



LIGHTING
TRADE CATALOGUE

GEWISS



2019
2020



GEWISS HEADQUARTERS - ITALY



Development as a constant feature of management is the philosophy that has consistently guided the decisions made by GEWISS, from its establishment until today. From the very first day it was founded, the Company has been creating excellent solutions of the highest quality. Over the years, this vocation has become part of a business model that is based above all on three key elements - continuous investment in research and development, staff training at every level, and the ongoing optimisation of production facilities.

This has enabled GEWISS to establish itself as a point of reference for the market in the production of **solutions and services for home & building automation, for the protection and distribution of energy, for electric mobility and for smart lighting.**

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Saturno



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Astrid Full Panel LED
60x60



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Horus



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Genius



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Stadium



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Znt

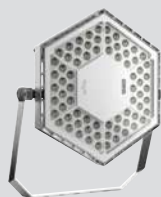


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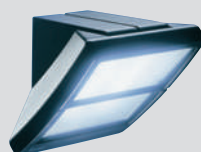


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NEW PRODUCT

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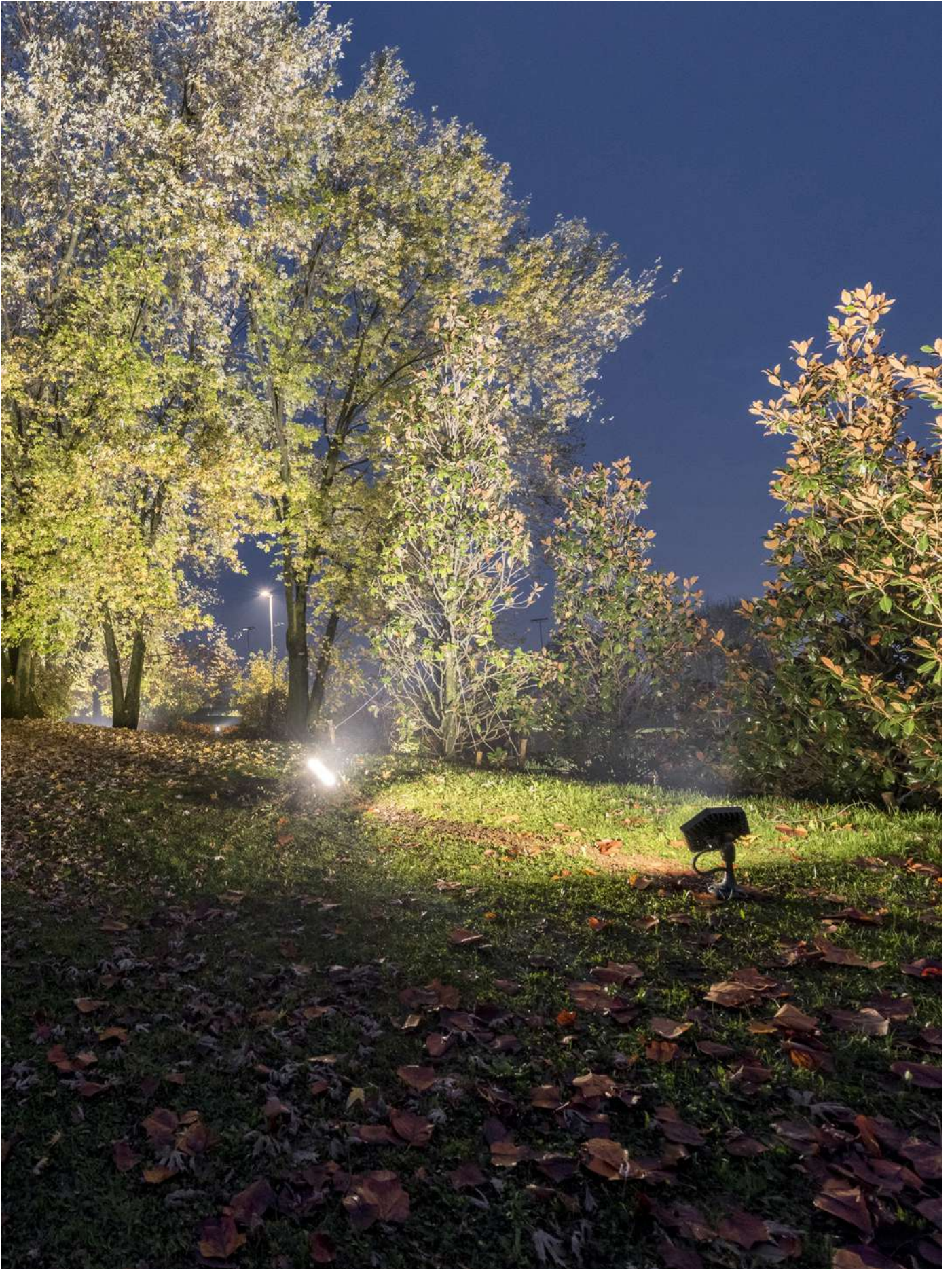
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LIGHTING



STREET LIGHTING

On today's roads, street lighting systems must ensure high energy efficiency, rapid installation/maintenance and superior light quality, as well as respecting existing road lighting regulations. Furthermore, the design of these appliances must be able to integrate perfectly into the environment. Gewiss street lighting represents the perfect response to all of these requirements.



SPORTS AND AREA FLOODLIGHTING

The GEWISS floodlights are designed to meet every type of lighting request, in any kind of indoor or outdoor system. The high photometric performance offered by this range of devices allows them to be installed in both small and large sports facilities, enabling them to comply with the strict parameters required for national and international competitions which are filmed for television. A complete range of devices with various optics and high-efficiency light sources.



URBAN AND GREEN LIGHTING AREA

Today, more than ever before, decorative urban and residential lighting devices must not only blend perfectly with their surroundings but also offer the designer an ample choice of optics, sources and design solutions. Gewiss has a variety of devices and systems for urban lighting, to meet all the needs of the designers, public authorities, and architects.



INDUSTRIAL

The perfect integration between lighting performance and design makes Gewiss industrial high bays and luminaires suitable for a wide range of applications in industrial, (indoor) sporting and commercial environments. This range of industrial devices is characterised not only by the highly robust materials and the excellent quality of the lamps and optics, but also by cost-effective management.



OFFICE/COMMERCIAL SECTORS

Environments in today's commercial sector - offices in particular - are more elegant, ergonomic and design-friendly. The Gewiss flush-mounting and ceiling solutions guarantee a uniform light with no reflection or glare, creating homogeneous lighting which offers high levels of comfort. The range is completed with the Gewiss double-sided LED lamps for escape routes, with solutions with different technological levels: alongside the centralised versions with the LonTalk or KNX communication protocol, there are also versions with local self-diagnosis and traditional models too.



Road [5]

STREET LIGHTING LED SYSTEM



Street [O₃]

STREET LIGHTING LED SYSTEM



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Avenue 1

STREET LIGHTING SYSTEM



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Road [5]

Street lighting LED system

Road [5] is the new range of LED lighting devices which completes the offer for urban and road lighting. The new range has been designed to offer better lighting performances, simplify the installation and the maintenance of the lighting devices and promote the maximum energy-saving. Road [5] is the ideal solution to all types of urban and interurban road lighting, round-about, large outdoor areas and parking lots, both for new and already existing installations.

Technical characteristics page 18



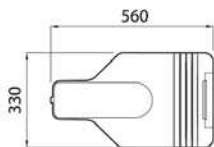
ROAD [5] - MINI - CLASS I



OPTIC WIDE



GW R5 772

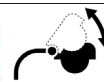


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



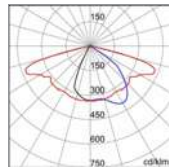
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 711	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6.4	1
GW R5 772	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6.6	1
GW R5 712	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6.6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

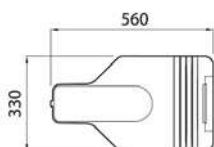


WIDE optic

OPTIC HUGE



GW R5 672

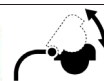


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



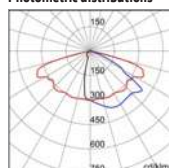
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 672	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	4590	6.6	1
GW R5 612	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6.6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

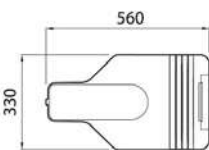


HUGE optic

CYCLE AND PEDESTRIAN OPTIC



GW R5 871 M

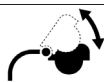


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



**CONSTANT
CURRENT
DRIVER**

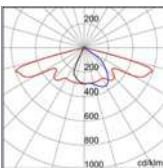
**5 YEARS
WARRANTY**



Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Dimmable 1-10 V								
GW R5 871 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	2350	1900	6.4	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
 Nominal flux referred to Tj=85°C.

Photometric distributions



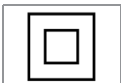
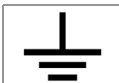
Cycle ped.optic

ROAD [5] - MEDIUM - CLASS I



**IP
66**

**IK
08**

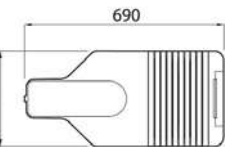


Mini 0,15 m²
 Medium 0,50 m²
 Maxi 0,26 m²

OPTIC WIDE



GW R5 774



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



**CONSTANT
CURRENT
DRIVER**

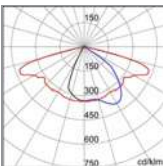
**5 YEARS
WARRANTY**



Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 713	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 774	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8.4	1
GW R5 714	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	15360	8.4	1
GW R5 775	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8.8	1
GW R5 715	5 (5x3 LED)	4000 K (CRI 70)	0.85 A	159 W	21230	17090	8.8	1
GW R5 716	6 (6x3 LED)	4000 K (CRI 70)	0.85 A	185 W	24330	19580	9.1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 775 B	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	134 W	15600	13100	8.8	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
 Nominal flux referred to Tj=85°C.

Photometric distributions



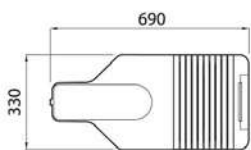
WIDE optic

Road [5]

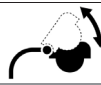
OPTIC HUGE



GW R5 676



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



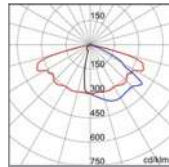
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 614	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	13460	8.4	1
GW R5 676	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	13780	9.1	1
GW R5 616	6 (6x3 LED)	4000 K (CRI 70)	0.85 A	185 W	24327	17162	9.1	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



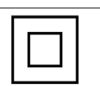
HUGE optic

ROAD [5] - MINI - CLASS II



IP
66

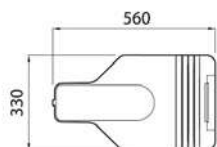
IK
08



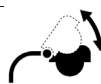
OPTIC WIDE



GW R5 272



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II



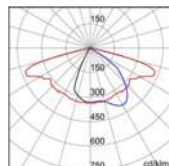
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 231	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	14 W	1560	1310	6.4	1
GW R5 271	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2620	6.4	1
GW R5 211	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6.4	1
GW R5 272	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6.6	1
GW R5 212	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6.6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 211 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3840	6.4	1
GW R5 272 B	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	54 W	6240	5240	6.6	1
GW R5 212 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	7680	6.6	1
Voltage: 220/240 V - 50/60 Hz - Dimmable 1-10 V								
GW R5 211 M	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6.4	1
GW R5 212 M	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6.6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

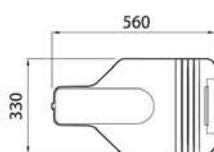


WIDE optic

OPTIC HUGE



GW R5 171

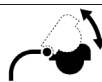


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 131	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	14 W	1560	1150	6.4	1
GW R5 171	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2300	6.4	1
GW R5 111	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3370	6.4	1
GW R5 112	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6.6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 111 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3370	6.4	1
GW R5 112 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	6730	6.6	1

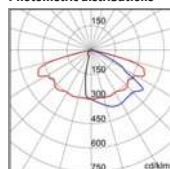
Voltage: 220/240 V - 50/60 Hz - Dimmable 1-10 V

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

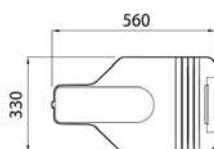


HUGE optic

CYCLE AND PEDESTRIAN OPTIC



GW R5 371 M



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



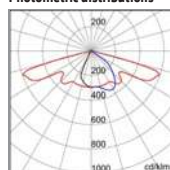
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Dimmable 1-10 V								
GW R5 371 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	2350	1900	6.4	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

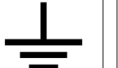
Nominal flux referred to Tj=85°C.

Photometric distributions



Cycle ped. optic

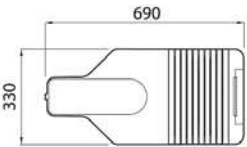
ROAD [5] - MEDIUM - CLASS II



OPTIC WIDE



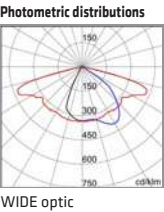
GW R5 274



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

								
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 273	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	7860	8	1
GW R5 213	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 274	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8.4	1
GW R5 214	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	15360	8.4	1
GW R5 275	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8.8	1
GW R5 215	5 (5x3 LED)	4000 K (CRI 70)	0.85 A	159 W	21230	17090	8.8	1
GW R5 276	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	15730	9.1	1
GW R5 216	6 (6x3 LED)	4000 K (CRI 70)	0.85 A	185 W	24330	19580	9.1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 213 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	11520	8	1
Voltage: 220/240 V - 50/60 Hz - Dimmable 1-10 V								
GW R5 213 M	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1

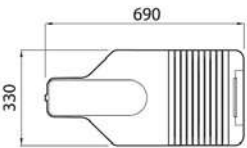
Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.



OPTIC HUGE



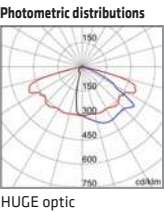
GW R5 174



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

								
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 173	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	6890	8	1
GW R5 113	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	10100	8	1
GW R5 114	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	13460	8.4	1
GW R5 115	5 (5x3 LED)	4000 K (CRI 70)	0.85 A	159 W	21230	14970	8.8	1
GW R5 116	6 (6x3 LED)	4000 K (CRI 70)	0.85 A	185 W	24330	17160	9.1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 113 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	10100	8	1
GW R5 115 B	5 (5x3 LED)	4000 K (CRI 70)	0.85 A	161 W	21230	14970	8.8	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.



ACCESSORIES FOR ROAD [5]

COMPLEMENTARY ITEMS



GW R5 191

SPARE PARTS

Code	Description	Pack Carton
GW R5 191	Visor ROAD [5]	1/10

Road [5]

COMPACTNESS AND STRENGTH



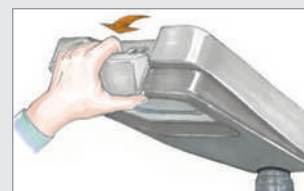
The compact design and size contained in the luminaire are designed to fit in a balanced and discretion in any urban center, the big city to small towns.

PERFORMANCE EXCELLENCE



The different types of roads in the environment urban and suburban require the availability of different distributions bright. The appliance Road [5] It has different types of optics capable of satisfying all the installation requirements.

SIMPLIFIED INSTALLATION



The wiring can be done to equipment already fixed (without opening it use any tool), reducing considerably the installation time and making operations extremely secure.

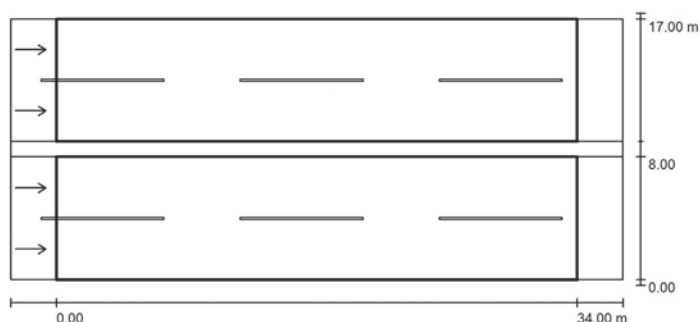
Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey and Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Integrated in the cover
Reflector	Metallised PC
Shield	Extra-clear flat glass 4 mm

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I/II
MARKS	CE 

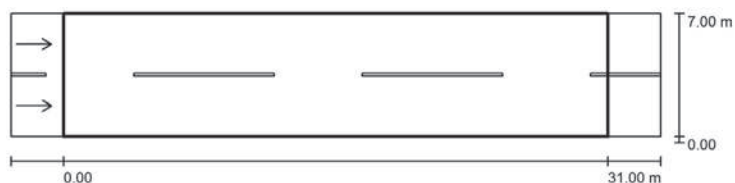
Technical solutions

Project: M2 road



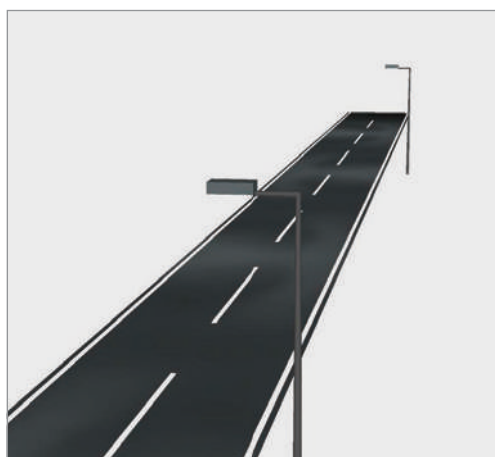
	Lm [cd/m ²]	U0	UI	FTI [%]	SR
Calculated values	1.51	0.79	0.74	10	0.79
Required values according to class	≥ 1.50	≥ 0.40	≥ 0.70	≤ 10	≥ 0.35
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5274 ROAD [5] 4(4X3 LED) 4000 K	EN 13201-2	M2	2	4	16 metres	9 metres	34 metres

Project: M3 road


	Lm [cd/m ²]	U0	UI	fTI [%]	SR
Calculated values	1.18	0.50	0.70	12	0.58
Required values according to class	≥ 1.00	≥ 0.40	≥ 0.60	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5273 ROAD [5] 3(3X3 LED) 4000 K	EN 13201-2	M3	1	2	7 metres	8 metres	31 metres

Project: M5 road


	Lm [cd/m ²]	U0	UI	fTI [%]	SR
Calculated values	0.62	0.46	0.41	13	0.51
Required values according to class	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5271 ROAD [5] 1(1X3 LED) 4000 K	EN 13201-2	M5	1	2	6 metres	6 metres	50 metres

Street [O₃]

Street lighting LED system

Street [O₃] a street lighting line for lighting public and private roads, large outdoor areas and car parks. The modular LED elements and variety of optics produce different levels of lighting to meet every design need. The [O₃] Optical Output Optimize technology offers great versatility and guarantees high performance results from the device.

LED



Technical characteristics page 24

STREET [O₃] - CLASS II



IP
66

IK
08
BODY

IK
06
LENS



0,26 m²

LED - OPTIC ST1



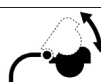
GW 87 413

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 700 MA WITH PMMA LENSES



CONSTANT
CURRENT
DRIVER

5 YEARS
WARRANTY



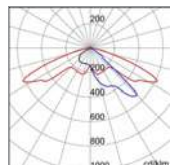
Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 410	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3470	Graphite/Aluminium	8.5	1
GW 87 411	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	6760	Graphite/Aluminium	9.1	1
GW 87 412	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	9860	Graphite/Aluminium	9.6	1
GW 87 413	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	12900	Graphite/Aluminium	10.3	1
GW 87 414	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	13740	Graphite/Aluminium	10.9	1

NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.

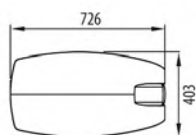
Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to T_j=85°C.

Photometric distributions

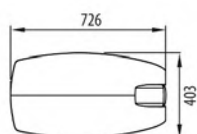


ST1 optic





GW 87 533

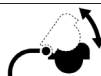


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 530	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	3030	Graphite/Aluminium	8.5	1
GW 87 531	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite/Aluminium	9.1	1
GW 87 532	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite/Aluminium	9.7	1
GW 87 533	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite/Aluminium	10.3	1
GW 87 534	5 (5x16 LED)	4000 K (CRI 70)	129 W	16530	13870	Graphite/Aluminium	10.9	1

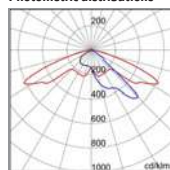
NOTES: the data refer to 550 mA.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions

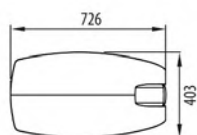


ST1 optic

LED - OPTIC ST2



GW 87 433



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 700 MA WITH PMMA LENSES



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**



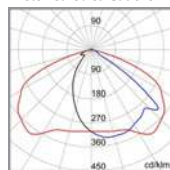
Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 430	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3630	Graphite/Aluminium	8.5	1
GW 87 431	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	7060	Graphite/Aluminium	9.1	1
GW 87 432	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	10300	Graphite/Aluminium	9.7	1
GW 87 433	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	13480	Graphite/Aluminium	10.3	1
GW 87 434	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	14350	Graphite/Aluminium	10.9	1

NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions

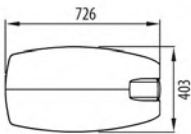


ST2 optic

LED - OPTIC ST3



GW 87 453



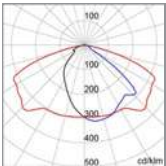
STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 450	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3630	Graphite/Aluminium	8.5	1
GW 87 451	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	7060	Graphite/Aluminium	9.1	1
GW 87 452	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	10300	Graphite/Aluminium	9.7	1
GW 87 453	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	13480	Graphite/Aluminium	10.3	1

NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions

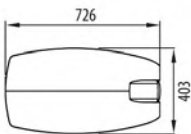


ST3 optic

LED - CYCLE AND PEDESTRIAN OPTIC



GW 57 112



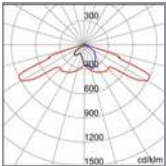
STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 57 110	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3260	Graphite/Aluminium	8.5	1
GW 57 111	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	6330	Graphite/Aluminium	9.1	1
GW 57 112	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	9250	Graphite/Aluminium	9.6	1

NOTE: the data refer to 700 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations. Driver adjustable at different LED current.
The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped. optic

GEWISS POLES AND SIDE BRACKETS

POLES



GW 84 096

CONICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 84 096	5.5	0.5	115	60	Graphite grey	45	1
GW 87 591	6.8	0.8	128	60	Graphite grey	48	1
GW 84 097	7.8	0.8	138	60	Graphite grey	54	1
GW 87 592	8.8	0.8	148	60	Graphite grey	91	1
GW 87 593	9.8	0.8	158	60	Graphite grey	107	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block.

FIXING ACCESSORIES



GW 87 582

POLE HEAD BRACKETS - Ø 60 MM

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 581	Single pole head bracket	1 m	Graphite grey	8	1
GW 87 582	Double pole head bracket	1+1 m	Graphite grey	11.5	1



GW 87 587

BRACKETS AT VARIABLE HEIGHTS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 586	Long bracket	1 m	Graphite grey	6	1
GW 87 587	Short bracket	0.5 m	Graphite grey	3.5	1

NOTE: for poles with a diameter from 60 to 75 mm.



GW 86 167

WALL-MOUNTING BRACKET

Code	Description	Outer dim. LxHxD (mm)	Colour	Weight (kg)	Pack Carton
GW 86 167	Wall-mounting bracket	150x160x290	Graphite grey	1.6	1

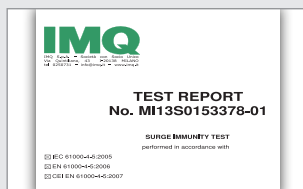
APPLICATIONS: allows the installation of the device on the wall and on 90° edges.

CHARACTERISTICS: hot galvanised steel and painted.

Street [O₃]



OVERVOLTAGE PROTECTION



Thanks to the complete separation of electric / electronic parts from the device body, the Street [O₃] device is protected against induced overvoltages greater than 12KV in common mode, in accordance with Standard CEI EN 61000-4-5 (third party certification).

NEW OPTICS



The Street [O₃] range uses optical refraction coupled to the source obtaining a better efficiency and a re-optimal partition of the luminous flux. The GEWISS optics have been designed following the 3D model with the intent to define the geometries with maximum precision.

5-YEAR WARRANTY



This Led Lighting Gewiss range benefit from a full five-year warranty.

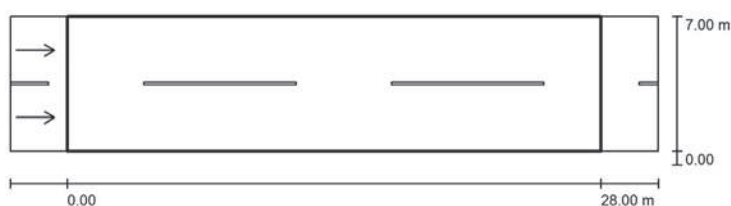
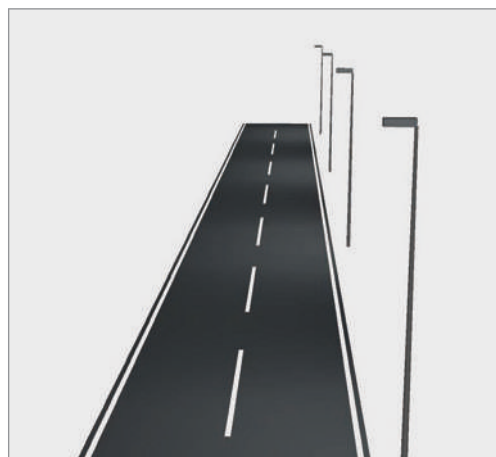
Technical characteristics of LED version

INSTALLATION	External
COLOUR	Graphite grey and Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Aluminium extrusion - range 6000
Lenses	Integrated in the shield
Shield	PMMA

IP PROTECTION	IP66
IK RESISTANCE	IK08 / IK06
INSULATION CLASS	II
MARKS	CE

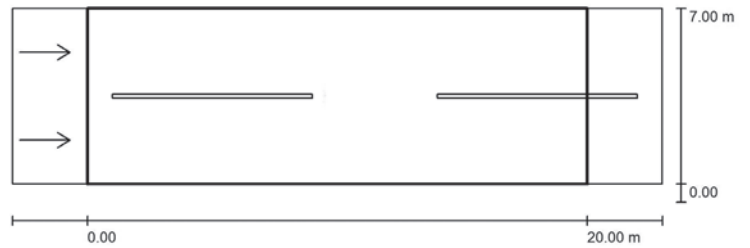
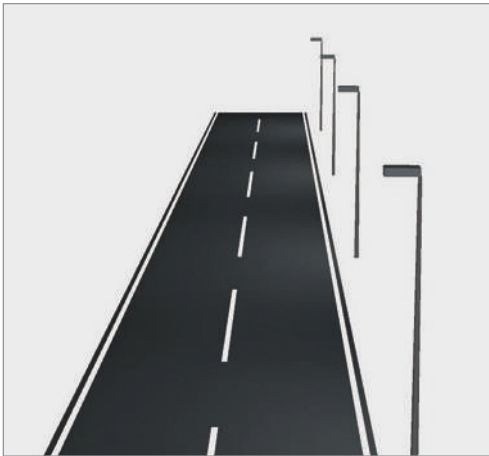
Technical solutions

Project: M3 road



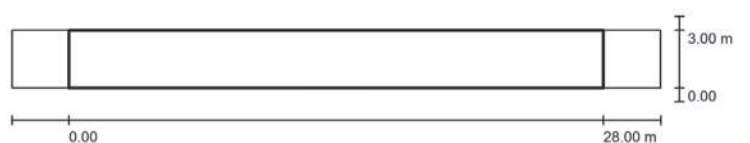
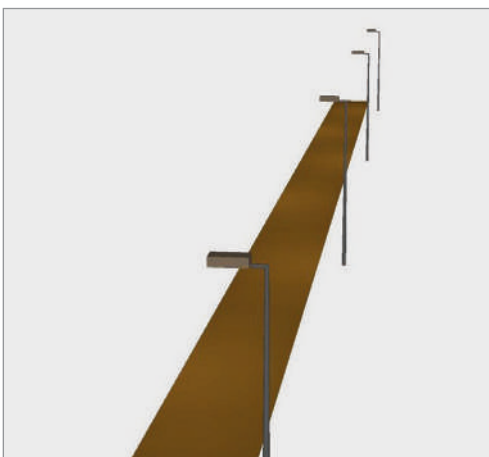
	Lm [cd/m ²]	U0	UI	fTI [%]	SR
Calculated values	1.24	0.52	0.71	6	0.65
Required values according to class	≥ 1.00	≥ 0.40	≥ 0.70	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GW87432 STREET[O3] 3X16 LED 700 mA 4000 K	EN 13201-2	M3	1	2	7 metres	8 metres	28 metres

Project: M4 road


	Lm [cd/m ²]	U0	UI	fTI [%]	SR
Calculated values	0.75	0.41	0.86	11	0.53
Required values according to class	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWS87450 STREET[03] 2X16 LED 550 mA 4000 K	EN 13201-2	M4	1	2	7 metres	6 metres	20 metres

Project: P1 cycle and pedestrian path


	Em [lx]	Emin [lx]
Calculated values	20.04	16.80
Required values according to class	≥ 15.00	≥ 3.00
Fulfilled/Not fulfilled	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GW87450 STREET[03] 1X16 LED 700 mA 4000 K	EN 13201-2	P1	1	1	3 metres	5 metres	28 metres

Avenue 1

Street lighting system

Avenue 1 is the range of street lighting with a pole coupling in die-cast aluminium and a body in technopolymer. With ¼ turn lever opening and a removable electric component case. Cut-off optic with flat glass, or semi cut-off with bowl. In addition, the tilt of the main body can be adjusted for angles of $\pm 15^\circ$.



Technical characteristics page 30

AVENUE 1



CUT-OFF OPTIC - ADJUSTABLE INCLINATION



GW 87 003

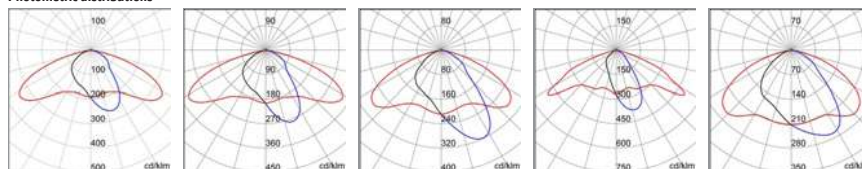
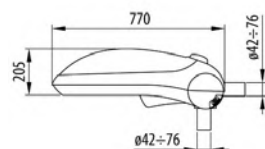
TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 87 003	50 W	SE-ST	E27	0.8 A	Graphite/Pearl	9.9	1
GW 87 004	70 W	ME-MT/SE-ST	E27	1 A	Graphite/Pearl	10	1
GW 87 005	100 W	ME-MT/SE-ST	E40	1.2 A	Graphite/Pearl	10.1	1
GW 87 006	150 W	ME-MT/SE-ST	E40	1.8 A	Graphite/Pearl	10.8	1
GW 87 007	250 W	ME-MT/SE-ST	E40	3 A	Graphite/Pearl	11.6	1

GW87003 and GW87004: use lamps without a built-in ignitor.

Photometric distributions



50 W ST

70 W SE

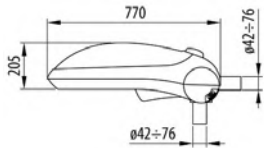
100 W SE

150 W ST

250 W SE



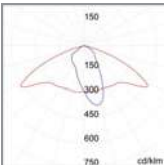
GW 87 010



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS - FLAT GLASS - IP65 - CLASS II
ELECTRONIC REACTOR

			Code	Lamp power	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
			Voltage: 220/240 V - 50/60 Hz						
			GW 87 010	90 W	MT	PGZ-12	0.97 A	Graphite/Pearl	10

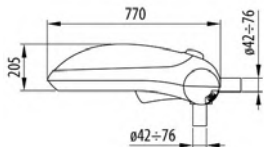
Photometric distributions



90 W MT



GW 87 041



TECHNOPOLYMER STREET LIGHTING - UNWIRED VERSIONS - FLAT GLASS - IP65

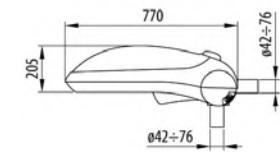
		Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
		GW 87 041	125 W	E27	Graphite/Pearl	8.2	1
		GW 87 042	250 W	E40	Graphite/Pearl	8.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and empty box accessory; electrical components: lamp holder, terminal block. The devices are supplied with standards service items.

CUT-OFF OPTIC - ADJUSTABLE INCLINATION - BI-POWER



GW 87 024

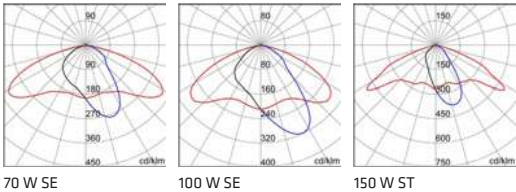


TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II

Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz								
GW 87 022	70 W	50 W	SE-ST	E27	1 A	Graphite/Pearl	10.3	1
GW 87 023	100 W	70 W	SE-ST	E40	1.2 A	Graphite/Pearl	10.4	1
GW 87 024	150 W	100 W	SE-ST	E40	1.8 A	Graphite/Pearl	11.2	1

GW87022: use lamps without a built-in ignitor.

Photometric distributions



COMPLEMENTARY ITEMS



GW 87 204

SPARE BOX ACCESSORY

Code	Lamp power	Lamp	Lamp holder	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz					
GW 87 203	50 W	SE-ST	E27	2.5	1
GW 87 204	70 W	ME-MT/SE-ST	E27	2.6	1
GW 87 205	100 W	ME-MT/SE-ST	E40	2.7	1
GW 87 206	150 W	ME-MT/SE-ST	E40	3.4	1



GW 87 213

SPARE BOX ACCESSORY - BI-POWER

Code	Lamp power	Reduced power	Lamp	Lamp holder	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz						
GW 87 213	70 W	50 W	SE-ST	E27	2.9	1
GW 87 214	100 W	70 W	SE-ST	E40	3	1
GW 87 215	150 W	100 W	SE-ST	E40	3.7	1



GW 87 211

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 87 209	Flat tempered glass	0.9	1/5
GW 87 211	Visor	0.3	1/5

Avenue 1



SIMPLIFIED MAINTENANCE



The devices have a single ¼-turn lever handle. The case containing the electrical components can be completely replaced, reducing installation times

WIDE ADJUSTMENT RANGE



After being installed, the device can be adjusted with angles $\pm 15^\circ$ in relation to the road surface

THE QUALITY OF TECHNOPOLYMER



When applied to the lighting industry, GEWISS' extensive know-how with regards to plastic materials guarantees an excellent degree of reliability of the products, certified with a 5-year warranty

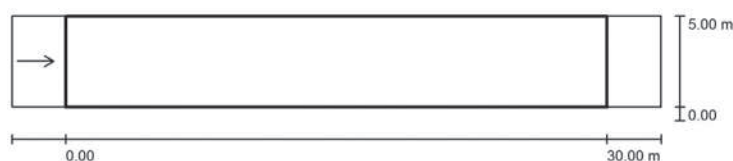
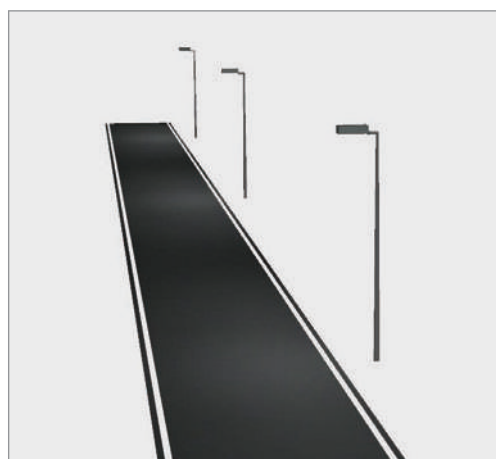
Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey and Pearl grey
MATERIALS	
Body	Technopolymer PA6.6+GF
Pole coupling	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 4 mm or PC bowl

IP PROTECTION	IP65
IK RESISTANCE	IK08
INSULATION CLASS	II
MARKS	CE 

Technical solutions

Project: M5 road



	Lm [cd/m ²]	U0	UI	TI [%]	SR
Calculated values	0.78	0.40	0.43	10	0.53
Required values according to class	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GW87004 AVENUE 1 - 70 W ST	EN 13201-2	M5	1	1	5 metres	6 metres	30 metres

INSTALLATION ACCESSORIES COMMON TO ALL THE STREET LIGHTING RANGE

COMPLEMENTARY ITEMS COMMON TO ALL GEWISS STREET LIGHTING



GW 86 243

POLE CONNECTORS

Code	Description	Type	Weight (kg)	Pack Carton
GW 86 242	Pole head coupling 76mm-60mm	Single	3	1
GW 86 243	Pole head coupling 76mm-60mm	Double	4.5	1
GW 86 244	Pole head coupling 76mm-60mm	Triple	6	1

CHARACTERISTICS: hot galvanised steel.



GW 86 166

FIXING BRACKET

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Pack Carton
GW 86 166	Wall-mounting bracket	150x160x290	1.6	1

APPLICATIONS: Allows the installation of the device on the wall and on 90° edges.

CHARACTERISTICS: hot galvanised steel, painted grey RAL 7035.

Sports and Area floodlighting

Smart [Pro] 2.0 NEW PRODUCT

MEDIUM AND HIGH POWER
INNOVATIVE LED FLOODLIGHTS



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Esalite FL NEW PRODUCT

LOW AND MEDIUM POWER
INNOVATIVE LED FLOODLIGHTS



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Horus

TECHNOPOLYMER FLOODLIGHTS



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Genius

MULTIFUNCTION FLOODLIGHTS FOR FIXED OR
PORTABLE APPLICATIONS



page 60

Mercurio

LOW AND MEDIUM POWER ALUMINIUM
FLOODLIGHTS



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Titano

MEDIUM AND HIGH POWER ALUMINIUM
FLOODLIGHTS



page 69

Colosseo

HIGH POWER ALUMINIUM FLOODLIGHTS



page 74

Stadium

HIGH POWER ALUMINIUM FLOODLIGHTS



page 79

Smart[PRO] 2.0 NEW PRODUCT

Medium and high power innovative LED floodlights

Smart [PRO] 2.0 is the new range of LED floodlights specifically dedicated for professional sport plants and large outdoor areas. Thanks to the new CSP high power LED source, Smart [PRO] 2.0 can provide better lighting performance, simplified installation, reduce maintenance costs and improve the energy saving both in simple and complex systems.



Technical characteristics page 40

SMART [PRO] 2.0



1 MODULE VERSION - EQUIVALENT TO 250W MT



GW P2 173 CS



MEDIUM POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - IP66 - CLASS I - DIMMABLE 1-10V

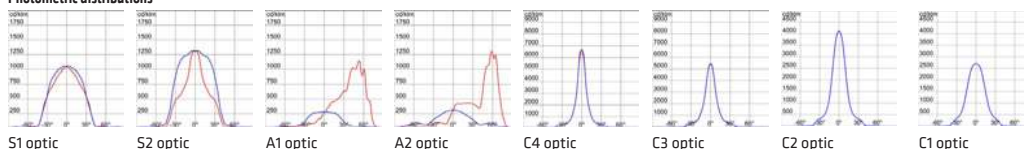
CSP LED CONSTANT CURRENT DRIVER 5 YEARS WARRANTY 1-10 0,085 m² DIN 18032-3							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW P2 173 AS	Symmetrical S1	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 BS	Symmetrical S2	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 CS	Asymmetrical A1	3000 K (CRI 70)	165 W	23000	18000	5.7	1
GW P2 173 FS	Asymmetrical A2	3000 K (CRI 70)	165 W	23000	16000	5.7	1
GW P2 173 GS	Circular C4	3000 K (CRI 70)	165 W	23000	20000	5.7	1
GW P2 173 HS	Circular C3	3000 K (CRI 70)	165 W	23000	20000	5.7	1
GW P2 173 LS	Circular C2	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 MS	Circular C1	3000 K (CRI 70)	165 W	23000	19000	5.7	1
Versions: 4000K natural light							
GW P2 174 AS	Symmetrical S1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 BS	Symmetrical S2	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 CS	Asymmetrical A1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 FS	Asymmetrical A2	4000 K (CRI 70)	165 W	24000	17000	5.7	1
GW P2 174 GS	Circular C4	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 HS	Circular C3	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 LS	Circular C2	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 MS	Circular C1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
Versions: 5700K cold light							
GW P2 175 AS	Symmetrical S1	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 BS	Symmetrical S2	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 CS	Asymmetrical A1	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 FS	Asymmetrical A2	5700 K (CRI 70)	165 W	24000	17000	5.7	1
GW P2 175 GS	Circular C4	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 HS	Circular C3	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 LS	Circular C2	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 MS	Circular C1	5700 K (CRI 70)	165 W	24000	20000	5.7	1

NOTE: versions complete of driver. Voltage current 220-240V 50/60Hz.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



S1 optic

S2 optic

A1 optic

A2 optic

C4 optic

C3 optic

C2 optic

C1 optic



GW P2 173 CD



MEDIUM POWER FLOODLIGHT MADE IN DIE CAST ALLUMINIUM - IP66 - CLASS I - DIMMABLE DALI



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW P2 173 AD	Symmetrical S1	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 BD	Symmetrical S2	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 CD	Asymmetrical A1	3000 K (CRI 70)	165 W	23000	18000	5.7	1
GW P2 173 FD	Asymmetrical A2	3000 K (CRI 70)	165 W	23000	16000	5.7	1
GW P2 173 GD	Circular C4	3000 K (CRI 70)	165 W	23000	20000	5.7	1
GW P2 173 HD	Circular C3	3000 K (CRI 70)	165 W	23000	20000	5.7	1
GW P2 173 LD	Circular C2	3000 K (CRI 70)	165 W	23000	19000	5.7	1
GW P2 173 MD	Circular C1	3000 K (CRI 70)	165 W	23000	19000	5.7	1

Versions: 4000K natural light							
GW P2 174 AD	Symmetrical S1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 BD	Symmetrical S2	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 CD	Asymmetrical A1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 FD	Asymmetrical A2	4000 K (CRI 70)	165 W	24000	17000	5.7	1
GW P2 174 GD	Circular C4	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 HD	Circular C3	4000 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 174 LD	Circular C2	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 174 MD	Circular C1	4000 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 184 AD	Symmetrical S1	4000 K (CRI 80)	165 W	23000	19000	5.7	1
GW P2 184 BD	Symmetrical S2	4000 K (CRI 80)	165 W	23000	19000	5.7	1
GW P2 184 CD	Asymmetrical A1	4000 K (CRI 80)	165 W	23000	18000	5.7	1
GW P2 184 FD	Asymmetrical A2	4000 K (CRI 80)	165 W	23000	16000	5.7	1
GW P2 184 GD	Circular C4	4000 K (CRI 80)	165 W	23000	20000	5.7	1
GW P2 184 HD	Circular C3	4000 K (CRI 80)	165 W	23000	20000	5.7	1
GW P2 184 LD	Circular C2	4000 K (CRI 80)	165 W	23000	19000	5.7	1
GW P2 184 MD	Circular C1	4000 K (CRI 80)	165 W	23000	19000	5.7	1

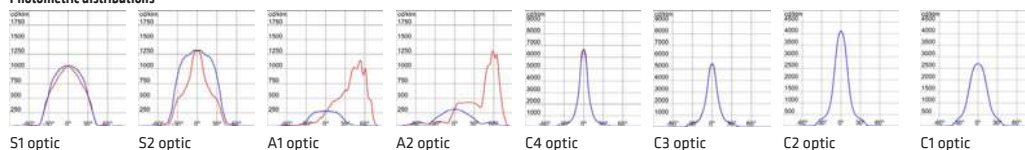
Versions: 5700K cold light							
GW P2 175 AD	Symmetrical S1	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 BD	Symmetrical S2	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 CD	Asymmetrical A1	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 FD	Asymmetrical A2	5700 K (CRI 70)	165 W	24000	17000	5.7	1
GW P2 175 GD	Circular C4	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 HD	Circular C3	5700 K (CRI 70)	165 W	24000	21000	5.7	1
GW P2 175 LD	Circular C2	5700 K (CRI 70)	165 W	24000	20000	5.7	1
GW P2 175 MD	Circular C1	5700 K (CRI 70)	165 W	24000	20000	5.7	1

NOTE: versions complete of driver. Voltage current 220-240V 50/60Hz.

Due to the continous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

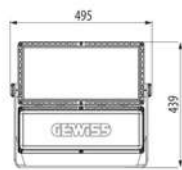


Smart[PRO] 2.0

2 MODULES VERSION - EQUIVALENT TO 400W MT



GW P2 273 CS



MEDIUM POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - IP66 - CLASS I - DIMMABLE 1-10V

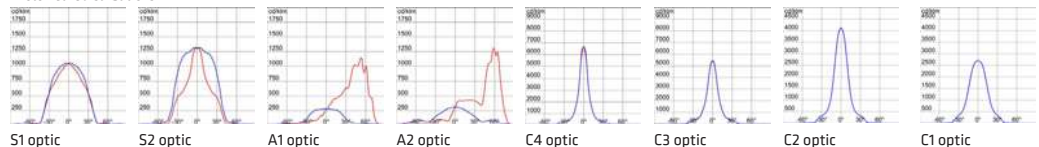
 CSP LED  CONSTANT CURRENT DRIVER  5 YEARS WARRANTY  1-10  0,170 m²  DIN 18032-3							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW P2 273 AS	Symmetrical S1	3000 K (CRI 70)	330 W	45000	37000	13	1
GW P2 273 BS	Symmetrical S2	3000 K (CRI 70)	330 W	45000	38000	13	1
GW P2 273 CS	Asymmetrical A1	3000 K (CRI 70)	330 W	45000	36000	13	1
GW P2 273 FS	Asymmetrical A2	3000 K (CRI 70)	330 W	45000	31000	13	1
GW P2 273 GS	Circular C4	3000 K (CRI 70)	330 W	45000	39000	13	1
GW P2 273 HS	Circular C3	3000 K (CRI 70)	330 W	45000	39000	13	1
GW P2 273 LS	Circular C2	3000 K (CRI 70)	330 W	45000	38000	13	1
GW P2 273 MS	Circular C1	3000 K (CRI 70)	330 W	45000	38000	13	1
Versions: 4000K natural light							
GW P2 274 AS	Symmetrical S1	4000 K (CRI 70)	330 W	48000	40000	13	1
GW P2 274 BS	Symmetrical S2	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 CS	Asymmetrical A1	4000 K (CRI 70)	330 W	48000	39000	13	1
GW P2 274 FS	Asymmetrical A2	4000 K (CRI 70)	330 W	48000	33000	13	1
GW P2 274 GS	Circular C4	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 HS	Circular C3	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 LS	Circular C2	4000 K (CRI 70)	330 W	48000	40000	13	1
GW P2 274 MS	Circular C1	4000 K (CRI 70)	330 W	48000	40000	13	1
Versions: 5700K cold light							
GW P2 275 AS	Symmetrical S1	5700 K (CRI 70)	330 W	48000	40000	13	1
GW P2 275 BS	Symmetrical S2	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 CS	Asymmetrical A1	5700 K (CRI 70)	330 W	48000	39000	13	1
GW P2 275 FS	Asymmetrical A2	5700 K (CRI 70)	330 W	48000	33000	13	1
GW P2 275 GS	Circular C4	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 HS	Circular C3	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 LS	Circular C2	5700 K (CRI 70)	330 W	48000	40000	13	1
GW P2 275 MS	Circular C1	5700 K (CRI 70)	330 W	48000	40000	13	1

NOTE: versions complete of driver. Voltage current 220-240V 50/60Hz.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

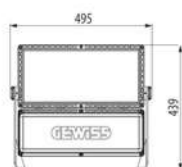
Nominal flux referred to Tj=85°C.

Photometric distributions





GW P2 273 CD



MEDIUM POWER FLOODLIGHT MADE IN DIE CAST ALLUMINIUM - IP66 - CLASS I - DIMMABLE DALI



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW P2 273 AD	Symmetrical S1	3000 K (CRI 70)	330 W	45000	37000	13	1
GW P2 273 BD	Symmetrical S2	3000 K (CRI 70)	330 W	45000	38000	13	1
GW P2 273 CD	Asymmetrical A1	3000 K (CRI 70)	330 W	45000	36000	13	1
GW P2 273 FD	Asymmetrical A2	3000 K (CRI 70)	330 W	45000	31000	13	1
GW P2 273 GD	Circular C4	3000 K (CRI 70)	330 W	45000	39000	13	1
GW P2 273 HD	Circular C3	3000 K (CRI 70)	330 W	45000	39000	13	1
GW P2 273 LD	Circular C2	3000 K (CRI 70)	330 W	45000	38000	13	1
GW P2 273 MD	Circular C1	3000 K (CRI 70)	330 W	45000	38000	13	1

Versions: 4000K natural light

GW P2 274 AD	Symmetrical S1	4000 K (CRI 70)	330 W	48000	40000	13	1
GW P2 274 BD	Symmetrical S2	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 CD	Asymmetrical A1	4000 K (CRI 70)	330 W	48000	39000	13	1
GW P2 274 FD	Asymmetrical A2	4000 K (CRI 70)	330 W	48000	33000	13	1
GW P2 274 GD	Circular C4	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 HD	Circular C3	4000 K (CRI 70)	330 W	48000	41000	13	1
GW P2 274 LD	Circular C2	4000 K (CRI 70)	330 W	48000	40000	13	1
GW P2 274 MD	Circular C1	4000 K (CRI 70)	330 W	48000	40000	13	1
GW P2 284 AD	Symmetrical S1	4000 K (CRI 80)	330 W	45000	37000	13	1
GW P2 284 BD	Symmetrical S2	4000 K (CRI 80)	330 W	45000	38000	13	1
GW P2 284 CD	Asymmetrical A1	4000 K (CRI 80)	330 W	45000	36000	13	1
GW P2 284 FD	Asymmetrical A2	4000 K (CRI 80)	330 W	45000	31000	13	1
GW P2 284 GD	Circular C4	4000 K (CRI 80)	330 W	45000	39000	13	1
GW P2 284 HD	Circular C3	4000 K (CRI 80)	330 W	45000	39000	13	1
GW P2 284 LD	Circular C2	4000 K (CRI 80)	330 W	45000	38000	13	1
GW P2 284 MD	Circular C1	4000 K (CRI 80)	330 W	45000	38000	13	1

Versions: 5700K cold light

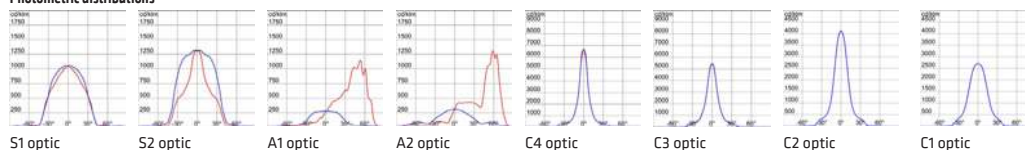
GW P2 275 AD	Symmetrical S1	5700 K (CRI 70)	330 W	48000	40000	13	1
GW P2 275 BD	Symmetrical S2	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 CD	Asymmetrical A1	5700 K (CRI 70)	330 W	48000	39000	13	1
GW P2 275 FD	Asymmetrical A2	5700 K (CRI 70)	330 W	48000	33000	13	1
GW P2 275 GD	Circular C4	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 HD	Circular C3	5700 K (CRI 70)	330 W	48000	41000	13	1
GW P2 275 LD	Circular C2	5700 K (CRI 70)	330 W	48000	40000	13	1
GW P2 275 MD	Circular C1	5700 K (CRI 70)	330 W	48000	40000	13	1

NOTE: versions complete of driver. Voltage current 220-240V 50/60Hz.

Due to the continous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

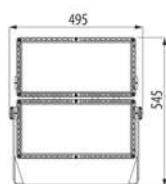


Smart[PRO] 2.0

2+2 MODULES VERSION - EQUIVALENT TO 1000W MT



GW P2 473 AS



HIGH POWER LED PROJECTOR IN DIE-CAST ALUMINUM - IP66 - CLASS I - DIMMABLE 1-10V



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW P2 473 AS	Symmetrical S1	3000 K (CRI 70)	660 W	90000	74000	15	1
GW P2 473 BS	Symmetrical S2	3000 K (CRI 70)	660 W	90000	76000	15	1
GW P2 473 CS	Asymmetrical A1	3000 K (CRI 70)	660 W	90000	72000	15	1
GW P2 473 FS	Asymmetrical A2	3000 K (CRI 70)	660 W	90000	62000	15	1
GW P2 473 GS	Circular C4	3000 K (CRI 70)	660 W	90000	77000	15	1
GW P2 473 HS	Circular C3	3000 K (CRI 70)	660 W	90000	77000	15	1
GW P2 473 LS	Circular C2	3000 K (CRI 70)	660 W	90000	75000	15	1
GW P2 473 MS	Circular C1	3000 K (CRI 70)	660 W	90000	75000	15	1

Versions: 4000K natural light

GW P2 474 AS	Symmetrical S1	4000 K (CRI 70)	660 W	96000	79000	15	1
GW P2 474 BS	Symmetrical S2	4000 K (CRI 70)	660 W	96000	82000	15	1
GW P2 474 CS	Asymmetrical A1	4000 K (CRI 70)	660 W	96000	77000	15	1
GW P2 474 FS	Asymmetrical A2	4000 K (CRI 70)	660 W	96000	66000	15	1
GW P2 474 GS	Circular C4	4000 K (CRI 70)	660 W	96000	82000	15	1
GW P2 474 HS	Circular C3	4000 K (CRI 70)	660 W	96000	82000	15	1
GW P2 474 LS	Circular C2	4000 K (CRI 70)	660 W	96000	80000	15	1
GW P2 474 MS	Circular C1	4000 K (CRI 70)	660 W	96000	80000	15	1

Versions: 5700K cold light

GW P2 475 AS	Symmetrical S1	5700 K (CRI 70)	660 W	96000	79000	15	1
GW P2 475 BS	Symmetrical S2	5700 K (CRI 70)	660 W	96000	82000	15	1
GW P2 475 CS	Asymmetrical A1	5700 K (CRI 70)	660 W	96000	77000	15	1
GW P2 475 FS	Asymmetrical A2	5700 K (CRI 70)	660 W	96000	66000	15	1
GW P2 475 GS	Circular C4	5700 K (CRI 70)	660 W	96000	82000	15	1
GW P2 475 HS	Circular C3	5700 K (CRI 70)	660 W	96000	82000	15	1
GW P2 475 LS	Circular C2	5700 K (CRI 70)	660 W	96000	80000	15	1
GW P2 475 MS	Circular C1	5700 K (CRI 70)	660 W	96000	80000	15	1

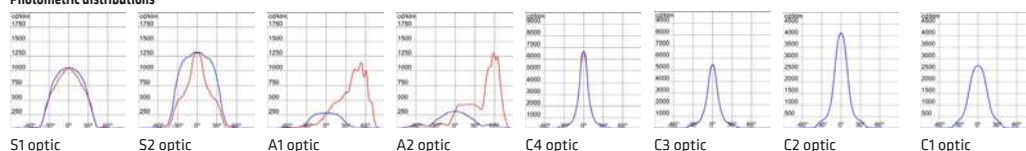
NOTES: to be used with the relative power supply unit.

Dali dimmable version on request.

Technical data may change due to the continuous evolution of LED technology.

The nominal flux is referred to Tj=85°C.

Photometric distributions



ACCESSORIES FOR SMART PRO



GW P2 901

ELECTRICAL ACCESSORIES



Code	Description	Voltage	Weight (kg)	Pack Carton
GW P2 901	Remote supply unit for SMART[PRO] 2+2M	220/240 V - 50/60 Hz	6.5	1



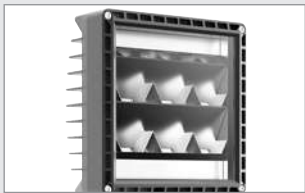
GW P2 905

MECHANICAL ACCESSORIES

Code	Description	Pack Carton
GW P2 904	Red Dot Pointer Support	1
GW P2 905	SMART [PRO] 2M light refracting kit	1/4

Smart[PRO] 2.0

MODULAR



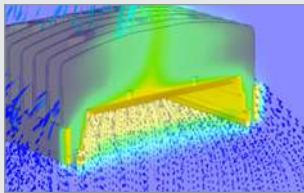
Suitable for a wide variety of applications and installations, with many lighting options and optics.

EFFICIENT



This range has undergone meticulous research and development to offer a range of optics for a wide variety of applications. This is a high quality and innovative solution that can be technically adapted to any project.

RELIABLE



Developed using in-depth thermal dimensioning research the range provides high performance light output. Ideal heat dissipation means the fitting offers high quality and performance, with a long lifetime.

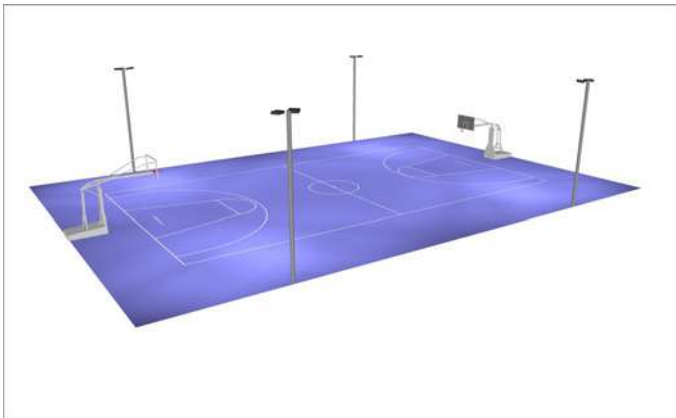
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	Graphite Grey
MATERIALS	
Heat Sink	EN 46100 die-cast aluminium
Shield	Tempered glass 4 mm
Bracket	Galvanized iron and coated with polyester powder

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
MARKS	CE  
OVERVOLTAGE PROTECTION	> 6kv
OPERATING TEMPERATURE	-30° - +50°

Installation solutions

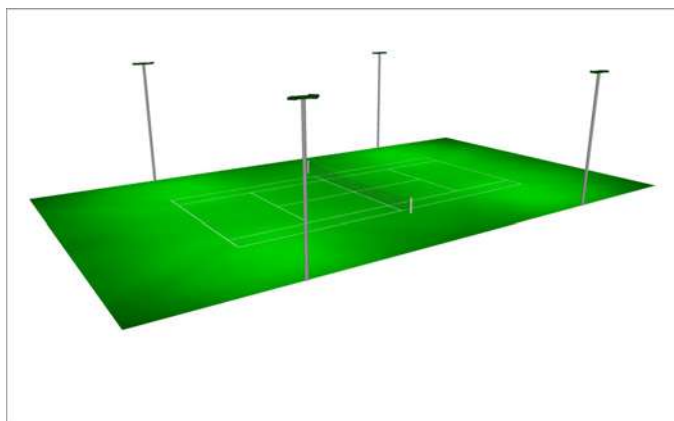
Project: Basket outdoor



Reference standard	UNI EN 12193:2008
Task or job carried out	Basket
Class	II
Eav [lx]	200 lux
Uniformity (Uo)	0,6
Area dimensions	28x15 m
Device	SMART [PRO] 2.0 2M - GWP2275CS
Number of poles	4
Number of floodlights	8
Pole height [m]	8
Eav [lx]	222 lux
Uniformity (Uo)	0,83
Total power system	2,64 kW

Installation solutions

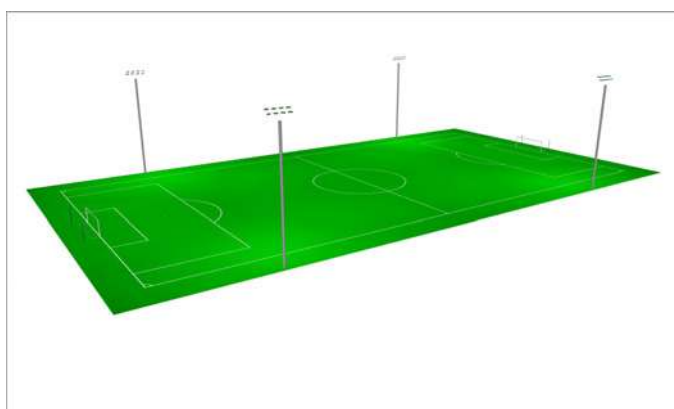
Project: Tennis outdoor



Reference standard	UNI EN 12193:2008
Task or job carried out	Tennis pitch
Class	III
Eav [lx]	300 lux
Uniformity (Uo)	0,7
Area dimensions	36x18 m
Device	SMART [PRO] 2.0 2M - GWP2275CS
Number of poles	4
Number of floodlights	12
Pole height [m]	9
Eav [lx]	339 lux
Uniformity (Uo)	0,71
Total power system	3,96 kW

Installation solutions

Project: Standard football



Reference standard	Lega Nazionale Dilettanti
Task or job carried out	11-a-side football pitch
Class	III Category
Eav [lx]	100 lux
Uniformity min/avg (Uo)	0,5
Uniformity min/max (Uo)	0,3
Area dimensions	100x50 m
Device	SMART [PRO] 2.0 2M GWP2275CS e GWP2275FS
Number of poles	4
Number of floodlights	32
Pole height [m]	20
Eav [lx]	103 lux
Uniformity min/avg (Uo)	0,64
Uniformity min/max (Uo)	0,33
Total power system	10,56 kW

Smart [PRO]

Medium and High power innovative LED floodlights

Smart[Pro] is the new range of LED lighting devices for medium and high power floodlights. It was designed to offer high lighting performance, simplified installation, reduced maintenance and top energy savings in both simple and complex systems. Smart[Pro] is the ideal solution for professional sport, highmast, airport applications, etc...



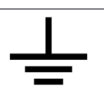
Technical characteristics page 44

SMART[PRO]

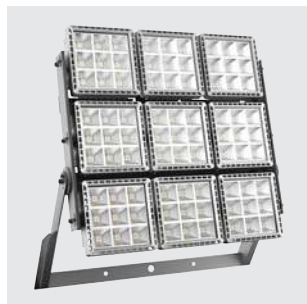


IP
66

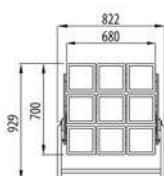
IK
08



HE VERSIONS - HIGH EFFICIENCY



GW P1 195 HE



HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 9 MODULES - EQUIVALENT TO 2000 W MT - IP66 - CLASS I



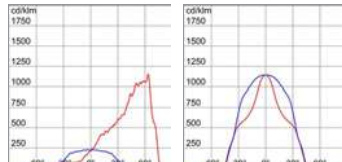
CONSTANT
CURRENT
DRIVER

5 YEARS
WARRANTY

Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 195 HE	Asymmetrical A1	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	114710	38	1
Versions: 5700K cold light								
GW P1 292 HE	Symmetrical S1	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	130380	38	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Photometric distributions



A1 optic

S1 optic

COMPLEMENTARY ITEMS

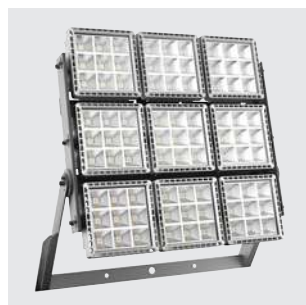


GW P1 902 HE

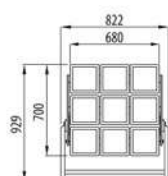
SUPPLY UNITS

Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 902 HE	High Efficiency - 1,1A	9	200/250 V - 50/60 Hz	Stand alone	1
GW P1 903 HE	High Efficiency - 1,1A	9	380/400 V - 50/60 Hz	Stand alone	1

HL VERSIONS - HIGH LUMEN



GW P1 291 HL



HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 9 MODULES - EQUIVALENT TO 2000 W MT - IP66 - CLASS I



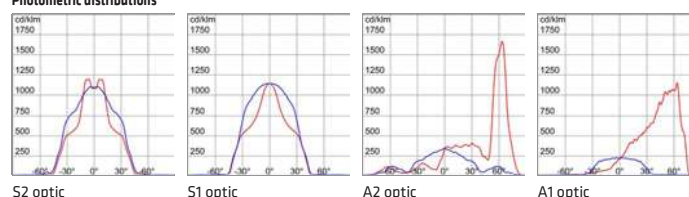
**CONSTANT
CURRENT
DRIVER**



Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 5700K cold light								
GW P1 291 HL	Symmetrical S2	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	153210	38	1
GW P1 292 HL	Symmetrical S1	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	157440	38	1
GW P1 294 HL	Asymmetrical A2	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	137130	38	1
GW P1 295 HL	Asymmetrical A1	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	148980	36.5	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Photometric distributions



COMPLEMENTARY ITEMS



GW P1 912 HL

SUPPLY UNITS

Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 912 HL	High Lumen - 1,4A	9	200/250 V - 50/60 Hz	Stand Alone - 1/10V	1
GW P1 913 HL	High Lumen - 1,4A	9	380/400 V - 50/60 Hz	Stand Alone - 1/10V	1

Smart [PRO]



REDUCED MAINTENANCE



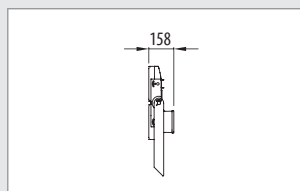
The average lifetime of a LED device goes well beyond the average number of operating hours of traditional lamps, and at the same time makes it possible to reduce the amount of maintenance interventions.

IMMEDIATE ON AND OFF



Unlike traditional lamps, they switch on immediately, for instance in the case of a temporary blackout, and the total light flux is available straight away.

COMPACT AND FLEXIBLE



Thanks to the compact design and installation flexibility of the lighting body, they can be used in new systems or inserted in existing ones, from large outdoor areas to major sports facilities.

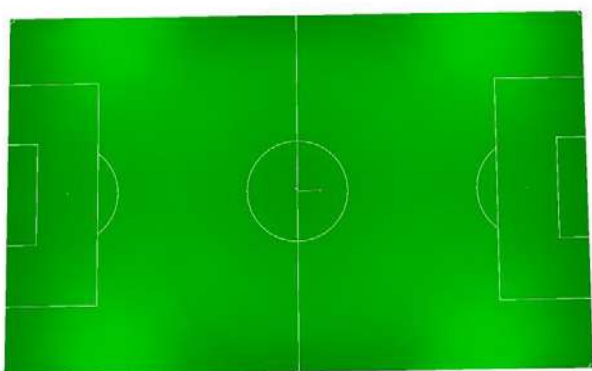
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	Graphite Grey
MATERIALS	
Structure	Galvanized iron and coated with polyester powder
Heat sink	EN AB 44300 die-cast aluminium
Shield	Tempered glass 4 mm
Bracket	Galvanized iron and coated with polyester powder

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
MARKS	CE

Installation solutions

Project: Standard football



Length [m]	105
Width [m]	65
Task or job carried out	SPORT - Standard football
Class	II
Eav [lx]	200
Emin\Eav	0.6
Device	SMART[PRO] GWP1294HL 9M/757 HL AC
Number of poles	4
Number of floodlights	20
Pole height [m]	25
Eav [lx]	212
Emin\Eav	0.6

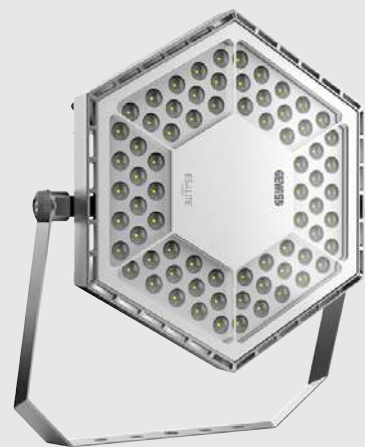
Esalite FL NEW PRODUCT

LED

Low and medium power innovative LED floodlights

ESALITE, a new product in the technical LED range of industrial lighting. Long-lasting reliability and top performance are the fundamental features of this high bay, designed for both outdoor and indoor contexts. In addition, streamlined geometry and a multitude of uses make it ideal as either a floodlight or a pole-mounted light. Excellent performance combined with many high quality features make ESALITE the perfect blend of technology and design, even for the most extreme applications. An idea of perfection.

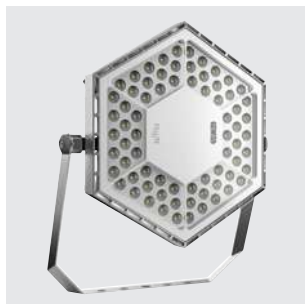
Technical characteristics page 49



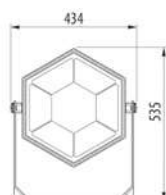
ESALITE FL - 12K



ESALITE FL - 12K - FLOODLIGHTS WITH GLASS VERSIONS



GW S6 422 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



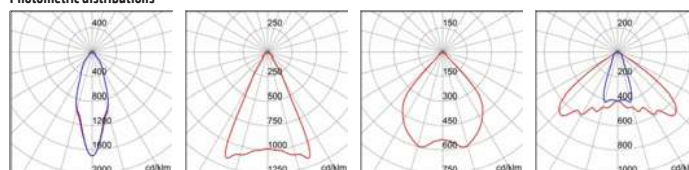
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 422 GD30K	30°	3000 K (CRI 80)	112 W	14000	10800	9.5	1
GW S6 423 GD30K	60°	3000 K (CRI 80)	112 W	14000	11100	9.5	1
GW S6 424 GD30K	90°	3000 K (CRI 80)	112 W	14000	11800	9.5	1
GW S6 425 GD30K	Elliptical	3000 K (CRI 80)	112 W	14000	11100	9.5	1
Versions: 4000K natural light							
GW S6 422 GD	30°	4000 K (CRI 80)	112 W	15000	11600	9.5	1
GW S6 423 GD	60°	4000 K (CRI 80)	112 W	15000	11900	9.5	1
GW S6 424 GD	90°	4000 K (CRI 80)	112 W	15000	12700	9.5	1
GW S6 425 GD	Elliptical	4000 K (CRI 80)	112 W	15000	11900	9.5	1
Versions: 5700K cold light							
GW S6 422 GD57K	30°	5700 K (CRI 80)	112 W	15000	11600	9.5	1
GW S6 423 GD57K	60°	5700 K (CRI 80)	112 W	15000	11900	9.5	1
GW S6 424 GD57K	90°	5700 K (CRI 80)	112 W	15000	12700	9.5	1
GW S6 425 GD57K	Elliptical	5700 K (CRI 80)	112 W	15000	11900	9.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

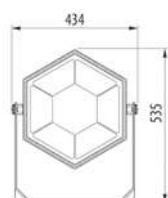
ESALITE FL - 16K



ESALITE FL - 16K - FLOODLIGHTS WITH GLASS VERSIONS



GW S6 432 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



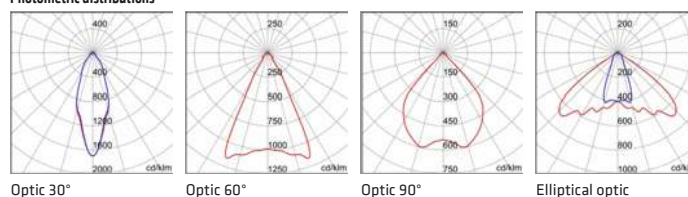
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 432 GD30K	30°	3000 K (CRI 80)	125 W	16000	12300	9.5	1
GW S6 433 GD30K	60°	3000 K (CRI 80)	125 W	16000	12600	9.5	1
GW S6 434 GD30K	90°	3000 K (CRI 80)	125 W	16000	13400	9.5	1
GW S6 435 GD30K	Elliptical	3000 K (CRI 80)	125 W	16000	12600	9.5	1
Versions: 4000K natural light							
GW S6 432 GD	30°	4000 K (CRI 80)	125 W	17000	13300	9.5	1
GW S6 433 GD	60°	4000 K (CRI 80)	125 W	17000	13600	9.5	1
GW S6 434 GD	90°	4000 K (CRI 80)	125 W	17000	14400	9.5	1
GW S6 435 GD	Elliptical	4000 K (CRI 80)	125 W	17000	13600	9.5	1
Versions: 5700K cold light							
GW S6 432 GD57K	30°	5700 K (CRI 80)	125 W	17000	13300	9.5	1
GW S6 433 GD57K	60°	5700 K (CRI 80)	125 W	17000	13600	9.5	1
GW S6 434 GD57K	90°	5700 K (CRI 80)	125 W	17000	14400	9.5	1
GW S6 435 GD57K	Elliptical	5700 K (CRI 80)	125 W	17000	13600	9.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

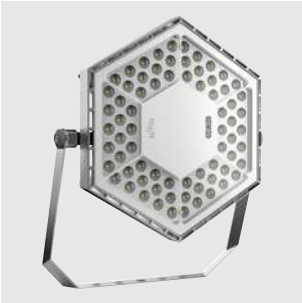
Photometric distributions



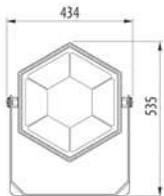
ESALITE FL - 20K



ESALITE FL - 20K - FLOODLIGHTS WITH GLASS VERSIONS



GW S6 442 GD



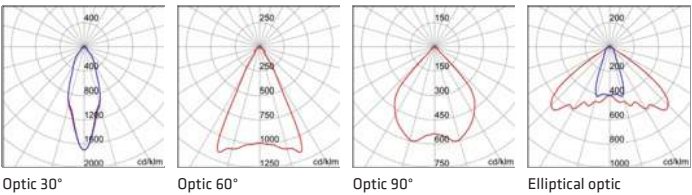
LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 442 GD30K	30°	3000 K (CRI 80)	148 W	18000	14400	9.5	1
GW S6 443 GD30K	60°	3000 K (CRI 80)	148 W	18000	14700	9.5	1
GW S6 444 GD30K	90°	3000 K (CRI 80)	148 W	18000	15600	9.5	1
GW S6 445 GD30K	Elliptical	3000 K (CRI 80)	148 W	18000	14700	9.5	1
Versions: 4000K natural light							
GW S6 442 GD	30°	4000 K (CRI 80)	148 W	20000	15500	9.5	1
GW S6 443 GD	60°	4000 K (CRI 80)	148 W	20000	15800	9.5	1
GW S6 444 GD	90°	4000 K (CRI 80)	148 W	20000	16800	9.5	1
GW S6 445 GD	Elliptical	4000 K (CRI 80)	148 W	20000	15800	9.5	1
Versions: 5700K cold light							
GW S6 442 GD57K	30°	5700 K (CRI 80)	148 W	20000	15500	9.5	1
GW S6 443 GD57K	60°	5700 K (CRI 80)	148 W	20000	15800	9.5	1
GW S6 444 GD57K	90°	5700 K (CRI 80)	148 W	20000	16800	9.5	1
GW S6 445 GD57K	Elliptical	5700 K (CRI 80)	148 W	20000	15800	9.5	1

NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

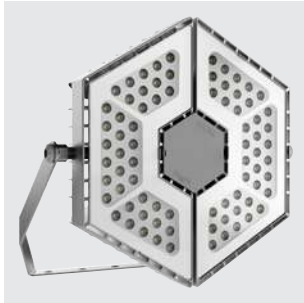
Photometric distributions



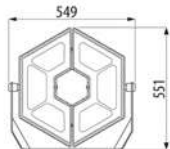
ESALITE FL - 24K



ESALITE FL - 24K - FLOODLIGHTS WITH GLASS VERSIONS



GW S6 452 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



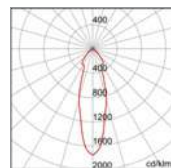
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 452 GD30K	30°	3000 K (CRI 80)	210 W	27000	20200	13.7	1
GW S6 453 GD30K	60°	3000 K (CRI 80)	210 W	27000	20600	13.7	1
GW S6 454 GD30K	90°	3000 K (CRI 80)	210 W	27000	21900	13.7	1
GW S6 455 GD30K	Elliptical	3000 K (CRI 80)	210 W	27000	20600	13.7	1
Versions: 4000K natural light							
GW S6 452 GD	30°	4000 K (CRI 80)	210 W	29000	21700	13.7	1
GW S6 453 GD	60°	4000 K (CRI 80)	210 W	29000	22200	13.7	1
GW S6 454 GD	90°	4000 K (CRI 80)	210 W	29000	23600	13.7	1
GW S6 455 GD	Elliptical	4000 K (CRI 80)	210 W	29000	22200	13.7	1
Versions: 5700K cold light							
GW S6 452 GD57K	30°	5700 K (CRI 80)	210 W	29000	21700	13.7	1
GW S6 453 GD57K	60°	5700 K (CRI 80)	210 W	29000	22200	13.7	1
GW S6 454 GD57K	90°	5700 K (CRI 80)	210 W	29000	23600	13.7	1
GW S6 455 GD57K	Elliptical	5700 K (CRI 80)	210 W	29000	22200	13.7	1

NOTES: equipped with 2 DALI drivers (2 distinct addresses). Voltage current 220-240V 50/60Hz.

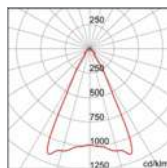
Technical data may change due to the continuous evolution of LED technology.

The nominal flux is referred to Tj=85°C.

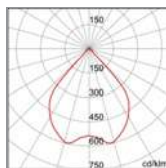
Photometric distributions



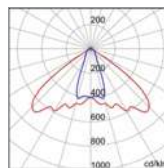
Optic 30°



Optic 60°



Optic 90°

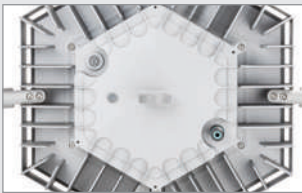


Elliptical optic

Esalite FL



DUAL WIRING



Apart from standard wiring with a 5-pole input, ESALITE can be supplied with a second input (230V and Dali) thanks to a specific pre-arrangement on the back of the heatsink.

4 OPTICS



An in-depth lighting engineering study has led to the development of optic systems that guarantee the maximum adaptability to any application context. The result is a solution that can be technically adapted to any project to ensure top quality and innovation.

RELIABLE



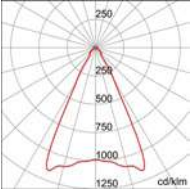
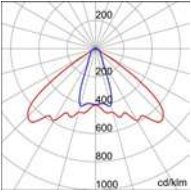
ESALITE offers details that make it extremely robust: the IP66 degree of protection make it resistant to dust and humidity, while the IK08 tempered glass ensures resistance to impact and vandalism.

Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	RAL 9006 Grey
MATERIALS	
Lenses	PMMA
Shield	Tempered glass 4 mm
Body	EN 46100 die-cast aluminium

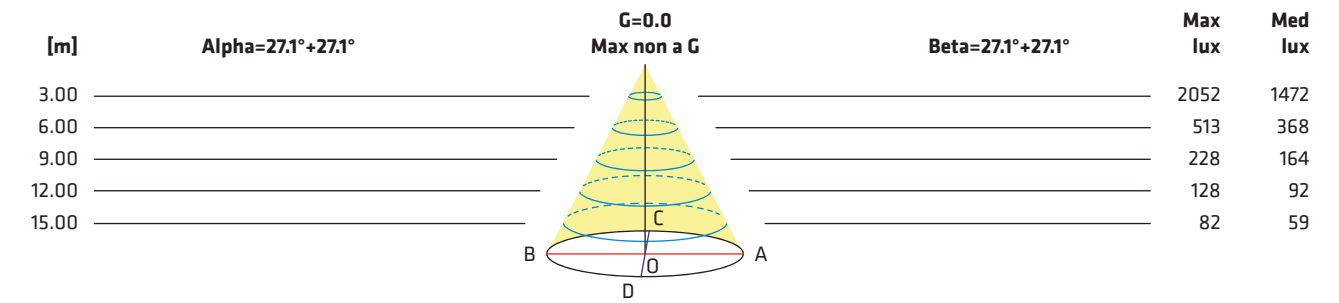
IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
OVERVOLTAGE PROTECTION	> 6kv
MARKS	CE  

Project Data

Optics	Series	Photometric distribution	H inst.	Light print	E med
60°	24K		15 m	15,38 m	59
			12 m	12,30 m	92
			9 m	9,23 m	164
Optics	Series	Photometric distribution	H inst.	Light print	E med
ELLITTICA	24K		15 m	40,3 x 10,7 m	28
			12 m	32,3 x 8,6 m	44
			9 m	24,2 x 6,4 m	79

Project Data

60° optic

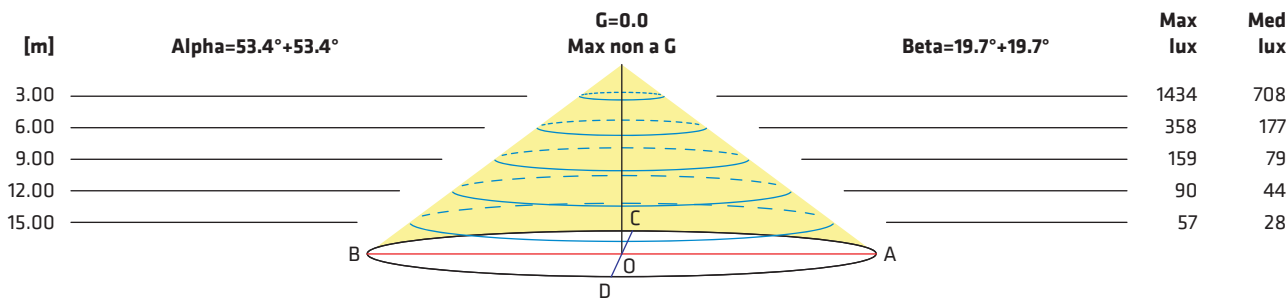


H[m]	D[m]	Max lux	Med lux	Alpha=27.1°+27.1°	G=0.0 Max non a G	
3.00	3.08	2052	1472			
6.00	6.15	513	368			
9.00	9.23	228	164			
12.00	12.30	128	92			
15.00	15.38	82	59			

H[m]	D[m]	Max lux	Med lux	Beta=27.1°+27.1°	G=0.0 Max non a G	
3.00	3.08	2052	1472			
6.00	6.15	513	368			
9.00	9.23	228	164			
12.00	12.31	128	92			
15.00	15.38	82	59			

Project Data

Elliptical Optic



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0 Max non a G	
3.00	8.07	1434	708			
6.00	16.14	358	177			
9.00	24.21	159	79			
12.00	32.28	90	44			
15.00	40.35	57	28			

H[m]	D[m]	Max lux	Med lux	Beta=19.7°+19.7°	G=0.0 Max non a G	
3.00	2.15	1434	708			
6.00	4.30	358	177			
9.00	6.44	159	79			
12.00	8.59	90	44			
15.00	10.74	57	28			

Horus

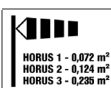
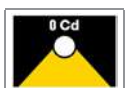
Technopolymer floodlights

This technopolymer floodlight guarantees high mechanical resistance and excellent resistance to UV rays, making it ideal for use in both indoor and outdoor contexts. HORUS is available with a wide choice of optics, suitable for sports environments too.



Technical characteristics page 59

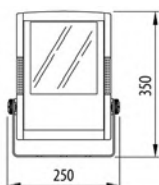
HORUS 1



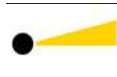
ASYMMETRICAL OPTICS



GW 85 301 M

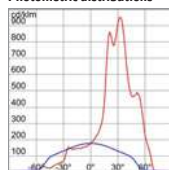


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

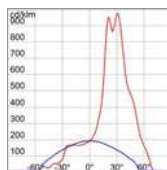


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 301 S	70 W	SD	RX7s	1 A	Smoke grey	3.7	1
GW 85 301 M	70 W	MD	RX7s	1 A	Smoke grey	3.7	1

Photometric distributions



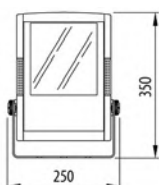
70 W SD



70 W MD



GW 85 391



UNWIRED VERSIONS



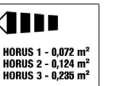
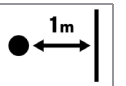
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 391	70 W	RX7s	Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder, terminal block.

The devices are supplied with standard service items.

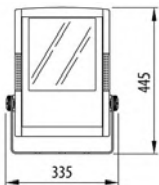
HORUS 2



SYMMETRICAL OPTIC



GW 85 002 S



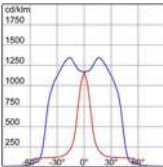
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



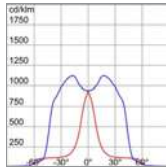
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 002 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 002 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1

* Lamps without built-in ignitor.

Photometric distributions



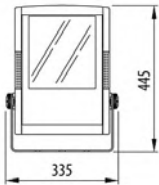
150 W SD



150 W MD



GW 85 091



UNWIRED VERSIONS



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 091	150 W	RX7s	Smoke grey	3.9	1

APPLICATIONS: GW85091, device suitable for 70 and 150 W lamps.

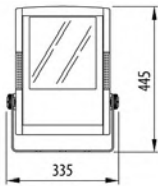
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

ASYMMETRICAL OPTICS



GW 85 033 S

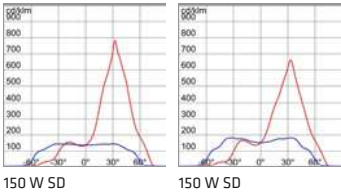


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 033 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 033 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1

* Lamps without built-in ignitor.

Photometric distributions

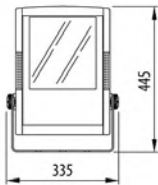


150 W SD

150 W SD



GW 85 093



UNWIRED VERSIONS

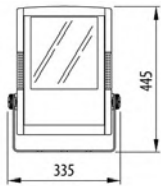
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 093	150 W	RX7s	Smoke grey	4	1

APPLICATIONS: GW85093, device suitable for 70 and 150 W lamps.
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

CIRCULAR OPTIC



GW 85 095



UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 095	150 W	RX7s	Smoke grey	4.1	1

APPLICATIONS: GW85095, device suitable for 70 and 150 W lamps.
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



GW 88 291

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 88 291	Tempered glass	1.4	1

HORUS 3

IP 65

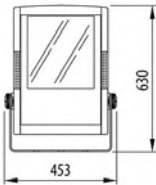
IK 09

GWT 650°C

SYMMETRICAL DIFFUSED OPTICS



GW 85 104 M

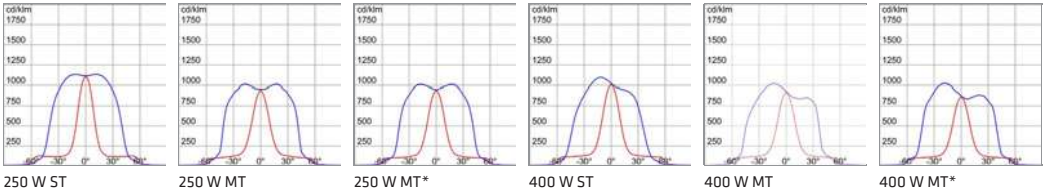


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

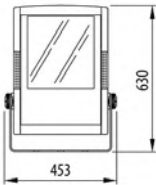
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 101 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 101 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 102 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 104 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 104 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 105 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Photometric distributions



GW 85 191



UNWIRED VERSION

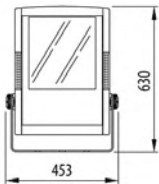
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 191	400 W	E40	Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

ASYMMETRICAL DIFFUSED OPTICS



GW 85 133 M



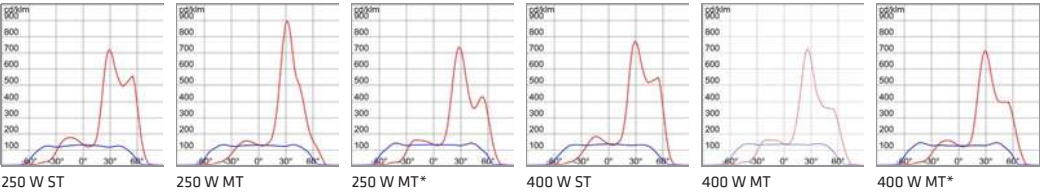
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



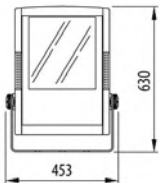
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 131 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 131 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 132 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 133 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 133 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 134 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Photometric distributions



GW 85 192



UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 192	400 W	E40	Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 85 181	Anti-glare louvre	Smoke grey	2.1	1/5
GW 85 182	Protective wire guard		1.7	1/4
GW 85 184	Visor	Smoke grey	3.6	1/2
GW 85 185	Diffused glass		2.6	1/2



SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 88 293	Tempered glass for symmetric / asymmetric optics	2.4	1

GW 88 293

Horus



ANTI-CONDENSATION DEVICE



The special anti-condensation Gore-Tex membrane mounted on the HORUS 3 versions makes compensation of the internal pressure easier and prevents needless mechanical stresses on glass and seals.

QUICK INSTALLATION



To simplify and speed up the installation operations, the HORUS floodlights are packaged and sold with the bracket dismantled and already complete with the coupling accessories.

THE QUALITY OF TECHNOLOGY



When applied to the lighting industry, GEWISS' extensive know-how with regards to plastic materials guarantees an excellent degree of reliability of the products, certified with a 5-year warranty.

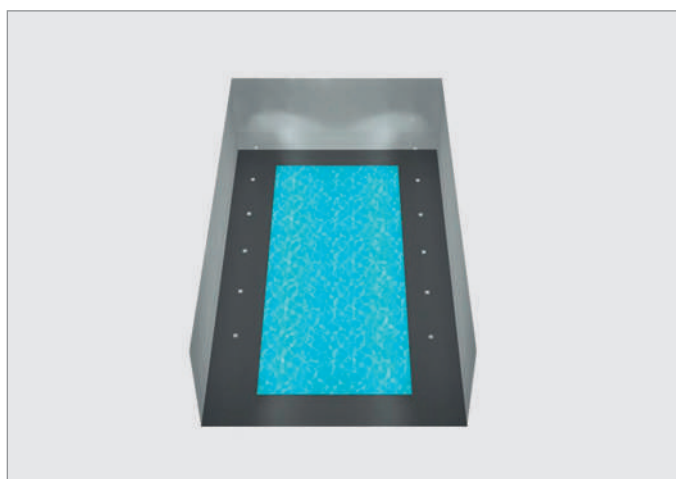
Technical characteristics

INSTALLATION	External / Internal (Horus1)
COLOUR	Smokey grey
MATERIALS	
Body	Technopolymer PA6.6+GF
Reflector	Polished aluminium 99.85%
Shield	Flat glass 4 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP65
IK RESISTANCE	IK09
INSULATION CLASS	II
MARKS	CE 

Technical solutions

Project: indoor swimming pool



Length [m]	40
Width [m]	20
Activity	SPORT - Indoor swimming pool
Class	EN 12193
Eave [lx]	200
Emin/Eave	0.6
Luminaire	
	GW85134M HORUS 3 400 W MT
Number of poles	4
Pole height	12
Number of floodlights	16
Number of floodlights per pole	4
Eave [lx]	200
Emin/Eave	0.6

Genius

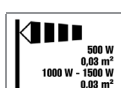
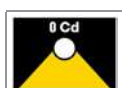
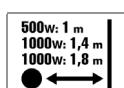
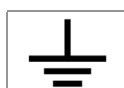
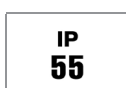
Multifunction floodlights for fixed or portable applications

Suitable for either fixed or mobile use in both indoor and outdoor contexts, the Genius floodlight in die-cast aluminium is painted with polyester powders to ensure the best possible protection against corrosion.



Technical characteristics page 62

GENIUS



FIXED APPLICATION



GW 84 201

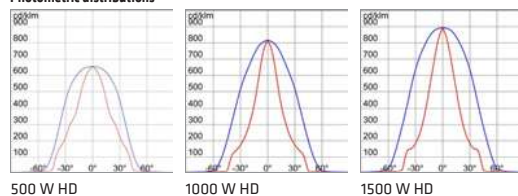
FLOODLIGHTS - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 201	500 W	HD	R7s	2.1 A	Graphite grey	1.2	1/12
GW 84 215	500 W	HD	R7s	2.1 A	White	1.2	1/12
GW 84 202	1000 W	HD	R7s	4.3 A	Graphite grey	3	1
GW 84 203	1500 W	HD	R7s	6.5 A	Graphite grey	3	1

CHARACTERISTICS: GW84201 - GW84215 also suitable for 120W - 400W lamps.
GW84202 also suitable for 750W lamps.

Photometric distributions



500 W HD

1000 W HD

1500 W HD



MOBILE APPLICATION



GW 84 204

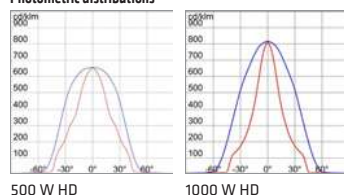
FLOODLIGHTS ON TUBULAR SUPPORT - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 204	500 W	HD	R7s	2.1 A	Graphite grey	2.8	1
GW 84 205	1000 W	HD	R7s	4.3 A	Graphite grey	4.8	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16A 2P+E 200-250V - IP67.
GW84204: also suitable for 120W - 400W lamps; GW84205: also suitable for 750W lamps.

Photometric distributions



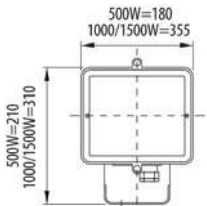
500 W HD

1000 W HD





GW 84 220



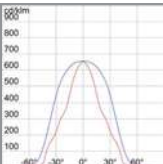
FLOODLIGHTS ON ADJUSTABLE TELESCOPIC SUPPORT (MIN 1 M - MAX 1.4 M) - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 220	500 W	HD	R7s	2.1 A	Graphite grey	4.6	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16A 2P+E 200-250V - IP67.
also suitable for 120W - 400W lamps.

Photometric distributions



500 W HD

COMPLEMENTARY ITEMS



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Suitable for	Dimensions (mm)	Colour	Weight (kg)	Pack Carton
GW 84 213	Protective wire guard	500 W	180x150		0.1	1/5
GW 84 214	Protective wire guard	1000/1500W	350x220		0.2	1/5
GW 84 221	Barn door shutter	500 W	300x340	Graphite grey	0.4	1/5
GW 84 222	Anti-glare louvre	1000/1500W	340x215	Graphite grey	0.6	1/5
GW 84 223	Spike	500 W	255x30		0.1	1/5



GW 88 202

SPARE PARTS

Code	Description	Suitable for	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 202	Tempered glass	500 W	150x180	0.3	1/5
GW 88 223	Tempered glass	1000W	350x220	0.9	1/5
GW 88 203	Tempered glass	1500W	350x220	0.9	1/5

Genius



HIGH RESISTANCE TO ATMOSPHERIC AGENTS



The painting with thermosetting polyester powders, and the galvanised steel bracket painted in the same colour as the product, ensure not only optimum resistance to corrosion but also an attractive appearance of good quality.

HIGH LEVEL OF ROBUSTNESS



The floodlights of the GENIUS range are extremely robust, and are therefore perfectly suitable for portable applications on construction sites.

EASY ACCESSIBILITY

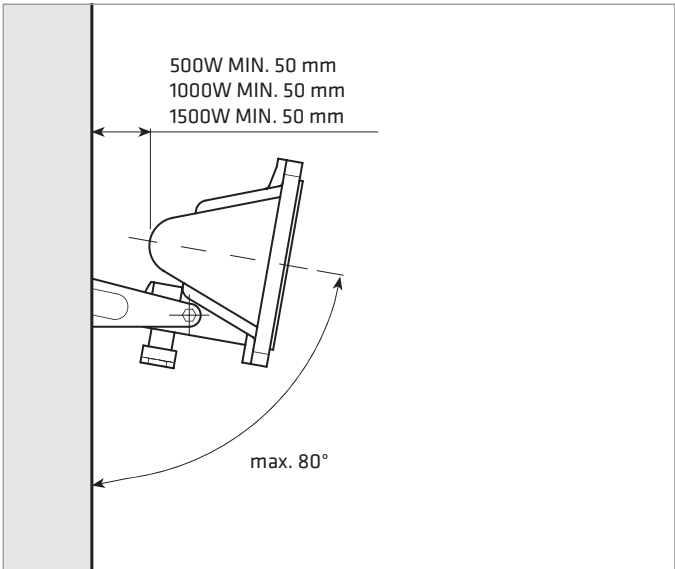
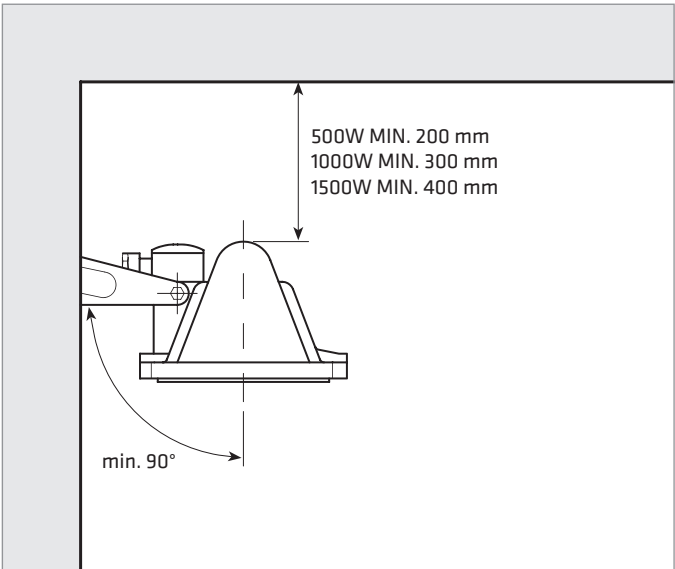


The external power supply compartment facilitates access to the cable gland and the power supply terminal.

Technical characteristics

INSTALLATION	External / Internal (max 400 W)
COLOUR	Graphite grey / White
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.8%
Shield	Flat glass 5 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP55
IK RESISTANCE	IK10
INSULATION CLASS	I
MARKS	CE 



Mercurio

Low and medium power aluminium floodlights

The outdoor floodlight in die-cast aluminium with low and medium power is distinguished for its wide selection of optics (symmetrical, asymmetrical, circular and street), and its compact design. Mercurio meets every design requirement and can be used in urban, industrial and sports contexts. The devices are also available in Hot Restrike versions.



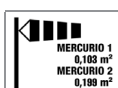
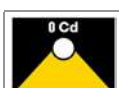
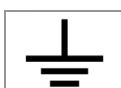
Technical characteristics page 68

MERCURIO 1



IP
66

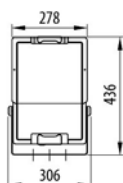
IK
07 IK
09
MERCURIO 1 MERCURIO 2



SYMMETRICAL OPTICS



GW 84 014 M



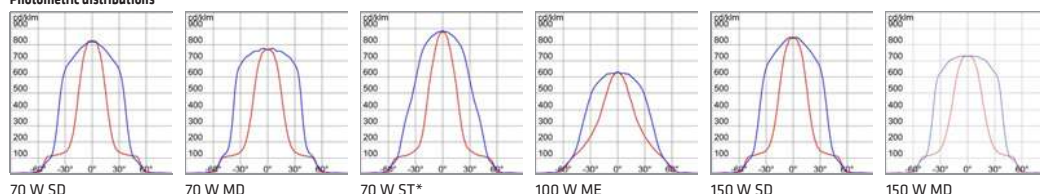
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 011 S	70 W	SD	RX7s	1 A	Graphite grey	5.6	1
GW 84 011 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 012 S	70 W	ST*	E27	1 A	Graphite grey	5.7	1
GW 84 013 M	100 W	ME	E27	1.1 A	Graphite grey	5.8	1
GW 84 014 S	150 W	SD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 014 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1

* Lamps without built-in ignitor.

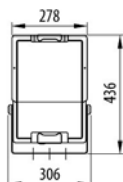
Photometric distributions



ASYMMETRICAL OPTICS



GW 84 032 M

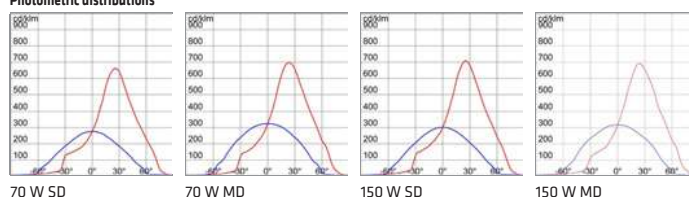


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



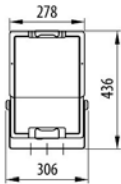
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 031 S	70 W	SD	RX7s	1 A	Graphite grey	5.6	1
GW 84 031 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 032 S	150 W	SD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 032 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1

Photometric distributions





GW 84 085



UNWIRED VERSIONS



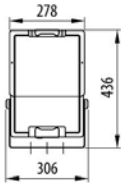
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 085	150 W	RX7s	Graphite grey	4.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder with cables, terminal block. The devices are supplied with standards service items.

CIRCULAR OPTICS



GW 84 042 M

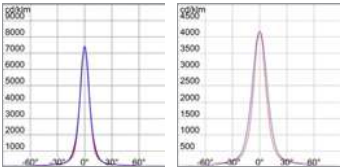


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 041 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 042 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1

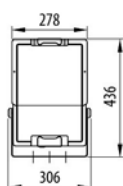
Photometric distributions



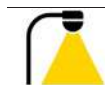
STREET OPTICS



GW 84 053

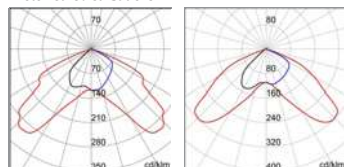


WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 052	70 W	MT	G12	1 A	Graphite grey	5.6	1
GW 84 053	150 W	MT	G12	1.8 A	Graphite grey	6.8	1

Photometric distributions



70 W MT

150 W MT

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Pack Carton
GW 84 072	Visor	Smoke grey	1/2
GW 84 073	Rectangular anti-glare	Smoke grey	1/5
GW 84 075	Protective wire guard	Smoke grey	1/5
GW 84 076	Barn door shutter	Smoke grey	1/5



GW 84 071

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 071	Tempered glass for symm./asymm./circ. optic	239x360	1.1	1

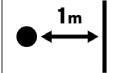
MERCURIO 2



IK 07

IK 09

MERCURIO 1 MERCURIO 2



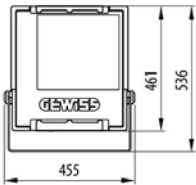


MERCURIO 1
0,103 m²
MERCURIO 2
0,199 m²

SYMMETRICAL OPTIC



GW 85 403 S



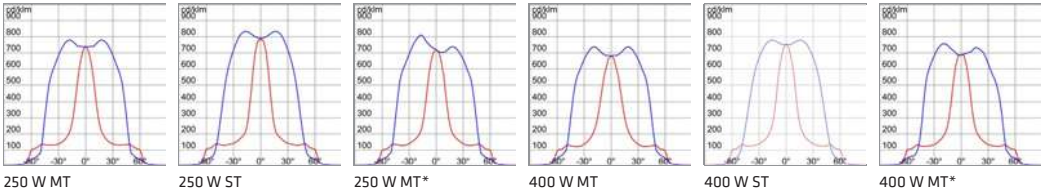
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



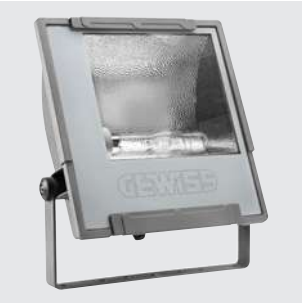
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 401 M	250 W	MT	E40	3 A	Graphite grey	9.8	1
GW 85 401 S	250 W	ST	E40	3 A	Graphite grey	9.8	1
GW 85 402 M	250 W	MT*	E40	2.2 A	Graphite grey	9.8	1
GW 85 403 M	400 W	MT	E40	4.2 A	Graphite grey	11.7	1
GW 85 403 S	400 W	ST	E40	4.2 A	Graphite grey	11.7	1
GW 85 404 M	400 W	MT*	E40	3.4 A	Graphite grey	9.5	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

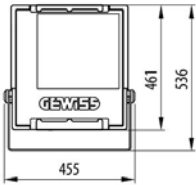
Photometric distributions



ASYMMETRICAL OPTIC



GW 85 423 S



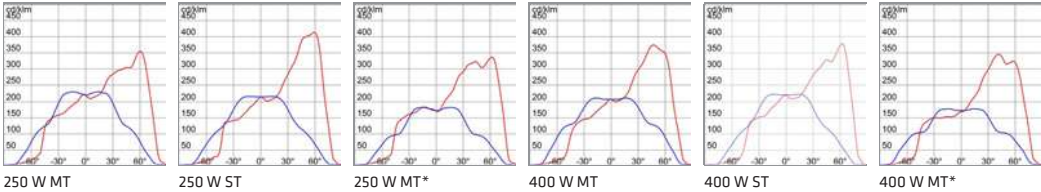
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



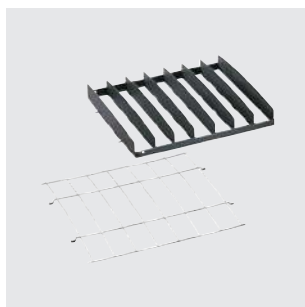
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 421 M	250 W	MT	E40	3 A	Graphite grey	9.8	1
GW 85 421 S	250 W	ST	E40	3 A	Graphite grey	9.8	1
GW 85 422 M	250 W	MT*	E40	2.2 A	Graphite grey	9.8	1
GW 85 423 M	400 W	MT	E40	4.2 A	Graphite grey	11.7	1
GW 85 423 S	400 W	ST	E40	4.2 A	Graphite grey	11.7	1
GW 85 424 M	400 W	MT*	E40	3.4 A	Graphite grey	9.5	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Photometric distributions



COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 85 481	Rectangular anti-glare	Smoke grey	0.5	1/5
GW 85 482	Protective wire guard		0.2	1/5



GW 85 483

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 85 483	Tempered glass for symmetric / asymmetric optics	400x420	2.5	1/4

Mercurio



URBAN SOLUTIONS



Can be used in an urban environment. The Mercurio 1 system includes single and double pole head brackets, brackets for intermediate application on poles, and painted steel poles.

EASY INSTALLATION



Quick installation and maintenance made easier by the quick-release glass closure. The handle also has a screw that prevents tampering-

FEED-THROUGH WIRING



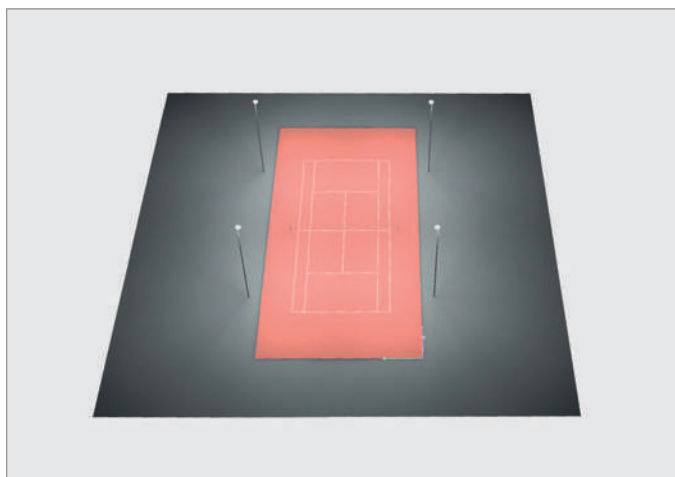
Feed-through wiring can be made between the floodlights, creating the electric junction directly from the terminal block. Implementation of the Mercurio 2 range in class 2 is possible.

Technical characteristics

INSTALLATION	External / Internal (Mercurio 1)
COLOUR	Graphite grey or Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 4 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP66
IK RESISTANCE	IK10 (MERCURIO1) / IK09 (MERCURIO2)
INSULATION CLASS	I
MARKS	CE 

Project: outdoor tennis court



Length [m]	36
Width [m]	18
Activity	SPORT - outdoor tennis
Class	EN 12193
Eave [lx]	200
Emin/Eave	0.6
Luminaire	GW85424M MERCURIO 2 400 W MT
Number of poles	4
Pole height	12
Number of floodlights	16
Number of floodlights per pole	4
Eave [lx]	200
Emin/Eave	0.6

Titano

Medium and high power aluminium floodlights

Floodlight in die-cast aluminium for outdoor use. Medium power, with separate wiring and optical compartments. The front opening can be adjusted with manual clip hooks to facilitate installation and maintenance. Also available in versions that meet the requisites of the Atex directive.



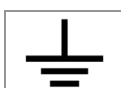
Technical characteristics page 73

TITANO

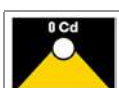


**IP
66**

**IK
10**



**1m ≤ 400w
3m ≥ 600w**

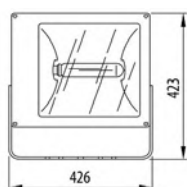


0,15 m²

SYMMETRICAL DIFFUSED OPTICS



GW 84 461 S



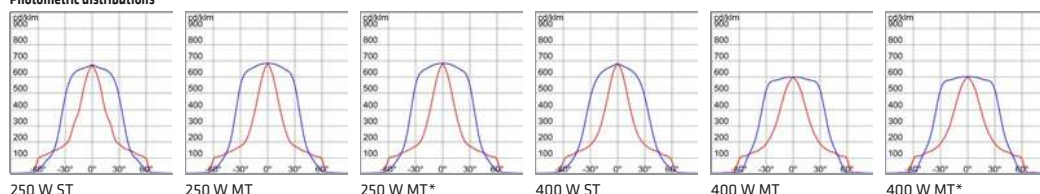
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 461 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 461 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 465 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 464 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 464 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 466 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Photometric distributions



UNWIRED VERSION

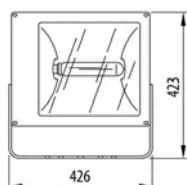


Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 433	400 W	E40	Graphite grey	7.7	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

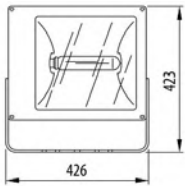
GW 84 433



ASYMMETRICAL DIFFUSED OPTICS



GW 84 491 S



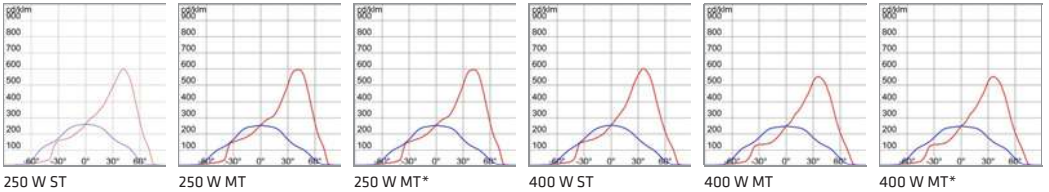
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

WITH LAMP

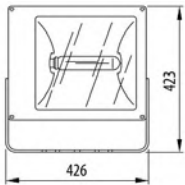
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 491 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 491 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 495 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 494 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 494 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 496 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Photometric distributions



GW 84 434

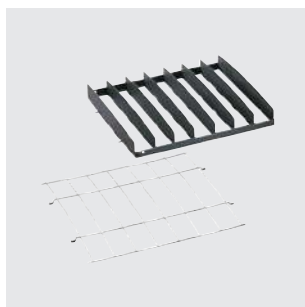


UNWIRED VERSION

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 434	400 W	E40	Graphite grey	7.7	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 407	Protective wire guard		310x270	0.2	1/5
GW 84 408	Anti-glare louvre	Graphite grey	300x270	0.9	1/5



GW 84 783

OPTIC AIMING DEVICE

Code	Material	Pack Carton
GW 84 783	Optic aiming device	1
GW 84 784	Pointer support	1

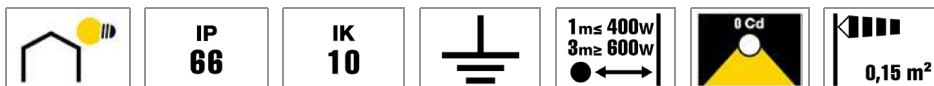


GW 88 284

SPARE PARTS

Code	Description	Type	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 284	Tempered transparent glass	For frame with slots or hooks	390x307x5	1.4	1/5
GW 88 260	Tempered transparent glass	For frame Without slots	390x301x5	1.4	1/5

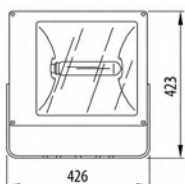
ATEX VERSION - ZONE 2 (G) - ZONE 22 (D)



SYMMETRICAL DIFFUSED OPTICS



GW 84 581 S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 581 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 581 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 582 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 583 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 583 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 584 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

* Lamp with striking voltage of $0.7 \pm 1kV$.

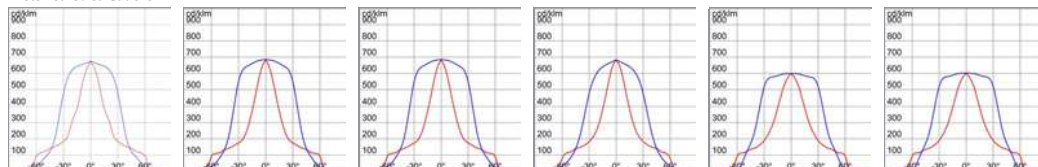
ATEX classification: Group II Category 3 GD.

Gas protection mode: nR.

Dust protection mode: tc.

Ambient temperature: $-20^{\circ}C$ Glt; $-Ta$ Glt; $+25^{\circ}C$.

Photometric distributions



250 W ST

250 W MT

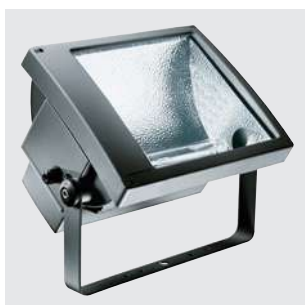
250 W MT*

400 W ST

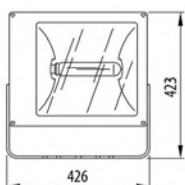
400 W MT

400 W MT*

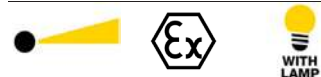
ASYMMETRICAL DIFFUSED OPTICS



GW 84 591 S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 591 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 591 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 592 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 594 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

* Lamp with striking voltage of $0.7 \pm 1kV$.

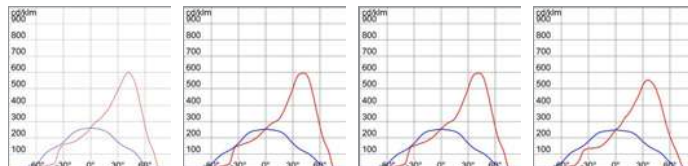
ATEX classification: Group II Category 3 GD.

Gas protection mode: nR.

Dust protection mode: tc.

Ambient temperature: $-20^{\circ}C$ Glt; $-Ta$ Glt; $+25^{\circ}C$.

Photometric distributions



250 W ST

250 W MT

250 W MT*

400 W MT*

Titano



ATEX



The TITANO range is completed with the ATEX versions, that can be installed in environments classified: Zone 2 (G) - Zone 22 (D).

QUICK OPENING



The front is opened with 4 stainless steel hooks that can be opened manually without the use of tools. The bottom hooks are with hinge to support the frame when opened.

SAFETY



The versions with 250 W and 400 W power are equipped with explosion-proof capacitors. These guarantee the absolute electrical safety during use, and the complete protection of the electrical components and lamp.

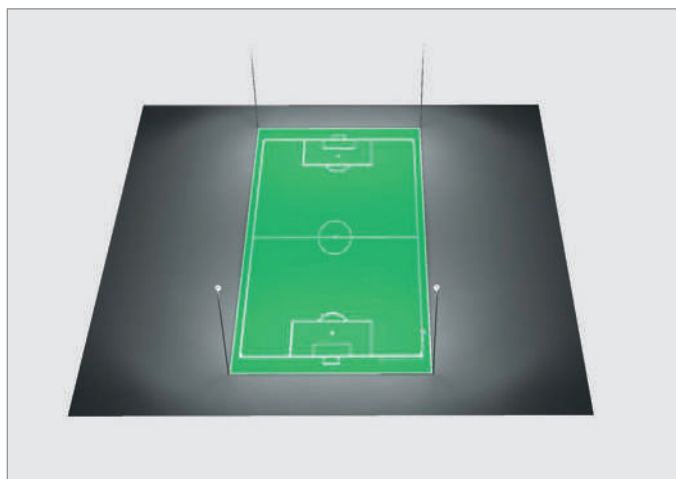
Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 5 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP66
IK RESISTANCE	IK10
INSULATION CLASS	I
MARKS	CE  

Technical solutions

Project: 5-a-side football pitch



Length [m]	40
Width [m]	20
Activity	SPORT - 5-a-side football
Class	EN 12193
Eave [lx]	200
Emin/Eave	0.6
Luminaire GW84494M TITANO Standard version - 400 W MT	
Number of poles	4
Pole height	12
Number of floodlights	16
Number of floodlights per pole	4
Eave [lx]	200
Emin/Eave	0.6

Colosseum

High power aluminium floodlights

A high-power (up to 2000W) floodlight in die-cast aluminium treated with trivalent passivation and painted with polyester powders. Colosseum comes with a selection of optics: symmetrical diffused, symmetrical restricted and asymmetrical. In addition, it is fitted with an anti-condensation device made of Gore-Tex to compensate the internal pressure.



Technical characteristics page 78

COLOSSEUM



SYMMETRICAL DIFFUSED OPTICS



GW 84 647

WIRED VERSIONS - IP66 - CLASS I



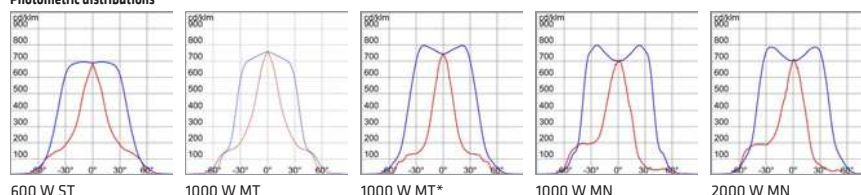
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 646	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 647	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 648	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 649	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 644	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. GW84649 and GW84644 suitable for long- arc HID lamp.

Photometric distributions



GW 84 693

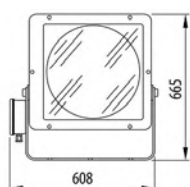
UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 693	1000 W	E40	Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

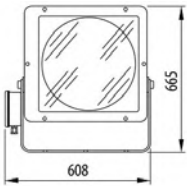
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.



SYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 747



WIRED VERSIONS - IP66 - CLASS I



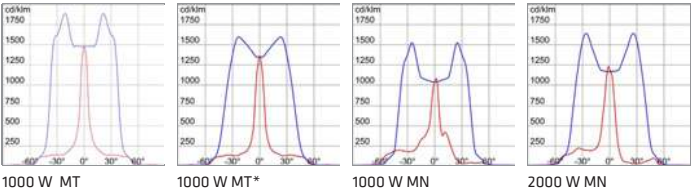
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 747	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 748	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 749	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 744	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

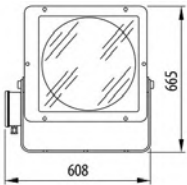
ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. GW84749 and GW84744 suitable for long- arc HID lamp.

Photometric distributions



GW 84 695



UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 695	1000 W	E40	Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

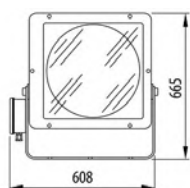
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

Colosseum

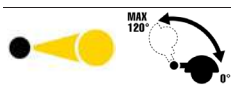
CIRCULAR OPTICS



GW 84 657



WIRED VERSIONS - IP66 - CLASS I

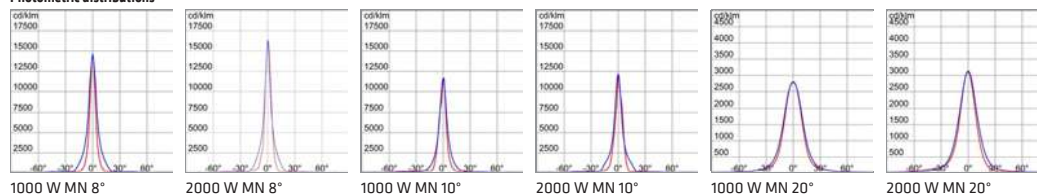


Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Beam: Restricted - 8°							
GW 84 656	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 657	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
Beam: Medium - 10°							
GW 84 754	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 755	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
Beam: Diffused - 20°							
GW 84 756	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 757	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. To be used for angles between 0 and 120°. Versions for short-arc discharge lamps.

Photometric distributions



COMPLEMENTARY ITEMS



GW 84 611

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 611	600 W	ST	6.2 A	230 V - 50 Hz	10.6	1
GW 84 616	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	13.7	1
GW 84 627	1000 W	MT	8.25 A	230 V - 50 Hz	11	1
GW 84 628	1000 W	MT	8.25 A	240 V - 50 Hz	11	1
GW 84 629	1000 W	MT	8.25 A	220 V - 60 Hz	11	1
GW 84 621	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	18.5	1

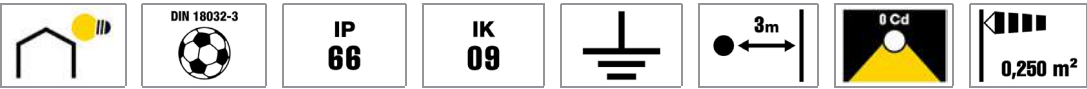


GW 84 639

SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 637	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	11.5	1
GW 84 638	1000 W	MT	8.25 A	230 V - 50 Hz	8.8	1
GW 84 639	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	16.3	1

COLOSSEUM RANGE COMMON ARTICLES



COMPLEMENTARY ITEMS



GW 84 783

OPTIC AIMING DEVICE

Code	Description	Pack Carton
GW 84 783	Optic aiming device	1
GW 84 784	Pointer support	1



GW 88 261

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 261	Tempered transparent glass	468x439x4	2.1	1/2
GW 88 285	Tempered diffused glass	468x439x4	2.1	1/2

GW88285: spare part for diffused beam floodlights GW84756, GW84757 and GW84771.

Colosseum



SEPARATE OPENINGS



The front or rear opening, adjusted with unlosable stainless steel screws, makes it possible not to change the pointing of the device during maintenance operations.

BREATHER DEVICE



The goniometer incorporates a special breather mechanism that lets the floodlight compensate the internal pressure and therefore prevents condensation build-up.

HOT RESTRIKE



The hot re-ignition version of COLOSSEUM consists of a special supply unit and a dedicated floodlight to guarantee the hot re-ignition of the 2000W metal halides discharge lamp.

Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 4 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP66
IK RESISTANCE	IK09
INSULATION CLASS	I
MARKS	CE   

Technical solutions

Project: 11-a-side football pitch



Length [m]	105
Width [m]	65
Activity	SPORT - 11-a-side football
Class	EN 12193
Eave [lx]	75
Emin/Eave	0.5

Luminaire	GW84757 COLOSSEUM Traditional wiring 2000 W MN cable - 20°
Number of poles	4
Pole height	25
Number of floodlights	8
Number of floodlights per pole	2
Eave [lx]	108
Emin/Eave	0.55

Stadium

High power aluminium floodlights

High-power outdoor floodlight (2000W) for lighting large areas. Stadium comes with a choice of optics: diffused symmetrical, restricted symmetrical and asymmetrical. Lamp changes are easy thanks to the separate hinged opening on the product body.



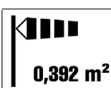
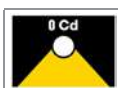
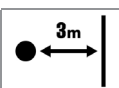
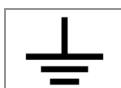
Technical characteristics page 81

STADIUM



IP
66

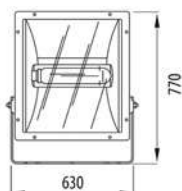
IK
09



SYMMETRICAL DIFFUSED OPTICS



GW 84 662



WIRED VERSIONS - IP66 - CLASS I



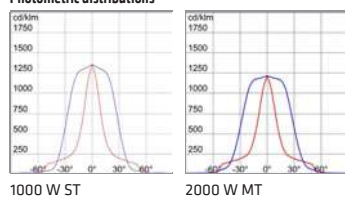
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 662	1000 W	ST	E40	10.3 A	Graphite grey	24.1	1
GW 84 663	2000 W	MT	E40	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: GW84662: ignitor.

GW84663: ignitor not included, floodlight suitable for 380/400V lamps with built-in ignitor.

NOTES: to be used with the relative supply unit.

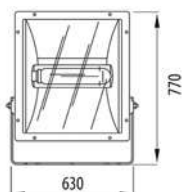
Photometric distributions



ASYMMETRICAL OPTIC



GW 84 667



WIRED VERSIONS - IP66 - CLASS I

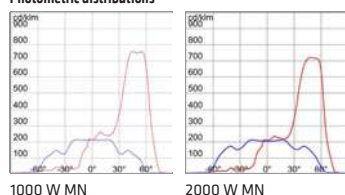


Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 667	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	24.1	1
GW 84 668	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. Suitable for long- arc HID lamp.

Photometric distributions



OPTICAL COMPONENTS



GW 84 783

OPTIC AIMING DEVICE

Code	Material	Pack Carton
GW 84 783	Optic aiming device	1
GW 84 784	Pointer support	1

COMPLEMENTARY ITEMS



GW 84 616

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 616	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	13.7	1
GW 84 621	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	18.5	1



GW 84 639

SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 637	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	11.5	1
GW 84 639	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	16.3	1



GW 88 262

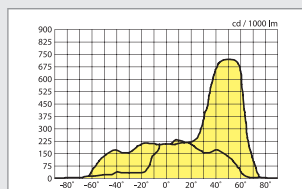
SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 262	Tempered transparent glass	614x548x5	4.1	1/2

Stadium



LIGHT POLLUTION



The version with asymmetrical optic guarantees light emission, that can illuminate even at large distances while fully respecting the laws regarding light pollution.

SEPARATE OPENINGS



The double opening (front and rear), with a hinge with unlosable stainless steel screws, makes it easier to carry out maintenance and installation operations without compromising the pointing of the device.

SPECIAL GORE-TEX MEMBRANE



The special Gore-Tex membrane facilitates the compensation of the inner pressure and reduces mechanical stress on the glass and gaskets.

Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 5 mm
Bracket	Painted galvanised steel

IP PROTECTION	IP66
IK RESISTANCE	IK10
INSULATION CLASS	I
MARKS	CE 

Technical solutions

Project: 11-a-side football pitch



Length [m]	105
Width [m]	65
Activity	SPORT - 11-a-side football
Class	EN 12193
Eave [lx]	200
Emin/Eave	0.6

Luminaire	GW84668 STADIUM 2000 W MN
Number of poles	4
Pole height	25
Number of floodlights	16
Number of floodlights per pole	4
Eave [lx]	200
Emin/Eave	0.6

Urban and green lighting areas

Esalite PL NEW PRODUCT

LED FLOODLIGHTS FOR GREEN AREAS



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Urban [O₃]

URBAN LIGHTING SYSTEMS



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Saturno

ARCHITECTURAL FLOODLIGHTS



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Dedalo

ARCHITECTURAL FLOODLIGHTS



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Trilight

BOLLARDS



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Point

GARDEN LIGHTING DEVICES



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Extro

MULTIFUNCTIONAL ILLUMINATION DEVICES



page 110

Esalite PL NEW PRODUCT

LED floodlights for green areas

ESALITE, a new product in the technical LED range of industrial lighting. Long-lasting reliability and top performance are the fundamental features of this high bay, designed for both outdoor and indoor contexts. In addition, streamlined geometry and a multitude of uses make it ideal as either a floodlight or a pole-mounted light. Excellent performance combined with many high quality features make ESALITE the perfect blend of technology and design, even for the most extreme applications. An idea of perfection.

Technical characteristics page 92



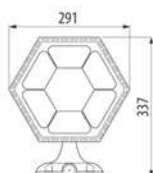
ESALITE PL - 6K



ESALITE PL - 6K - ARCHITECTURAL VERSIONS WITH GLASS



GW S6 512 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



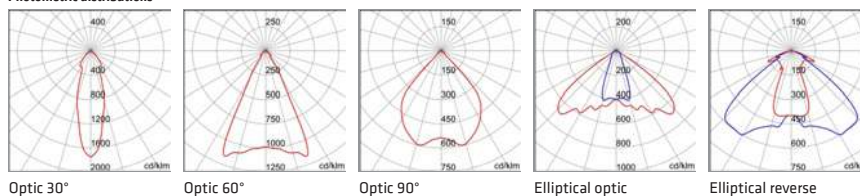
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 512 GD30K	30°	3000 K (CRI 80)	52 W	6700	5300	3.8	1
GW S6 513 GD30K	60°	3000 K (CRI 80)	52 W	6700	5400	3.8	1
GW S6 514 GD30K	90°	3000 K (CRI 80)	52 W	6700	5800	3.8	1
GW S6 515 GD30K	Elliptical	3000 K (CRI 80)	52 W	6700	5400	3.8	1
GW S6 516 GD30K	Elliptical reverse	3000 K (CRI 80)	52 W	6700	5400	3.8	1
Versions: 4000K natural light							
GW S6 512 GD	30°	4000 K (CRI 80)	52 W	7200	5700	3.8	1
GW S6 513 GD	60°	4000 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 514 GD	90°	4000 K (CRI 80)	52 W	7200	6200	3.8	1
GW S6 515 GD	Elliptical	4000 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 516 GD	Elliptical reverse	4000 K (CRI 80)	52 W	7200	5800	3.8	1
Versions: 5700K cold light							
GW S6 512 GD57K	30°	5700 K (CRI 80)	52 W	7200	5700	3.8	1
GW S6 513 GD57K	60°	5700 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 514 GD57K	90°	5700 K (CRI 80)	52 W	7200	6200	3.8	1
GW S6 515 GD57K	Elliptical	5700 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 516 GD57K	Elliptical reverse	5700 K (CRI 80)	52 W	7200	5800	3.8	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

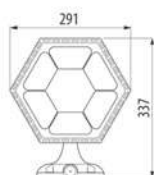
The nominal flux is referred to Tj=85°C.

Photometric distributions





GW S6 512 BD



LED VERSION - BLUEGREEN COLOUR - IP66 - CLASS I - DALI DRIVER



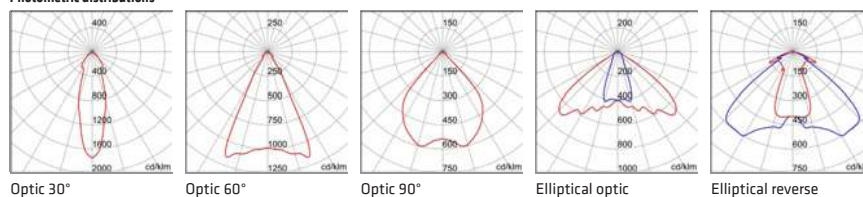
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 512 BD30K	30°	3000 K (CRI 80)	52 W	6700	5300	3.8	1
GW S6 513 BD30K	60°	3000 K (CRI 80)	52 W	6700	5400	3.8	1
GW S6 514 BD30K	90°	3000 K (CRI 80)	52 W	6700	5800	3.8	1
GW S6 515 BD30K	Elliptical	3000 K (CRI 80)	52 W	6700	5400	3.8	1
GW S6 516 BD30K	Elliptical reverse	3000 K (CRI 80)	52 W	6700	5400	3.8	1
Versions: 4000K natural light							
GW S6 512 BD	30°	4000 K (CRI 80)	52 W	7200	5700	3.8	1
GW S6 513 BD	60°	4000 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 514 BD	90°	4000 K (CRI 80)	52 W	7200	6200	3.8	1
GW S6 515 BD	Elliptical	4000 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 516 BD	Elliptical reverse	4000 K (CRI 80)	52 W	7200	5800	3.8	1
Versions: 5700K cold light							
GW S6 512 BD57K	30°	5700 K (CRI 80)	52 W	7200	5700	3.8	1
GW S6 513 BD57K	60°	5700 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 514 BD57K	90°	5700 K (CRI 80)	52 W	7200	6200	3.8	1
GW S6 515 BD57K	Elliptical	5700 K (CRI 80)	52 W	7200	5800	3.8	1
GW S6 516 BD57K	Elliptical reverse	5700 K (CRI 80)	52 W	7200	5800	3.8	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Esalite PL

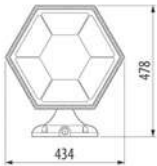
ESALITE PL - 12K



ESALITE PL - 12K - ARCHITECTURAL VERSIONS WITH GLASS



GW S6 522 GD

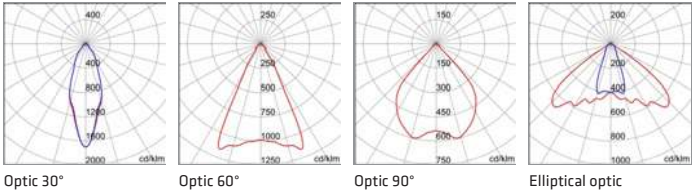


LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER

 CSP LED CONSTANT CURRENT DRIVER 5 YEARS WARRANTY							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 522 GD30K	30°	3000 K (CRI 80)	112 W	14000	10800	8.5	1
GW S6 523 GD30K	60°	3000 K (CRI 80)	112 W	14000	11100	8.5	1
GW S6 524 GD30K	90°	3000 K (CRI 80)	112 W	14000	11800	8.5	1
GW S6 525 GD30K	Elliptical	3000 K (CRI 80)	112 W	14000	11100	8.5	1
Versions: 4000K natural light							
GW S6 522 GD	30°	4000 K (CRI 80)	112 W	15000	11600	8.5	1
GW S6 523 GD	60°	4000 K (CRI 80)	112 W	15000	11900	8.5	1
GW S6 524 GD	90°	4000 K (CRI 80)	112 W	15000	12700	8.5	1
GW S6 525 GD	Elliptical	4000 K (CRI 80)	112 W	15000	11900	8.5	1
Versions: 5700K cold light							
GW S6 522 GD57K	30°	5700 K (CRI 80)	112 W	15000	11600	8.5	1
GW S6 523 GD57K	60°	5700 K (CRI 80)	112 W	15000	11900	8.5	1
GW S6 524 GD57K	90°	5700 K (CRI 80)	112 W	15000	12700	8.5	1
GW S6 525 GD57K	Elliptical	5700 K (CRI 80)	112 W	15000	11900	8.5	1

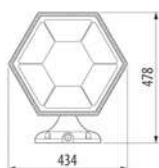
NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions





GW S6 522 BD



LED VERSION - BLUEGREEN COLOUR - IP66 - CLASS I - DALI DRIVER



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
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Versions: 3000K warm light

GW S6 522 BD30K	30°	3000 K (CRI 80)	112 W	14000	10800	8.5	1
GW S6 523 BD30K	60°	3000 K (CRI 80)	112 W	14000	11100	8.5	1
GW S6 524 BD30K	90°	3000 K (CRI 80)	112 W	14000	11800	8.5	1
GW S6 525 BD30K	Elliptical	3000 K (CRI 80)	112 W	14000	11100	8.5	1

Versions: 4000K natural light

GW S6 522 BD	30°	4000 K (CRI 80)	112 W	15000	11600	8.5	1
GW S6 523 BD	60°	4000 K (CRI 80)	112 W	15000	11900	8.5	1
GW S6 524 BD	90°	4000 K (CRI 80)	112 W	15000	12700	8.5	1
GW S6 525 BD	Elliptical	4000 K (CRI 80)	112 W	15000	11900	8.5	1

Versions: 5700K cold light

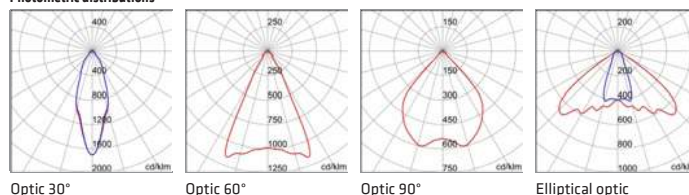
GW S6 522 BD57K	30°	5700 K (CRI 80)	112 W	15000	11600	8.5	1
GW S6 523 BD57K	60°	5700 K (CRI 80)	112 W	15000	11900	8.5	1
GW S6 524 BD57K	90°	5700 K (CRI 80)	112 W	15000	12700	8.5	1
GW S6 525 BD57K	Elliptical	5700 K (CRI 80)	112 W	15000	11900	8.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



ESALITE PL - 16K



IP

66

IK

08



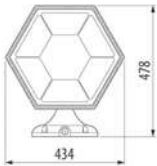
DALI



ESALITE PL - 16K - ARCHITECTURAL VERSIONS WITH GLASS



GW S6 532 GD

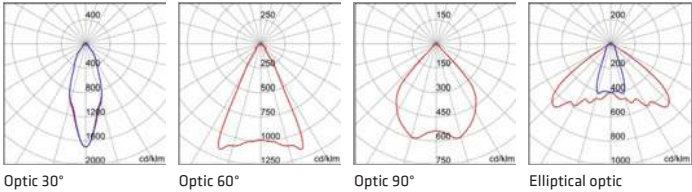


LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER

CSP LED CONSTANT CURRENT DRIVER 5 YEARS WARRANTY							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 532 GD30K	30°	3000 K (CRI 80)	125 W	16000	12300	8.5	1
GW S6 533 GD30K	60°	3000 K (CRI 80)	125 W	16000	12600	8.5	1
GW S6 534 GD30K	90°	3000 K (CRI 80)	125 W	16000	13400	8.5	1
GW S6 535 GD30K	Elliptical	3000 K (CRI 80)	125 W	16000	12600	8.5	1
Versions: 4000K natural light							
GW S6 532 GD	30°	4000 K (CRI 80)	125 W	17000	13300	8.5	1
GW S6 533 GD	60°	4000 K (CRI 80)	125 W	17000	13600	8.5	1
GW S6 534 GD	90°	4000 K (CRI 80)	125 W	17000	14400	8.5	1
GW S6 535 GD	Elliptical	4000 K (CRI 80)	125 W	17000	13600	8.5	1
Versions: 5700K cold light							
GW S6 532 GD57K	30°	5700 K (CRI 80)	125 W	17000	13300	8.5	1
GW S6 533 GD57K	60°	5700 K (CRI 80)	125 W	17000	13600	8.5	1
GW S6 534 GD57K	90°	5700 K (CRI 80)	125 W	17000	14400	8.5	1
GW S6 535 GD57K	Elliptical	5700 K (CRI 80)	125 W	17000	13600	8.5	1

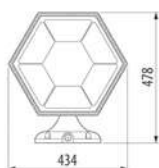
NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions





GW S6 532 BD



LED VERSION - BLUEGREEN COLOUR - IP66 - CLASS I - DALI DRIVER



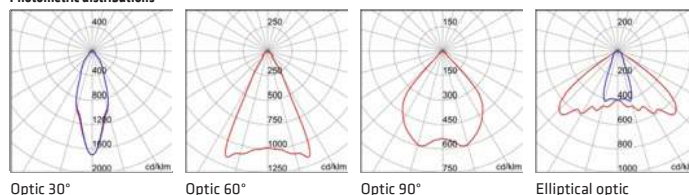
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 532 BD30K	30°	3000 K (CRI 80)	125 W	16000	12300	8.5	1
GW S6 533 BD30K	60°	3000 K (CRI 80)	125 W	16000	12600	8.5	1
GW S6 534 BD30K	90°	3000 K (CRI 80)	125 W	16000	13400	8.5	1
GW S6 535 BD30K	Elliptical	3000 K (CRI 80)	125 W	16000	12600	8.5	1
Versions: 4000K natural light							
GW S6 532 BD	30°	4000 K (CRI 80)	125 W	17000	13300	8.5	1
GW S6 533 BD	60°	4000 K (CRI 80)	125 W	17000	13600	8.5	1
GW S6 534 BD	90°	4000 K (CRI 80)	125 W	17000	14400	8.5	1
GW S6 535 BD	Elliptical	4000 K (CRI 80)	125 W	17000	13600	8.5	1
Versions: 5700K cold light							
GW S6 532 BD57K	30°	5700 K (CRI 80)	125 W	17000	13300	8.5	1
GW S6 533 BD57K	60°	5700 K (CRI 80)	125 W	17000	13600	8.5	1
GW S6 534 BD57K	90°	5700 K (CRI 80)	125 W	17000	14400	8.5	1
GW S6 535 BD57K	Elliptical	5700 K (CRI 80)	125 W	17000	13600	8.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

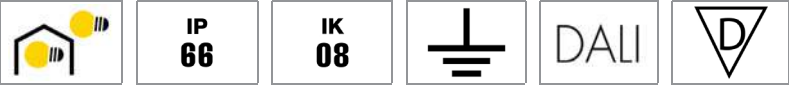
The nominal flux is referred to Tj=85°C.

Photometric distributions



Esalite PL

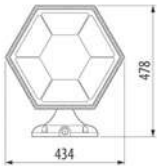
ESALITE PL - 20K



ESALITE PL - 20K - ARCHITECTURAL VERSIONS WITH GLASS



GW S6 542 GD

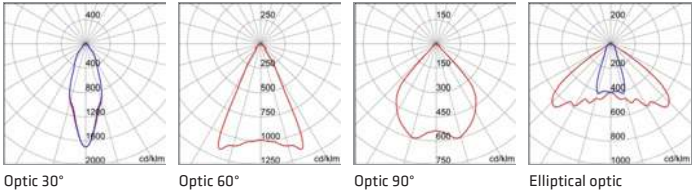


LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER

 CSP LED  CONSTANT CURRENT DRIVER  5 YEARS WARRANTY							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 542 GD30K	30°	3000 K (CRI 80)	148 W	18000	14400	8.5	1
GW S6 543 GD30K	60°	3000 K (CRI 80)	148 W	18000	14700	8.5	1
GW S6 544 GD30K	90°	3000 K (CRI 80)	148 W	18000	15600	8.5	1
GW S6 545 GD30K	Elliptical	3000 K (CRI 80)	148 W	18000	14700	8.5	1
Versions: 4000K natural light							
GW S6 542 GD	30°	4000 K (CRI 80)	148 W	20000	15500	8.5	1
GW S6 543 GD	60°	4000 K (CRI 80)	148 W	20000	15800	8.5	1
GW S6 544 GD	90°	4000 K (CRI 80)	148 W	20000	16800	8.5	1
GW S6 545 GD	Elliptical	4000 K (CRI 80)	148 W	20000	15800	8.5	1
Versions: 5700K cold light							
GW S6 542 GD57K	30°	5700 K (CRI 80)	148 W	20000	15500	8.5	1
GW S6 543 GD57K	60°	5700 K (CRI 80)	148 W	20000	15800	8.5	1
GW S6 544 GD57K	90°	5700 K (CRI 80)	148 W	20000	16800	8.5	1
GW S6 545 GD57K	Elliptical	5700 K (CRI 80)	148 W	20000	15800	8.5	1

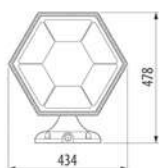
NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions





GW S6 542 BD



LED VERSION - BLUEGREEN COLOUR - IP66 - CLASS I - DALI DRIVER



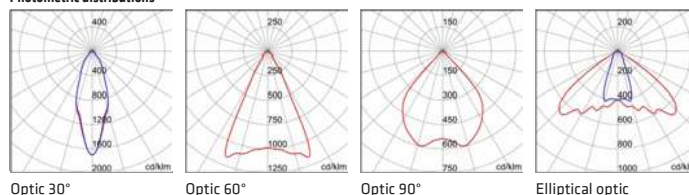
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 542 BD30K	30°	3000 K (CRI 80)	148 W	18000	14400	8.5	1
GW S6 543 BD30K	60°	3000 K (CRI 80)	148 W	18000	14700	8.5	1
GW S6 544 BD30K	90°	3000 K (CRI 80)	148 W	18000	15600	8.5	1
GW S6 545 BD30K	Elliptical	3000 K (CRI 80)	148 W	18000	14700	8.5	1
Versions: 4000K natural light							
GW S6 542 BD	30°	4000 K (CRI 80)	148 W	20000	15500	8.5	1
GW S6 543 BD	60°	4000 K (CRI 80)	148 W	20000	15800	8.5	1
GW S6 544 BD	90°	4000 K (CRI 80)	148 W	20000	16800	8.5	1
GW S6 545 BD	Elliptical	4000 K (CRI 80)	148 W	20000	15800	8.5	1
Versions: 5700K cold light							
GW S6 542 BD57K	30°	5700 K (CRI 80)	148 W	20000	15500	8.5	1
GW S6 543 BD57K	60°	5700 K (CRI 80)	148 W	20000	15800	8.5	1
GW S6 544 BD57K	90°	5700 K (CRI 80)	148 W	20000	16800	8.5	1
GW S6 545 BD57K	Elliptical	5700 K (CRI 80)	148 W	20000	15800	8.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



ACCESSORIES FOR ESALITE PL

COMPLEMENTARY ITEMS



GW S6 931

FIXING SPIKES

Code	Description	Pack Carton
GW S6 931	ESALITE 6K - fixing spike	1
GW S6 932	ESALITE 12K-16K-20K - fixing spike	1

Esalite PL



ADJUSTABLE



The cardan joint connecting the light fitting means the light is easily adjusted at a touch. Locked in place with a single screw and square self-locking nut, with a robust tooth-lock system to ensure the joint is correctly tightened.

RELIABLE



ESALITE offers details that make it extremely robust: the IP66 degree of protection make it resistant to dust and humidity, while the IK08 tempered glass ensures resistance to impact and vandalism.

EXCLUSIVE



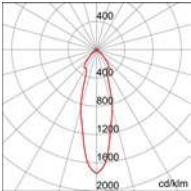
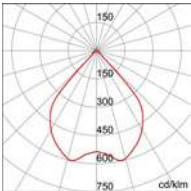
The ESALITE range features BlueGreen versions (from 6K to 20K), particularly suitable for installation in parks and gardens where the lighting device blends perfectly with the blue of the night.

Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	RAL 9006 Grey / BlueGreen
MATERIALS	
Lenses	PMMA
Shield	Tempered glass 4 mm
Body	EN 46100 die-casting aluminium

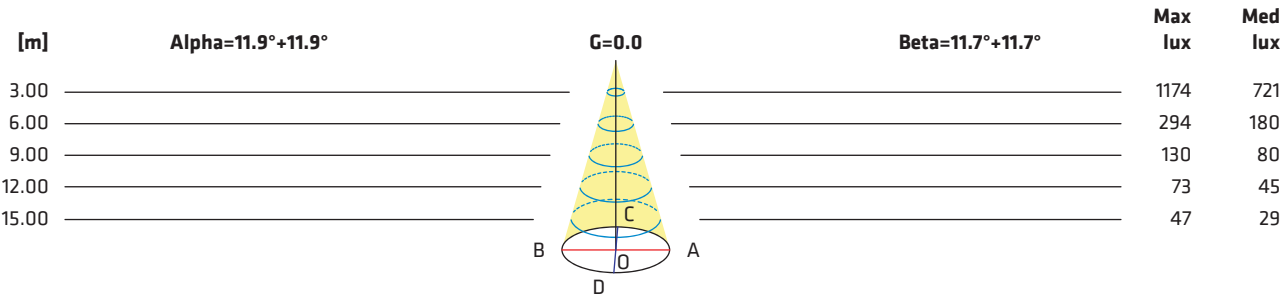
IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
OVERVOLTAGE PROTECTION	> 6kv
MARKS	CE  

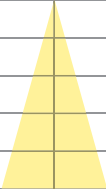
Project Data

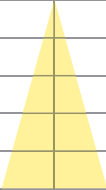
Optics	Series	Photometric distribution	H inst.	Light print	E med
30°	6K		15 m	6,31 m	29
			12 m	5,04 m	45
			9 m	3,78 m	80
Optics	Series	Photometric distribution	H inst.	Light print	E med
90°	6K		15 m	26,12 m	8
			12 m	20,90 m	12
			9 m	15,67 m	21

Project Data

30° optic



H[m]	D[m]	Max lux	Med lux	Alpha=11.9°+11.9°	G=0.0	
3.00	1.26	1174	721			
6.00	2.52	294	180			
9.00	3.78	130	80			
12.00	5.04	73	45			
15.00	6.31	47	29			

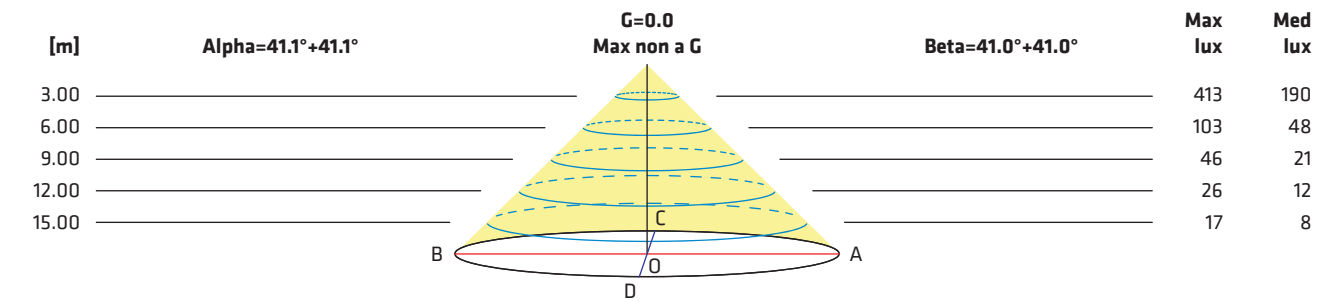
H[m]	D[m]	Max lux	Med lux	Beta=11.7°+11.7°	G=0.0	
3.00	1.24	1174	721			
6.00	2.49	294	180			
9.00	3.73	130	80			
12.00	4.97	73	45			
15.00	6.22	47	29			

URBAN AND GREEN LIGHTING AREAS

Esalite PL

Project Data

90° optic



H[m]	D[m]	Max lux	Med lux	Alpha=41.1°+41.1°	G=0.0 Max non a G	
3.00	5.23	413	190			
6.00	10.45	103	48			
9.00	15.68	46	21			
12.00	20.91	26	12			
15.00	26.14	17	8			

H[m]	D[m]	Max lux	Med lux	Beta=41.0°+41.0°	G=0.0 Max non a G	
3.00	5.22	413	190			
6.00	10.45	103	48			
9.00	15.67	46	21			
12.00	20.90	26	12			
15.00	26.12	17	8			

Urban [O₃]

Urban lighting systems



Urban [O₃] is a modular urban lighting system that's the perfect combination of design and innovation. The different installation configurations (pole, pole head, side bracket, suspension) and the wide range of proposed optics ensure lighting for urban environments that guarantees energy savings and respect for the environment.

The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.

Technical characteristics page 100



SIDE COUPLING SYSTEMS FOR COMMERCIAL SIDE BRACKETS - LED



LED - ST1 STREET OPTIC



GW 87 607

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES



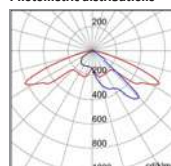
Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 607	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW 87 608	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 627	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW 87 628	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1

NOTES: the data refer to 550 mA.

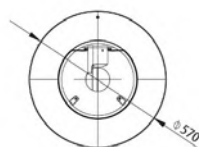
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



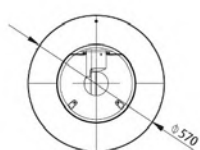
ST1 optic



LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 207



URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 207	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.3	1
GW S7 208	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 227	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.3	1
GW S7 228	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11	1

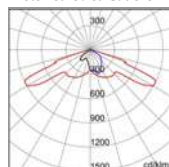
NOTES: the data refer to 550 mA.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to T_j=85°C.

Photometric distributions

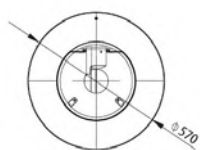


Cycle ped.optic

LED - ELLIPTICAL OPTIC



GW S7 257



URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 257	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW S7 258	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 277	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW S7 278	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1

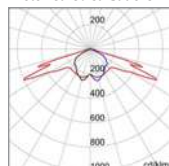
NOTES: the data refer to 550 mA.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to T_j=85°C.

Photometric distributions



Elliptical optic

FIXING ACCESSORIES

POLE FIXING ROUND SIDE BRACKET



GW 87 882

POLE HEAD BRACKETS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 881	Single	400 mm	Graphite grey	2	1
GW 87 882	Double	800 mm	Graphite grey	2.5	1



GW 87 883

BRACKETS AT VARIABLE HEIGHTS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 883	Single intermediate	400 mm	Graphite grey	2.5	1

NOTE: for poles with a diameter from 60 to 75 mm.

SYSTEMS FOR GEWISS BRACKETS - LED



IP

66

IK

08

BODY

IK

06

LENS



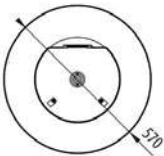


0,25 m²

LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 501 B



URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



0 Cd



CONSTANT

CURRENT

DRIVER

5 YEARS

WARRANTY



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
 GW S7 501 B	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	BlueGreen	8.2	1
 GW S7 502 B	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	BlueGreen	8.8	1
 GW S7 503 B	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	BlueGreen	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

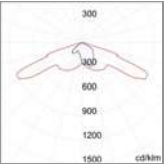
1-10 V stand alone and/or dimmerable versions: Driver adjustable at different LED current.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

GEWISS POLES AND SIDE BRACKETS

POLES



GW 87 691

CYLINDRICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 87 691	4	0.5	102	60	Graphite grey	31	1
GW 87 692	4.5	0.5	102	60	Graphite grey	35	1
 GW 87 691 B	4	0.5	102	60	BlueGreen	31	1
 GW 87 692 B	4.5	0.5	102	60	BlueGreen	35	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block



GW 87 591

CONICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 87 591	6.8	0.8	128	60	Graphite grey	48	1
GW 87 592	8.8	0.8	148	60	Graphite grey	91	1
GW 87 593	9.8	0.8	158	60	Graphite grey	107	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block.

FIXING ACCESSORIES



GW 87 987 B

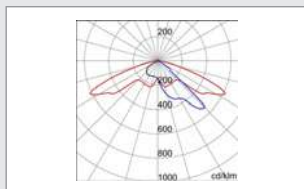
SUSPENDED POLE HEAD BRACKETS FOR CYLINDRICAL POLES

Code	Description	Colour	Weight (kg)	Pack Carton
 GW 87 987 B	Single	BlueGreen	6.5	1

Urban [O₃]



3 OPTICS



3 different optics available: street optic, cycle and elliptical allow many solution in each environment.

DECORATIVE DESIGN



Urban lighting reaches installation heights that are not too high, and includes devices that are especially evident in the visual field. The body design therefore becomes a part of the urban lighting.

5-YEAR WARRANTY



This Led Lighting Gewiss range benefit from a full five-year warranty.

Technical characteristics

INSTALLATION	External	IP PROTECTION	IP66
COLOUR	Graphite grey/Aluminium grey/Midnight blue	IK RESISTANCE	IK08 / IK06
MATERIALS		INSULATION CLASS	II
Body	Die-cast aluminium EN AB 46100	MARKS	CE
Heat sink	Aluminium extrusion - range 6000		
Lenses	Integrated in the shield		
Shield	PMMA		

Possible compositions for systems for commercial side brackets

SIDE COUPLING		- Ø Min. 55 mm - Ø Max. 65 mm	Notes Complete system for coupling on commercial poles
----------------------	--	--	--

Possible compositions for GEWISS side bracket systems

	Suspended pole head*	Notes Gewiss pole configuration Commercial pole configuration
--	------------------------------------	---



* The installation kit includes the fixing component and the cover.

Saturno

Architectural Floodlights



Floodlights in die-cast aluminium of low-medium power and with a compact design are the ideal solution for accentuating architectural details, both indoors and outdoors, and for creating spectacular effects with the aid of colour. The SATURNO floodlights are available with different optics (asymmetric, spot and street). The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.



Technical characteristics page 102

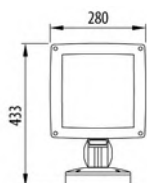
SATURNO LED



VERSIONS WITH BASE



GW 85 661 B



WIRED VERSIONS - IP65 - CLASS II



EXTENDED
WARRANTY

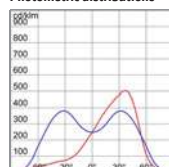


CONSTANT
CURRENT
DRIVER

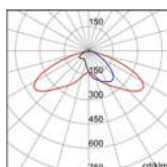
Code	Optic	No. of lamps	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW 85 661 B	Asymmetrical	24	3000 K (CRI 90)	50 W	3240	2770	BlueGreen	1
GW 85 662 B	Street	24	3000 K (CRI 90)	50 W	3240	2540	BlueGreen	1
GW 85 663 B	Spot 16°	24	3000 K (CRI 90)	50 W	3240	2840	BlueGreen	1
GW 85 663 B	16° spotlight	24	3000 K (CRI 90)	50 W	3240	2840	BlueGreen	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

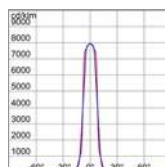
Photometric distributions



Asym. optic



Street optic

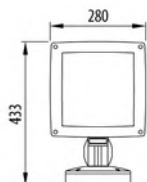


Spot 16° optic

VERSIONS WITH BASE - RGB



GW 85 646 B



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



LED RGB

DMX

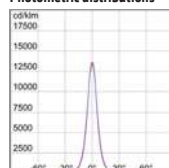


Code	Optic	Lamp	No. of lamps	Overall power	Colour	Weight (kg)	Pack Carton
Voltage: 90 / 260 V - 50 / 60 Hz - Power supply 350 mA							
GW 85 646 B	Circular 40°	RGB Led	16	48 W	BlueGreen	3	1

ACCESSORIES SUPPLIED: 6 DMX channels: Red; Green; Blue; Strobo; Rainbow and dimmer.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



Circular 40° optic

Saturno



FREEDOM OF MOVEMENT



Robust central articulated joint with an effective locking system allowing it to be simultaneously adjusted on the two axes. An indicator precisely defines the degrees of rotation.

ARCHITECTURAL AND URBAN SOLUTIONS



The devices are available in versions with a clip for architectural applications and with a coupling device for pole mounting.

LED TECHNOLOGY



The variety of optics (spot, asymmetrical, street), together with the use of high performance LED lamps, meets every type of design requirement while also ensuring excellent energy savings.

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Midnight blue
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Die-cast aluminium EN AB 46100
Lenses	PMMA
Shield	Flat glass 4 mm

IP PROTECTION	IP65
IK RESISTANCE	IK10
INSULATION CLASS	I - II (depending on the version)
MARKS	CE

Design data

Optics	Power	Photo	Footprint	Inst. H	L1 x L2	E ave	E max	Uniformity
SPOT	50 W			3	1 x 1	1964	2835	0,60
				5	730	730	1091	0,50
				7	475	475	559	0,80

Optics	Power	Photo	Footprint	Inst. H	D	L1 x L2	E ave	E max	Uniformity
ASYMMETRICAL	50 W			3	d=1,5	4 x 3	105	131	0,60
				5	d=2	7 x 4,5	39	47	0,60
				7	d=3	9 x 6	20	24	0,64

The above results were obtained using the following parameters:

- Calculation grid step 0.50 m
- Uniformity considered MinE / E ave

Dedalo

Architectural Floodlights



Compact, adjustable floodlight of limited power, in die-cast aluminium for decorative architectural use. Dedalo LED is the best solution for both indoor and outdoor applications, in contexts such as access drives, walkways, architectural façades, swimming pool surrounds and gardens. The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.



Technical characteristics page 105

DEDALO LED



NARROW BEAM VERSIONS



GW 84 183



WIRED VERSIONS WITH ROUND BASE - IP66 - CLASS II

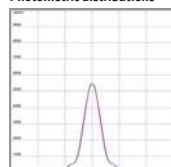


Code	Optic	No. of lamps	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 84 173	Circular 20°	1	3000 K (CRI 80)	20 W	2130	1480	Graphite grey	1
GW 84 183	Circular 20°	1	4000 K (CRI 80)	20 W	2230	1540	Graphite grey	1
GW 84 173 B	Circular 20°	1	3000 K (CRI 80)	20 W	2130	1480	BlueGreen	1

NOTE: LED pilot current = 500 mA.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



Circular 20° optic

WIDE BEAM VERSIONS



GW 84 184



WIRED VERSIONS WITH ROUND BASE - IP66 - CLASS II

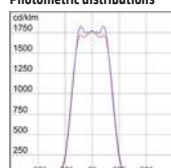


Code	Optic	No. of lamps	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 84 174	Circular 45°	1	3000 K (CRI 80)	20 W	2130	1580	Graphite grey	1
GW 84 184	Circular 45°	1	4000 K (CRI 80)	20 W	2230	1650	Graphite grey	1
GW 84 174 B	Circular 45°	1	3000 K (CRI 80)	20 W	2130	1580	BlueGreen	1

NOTE: LED pilot current = 500 mA.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



Circular 45° optic

COMPLEMENTARY ITEMS



GW 88 281

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 88 281	Transparent glass	0.1	1/5

Dedalo



AIMING PRECISION



The graduated goniometric scale, stamped on the bracket, ensures extremely accurate pointing.

LED TECHNOLOGY



The versions with 18W multichip LED, narrow to medium beam, enrich the of new design solutions.

ADJUSTMENT



The device can be adjusted on both its horizontal and vertical axes. Pointing is ensured by the mechanical tightening of two stainless steel lockscrews.

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Midnight blue
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Die-cast aluminium EN AB 46100
Lenses	PMMA
Shield	Flat glass 4 mm

IP PROTECTION	IP66
IK RESISTANCE	IK09
INSULATION CLASS	I - II (depending on the version)
MARKS	CE

Design data

LED	Power	Lumen Output	Opening beam	Beam	H (m)	Ø (cm)	E ave	Uniform min/ave *
	1 LED - 18 Watt GW 84 183	1200	20°		4	150	233	0,67
					6	200	111	0,73
					8	250	65	0,76
	1 LED - 18 Watt GW 84 184	1200	45°		4	300	89	0,72
					6	400	42	0,83
					8	500	24	0,88

* Uniformity considered - min/ave

Trilight

Bollards



TRILIGHT is a LED urban lighting device in aluminium, ideal for creating atmospheric lighting in green areas. It has a triangular section with 6 white LEDs for standard lighting, plus 3 LEDs (white, blue) for light signalling. The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.



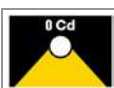
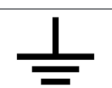
Technical characteristics page 107

TRILIGHT



**IP
65**

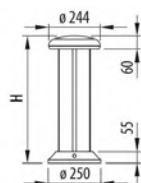
**IK
10**



RESIDENTIAL / URBAN DECORATIVE DEVICES



GW 82 085



WIRED VERSIONS WITH LED SOURCES - CLASS I



**CONSTANT
CURRENT
DRIVER**

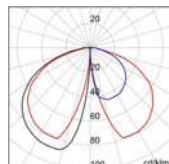


**EXTENDED
WARRANTY**

Code	No. of lamps	System power	Main lamp	Light signalling lamp	Height H (mm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/230 V - 50/60 Hz								
GW 82 085	6+3	27 W	White Led - 6300 K	White	550	Aluminium	4.8	1
GW 82 086	6+3	27 W	White Led - 6300 K	Blue	550	Aluminium	4.8	1
GW 82 088	6+3	27 W	White Led - 6300 K	White	950	Aluminium	6.4	1
GW 82 089	6+3	27 W	White Led - 6300 K	Blue	950	Aluminium	6.4	1
GW 82 085 B	6+3	27 W	White Led - 3000 K	White	550	BlueGreen	4.8	1
GW 82 088 B	6+3	27 W	White Led - 3000 K	White	950	BlueGreen	6.4	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



27 W

COMPLEMENTARY ITEMS



GW 82 096

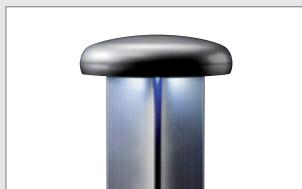
COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Material	Pack Carton
GW 82 096	Anchorage plate	Hot galvanised steel	1

Trilight



LIGHT AND COLOUR



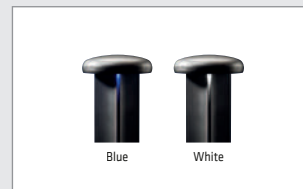
The devices of the Trilight range have dual ignition: one for the ordinary lighting with white light and one for signalling with coloured light.

NO STOP WATER



The rounded shape not only gives the product a strong design quality but also lets water run off, preventing it collecting on the bottom.

CREATIVITY AND LIGHTING



The side LED, used for light signalling, are available in white, blue to create a suggestive atmosphere in every context.

Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey / Midnight blue
MATERIALS	
Body	PC
Antiglare Louvre	PMMA
Shield	PC

IP PROTECTION	IP55
IK RESISTANCE	IK10
INSULATION CLASS	I
MARKS	CE

SOURCE		Main lighting		Signal lighting		Code		Height (mm)	Total power
		White		White		GW 82 085		550	27 W
LED (230 V)						GW 82 088		950	27 W
						GW 82 086		550	27 W
						GW 82 089		950	27 W

SOURCE		Main lighting		Signal lighting		Code		Height (mm)	Total power
		White		White		GW 82 085 B		550	27 W
LED (230 V)						GW 82 088 B		950	27 W

Point

Garden lighting devices

A garden lighting device for residential areas, with shielded optic to reduce light flux dispersion. Available in 3 sizes. The technical design and simple shape make it suitable for every installation context. The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.



Technical characteristics page 109

POINT



**IP
55**

**IK
10**



**GWT
650°C**

LED VERSIONS



GW 82 016 G



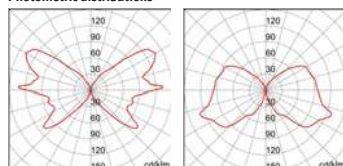
WIRED VERSIONS WITH LED LAMPS - IP55 - CLASS II

**EXTENDED
WARRANTY**

Code	No. of lamps	Colour temperature	Lamp power	Lamp	Lamp holder	Colour	Height (mm)	Pack Carton
Voltage: 230 V - 50 Hz								
GW 82 011 G	1	3000 K	4 W	DR	E14	Graphite grey	473	1/2
GW 82 016 G	1	3000 K	6 W	DR	E27	Graphite grey	550	1/2
GW 82 018 G	1	3000 K	6 W	DR	E27	Graphite grey	780	1
GW 82 011 B	1	3000 K	4 W	DR	E14	BlueGreen	473	1/2
GW 82 016 B	1	3000 K	6 W	DR	E27	BlueGreen	550	1/2
GW 82 018 B	1	3000 K	6 W	DR	E27	BlueGreen	780	1

NOTE: supplied with lamp.

Photometric distributions



ACCESSORIES



GW 82 047

COMPLEMENTARY ITEMS

Code	Description	Material	Pack Carton
GW 82 046	POINT 473 Spike	Galvanised steel	1
GW 82 047	POINT 550/780 Spike	Galvanised steel	1

Point



SHIELDED OPTIC



The transparent diffuser contains the special prismatic anti-glare louvre that converges and enhances the downward light effect, while limiting the luminous flux dispersed towards the sky.

NEW DESIGN



The new design, more technical and functional to the increase in luminous flux toward the ground, it enhances the features adaptability and versatility for each type of installation

FIXING SPIKE



A specific spike designed to guarantee perfect stability into the context of gardens and parks.

Technical characteristics

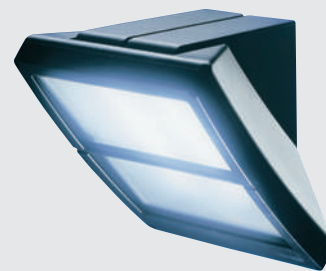
INSTALLATION	External
COLOUR	Graphite grey / Midnight blue
MATERIALS	
Body	PC
Antiglare Louvre	PMMA
Shield	PC

IP PROTECTION	IP55
IK RESISTANCE	IK10
INSULATION CLASS	I
MARKS	CE

Extro

Multifunctional lighting devices

Multifunctional lighting devices for residential and urban areas, with a polycarbonate body and sanded diffuser. Can be installed on the wall or ceiling, or on a pole or column. The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.



Technical characteristics page 115

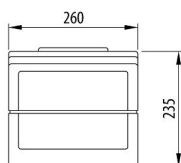
EXTRO



STANDARD



GW 82 281 S



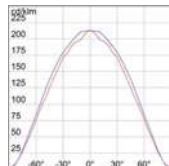
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz						
GW 82 281 S	70 W	SE*	E27	Graphite grey	3.6	1/2

* Use lamps with a built-in ignitor.

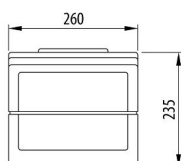
Photometric distributions



70 W SE



GW 82 206



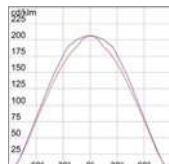
VERSIONS WITH EDISON LAMP-HOLDERS - IP55 - CLASS I

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 82 206	100 W	E27	Graphite grey	2.4	1/2

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

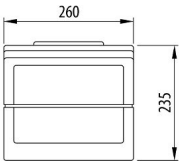
Photometric distributions



100 W



GW 82 286



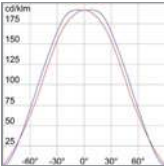
WIRED VERSIONS - IP55 - CLASS I - ELECTRONIC POWER SUPPLY



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 82 286	2	26-32 W	FSM	GX24q-3	Graphite grey	2.5	1/2

The electronic power supply versions can house both 26 W and 32 W compact fluorescent lamps with GX24q-3 coupling.

Photometric distributions

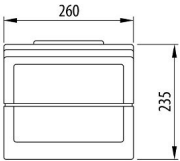


26-32 W FSM

EMERGENCY VERSIONS



GW 82 246



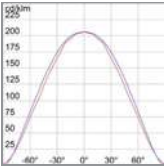
WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS I - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp	Lamp holder	Luminous flux in emerg. [lm]	Autonomy	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 82 246	26-32 W	FSM	GX24q-3	135 / 90	1 h	Graphite grey	2.8	1/2

Ni-Cd battery for high temperatures

Photometric distributions

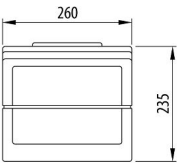


26-32 W FSM

LED VERSIONS



GW S2 401



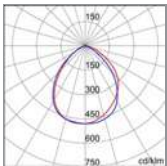
WIRED VERSIONS WITH LED SOURCES - 900 AND 1800 LM - IP55 - CLASS I



Code	System power	Lamp	Colour temperature	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S2 401	13 W	LED	4000 K (CRI 80)	1200	1000	Graphite grey	2	1/2
GW S2 402	26 W	LED	4000 K (CRI 80)	2400	1950	Graphite grey	2.4	1/2
GW S2 401 B	13 W	LED	3000 K (CRI 80)	1100	950	BlueGreen	2	1/2
GW S2 402 B	26 W	LED	3000 K (CRI 80)	2200	1900	BlueGreen	2.4	1/2

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions

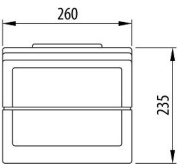


13-26 W

LED VERSIONS - MOTION DETECTOR



GW S2 406



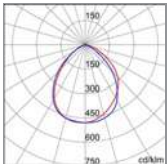
WIRED VERSIONS WITH 900-LUMEN LED LIGHT SOURCES - IP55 - CLASS I



Code	System power	Lamp	Colour temperature	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220 / 240 V - 50 / 60 Hz								
GW S2 406	13 W	LED	4000 K (CRI 80)	1200	1000	Graphite grey	2.2	1/2

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



13 W

COMPLEMENTARY ITEMS FOR WALL INSTALLATION



GW 82 290

SWIVEL BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 290	Die-cast aluminium	140x120x100	Graphite grey	1/6

APPLICATIONS: allows surface installation of the device and to adjust the vertical inclination by 45° upwards and 45° downwards with respect to the horizontal axis.



GW 82 291

ANGLE BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 291	Die-cast aluminium	90x80x100	Graphite grey	1/5

APPLICATIONS: allows installation of the device on 90° corners.

COMPLEMENTARY ITEMS FOR INSTALLATION ON COLUMNS



GW 82 292

SINGLE LUMINAIRES SUPPORT COLUMN

Code	Material	Height (mm)	Planting recommended	Colour	Pack Carton
GW 82 292	Extruded aluminium	1300	250 mm	Graphite grey	1
GW 82 292 B	Extruded aluminium	1300	250 mm	BlueGreen	1

NOTES: Columns suited only for private areas.



GW 82 297

RECTANGULAR BASE FOR SUPPORT COLUMN OF MAX. HEIGHT 1300 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 297	Extruded aluminium	300x202x315	Graphite grey	1/4
GW 82 297 B	Extruded aluminium	300x202x315	BlueGreen	1/4

CHARACTERISTICS: the fixing of the base + column assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

ACCESSORIES SUPPLIED: 2 screws, M4x12, for fixing the column to the base.

COMPLEMENTARY ITEMS FOR INSTALLATION ON POLE



GW 82 298

POLE MOUNTING SINGLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 298	Die-cast aluminium	160x140x100	Graphite grey	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.



GW 82 299

POLE MOUNTING DOUBLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 299	Die-cast aluminium	160x140x100	Graphite grey	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.

COMPLEMENTARY ITEMS

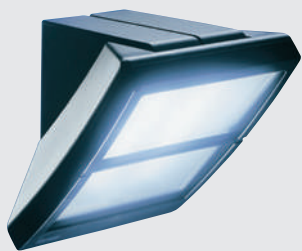


GW 88 272

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 272	Tempered glass	280x250	0.7	1/5

Extro



NEW BLUEGREEN VERSIONS



To complete the offer the new Extro BlueGreen versions that integrate perfectly in contexts such as gardens and parks.

NEW TECHNOLOGY



The new LED versions with 13 and 26 W are available with colour temperature 4000K - white Light and the possibility of managing with a presence sensor.

FUNCTIONALITY



In the 1.3m high version, the columns are available complete with watertight support plate.

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Graphite grey / Midnight blue
MATERIALS	
Body	PC
Reflector	Polished aluminium 99.85%
Shield	Flat acid-etched glass

IP PROTECTION	IP55
IK RESISTANCE	IK09
INSULATION CLASS	I
MARKS	CE

Esalite HB NEW PRODUCT

INDUSTRIAL DEVICES

LED



page 118

Smart [3]

LED

LED WATERTIGHT LUMINAIRES



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Smart [3] C

LED

LED WATERTIGHT LUMINAIRES



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Smart [3] S

LED

LED WATERTIGHT LUMINAIRES



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Smart [4] 2.0 LB-HB

INDUSTRIAL DEVICES



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Smart [4] 2.1 HLO

INDUSTRIAL DEVICES



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Znt

WATERTIGHT PROFESSIONAL
POLYCARBONATE LUMINAIRES



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Click 21

WATERTIGHT LUMINAIRES IN
POLYCARBONATE



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Hercules

HIGH BAYS FOR INDOORS



page 168

industrial devices

ESALITE, a new product in the technical LED range of industrial lighting. Long-lasting reliability and top performance are the fundamental features of this high bay, designed for both outdoor and indoor contexts. In addition, streamlined geometry and a multitude of uses make it ideal as either a floodlight or a pole-mounted light. Excellent performance combined with many high quality features make ESALITE the perfect blend of technology and design, even for the most extreme applications. An idea of perfection.



Technical characteristics page 130

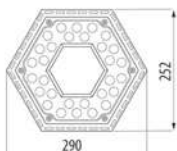
ESALITE HB - 6K



ESALITE HB - 6K - SUSPENDED VERSION WITH LENS



GW S6 012 GD



LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER

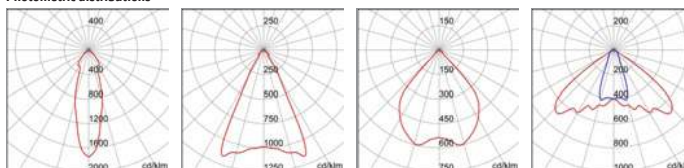
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 012 GD30K	30°	3000 K (CRI 80)	52 W	6700	5800	2.8	1
GW S6 013 GD30K	60°	3000 K (CRI 80)	52 W	6700	5900	2.8	1
GW S6 014 GD30K	90°	3000 K (CRI 80)	52 W	6700	6300	2.8	1
GW S6 015 GD30K	Elliptical	3000 K (CRI 80)	52 W	6700	5900	2.8	1
Versions: 4000K natural light							
GW S6 012 GD	30°	4000 K (CRI 80)	52 W	7200	6200	2.8	1
GW S6 013 GD	60°	4000 K (CRI 80)	52 W	7200	6400	2.8	1
GW S6 014 GD	90°	4000 K (CRI 80)	52 W	7200	6700	2.8	1
GW S6 015 GD	Elliptical	4000 K (CRI 80)	52 W	7200	6400	2.8	1
Versions: 5700K cold light							
GW S6 012 GD57K	30°	5700 K (CRI 80)	52 W	7200	6200	2.8	1
GW S6 013 GD57K	60°	5700 K (CRI 80)	52 W	7200	6400	2.8	1
GW S6 014 GD57K	90°	5700 K (CRI 80)	52 W	7200	6700	2.8	1
GW S6 015 GD57K	Elliptical	5700 K (CRI 80)	52 W	7200	6400	2.8	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

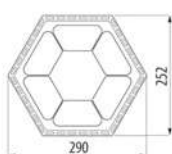
Optic 90°

Elliptical optic

ESALITE HB - 6K - SUSPENDED VERSION WITH GLASS



GW S6 312 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



IP
66

IK
08

CONSTANT
CURRENT
DRIVER



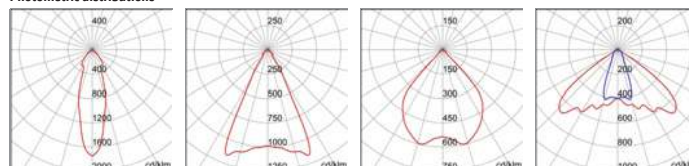
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 312 GD30K	30°	3000 K (CRI 80)	52 W	6700	5300	3.3	1
GW S6 313 GD30K	60°	3000 K (CRI 80)	52 W	6700	5400	3.3	1
GW S6 314 GD30K	90°	3000 K (CRI 80)	52 W	6700	5800	3.3	1
GW S6 315 GD30K	Elliptical	3000 K (CRI 80)	52 W	6700	5400	3.3	1
Versions: 4000K natural light							
GW S6 312 GD	30°	4000 K (CRI 80)	52 W	7200	5700	3.3	1
GW S6 313 GD	60°	4000 K (CRI 80)	52 W	7200	5800	3.3	1
GW S6 314 GD	90°	4000 K (CRI 80)	52 W	7200	6200	3.3	1
GW S6 315 GD	Elliptical	4000 K (CRI 80)	52 W	7200	5800	3.3	1
Versions: 5700K cold light							
GW S6 312 GD57K	30°	5700 K (CRI 80)	52 W	7200	5700	3.3	1
GW S6 313 GD57K	60°	5700 K (CRI 80)	52 W	7200	5800	3.3	1
GW S6 314 GD57K	90°	5700 K (CRI 80)	52 W	7200	6200	3.3	1
GW S6 315 GD57K	Elliptical	5700 K (CRI 80)	52 W	7200	5800	3.3	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

Esalite HB

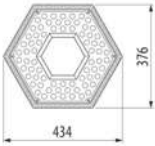
ESALITE HB - 12K



ESALITE HB - 12K - SUSPENDED VERSION WITH LENS



GW S6 022 GD

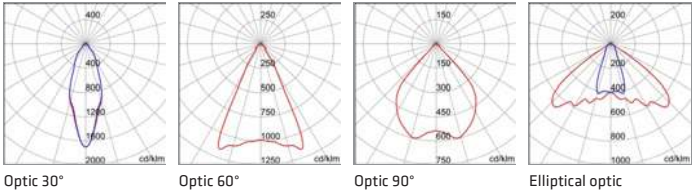


LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER

							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 022 GD30K	30°	3000 K (CRI 80)	112 W	14000	11800	7.5	1
GW S6 023 GD30K	60°	3000 K (CRI 80)	112 W	14000	12000	7.5	1
GW S6 024 GD30K	90°	3000 K (CRI 80)	112 W	14000	12800	7.5	1
GW S6 025 GD30K	Elliptical	3000 K (CRI 80)	112 W	14000	12000	7.5	1
Versions: 4000K natural light							
GW S6 022 GD	30°	4000 K (CRI 80)	112 W	15000	12700	7.5	1
GW S6 023 GD	60°	4000 K (CRI 80)	112 W	15000	12900	7.5	1
GW S6 024 GD	90°	4000 K (CRI 80)	112 W	15000	13700	7.5	1
GW S6 025 GD	Elliptical	4000 K (CRI 80)	112 W	15000	12900	7.5	1
Versions: 5700K cold light							
GW S6 022 GD57K	30°	5700 K (CRI 80)	112 W	15000	12700	7.5	1
GW S6 023 GD57K	60°	5700 K (CRI 80)	112 W	15000	12900	7.5	1
GW S6 024 GD57K	90°	5700 K (CRI 80)	112 W	15000	13700	7.5	1
GW S6 025 GD57K	Elliptical	5700 K (CRI 80)	112 W	15000	12900	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

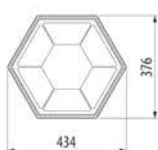
Photometric distributions



ESALITE HB - 12K - SUSPENDED VERSION WITH GLASS



GW S6 322 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



IP
66

IK
08

CONSTANT
CURRENT
DRIVER



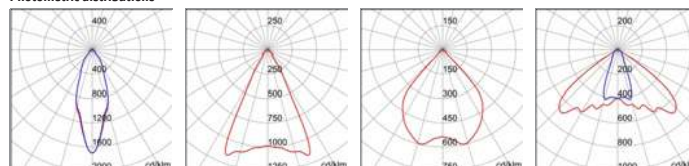
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 322 GD30K	30°	3000 K (CRI 80)	112 W	14000	10800	7.5	1
GW S6 323 GD30K	60°	3000 K (CRI 80)	112 W	14000	11100	7.5	1
GW S6 324 GD30K	90°	3000 K (CRI 80)	112 W	14000	11800	7.5	1
GW S6 325 GD30K	Elliptical	3000 K (CRI 80)	112 W	14000	11100	7.5	1
Versions: 4000K natural light							
GW S6 322 GD	30°	4000 K (CRI 80)	112 W	15000	11600	7.5	1
GW S6 323 GD	60°	4000 K (CRI 80)	112 W	15000	11900	7.5	1
GW S6 324 GD	90°	4000 K (CRI 80)	112 W	15000	12700	7.5	1
GW S6 325 GD	Elliptical	4000 K (CRI 80)	112 W	15000	11900	7.5	1
Versions: 5700K cold light							
GW S6 322 GD57K	30°	5700 K (CRI 80)	112 W	15000	11600	7.5	1
GW S6 323 GD57K	60°	5700 K (CRI 80)	112 W	15000	11900	7.5	1
GW S6 324 GD57K	90°	5700 K (CRI 80)	112 W	15000	12700	7.5	1
GW S6 325 GD57K	Elliptical	5700 K (CRI 80)	112 W	15000	11900	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

Esalite HB

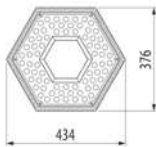
ESALITE HB - 16K



ESALITE HB - 16K - SUSPENDED VERSION WITH LENS



GW S6 032 GD



LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER



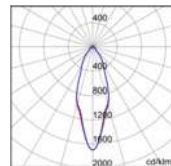
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 032 GD30K	30°	3000 K (CRI 80)	125 W	16000	13400	7.5	1
GW S6 033 GD30K	60°	3000 K (CRI 80)	125 W	16000	13700	7.5	1
GW S6 034 GD30K	90°	3000 K (CRI 80)	125 W	16000	14500	7.5	1
GW S6 035 GD30K	Elliptical	3000 K (CRI 80)	125 W	16000	13700	7.5	1
Versions: 4000K natural light							
GW S6 032 GD	30°	4000 K (CRI 80)	125 W	17000	14400	7.5	1
GW S6 033 GD	60°	4000 K (CRI 80)	125 W	17000	14700	7.5	1
GW S6 034 GD	90°	4000 K (CRI 80)	125 W	17000	15600	7.5	1
GW S6 035 GD	Elliptical	4000 K (CRI 80)	125 W	17000	14700	7.5	1
Versions: 5700K cold light							
GW S6 032 GD57K	30°	5700 K (CRI 80)	125 W	17000	14400	7.5	1
GW S6 033 GD57K	60°	5700 K (CRI 80)	125 W	17000	14700	7.5	1
GW S6 034 GD57K	90°	5700 K (CRI 80)	125 W	17000	15600	7.5	1
GW S6 035 GD57K	Elliptical	5700 K (CRI 80)	125 W	17000	14700	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

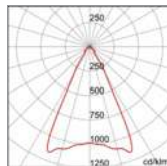
due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

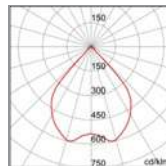
Photometric distributions



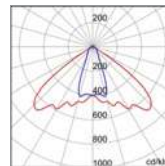
Optic 30°



Optic 60°



Optic 90°

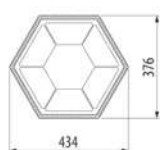


Elliptical optic

ESALITE HB - 16K - SUSPENDED VERSION WITH GLASS



GW S6 332 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



**IP
66**

**IK
08**

**CONSTANT
CURRENT
DRIVER**



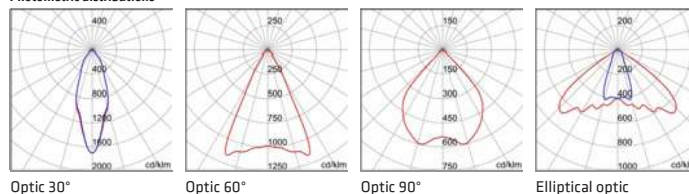
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 332 GD30K	30°	3000 K (CRI 80)	125 W	16000	12300	7.5	1
GW S6 333 GD30K	60°	3000 K (CRI 80)	125 W	16000	12600	7.5	1
GW S6 334 GD30K	90°	3000 K (CRI 80)	125 W	16000	13400	7.5	1
GW S6 335 GD30K	Elliptical	3000 K (CRI 80)	125 W	16000	12600	7.5	1
Versions: 4000K natural light							
GW S6 332 GD	30°	4000 K (CRI 80)	125 W	17000	13300	7.5	1
GW S6 333 GD	60°	4000 K (CRI 80)	125 W	17000	13600	7.5	1
GW S6 334 GD	90°	4000 K (CRI 80)	125 W	17000	14400	7.5	1
GW S6 335 GD	Elliptical	4000 K (CRI 80)	125 W	17000	13600	7.5	1
Versions: 5700K cold light							
GW S6 332 GD57K	30°	5700 K (CRI 80)	125 W	17000	13300	7.5	1
GW S6 333 GD57K	60°	5700 K (CRI 80)	125 W	17000	13600	7.5	1
GW S6 334 GD57K	90°	5700 K (CRI 80)	125 W	17000	14400	7.5	1
GW S6 335 GD57K	Elliptical	5700 K (CRI 80)	125 W	17000	13600	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

Esalite HB

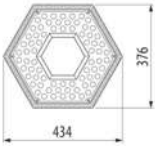
ESALITE HB - 20K



ESALITE HB - 20K - SUSPENDED VERSION WITH LENS



GW S6 042 GD

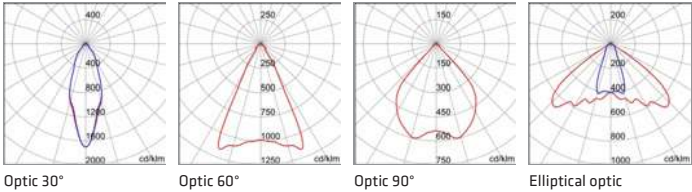


LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER

							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 042 GD30K	30°	3000 K (CRI 80)	148 W	18000	15600	7.5	1
GW S6 043 GD30K	60°	3000 K (CRI 80)	148 W	18000	16000	7.5	1
GW S6 044 GD30K	90°	3000 K (CRI 80)	148 W	18000	16900	7.5	1
GW S6 045 GD30K	Elliptical	3000 K (CRI 80)	148 W	18000	16000	7.5	1
Versions: 4000K natural light							
GW S6 042 GD	30°	4000 K (CRI 80)	148 W	20000	16800	7.5	1
GW S6 043 GD	60°	4000 K (CRI 80)	148 W	20000	17200	7.5	1
GW S6 044 GD	90°	4000 K (CRI 80)	148 W	20000	18200	7.5	1
GW S6 045 GD	Elliptical	4000 K (CRI 80)	148 W	20000	17200	7.5	1
Versions: 5700K cold light							
GW S6 042 GD57K	30°	5700 K (CRI 80)	148 W	20000	16800	7.5	1
GW S6 043 GD57K	60°	5700 K (CRI 80)	148 W	20000	17200	7.5	1
GW S6 044 GD57K	90°	5700 K (CRI 80)	148 W	20000	18200	7.5	1
GW S6 045 GD57K	Elliptical	5700 K (CRI 80)	148 W	20000	17200	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

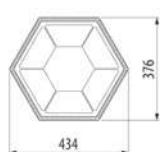
Photometric distributions



ESALITE HB - 20K HIGH EFFICIENCY - SUSPENDED VERSION WITH GLASS



GW S6 342 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



**IP
66**

**IK
08**

**CONSTANT
CURRENT
DRIVER**



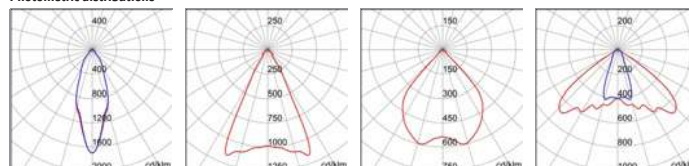
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 342 GD30K	30°	3000 K (CRI 80)	148 W	18000	14400	7.5	1
GW S6 343 GD30K	60°	3000 K (CRI 80)	148 W	18000	14700	7.5	1
GW S6 344 GD30K	90°	3000 K (CRI 80)	148 W	18000	15600	7.5	1
GW S6 345 GD30K	Elliptical	3000 K (CRI 80)	148 W	18000	14700	7.5	1
Versions: 4000K natural light							
GW S6 342 GD	30°	4000 K (CRI 80)	148 W	20000	15500	7.5	1
GW S6 343 GD	60°	4000 K (CRI 80)	148 W	20000	15800	7.5	1
GW S6 344 GD	90°	4000 K (CRI 80)	148 W	20000	16800	7.5	1
GW S6 345 GD	Elliptical	4000 K (CRI 80)	148 W	20000	15800	7.5	1
Versions: 5700K cold light							
GW S6 342 GD57K	30°	5700 K (CRI 80)	148 W	20000	15500	7.5	1
GW S6 343 GD57K	60°	5700 K (CRI 80)	148 W	20000	15800	7.5	1
GW S6 344 GD57K	90°	5700 K (CRI 80)	148 W	20000	16800	7.5	1
GW S6 345 GD57K	Elliptical	5700 K (CRI 80)	148 W	20000	15800	7.5	1

NOTES: Voltage current 220-240 V 50/60Hz.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

Esalite HB

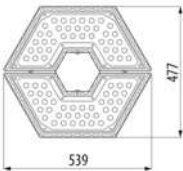
ESALITE HB - 24K



ESALITE HB - 24K - SUSPENDED VERSION WITH LENS



GW S6 052 GD

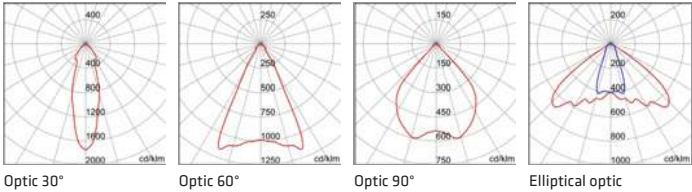


LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER

							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 052 GD30K	30°	3000 K (CRI 80)	210 W	27000	21900	11.2	1
GW S6 053 GD30K	60°	3000 K (CRI 80)	210 W	27000	22400	11.2	1
GW S6 054 GD30K	90°	3000 K (CRI 80)	210 W	27000	23800	11.2	1
GW S6 055 GD30K	Elliptical	3000 K (CRI 80)	210 W	27000	22400	11.2	1
Versions: 4000K natural light							
GW S6 052 GD	30°	4000 K (CRI 80)	210 W	29000	23600	11.2	1
GW S6 053 GD	60°	4000 K (CRI 80)	210 W	29000	24100	11.2	1
GW S6 054 GD	90°	4000 K (CRI 80)	210 W	29000	25600	11.2	1
GW S6 055 GD	Elliptical	4000 K (CRI 80)	210 W	29000	24100	11.2	1
Versions: 5700K cold light							
GW S6 052 GD57K	30°	5700 K (CRI 80)	210 W	29000	23600	11.2	1
GW S6 053 GD57K	60°	5700 K (CRI 80)	210 W	29000	24100	11.2	1
GW S6 054 GD57K	90°	5700 K (CRI 80)	210 W	29000	25600	11.2	1
GW S6 055 GD57K	Elliptical	5700 K (CRI 80)	210 W	29000	24100	11.2	1

NOTES: equipped with 2 DALI drivers (2 distinct addresses). Voltage current 220-240V 50/60Hz.
Technical data may change due to the continuous evolution of LED technology.
The nominal flux is referred to Tj=85°C.

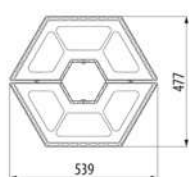
Photometric distributions



ESALITE HB - 24K - SUSPENDED VERSION WITH GLASS



GW S6 352 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



IP
66

IK
08

CONSTANT
CURRENT
DRIVER



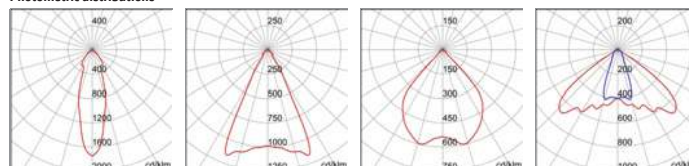
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 352 GD30K	30°	3000 K (CRI 80)	210 W	27000	20200	11.2	1
GW S6 353 GD30K	60°	3000 K (CRI 80)	210 W	27000	20600	11.2	1
GW S6 354 GD30K	90°	3000 K (CRI 80)	210 W	27000	21900	11.2	1
GW S6 355 GD30K	Elliptical	3000 K (CRI 80)	210 W	27000	20600	11.2	1
Versions: 4000K natural light							
GW S6 352 GD	30°	4000 K (CRI 80)	210 W	29000	21700	11.2	1
GW S6 353 GD	60°	4000 K (CRI 80)	210 W	29000	22200	11.2	1
GW S6 354 GD	90°	4000 K (CRI 80)	210 W	29000	23600	11.2	1
GW S6 355 GD	Elliptical	4000 K (CRI 80)	210 W	29000	22200	11.2	1
Versions: 5700K cold light							
GW S6 352 GD57K	30°	5700 K (CRI 80)	210 W	29000	21700	11.2	1
GW S6 353 GD57K	60°	5700 K (CRI 80)	210 W	29000	22200	11.2	1
GW S6 354 GD57K	90°	5700 K (CRI 80)	210 W	29000	23600	11.2	1
GW S6 355 GD57K	Elliptical	5700 K (CRI 80)	210 W	29000	22200	11.2	1

NOTES: equipped with 2 DALI drivers (2 distinct addresses). Voltage current 220-240V 50/60Hz.

Technical data may change due to the continuous evolution of LED technology.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

Esalite HB

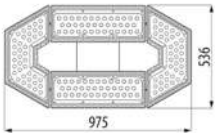
ESALITE HB - 48K



ESALITE HB - 48K - SUSPENDED VERSION WITH LENS



GW S6 082 GD

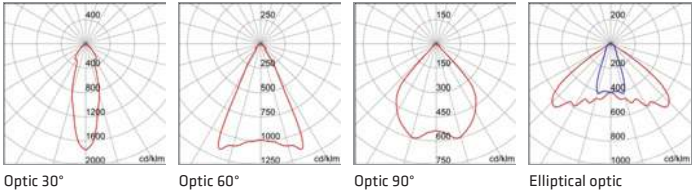


LED VERSION - RAL 9006 GREY - IP65- CLASS I - DALI DRIVER

							
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 082 GD30K	30°	3000 K (CRI 80)	420 W	59000	43900	22.5	1
GW S6 083 GD30K	60°	3000 K (CRI 80)	420 W	59000	44900	22.5	1
GW S6 084 GD30K	90°	3000 K (CRI 80)	420 W	59000	47700	22.5	1
GW S6 085 GD30K	Elliptical	3000 K (CRI 80)	420 W	59000	44900	22.5	1
Versions: 4000K natural light							
GW S6 082 GD	30°	4000 K (CRI 80)	420 W	63000	47200	22.5	1
GW S6 083 GD	60°	4000 K (CRI 80)	420 W	63000	48300	22.5	1
GW S6 084 GD	90°	4000 K (CRI 80)	420 W	63000	51300	22.5	1
GW S6 085 GD	Elliptical	4000 K (CRI 80)	420 W	63000	48300	22.5	1
Versions: 5700K cold light							
GW S6 082 GD57K	30°	5700 K (CRI 80)	420 W	63000	47200	22.5	1
GW S6 083 GD57K	60°	5700 K (CRI 80)	420 W	63000	48300	22.5	1
GW S6 084 GD57K	90°	5700 K (CRI 80)	420 W	63000	51300	22.5	1
GW S6 085 GD57K	Elliptical	5700 K (CRI 80)	420 W	63000	48300	22.5	1

NOTES: equipped with 4 DALI drivers (4 distinct addresses). Voltage current 220-240V 50/60Hz.
Technical data may change due to the continuous evolution of LED technology.
The nominal flux is referred to Tj=85°C.

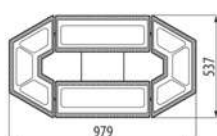
Photometric distributions



ESALITE HB - 48K - SUSPENDED VERSION WITH GLASS



GW S6 382 GD



LED VERSION - RAL 9006 GREY - IP66 - CLASS I - DALI DRIVER



IP
66

IK
08

CONSTANT
CURRENT
DRIVER



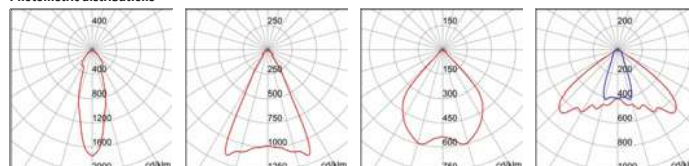
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 3000K warm light							
GW S6 382 GD30K	30°	3000 K (CRI 80)	420 W	59000	40400	22.5	1
GW S6 383 GD30K	60°	3000 K (CRI 80)	420 W	59000	41300	22.5	1
GW S6 384 GD30K	90°	3000 K (CRI 80)	420 W	59000	43900	22.5	1
GW S6 385 GD30K	Elliptical	3000 K (CRI 80)	420 W	59000	41300	22.5	1
Versions: 4000K natural light							
GW S6 382 GD	30°	4000 K (CRI 80)	420 W	63000	43500	22.5	1
GW S6 383 GD	60°	4000 K (CRI 80)	420 W	63000	44500	22.5	1
GW S6 384 GD	90°	4000 K (CRI 80)	420 W	63000	47200	22.5	1
GW S6 385 GD	Elliptical	4000 K (CRI 80)	420 W	63000	44500	22.5	1
Versions: 5700K cold light							
GW S6 382 GD57K	30°	5700 K (CRI 80)	420 W	63000	43500	22.5	1
GW S6 383 GD57K	60°	5700 K (CRI 80)	420 W	63000	44500	22.5	1
GW S6 384 GD57K	90°	5700 K (CRI 80)	420 W	63000	47200	22.5	1
GW S6 385 GD57K	Elliptical	5700 K (CRI 80)	420 W	63000	44500	22.5	1

NOTES: equipped with 4 DALI drivers (4 distinct addresses). Voltage current 220-240V 50/60Hz.

Technical data may change due to the continuous evolution of LED technology.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Optic 30°

Optic 60°

Optic 90°

Elliptical optic

ACCESSORIES FOR ESALITE HB

ACCESSORIES FOR HB



GW S6 924

COMPLEMENTARY ITEMS

Code	Description	Pack Carton
Type: Installation kit		
GW S6 921	Suspension kit for ESALITE	1/5
GW S6 922	Genovese chain for ESALITE (50 m)	1
GW S6 923	Box of metal S hook for suspension (20 pcs.)	1
GW S6 926	Carabiner Hook (20pz)	1
GW S6 924	Bracket for 12K - 16K - 20K	1/2
GW S6 925	Bracket for ESALITE 24K	1/2
Type: Sensors		
GW S6 903	Sensor PIR ESALITE 6k	1
GW S6 901	PIR sensor for ESALITE 12K-16K-20K	1
GW S6 902	PIR sensor for ESALITE 24K	1
GW S6 910	Remote control for PIR sensor	1
Type: Emergency		
GW S6 911	Emergency with 3h autonomy for ESALITE 6K-4000K	1

Emergency Kit for 5700K version available on request.

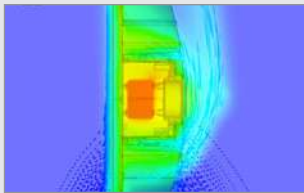
Esalite HB

VERSATILE



The ESALITE range offers seven different light flux sizes, four optics and three LED colour temperatures. The three installation modes and two colours also ensure the best integration of the product in any context.

RELIABLE



Developed using in-depth thermal dimensioning research the range provides high performance light output. Ideal heat dissipation means the fitting offers high quality and performance, with a long lifetime.

INTEGRATED HOOK



To ensure optimum robustness, ESALITE is designed with a fixing ring integrated in the die-cast form. This guarantees exceptional fixing speeds, even in extreme environments where manageability and quick installation are fundamental.

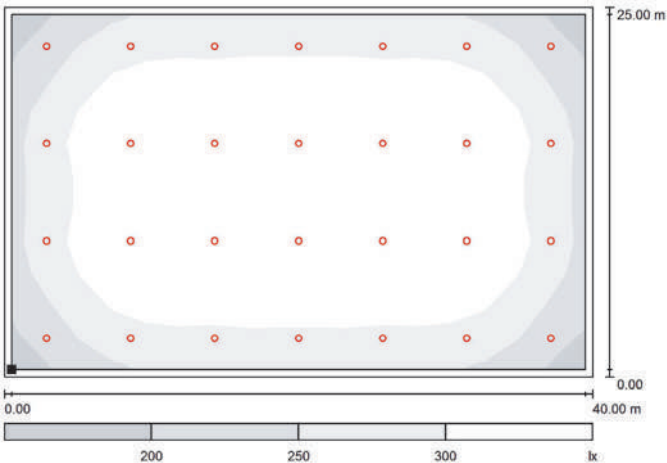
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	RAL 9006 Grey
MATERIALS	
Lenses	PMMA
Shield	Tempered glass 4 mm
Body	EN 46100 die-casting aluminium

IP PROTECTION	IP65 (lens) or IP66 (glass)
IK RESISTANCE	IK06 (lens) or IK08 (glass)
INSULATION CLASS	I
OVERVOLTAGE PROTECTION	> 6kv
MARKS	CE   

Installation solutions

Project: Warehouse



Reference standard	UNI EN 12464-1:2011
Reference	5.11.1
Activity Cable and wire manufacturing	Activity Cable and wire manufacturing
Eav [Ix]	300 lux
Uniformity (Uo)	0,6
Room dimension	40x25x12 m
Device	ESALITE HB 16K - GWS6034GD
Quantity	28
Eave on work plane (Em)	305 lux
Uniformity (Uo)	0,6
Total power system	3,5 kW

Smart [3]

LED watertight luminaires

Smart [3] is the new range of LED watertight luminaires that completes the Smart selection. Ideal even in installation contexts of limited height (less than 4 metres), they are entirely designed, developed and produced in Italy. They are distinguished by an elegant design that highlights the particular features of the new LED technology, their extremely reduced energy consumption, their high impact resistance and their quick, easy installation.

Technical characteristics page 134



SMART [3]



TRANSPARENT DIFFUSER



GW S3 236 T

WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 118 T	800 mm	4000 K (CRI 80)	15 W	2100	1700	1.5	1/90
GW S3 136 T	1200 mm	4000 K (CRI 80)	20 W	2900	2500	2	1/90
GW S3 158 T	1600 mm	4000 K (CRI 80)	26 W	3700	3400	2.5	1/90
GW S3 218 T	800 mm	4000 K (CRI 80)	27 W	3500	3400	1.5	1/90
GW S3 236 T	1200 mm	4000 K (CRI 80)	40 W	5500	4900	2	1/90
GW S3 258 T	1600 mm	4000 K (CRI 80)	50 W	6900	6500	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 218 TD	800 mm	4000 K (CRI 80)	27 W	3500	3400	1.5	1/90
GW S3 258 TD	1600 mm	4000 K (CRI 80)	50 W	6900	6500	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

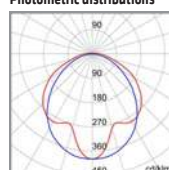
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

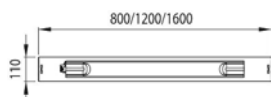
Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

Photometric distributions



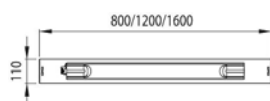
Transp.shield



OPAL DIFFUSER



GW S3 236 P



WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 118 P	800 mm	4000 K (CRI 80)	15 W	2100	1500	1.5	1/90
GW S3 136 P	1200 mm	4000 K (CRI 80)	20 W	2900	2300	2	1/90
GW S3 158 P	1600 mm	4000 K (CRI 80)	26 W	3700	3000	2.5	1/90
GW S3 218 P	800 mm	4000 K (CRI 80)	27 W	3500	3200	1.5	1/90
GW S3 236 P	1200 mm	4000 K (CRI 80)	40 W	5500	4500	2	1/90
GW S3 258 P	1600 mm	4000 K (CRI 80)	50 W	6900	6000	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 118 PD	800 mm	4000 K (CRI 80)	17 W	2100	1500	1.5	1/90
GW S3 158 PD	1600 mm	4000 K (CRI 80)	26 W	3700	3000	2.5	1/90
GW S3 218 PD	800 mm	4000 K (CRI 80)	27 W	3500	3200	1.5	1/90
GW S3 236 PD	1200 mm	4000 K (CRI 80)	40 W	5500	4500	2	1/90
GW S3 258 PD	1600 mm	4000 K (CRI 80)	50 W	6900	6000	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

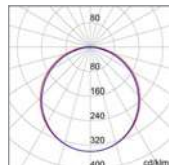
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

Photometric distributions

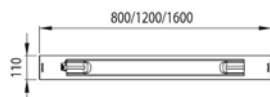


Opal shield

TRANSPARENTE DIFFUSER - QUICK WIRING CONNECTION



GW S3 236 TL



WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 136 TL	1200 mm	4000 K (CRI 80)	20 W	2900	2500	2	1/90
GW S3 158 TL	1600 mm	4000 K (CRI 80)	26 W	3700	3400	2.5	1/90
GW S3 218 TL	800 mm	4000 K (CRI 80)	27 W	3500	3400	1.5	1/90
GW S3 236 TL	1200 mm	4000 K (CRI 80)	40 W	5500	4900	2	1/90
GW S3 258 TL	1600 mm	4000 K (CRI 80)	50 W	6900	6500	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 258 TLD	1600 mm	4000 K (CRI 80)	50 W	6900	6500	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

NOTE: Due to the continuous changes with the LED technologies, the technical data can undertake variations.

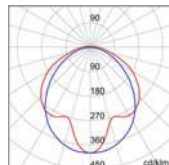
Nominal flux referred to Tj=85°C.

Maximum working temperature: +50°C.

SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).

maximum luminaries in line : 25 pieces.

Photometric distributions

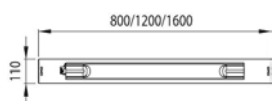


Transp.shield

OPAL DIFFUSER - QUICK WIRING CONNECTION



GW S3 236 PL



WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 118 PL	800 mm	4000 K (CRI 80)	15 W	2100	1500	1.5	1/90
GW S3 136 PL	1200 mm	4000 K (CRI 80)	20 W	2900	2300	2	1/90
GW S3 158 PL	1600 mm	4000 K (CRI 80)	26 W	3700	3000	2.5	1/90
GW S3 218 PL	800 mm	4000 K (CRI 80)	27 W	3500	3200	1.5	1/90
GW S3 236 PL	1200 mm	4000 K (CRI 80)	40 W	5500	4500	2	1/90
GW S3 258 PL	1600 mm	4000 K (CRI 80)	50 W	6900	6000	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 136 PLD	1200 mm	4000 K (CRI 80)	21 W	2900	2300	2	1/90
GW S3 158 PLD	1600 mm	4000 K (CRI 80)	26 W	3700	3400	2.5	1/90
GW S3 236 PLD	1200 mm	4000 K (CRI 80)	40 W	5500	4500	2	1/90
GW S3 258 PLD	1600 mm	4000 K (CRI 80)	50 W	6900	6000	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

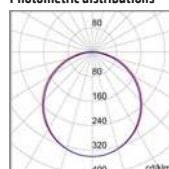
Nominal flux referred to Tj=85°C.

Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

maximum luminaries in line : 25 pieces.

Photometric distributions



Opal shield

COMPLEMENTARY ITEMS



GW S3 192

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Pack Carton
GW S3 191	Pair of brackets for fixing to the wall at 30° or 45°	1/10
GW S3 192	2P 10 A male connector	1/10
GW S3 193	Flexible connector for 20 mm pipe	1/10



GW S3 198

EMERGENCY KIT

Code	Description	Autonomy	Pack Carton
GW S3 198	Smart [3] emergency kit - through wiring	3 h	1

NOTE: Ni-Mh battery pack. 3h autonomy with 24h recharge.

Emergency device suitable only for through wiring version.

ACCESSORIES SUPPLIED: IN supply cable with male and female connector; OUT cable with female connector.

Smart [3]



FIXING DISTANCE



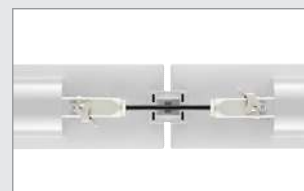
The wide variable distances clips guarantee the return point to point traditional ceiling using the same fixing holes and without on the electrical system.

IP66/IP69



Smart [3], thanks to its IP rating IP66/IP69, results to be resistant to the penetration of high pressure jets and temperatures (e.g. high-pressure wash).

THROUGH WIRING



The through-wiring versions allow the installation in a row continues and the perfect alignment of the ceiling via a special accessory provided standard with the product.

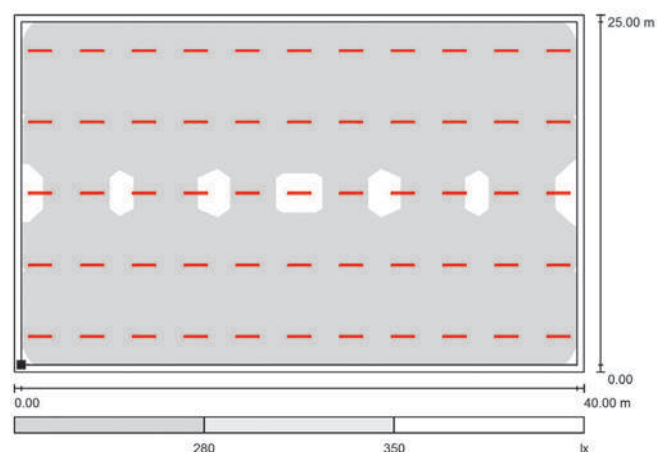
Technical characteristics

INSTALLATION	Internal
COLOUR	Grey RAL7035
MATERIALS	
Body	PC
Reflector	Sheet steel pre-painted white
Shield	PC stabilised for UV rays

IP PROTECTION	IP66 / IP69
IK RESISTANCE	IK08
INSULATION CLASS	II
MARKS	CE  

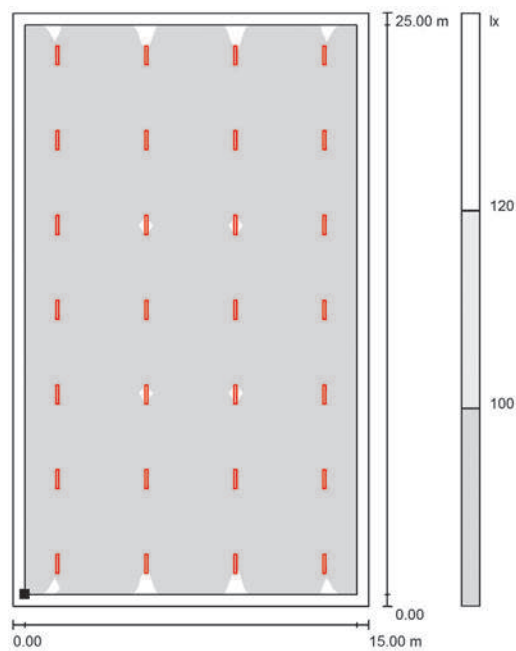
Technical solutions

Project: cement-working industry



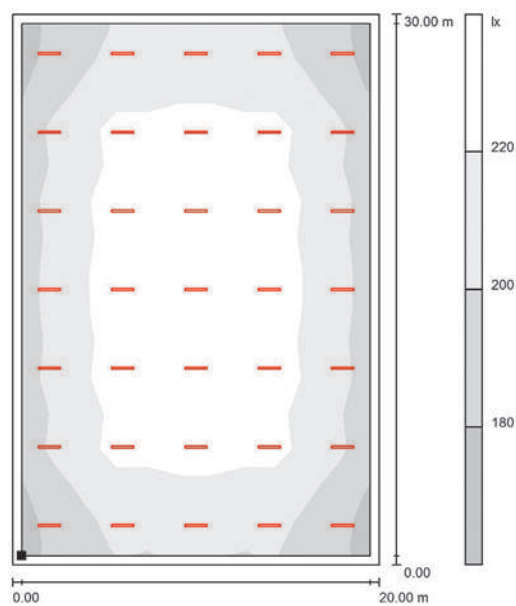
Reference standard	EN 12464-1:2011
Reference	5.8.4
Activity	Cement rough moulding
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 3m
Product Code	SMART[3] GWS3258T
Quantity	55
Eave on work plane (Em)	310
Uniformity (Uo)	0.7
Total power system	2.8 kW

Project: Warehouses



Reference standard	EN 12464-1:2011
Reference	5.4.1
Activity	Warehouses
Eave on work plane (Em)	100 lx
Uniformity (Uo)	0.4
Room dimension	15 x 25 x 3 m
Product Code	SMART[3] GWS3118P
Quantity	28
Eave on work plane (Em)	100
Uniformity (Uo)	0.6
Total power system	0.39 kW

Project: Canteen



Reference standard	EN 12464-1:2011
Reference	5.2.1
Activity	Canteen
Eave on work plane (Em)	200 lx
Uniformity (Uo)	0.4
Room dimension	20 x 30 x 4 m
Product Code	SMART[3] GWS3236P
Quantity	35
Eave on work plane (Em)	210
Uniformity (Uo)	0.7
Total power system	1.3 kW

Smart [3] C

LED watertight luminaires

Smart[3]C is the new range of compact LED luminaires which offer excellent energy efficiency performance. Available in two different sizes, 800mm and 1200mm, to satisfy the different needs of the market.



Technical characteristics page 138

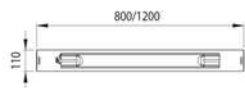
SMART[3] C



TRANSPARENT DIFFUSER



GW S3 236 TC



WIRED VERSIONS - IP66 - CLASS II



**CONSTANT
CURRENT
DRIVER**

**3 YEARS
WARRANTY**

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 236 TC	800 mm	4000 K (CRI 80)	35 W	4300	4000	1.5	1/90
GW S3 258 TC	1200 mm	4000 K (CRI 80)	56 W	6900	6700	2	1/90

Opal versions available on request.

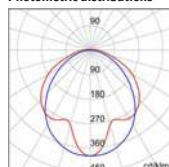
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Maximum working temperature: +35°C.

SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).

Photometric distributions



Transp.shield

TRANSPARENT DIFFUSER - QUICK WIRING CONNECTION



GW S3 258 TLC



WIRED VERSIONS - IP66 - CLASS II



**CONSTANT
CURRENT
DRIVER**

**3 YEARS
WARRANTY**

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 258 TLC	1200 mm	4000 K (CRI 80)	56 W	6900	6700	2.5	1/90

Opal versions available on request.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

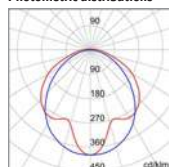
Nominal flux referred to Tj=85°C.

Maximum working temperature: +35°C.

maximum luminaires in line : 25 pieces.

SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).

Photometric distributions



Transp.shield

COMPLEMENTARY ITEMS



GW S3 192

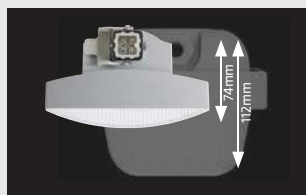
COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Pack Carton
GW S3 191	Pair of brackets for fixing to the wall at 30° or 45°	1/10
GW S3 192	2P 10 A male connector	1/10
GW S3 193	Flexible connector for 20 mm pipe	1/10

Smart [3] C



REDUCED THICKNESS



Compared with the market standards, Smart [3] C stands out for its compactness, meaning it can be installed in places where space is particularly limited.

FIXING CENTRE DISTANCE



Thanks to the wide and variable centre distance of the clips on these devices, single traditional luminaires can easily be replaced using the same fixing holes and without needing to alter the electrical system.

SURFACE-MOUNTING



Using the surface-mounting fixing accessories, the luminaires can be installed with a 30° or 45° tilt.

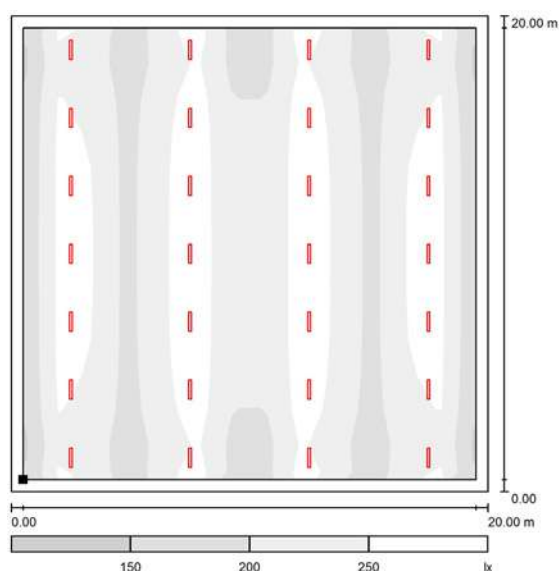
Technical characteristics

INSTALLATION	Indoors
COLOUR	Grey RAL7035
MATERIALS	
Body	PC
High bay	Pre-painted white metal sheet
Screen	PC stabilised for UV

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	II
MARKS	CE 

Installation solutions

Project: Electrical power plants



Reference standard	EN 12464-1:2011
Reference	5.20.3
Task or job carried out	Machine rooms
Average lighting on the work surface (Em)	200 lx
Uniformity (Uo)	0.4
Room dimensions	20 x 20 x 3m
Product code	GWS3236TC
Quantity	28
Average lighting on the work surface (Em)	230
Uniformity (Uo)	0.4
Total power system	0.9 KW

Smart [3] S

LED watertight luminaires

High power LED luminaires with light emission of more than 8000lm.

Versatile and innovative, when installed in new systems, it represents the ideal solution for increasing energy efficiency, significantly reducing the number of luminaires that need to be installed when compared with traditional technologies.

In pre-existing systems, installation is facilitated thanks to the variable fixing centre distance, with no need to carry out operations on the electrical system.

Technical characteristics page 141



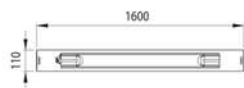
SMART[3] S



TRANSPARENT DIFFUSER



GW S3 280 TS



WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 280 TS	1600 mm	4000 K (CRI 80)	67 W	8600	8200	2.5	1/90

Opal versions available on request.

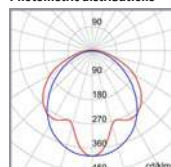
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Maximum working temperature: +35°C.

SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).

Photometric distributions

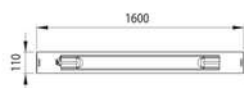


Transp.shield

TRANSPARENT DIFFUSER - QUICK WIRING CONNECTION



GW S3 280 TLS



WIRED VERSIONS - IP66/IP69 - CLASS II



**CONSTANT
CURRENT
DRIVER**



Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
GW S3 280 TLS	1600 mm	4000 K (CRI 80)	67 W	8600	8200	2.5	1/90

Opal versions available on request.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

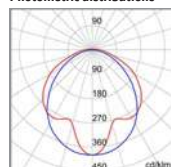
Nominal flux referred to Tj=85°C.

Maximum working temperature: +35°C.

maximum luminaires in line : 25 pieces.

SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).

Photometric distributions



Transp.shield

COMPLEMENTARY ITEMS



GW S3 192

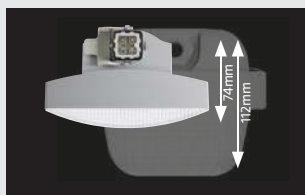
COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Pack Carton
GW S3 191	Pair of brackets for fixing to the wall at 30° or 45°	1/10
GW S3 192	2P 10 A male connector	1/10
GW S3 193	Flexible connector for 20 mm pipe	1/10

Smart [3] S



REDUCED THICKNESS



Compared with the market standards, Smart [3] stands out for its compactness, meaning it can be installed in places where space is particularly limited.

IP66/IP69



The degree of protection, earth-free insulation and high impact resistance allow Smart [3] to withstand damp, dirt and atmospheric agents.

COLOUR TEMPERATURE AND YIELD



The chromatic yield index of at least 80, and the 4000K colour temperature, ensure the best lighting even in production contexts (as specified by UNI EN 12464-1).

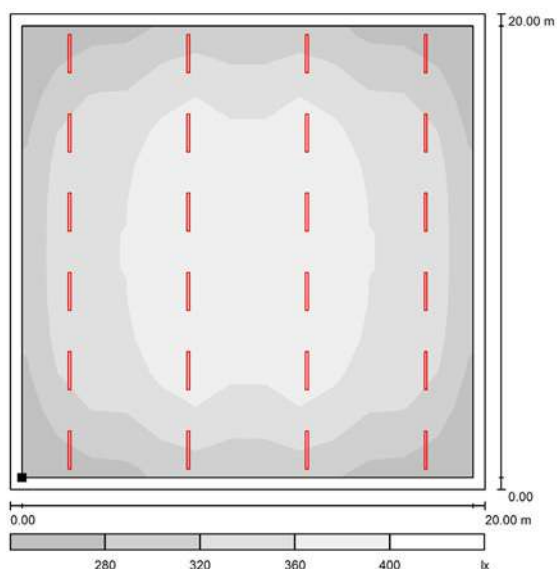
Technical characteristics

INSTALLATION	Indoors
COLOUR	Grey RAL7035
MATERIALS	
Body	PC
High bay	Pre-painted white metal sheet
Screen	PC stabilised for UV

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	II
MARKS	CE 

Installation solutions

Project: Iron and steel machining



Reference standard	EN 12464-1:2011
Reference	5.22.6
Activity	Rolling mill winders, cutting line
Average lighting on the work surface (Em)	300 lx
Uniformity (Uo)	0.6
Room dimensions	20 x 20 x 6m
Product code	GWS3280TS
Quantity	24
Average lighting on the work surface (Em)	340
Uniformity (Uo)	0.7
Total power system	1.6 KW

Smart [4] 2.0 LB-HB

Industrial devices

Thanks to the new latest generation LEDs, which are always combined with the most efficient optic solutions, the Smart[4] 2.0 range guarantees excellent lighting performance, greater visual comfort and excellent light quality.



Technical characteristics page 154

Smart [4] FL Family



Smart [4] LB-HB
(GWS4....)



Smart [4] Wall bracket kit
(GWL1....)



Smart [4] FL

SMART[4] 2.0 LB - 2L - EQUIVALENT TO 1X58W FD



IP
66

IK
08



GWT
850°C



STANDARD VERSIONS



GW S4 004 GS

WIRED VERSIONS - IP66 - CLASS I



CONSTANT
CURRENT
DRIVER



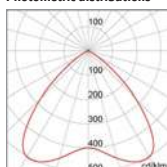
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 004 GS	Diffused 100°	4000 K (CRI 80)	25 W	2960	2600	Grey RAL 7037	1.8	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.

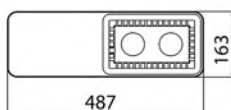
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +50°C.

Photometric distributions



Diffused 100°



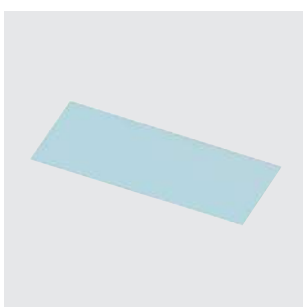
COMPLEMENTARY ITEMS



GW L1 921

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 921	Bracket 2L	1	1



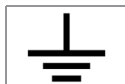
GW L1 906

SPARE PART

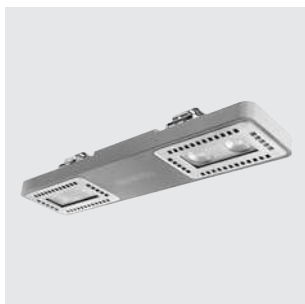
Code	Description	Dimensions (mm)	Pack Carton
GW L1 906	Transparent glass 2L	176 x 82	1

Smart[4] 2.0 LB - HB

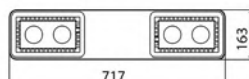
SMART[4] 2.0 LB - 2+2L - EQUIVALENT TO 2X58W FD



STANDARD VERSIONS



GW S4 014 GS



WIRED VERSIONS - IP66 - CLASS I



**CONSTANT
CURRENT
DRIVER**



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 014 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.

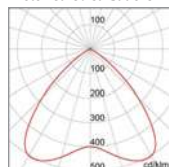
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

Photometric distributions



Diffused 100°

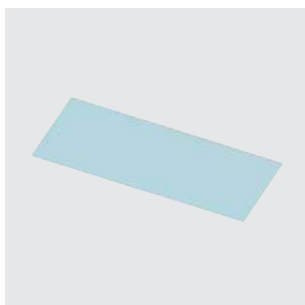
COMPLEMENTARY ITEMS



GW L1 922

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 922	Bracket 2+2L	1	1

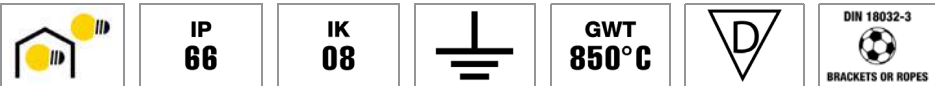


GW L1 906

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 906	Transparent glass 2L	176 x 82	1

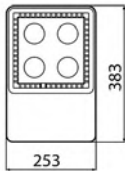
SMART[4] 2.0 LB - 4L - EQUIVALENT TO 2X58W FD



STANDARD VERSIONS



GW S4 024 GS



WIRED VERSION - IP66 - CLASS I



**CONSTANT
CURRENT
DRIVER**



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 023 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	3	1
GW S4 024 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	3	1
GW S4 025 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	3	1
GW S4 026 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

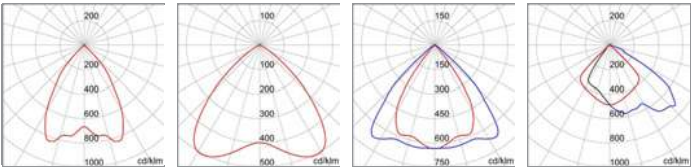
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

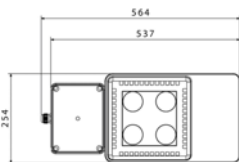
Photometric distributions



EMERGENCY VERSION



GW S4 024 GE



WIRED VERSION - IP56 - CLASS I



**CONSTANT
CURRENT
DRIVER**



**IP
56**

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 024 GE	Diffused 100°	53 W	5210	520	4000 K (CRI 80)	Grey RAL 7037	5	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.

Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.

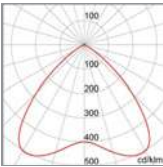
due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Minimum working temperature: +5°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Photometric distributions



Diffused 100°

Smart[4] 2.0 LB - HB

COMPLEMENTARY ITEMS



GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 923	Bracket 4L / 5L	1	1
GW L1 926	Fixing plate to pipe 4L-5L	1	1

NOTE: GWL1926 fixing plates on pipe with diameter 40/60 mm.

SMART[4] 2.0 LB - 5L - EQUIVALENT TO 2X58W FD

IP 66

IK 08

GWT 850°C

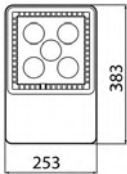
DIN 18032-3

BRACKETS OR ROPES

STANDARD VERSIONS



GW S4 034 GS



WIRED VERSION - IP66 - CLASS I



**CONSTANT
CURRENT
DRIVER**



Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 033 GS	Medium 60°	4000 K (CRI 80)	60 W	7120	6820	Grey RAL 7037	3.2	1
GW S4 034 GS	Diffused 100°	4000 K (CRI 80)	60 W	7120	6510	Grey RAL 7037	3.2	1
GW S4 036 GS	Asymmetrical	4000 K (CRI 80)	60 W	7120	6350	Grey RAL 7037	3.2	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

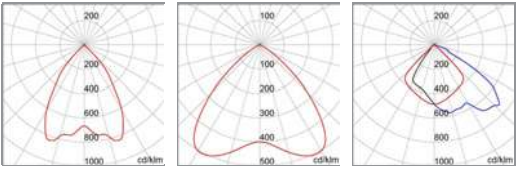
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

Photometric distributions



Medium 60°

Diffused 100°

Asymmetrical

COMPLEMENTARY ITEMS



GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 923	Bracket 4L / 5L	1	1
GW L1 926	Fixing plate to pipe 4L-5L	1	1

NOTE: GWL1926 fixing plates on pipe with diameter 40/60 mm.

Smart[4] 2.0 LB - HB

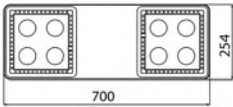
SMART[4] 2.0 HB - 4+4L - EQUIVALENT TO 250 W ME



STANDARD VERSIONS



GW S4 044 GS



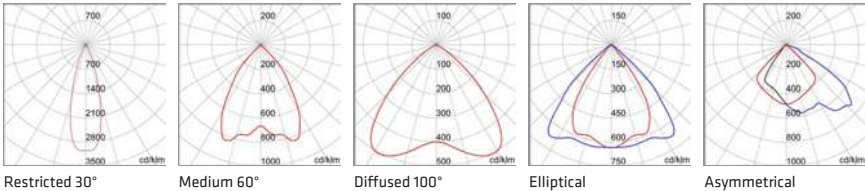
WIRED VERSION - IP66 - CLASS I




Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 042 GS	Restricted 30°	4000 K (CRI 80)	97 W	11810	8240	Grey RAL 7037	5.3	1
GW S4 043 GS	Medium 60°	4000 K (CRI 80)	97 W	11810	10920	Grey RAL 7037	5.3	1
GW S4 044 GS	Diffused 100°	4000 K (CRI 80)	97 W	11810	10420	Grey RAL 7037	5.3	1
GW S4 045 GS	Elliptical	4000 K (CRI 80)	97 W	11810	10560	Grey RAL 7037	5.3	1
GW S4 046 GS	Asymmetrical	4000 K (CRI 80)	97 W	11810	10150	Grey RAL 7037	5.3	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

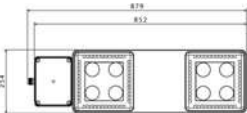
Photometric distributions



EMERGENCY VERSION



GW S4 044 GE

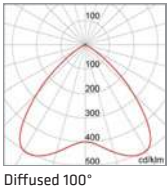


WIRED VERSION - IP56 - CLASS I

 CONSTANT CURRENT DRIVER EMERGENCY   5 YEARS WARRANTY IP 56								
Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. [lm]	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 044 GE	Diffused 100°	100 W	10420	520	4000 K (CRI 80)	Grey RAL 7037	7.3	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.
In emergency mode, only one LED unit works.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.
Minimum working temperature: +5°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Photometric distributions



COMPLEMENTARY ITEMS



GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 924	Bracket 4+4L / 5+5L	1	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1	1

NOTE: GWL1930 fixing plates on pipe with diameter 40/60 mm.

Smart[4] 2.0 LB - HB

SMART[4] 2.0 HB - 5+5L - EQUIVALENT TO 250W ME



IP
66

IK
08



GWT
850°C



STANDARD VERSIONS



GW S4 054 GS

WIRED VERSIONS - IP66 - CLASS I



**CONSTANT
CURRENT
DRIVER**

**5 YEARS
WARRANTY**

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 052 GS	Restricted 30°	4000 K (CRI 80)	118 W	14280	10300	Grey RAL 7037	6	1
GW S4 053 GS	Medium 60°	4000 K (CRI 80)	118 W	14280	13650	Grey RAL 7037	6	1
GW S4 054 GS	Diffused 100°	4000 K (CRI 80)	118 W	14280	13020	Grey RAL 7037	6	1
GW S4 055 GS	Elliptical	4000 K (CRI 80)	118 W	14280	13200	Grey RAL 7037	6	1
GW S4 056 GS	Asymmetrical	4000 K (CRI 80)	118 W	14280	12690	Grey RAL 7037	6	1

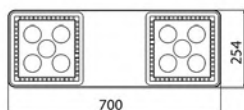
ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

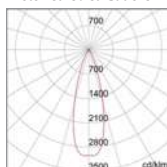
Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

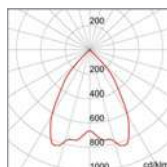
Maximum working temperature: +50°C.



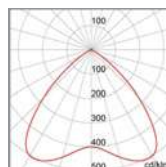
Photometric distributions



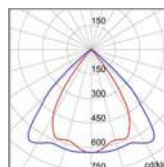
Restricted 30°



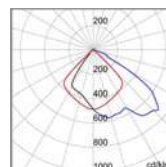
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS



GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 924	Bracket 4+4L / 5+5L	1	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1	1

NOTE: GWL1930 fixing plates on pipe with diameter 40/60 mm.

SMART[4] 2.0 HB - 4X4L - EQUIVALENT TO 400W ME

IP 66

IK 08

GWT 850°C

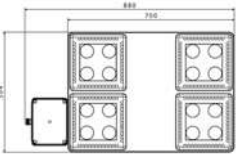
DIN 18032-3

BRACKETS OR ROPES

EMERGENCY VERSION



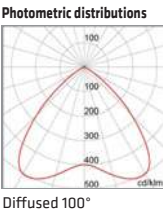
GW S4 064 GE



WIRED VERSION - IP56 - CLASS I

	CONSTANT CURRENT DRIVER	EMERGENCY 		IP 56				
Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 064 GE	Diffused 100°	197 W	20830	520	4000 K (CRI 80)	Grey RAL 7037	14	1

NOTE: Ni-Cd accumulators. 3h autonomy with 24h recharge time.
In emergency mode, only one LED unit works.
Version not tested in accordance with DIN 18032-3 for installation in covered sports facilities.
Minimum operating temperature +5°C.
Versions with 3000 K (-30K) or 5700 K (-57K) LED available upon request



COMPLEMENTARY ITEMS



GW L1 925

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 925	Bracket 4X4L / 4X5L	1	1
GW L1 928	Kit for ceiling mounting fixing with spring 4x4L / 4x5L	1	1

Smart[4] 2.0 LB - HB

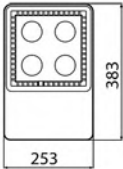
SMART[4] 2.0 LB - 4L - EQUIVALENT TO 2X58 W FD



ATEX VERSIONS ZONE 2G - ZONE 22D



GW S4 023 GSA



WIRED VERSIONS - IP66 - CLASS I

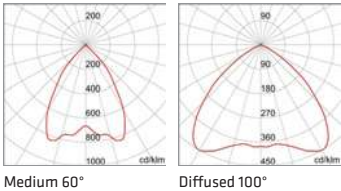




Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 023 GSA	Medium 60°	4000 K (CRI 80)	55 W	6520	5990	Grey RAL 7037	4	1
GW S4 024 GSA	Diffused 100°	4000 K (CRI 80)	55 W	6520	5720	Grey RAL 7037	4	1

ATEX Classification: Equipment-group II Category 3GD
Working temperature: +5°C ; +25°C

Photometric distributions



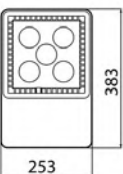
SMART[4] 2.0 LB - 5L - EQUIVALENT TO 2X58 W FD



ATEX VERSIONS ZONE 2G - ZONE 22D



GW S4 034 GSA



WIRED VERSIONS - IP66 - CLASS I



CONSTANT

CURRENT

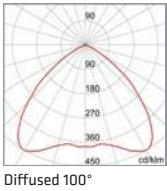
DRIVER




Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 034 GSA	Diffused 100°	4000 K (CRI 80)	69 W	8150	7150	Grey RAL 7037	4.1	1

ATEX Classification: Equipment-group II Category 3GD
Working temperature: +5°C ; +25°C

Photometric distributions



SMART [4] 2.0 HB-5+5L-EQUIVALENT TO 250W ME

IP 66

IK 08

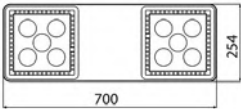
GWT 850°C

DIN 18032-3

ATEX VERSIONS ZONE 2G - ZONE 22D



GW S4 053 GSA

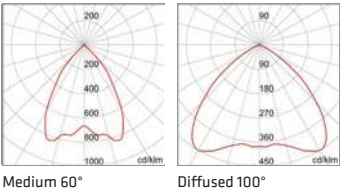


WIRED VERSIONS - IP66 - CLASS I

CONSTANT CURRENT DRIVER5 YEARS WARRANTY								
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 053 GSA	Medium 60°	4000 K (CRI 80)	138 W	16310	14990	Grey RAL 7037	7.7	1
GW S4 054 GSA	Diffused 100°	4000 K (CRI 80)	138 W	16310	14300	Grey RAL 7037	7.7	1

ATEX Classification: Equipment-group II Category 3GD
Working temperature: +5°C ;+25°C

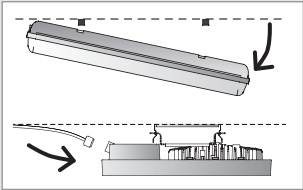
Photometric distributions



Smart [4] 2.0 LB

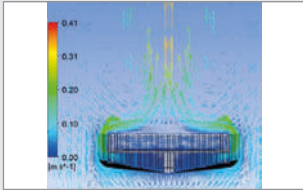


EASY TO INSTALL



The entire range of Smart [4] 2.0 products was designed and developed to make it very easy to install and retrofit on existing devices in obsolete systems.

THERMAL SIZING



Detailed preliminary studies, carried out with special software, and proven application experience, guarantee optimum operating conditions for which, thanks to the issuing of ENEC certification, the device has a maximum operating temperature of +50°C.

RESPECT FOR THE ENVIRONMENT



National certification of a voluntary nature, issued by a third party (IMQ), affirming the truth and impartiality of the declarations regarding environmental, ecological or energy characteristics obtained thanks to the high percentage of recyclability of Smart [4] 2.0 (90.1%).

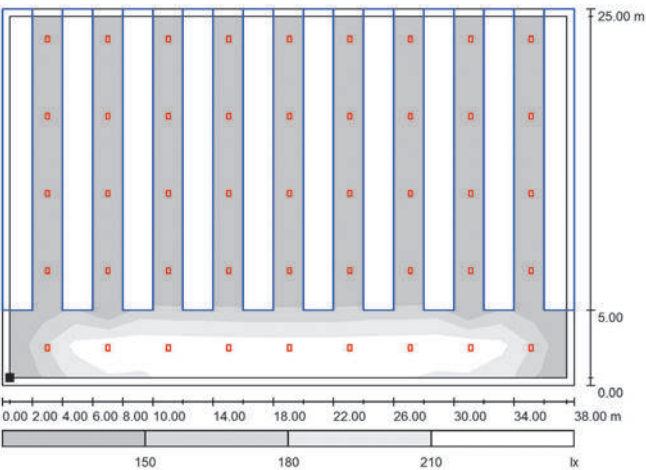
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + GF
Heat sink	Die-cast aluminium EN AB 44300 - copper free
Collimator	PC
Secondary lens	PMMA (if envisaged)
Shield	Extra-clear flat glass 4 mm

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
MARKS	CE 

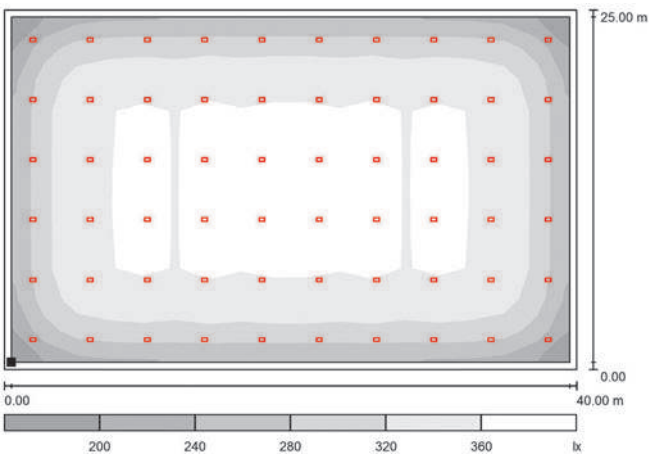
Technical solutions

Project: warehouse with shelving



Reference standard	EN 12464-1:2011
Reference	5.5.2
Activity	warehouse with shelving
Eave on work plane (Em)	150 lx
Uniformity (Uo)	0.4
Room dimension	38 x 25 x 13 m
Product Code	SMART[4] LB 2.0 5L GWS4033GS
Quantity	45
Eave on work plane (Em)	180 lx
Uniformity (Uo)	0.7
Total power system	2.6 kW

Project: paper making and transformation



Reference standard	EN 12464-1:2011
Reference	5.19.2
Activity	Paper making and transformation
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 8 m
Product Code	SMART[4] LB 2.0 5L GWS4033GS
Quantity	60
Eave on work plane (Em)	330 lx
Uniformity (Uo)	0.6
Total power system	3.4 kW

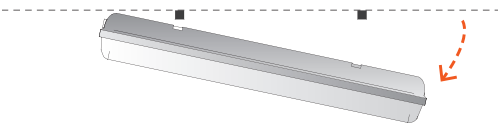
Installation

Easy installation/replacement

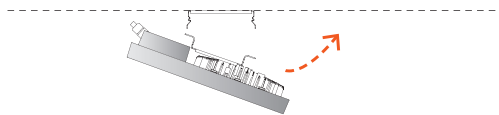
The point-point replacement is the easiest, most economic and reliable solution, minimising the cost of the first installation and making it comparable with a simple relamping



1. Device to be replaced



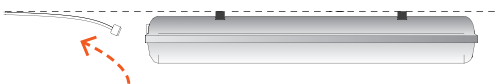
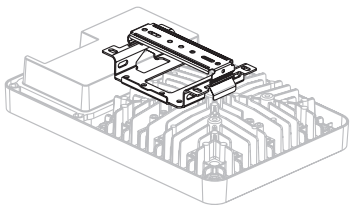
3. Mechanical disassembly of the device to be replaced



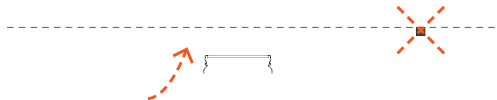
5. Mechanical connection of Smart [4] LB 2.0

CEILING mounting

Standard kit for Smart[4] LB 2.0 for ceiling mounting



2. Electrical disconnection of device to be replaced



4. Installation of the new Gewiss spring



6. Electrical connection of Smart [4] LB 2.0

N.B. only one of the existing coupling points will be used

Smart [4] 2.0 HB

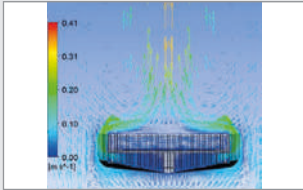


INNOVATIVE ANTI-CONDENSATION DEVICE



Smart [4] 2.0 is supplied with a specific device with a Gore-Tex® membrane, designed to prevent condensation and keep the electronic components inside in good condition.

THERMAL SIZING



Detailed preliminary studies, carried out with special software, and proven application experience, guarantee optimum operating conditions for which, thanks to the issuing of ENEC certification, the device has a maximum operating temperature of +50°C.

OPTIMUM COLOUR PERFORMANCE



Smart[4] 2.0 is equipped with high quality LED Power which offers a better consistency of the light in time.

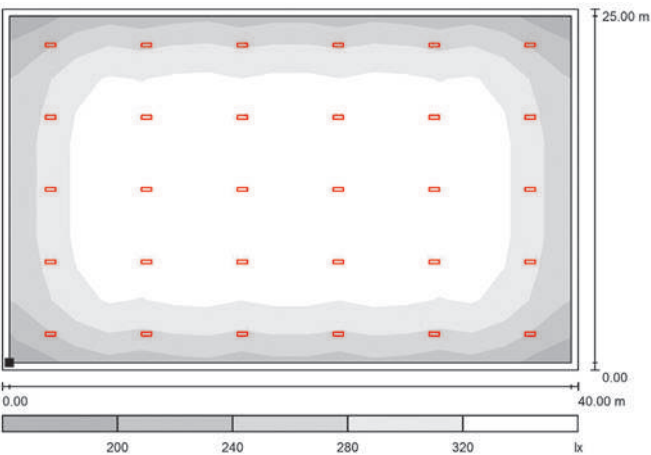
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + GF
Heat sink	Die-cast aluminium EN AB 44300 - copper free
Collimator	PC
Secondary lens	PMMA (if envisaged)
Shield	Extra-clear flat glass 4 mm

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
MARKS	CE 

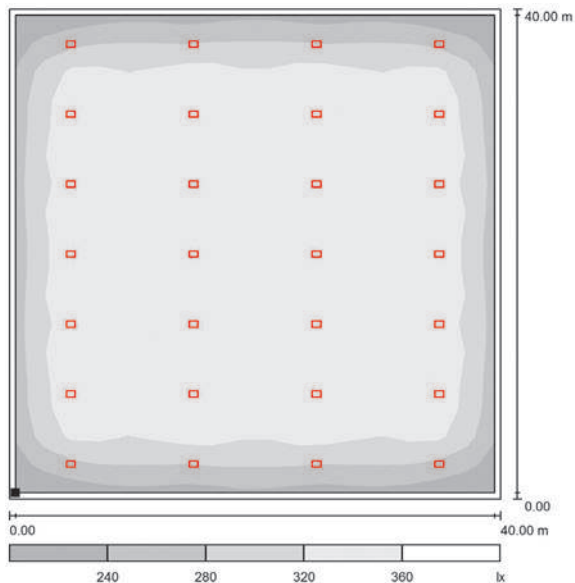
Technical solutions

Project: Foundry



Reference standard	EN 12464-1:2011
Reference	5.13.10
Activity	Foundry - Die-casting
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 7 m
Product Code	SMART[4] HB 2.0 5+5L GWS4054GS
Quantity	30
Eave on work plane (Em)	307 lx
Uniformity (Uo)	0.63
Total power system	3.4 kW

Project: Electrical industry



Reference standard	EN 12464-1:2011
Reference	5.13.10
Activity	Electricity industry Coil saturation
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Glare ratio UGR	25
Room dimension	40 x 40 x 10 m
Product Code	SMART[4] HB 2.0 4X4L GWS4063GS
Quantity	30
Eave on work plane (Em)	320 lx
Uniformity (Uo)	0.66
Total power system	5.7 kW

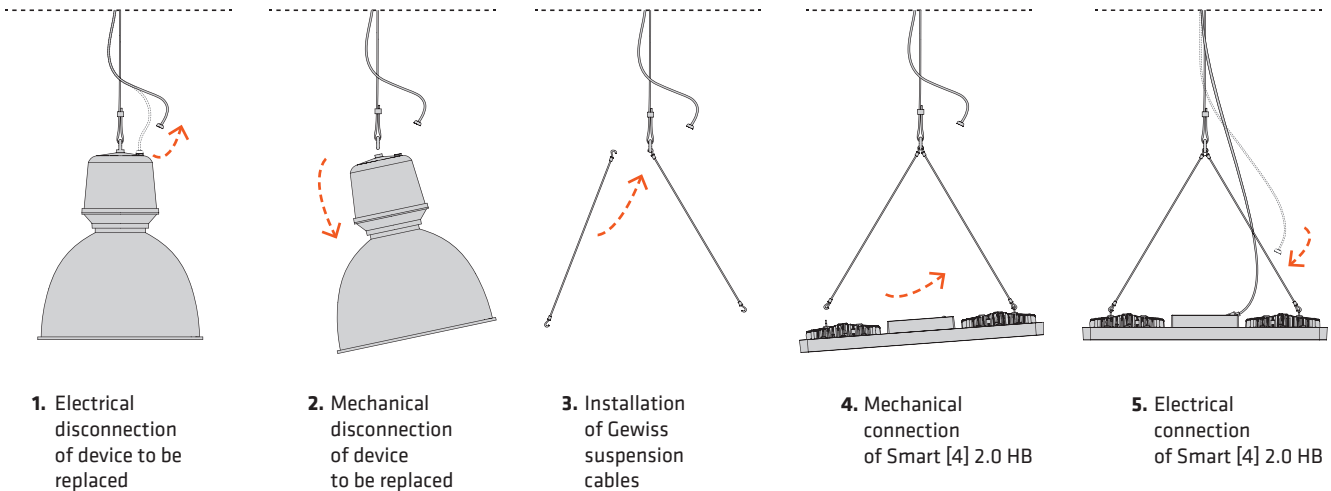
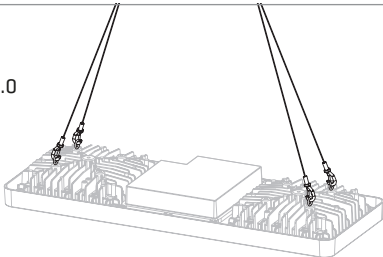
Installation

Easy installation/replacement

The point-point replacement is the easiest, most economic and reliable solution, minimising the cost of the first installation and making it comparable with a simple relamping

SUSPENSION fixing

Standard kit for Smart[4] HB 2.0 for suspension fixing



N.B. the accessory is used to position the focuses exactly at the same height as those of the replaced product.

Smart [4] 2.1 HLO

Industrial devices

The Smart[4] range has been expanded with the new Smart[4] 2.1 HLO (High Lumen Output) versions, which are suitable for applications that require high lighting performance. New solutions with maximum light emission, maintaining the same design.



Technical characteristics page 161

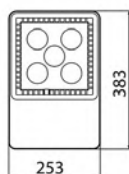
SMART[4] 2.1 HLO - 5L



STANDARD VERSIONS



GW S4 234 GS



WIRED VERSIONS - IP66 - CLASS I



CONSTANT
CURRENT
DRIVER

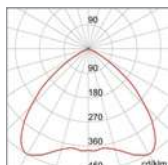
5 YEARS
WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 234 GS	Diffused 100°	4000 K (CRI 80)	70 W	8400	8000	Grey RAL 7037	3.2	1

SUPPLIED ACCESSORIES: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

Photometric distributions



Diffused 100°

COMPLEMENTARY ITEMS



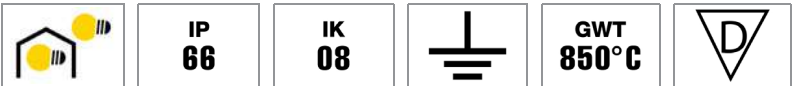
GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 923	Bracket 4L / 5L	1
GW L1 926	Fixing plate to pipe 4L-5L	1

NOTE: GWL1926 fixing plate for 40\60 mm diameter pipes.

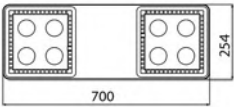
SMART[4] 2.1 HLO - 4+4L



STANDARD VERSIONS



GW S4 243 GS



WIRED VERSIONS - IP66 - CLASS I



CONSTANT
CURRENT
DRIVER

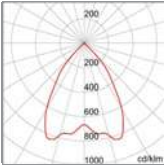


Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 243 GS	Medium 60°	4000 K (CRI 80)	116 W	13440	12580	Grey RAL 7037	5.3	1
GW S4 244 GS	Diffused 100°	4000 K (CRI 80)	112 W	13440	12800	Grey RAL 7037	5.3	1

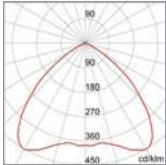
SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

Photometric distributions



Medium 60°



Diffused 100°

COMPLEMENTARY ITEMS



GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 924	Bracket 4+4L / 5+5L	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1

NOTE: GWL1930 fixing plates kit for 40\60 mm diameter pipes.

Smart[4] 2.1 HLO

SMART[4] 2.1 HLO - 5+5L

**IP
66**

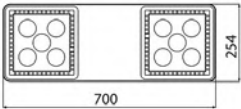
**IK
08**

**GWT
850°C**

STANDARD VERSIONS



GW S4 253 GS

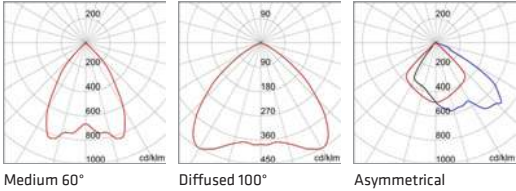


WIRED VERSIONS - IP66 - CLASS I

		CONSTANT CURRENT DRIVER						
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 253 GS	Medium 60°	4000 K (CRI 80)	142 W	16800	15720	Grey RAL 7037	6	1
GW S4 254 GS	Diffused 100°	4000 K (CRI 80)	140 W	16800	16000	Grey RAL 7037	6	1
GW S4 256 GS	Asymmetrical	4000 K (CRI 80)	142 W	16800	15390	Grey RAL 7037	6	1

SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

Photometric distributions



COMPLEMENTARY ITEMS



GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 924	Bracket 4+4L / 5+5L	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1

NOTE: GWL1930 fixing plates kit for 40\60 mm diameter pipes.

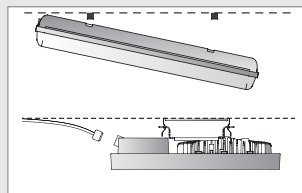
Smart[4] 2.1 HLO

ANTI-CONDENSATION DEVICE



Smart [4]2.1 HLO is supplied with a specific device with a Gore-Tex® membrane, designed to prevent condensation and keep the electronic components inside in good condition.

EASY TO INSTALL



The Smart[4] 2.1 HLO range was designed and developed to guarantee easy installation and permit the individual replacement of existing devices in obsolete systems.

FLEXIBILITY



Different complementary items are available for Smart [4]: Bracket for floodlights or fixing plate kit to pipe.

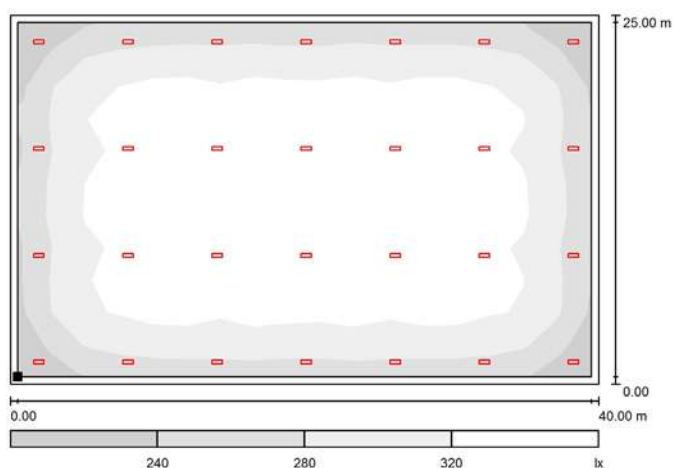
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + FV
Heat sink	EN AB 44300 "copper free" die-cast aluminium
Collimator / high bay	PC
Secondary lens	PMMA (if applicable)
Shield	4mm extra clear flat glass

IP PROTECTION	IP66
IK RESISTANCE	IK08
INSULATION CLASS	I
MARKS	CE

Installation solutions

Project: Cable and wire manufacturing

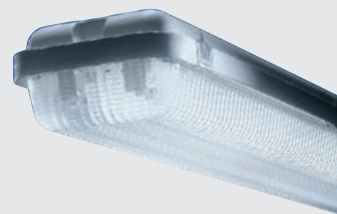


Reference standard	EN 12464-1:2011
Reference	5.11.1
Activity	Cable and wire manufacturing
Average lighting on the work surface (Em)	300 lx
Uniformity (Uo)	0.6
Room dimensions	40x25x12
Product code	Smart [4] 2.1 HLO GWS4253GS
Quantity	28
Average lighting at the work surface (Em)	309
Uniformity (Uo)	0.6
Total power system	3.9 KW

Znt

Watertight professional polycarbonate ceiling mounting luminaires

This professional watertight luminaire has a polycarbonate body and shield to ensure optimum shock resistance compared with normal tempered glass. Suitable for use in the industrial and commercial sectors, the ZNT range is also available in versions that meet the requisites of the Atex directive.



Technical characteristics page 164

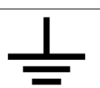
ZNT



IP
65

IK
09

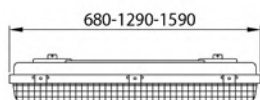
GWT
850°C



DIFFUSED REFLECTOR



GW 80 142

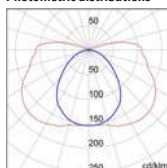


WIRED VERSIONS - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

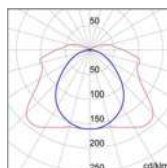


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 80 141	1	18 W	FD	G13	680x112x135	1.6	1/28
GW 80 142	1	36 W	FD	G13	1290x112x135	2.9	1/28
GW 80 144	2	18 W	FD	G13	680x112x195	2.2	1/20
GW 80 145	2	36 W	FD	G13	1290x112x195	3.7	1/20

Photometric distributions



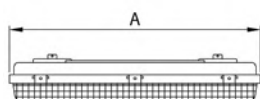
1 lamp



2 lamps



GW 80 105



UNWIRED VERSIONS



Code	No. of lamps	Lamp power	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
GW 80 101	1	18 W	G13	680x112x135	1.3	1/28
GW 80 104	2	18 W	G13	680x112x195	1.9	1/20
GW 80 105	2	36 W	G13	1290x112x195	3.4	1/20

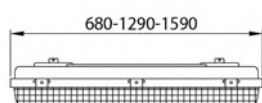
ACCESSORIES SUPPLIED: body, diffuser and accessory holding plate.

Electrical components: terminal block, G13 lamp holders for KCG or EVG version. The devices are supplied with standards service items.

EMERGENCY VERSIONS



GW 81 064



WIRED VERSIONS - PERMANENT - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

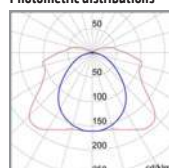


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 81 064	2	18 W	FD	G13	1 h	150	3.2	1/20
GW 81 065	2	36 W	FD	G13	1 h	240	5.2	1/20
GW 81 074	2	18 W	FD	G13	3 h	160	3.3	1/20

CHARACTERISTICS: in emergency mode, only one lamp works.

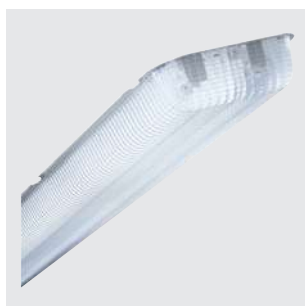
ACCESSORIES SUPPLIED: Ni-Cd accumulators.

Photometric distributions



2 lamps

COMPLEMENTARY ITEMS



GW 80 134

SPARE PARTS

Code	Description	Pack Carton
GW 80 134	Diffuser 2x18W	1/20
GW 80 135	Diffuser 2x36W	1/20

NOTE: stainless steel clips for fixing to the shell are included



LAMP INCLUDED



The ZNT luminaires house the 55 and 80W fluorescent sources that guarantee excellent light efficiency (comparable with 250W metal halides lamps). Versions complete with lamp (1, 2 and 4 x 55W) are now available.

VERSATILITY OF USE



The wide range of assembly accessories supplied has been further extended with the addition of direct fixing clips for surface and ceiling installations. These accessories facilitate direct installations; in which compliance with the IP degree of protection is always ensured.

HIGH RESISTANCE



The luminaires of the ZNT range are the most robust on the market. The materials used, and the particular thickness of the body and diffuser, guarantee a double level of impact resistance compared to that of normal tempered glass.

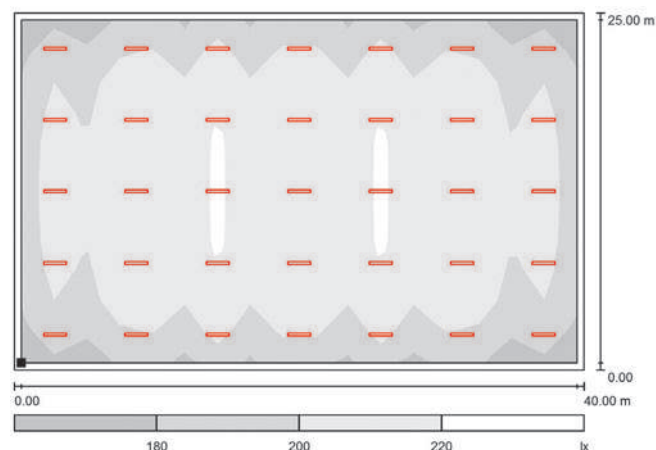
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	PC
Reflector	Sheet steel pre-painted white
Shield	PC stabilised for UV rays

IP PROTECTION	IP65
IK RESISTANCE	IK09
INSULATION CLASS	I - II (depending on the version)
MARKS	CE  RINA

Technical solutions

Project: Inventories



Reference standard	EN 12464-1:2011
Reference	5.5.4
Activity	Warehouses with shelving Area in front of warehouse shelves
Eave on work plane (Em)	200 lx
Uniformity (Uo)	0.4
Room dimension	40 x 25 x 4 m
Product Code	GW80006
Quantity	35
Eave on work plane (Em)	205
Uniformity (Uo)	0.76
Total power system	4.6 kW

Click 21

Watertight luminaires in polycarbonate

Professional watertight luminaire in polycarbonate with transparent shield. Two-lamp versions can be fitted in a single-lamp body, offering excellent performance and a compact design. Suitable for use in the industrial or commercial sector.



Technical characteristics page 167

CLICK 21



IP
65

IK
09

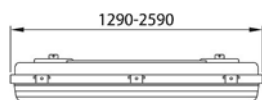


GWT
850°C

DIFFUSER REFLECTOR



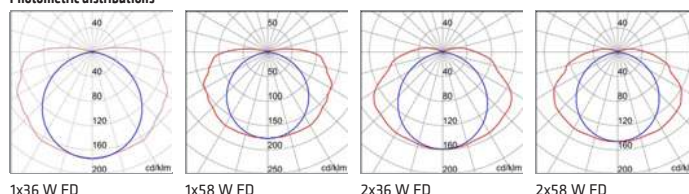
GW 80 782



WIRED VERSIONS - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 80 782	1	36 W	FD	G13	1290x112x135	2.6	1/112
GW 80 783	1	58 W	FD	G13	1590x112x135	3.1	1/112
GW 80 785	2	36 W	FD	G13	1290x112x135	2.7	1/112
GW 80 786	2	58 W	FD	G13	1590x112x135	3.2	1/112

Photometric distributions



1x36 W FD

1x58 W FD

2x36 W FD

2x58 W FD

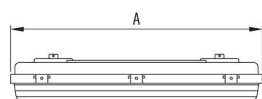
UNWIRED VERSIONS

Code	No. of lamps	Lamp power	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz						
GW 80 885	2	36 W	G13	1290x112x135	2.4	1/112

ACCESSORIES SUPPLIED: structural components: body, diffuser and accessory-holding plate; electrical components: terminal block, G13 lamp holders for EVG version. The devices are supplied with standards service items.



GW 80 885



EMERGENCY VERSIONS



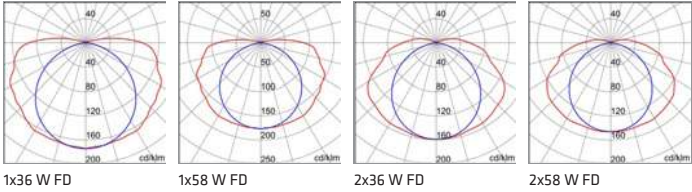
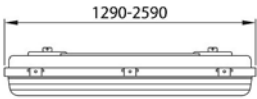
GW 80 982

WIRED VERSIONS - PERMANENT - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 80 982	1	36 W	FD	G13	3 h	280	3.6	1/56
GW 80 983	1	58 W	FD	G13	3 h	370	4.1	1/56
GW 80 985	2	36 W	FD	G13	3 h	240	3.7	1/28
GW 80 986	2	58 W	FD	G13	3 h	280	4.2	1/28

NOTE: in emergency mode, only one lamp works.

Photometric distributions



Click 21

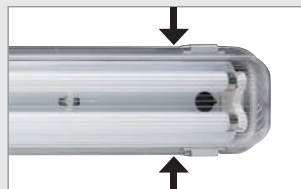


VERSIONS FOR T8 AND T5 LAMPS



The CLICK 21 luminaires is designed for the conventional fluorescent T8 tubes.

REDUCED OVERALL DIMENSIONS



The CLICK 21 industrial luminaires house the twin lamp versions in the body of the single lamp, still managing to provide high performance levels even with reduced overall dimensions.

IMMEDIATE ACCESS



To ensure immediate access the ceiling, the units are equipped with reinforced plastic clips releasable without the use of tools.

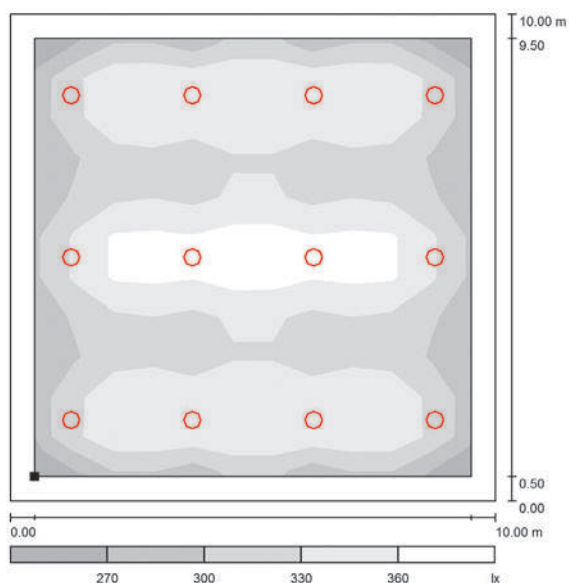
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	PC
Reflector	Sheet steel pre-painted white
Shield	PC stabilised for UV rays

IP PROTECTION	IP65
IK RESISTANCE	IK09
INSULATION CLASS	I
MARKS	CE  

Technical solutions

Project: Chemical industry



Reference standard	EN 12464-1:2011
Reference	5.10.2
Activity	Chemical industry Processing plant with limited manual intervention
Eave on work plane (Em)	150 lx
Uniformity (Uo)	0.4
Room dimension	40 x 25 x 2.5 m
Product Code	GW80783
Quantity	45
Eave on work plane (Em)	152
Uniformity (Uo)	0.63
Total power system	2.2 kW

Hercules

High bays for indoors

Ideal for indoor lighting in the industrial and commercial sectors, this suspended watertight high bay in moulded, painted steel increases the degree of protection of the optical compartment up to IP44.



Technical characteristics page 169

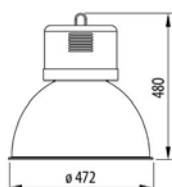
HERCULES - SMOOTH OPTICS



OPEN OPTIC



GW 84 105 M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I

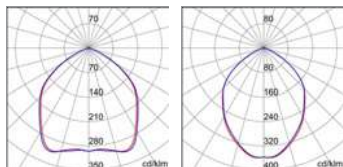
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 105 M	250 W	ME*	E40	2.2 A	Graphite grey	6.5	1
GW 84 107 M	400 W	ME*	E40	3.4 A	Graphite grey	7.2	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Assembling the special kit (GW84982), it is possible to make the optical compartment IP44.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed

Photometric distributions



250 W ME*

400 W ME*

COMPLEMENTARY ITEMS



GW 84 982

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 982	IP44 kit with glass		2.6	1/5
GW 84 820	Tempered glass	Ø 470 x h 4	2.1	1

CHARACTERISTICS: GW84814 clip fixing on the device.

NOTES: GW84814 protective wire guard to be used in versions with open optics, or optics closed with glass.

KIT GW84982 consisting of tempered glass, gasket, closing ring and lampholder protection plate.

Hercules



VERSATILITY



Thanks to the special kits in glass, polycarbonate or plexiglass, it is possible to increase the safety of the optical compartment to obtain a IP44 degree of protection.

PHOTOMETRICAL PERFORMANCE



The prismatic surface of the transparent high bay has been designed to obtain optimal optical control of the light flux emitted by the lamp.

SIMPLIFIED MAINTENANCE



The retaining wires on the product make all maintenance operations on the wiring compartment quicker and safer.

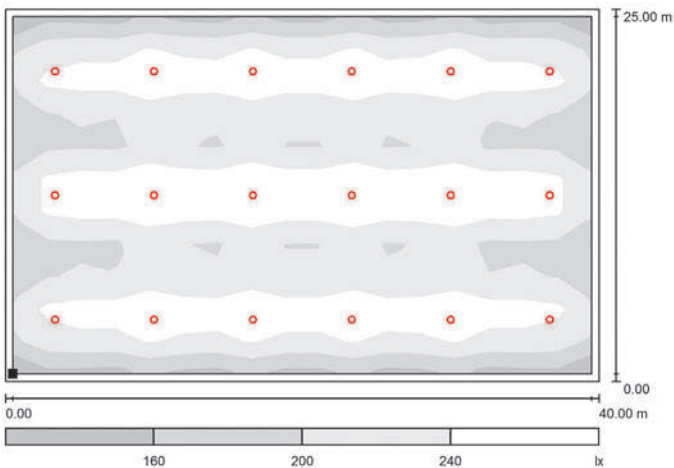
Technical characteristics

INSTALLATION	Internal
COLOUR	Graphite grey or grey RAL7035
MATERIALS	
Body	Painted steel
Reflector	Polished aluminium 99.85% or PMMA
Shield	Glass or bowl available as complementary items

IP PROTECTION	IP20
IK RESISTANCE	IK07 / IK10 (depending on the version)
INSULATION CLASS	I
MARKS	CE  

Technical solutions

Project: cement-working industry



Reference standard	EN 12464-1:2011
Reference	5.8.2
Activity	Cement Material preparation
Eave on work plane (Em)	200 lx
Uniformity (Uo)	0.4
Room dimension	40 x 25 x 5 m
Product Code	GW84104M
Quantity	18
Eave on work plane (Em)	225
Uniformity (Uo)	0.65
Total power system	4.9 kW

Astrid 75



LED FLUSH-MOUNTING DECORATIVE DOWNLIGHTS



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Astrid Round



LED FLUSH-MOUNTING ROUND
DOWNLIGHTS

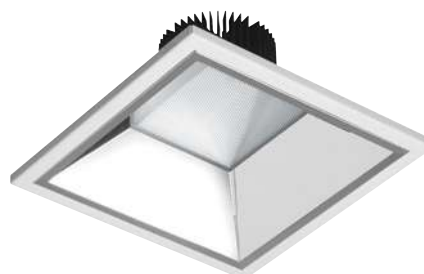


page 174

Astrid Square



LED FLUSH-MOUNTING ROUND
DOWNLIGHTS



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Astrid Full Panel LED 60x60

LED MODULAR FLUSH/CEILING-MOUNTING
DOWNLIGHTS



page 180

Astrid Full Panel LED 30x120

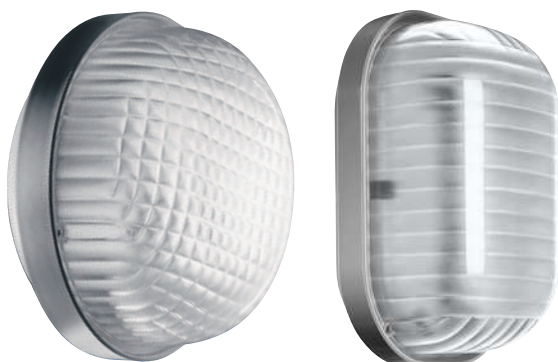
LED MODULAR FLUSH/CEILING-MOUNTING
DOWNLIGHTS



page 183

Bolla/ Guscio

WATERTIGHT COMPACT CEILING
MOUNTING LUMINAIRES



page 186

Tonda ES

PROTECTED CEILING MOUNTING
LUMINAIRES



page 189

LED

Technical characteristics page 173

	IP 20	IK 06	
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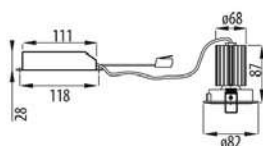
CONSTANT CURRENT DRIVER



Code	No. of lamps	System power	Colour temperature	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 52 801	1	11.5 W	3000 K	1400	1100	White	0.5	1
GW 52 802	1	11.5 W	3000 K	1400	1100	Aluminium	0.5	1
GW 52 803	1	11.5 W	3000 K	1400	1100	Gold	0.5	1
GW 52 804	1	11.5 W	3000 K	1400	1100	Bronze	0.5	1

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

11,5 W



Astrid 75



QUICK WIRING



The spring system allows perfect assembly on 5-20mm thick panels. The assembly and lamp replacement are much easier compared with the dichroic versions.

ADJUSTABLE RING



The adjustable ring allows you to direct the light beam and optimise the distribution of the light over the area concerned.

NEW LED VERSIONS



The ASTRID 75 range enlarges with new versions of 1100lm LED 11,5W with 3000K color temperature including the power supply for driving LED at 350mA.

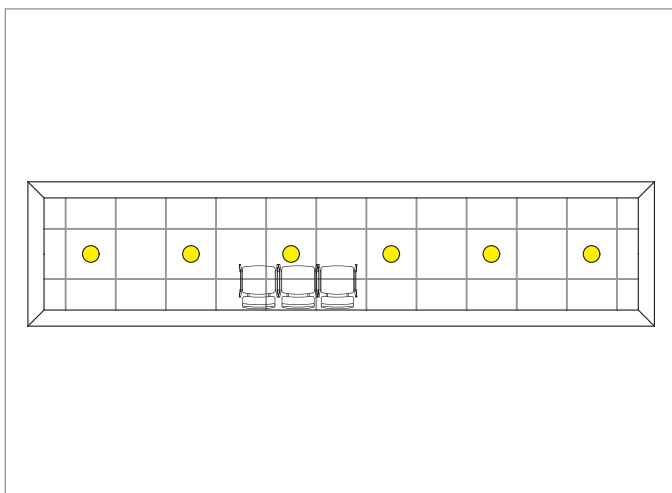
Technical characteristics

INSTALLATION	Internal - false ceilings
COLOUR	White or Aluminium or Gold or Bronze
MATERIALS	
Body	Aluminium
Reflector	Metallised PC
Shield	PC

IP PROTECTION	IP20
IK RESISTANCE	IK06
INSULATION CLASS	II
MARKS	CE

Technical solutions

Project: hall/corridor



Product	Astrid 75 LED
Characteristics	11.5 W - 3000 K
Beam	Wide
Code	GW S2 801
Environment	1.5 x 8.0 x 2.3
Mounting height	2.3 m
Luminaires number	6
Eave on ground	250 lux
Glare ratio UGR	< 19
Interdistance	1.3
Uniformity (Emin/Av)	0.70

Astrid Round

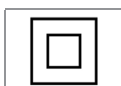
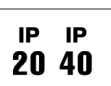
LED flush-mounting round downlights

Astrid Round is a flush-mounting LED device. Designed for indoor commercial contexts, especially offices, hotels and accommodation facilities.



Technical characteristics page 176

ASTRID ROUND



ROUND DOWNLIGHT - DIAMETER 200MM



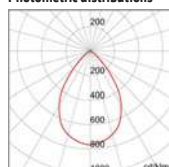
GW S2 201

WIRED VERSIONS WITH LED SOURCES - IP20 (IP40 FOR THE OPTICAL COMPARTMENT) - CLASS II

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 201	19 W	3000 K (CRI 80)	1900	White	1.1	1
GW S2 206	19 W	4000 K (CRI 80)	2000	White	1.1	1

NOTE: for false ceilings 1-40 mm thick.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



20 W

ROUND DOWNLIGHT - DIAMETER 250MM



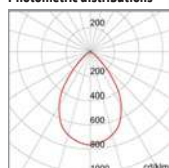
GW S2 207

WIRED VERSIONS WITH LED SOURCES - IP20 (IP40 FOR THE OPTICAL COMPARTMENT) - CLASS II

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 207	33 W	4000 K (CRI 80)	3500	White	1.3	1

NOTE: for false ceilings 1-40 mm thick.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



33 W

COMPLEMENTARY ITEMS



GW 90 872 A

KNX/DALI 64/16 IP GATEWAY - DIN RAIL MOUNTING

Code	Power supply	Max no. DALI units	Max no. DALI devices	No. DIN modules	Pack Carton
GW 90 872 A	110-240V ac - 50/60Hz, 100mA	16	64	4	1/4

CHARACTERISTICS: interface that - via KNX BUS - can control up to 64 lamps managed with the DALI protocol. The device is equipped with a RJ45 LAN port for configuration and/or access via IP and supplies power to the DALI line. Category 1 device (in accordance with EN 62386-103).

NOTES: equipped with coupling terminal for connection to BUS.

Astrid Round



LIGHT DESIGN



Astrid Round combines design and performance: simple shapes in two different sizes for top quality, efficient lighting.

LIGHT FOR EVERY CONTEXT



Astrid Round is ideal for every commercial sector context - shops, corridors, reception areas, halls, showrooms, shopping centres and public areas.

LED TECHNOLOGY



The use of LED devices offers advantages both for the companies and for the environment, guaranteeing considerable energy savings, reduced maintenance and a focus on sustainability.

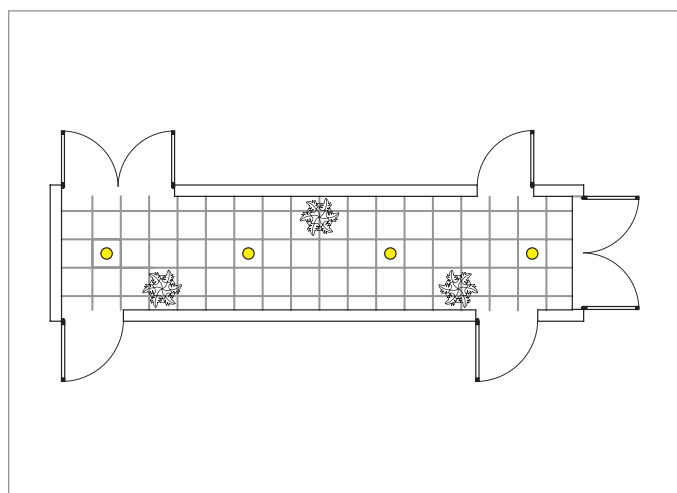
Technical characteristics

INSTALLATION	Internal - false ceilings
COLOUR	White
MATERIALS	
Body	Steel
Heat sink	Aluminium extrusion
Reflector	Polished aluminium
Shield	Prismatic plastic

IP PROTECTION	IP20 / IP40
IK RESISTANCE	IK06
INSULATION CLASS	II
MARKS	CE

Technical solutions

Project: Hall/corridor



Product	Astrid Round
Characteristics	20 W - 4000 K
Beam	Wide
Code	GW S2 206
Environment	9 x 2 m
Mounting height	3 m
Luminaires number	4
Eave on ground	200 lux
Glare ratio UGR	< 19
Interdistance	2.5 x 1.0
Uniformity (Emin/Av)	0.60

Astrid Square

LED flush-mounting square downlights

This flush-mounting LED device is distinguished by its sharp square shape, and is designed for indoor commercial contexts, especially offices, hotels and accommodation facilities.

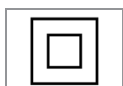


Technical characteristics page 179

ASTRID SQUARE



IP
20 IP
40

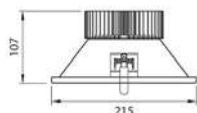


IK
02

SQUARE DOWNLIGHT - 200 X 200MM



GW S2 231



WIRED VERSIONS WITH LED SOURCES - IP20 (IP40 FOR THE OPTICAL COMPARTMENT) - CLASS II

CONSTANT
CURRENT
DRIVER

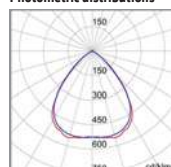


Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 231	19 W	3000 K (CRI 80)	2000	White	1.3	1
GW S2 236	19 W	4000 K (CRI 80)	2100	White	1.3	1

NOTES: for false ceilings 1-30 mm thick.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions

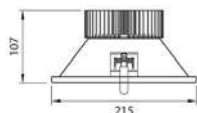


20 W

SQUARE DOWNLIGHT - 250 X 250MM

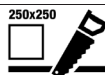


GW S2 232



WIRED VERSIONS WITH LED SOURCE - IP20 (IP40 FOR THE OPTICAL COMPARTMENT) - CLASS II

CONSTANT
CURRENT
DRIVER

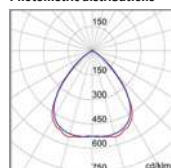


Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 232	29 W	3000 K (CRI 80)	3100	White	1.6	1
GW S2 237	29 W	4000 K (CRI 80)	3250	White	1.6	1

NOTES: for false ceilings 1-30 mm thick.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

Photometric distributions



30 W

COMPLEMENTARY ITEMS



GW 90 872 A

KNX/DALI 64/16 IP GATEWAY - DIN RAIL MOUNTING

Code	Power supply	Max no. DALI units	Max no. DALI devices	No. DIN modules	Pack Carton
GW 90 872 A	110-240V ac - 50/60Hz, 100mA	16	64	4	1/4

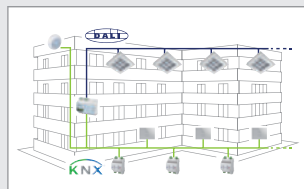
CHARACTERISTICS: interface that - via KNX BUS - can control up to 64 lamps managed with the DALI protocol. The device is equipped with a RJ45 LAN port for configuration and/or access via IP and supplies power to the DALI line. Category 1 device (in accordance with EN 62386-103).

NOTES: equipped with coupling terminal for connection to BUS.

Astrid Square



INTEGRATION WITH BUILDING AUTOMATION



The DALI/KNX gateway enables the integration of lighting system management with building automation management. Just one interlocutor for the management and automation of the whole building.

QUICK INSTALLATION



Certain technical features (fixing clips) ensure very fast, simple and stable product installation.

EXTENDABLE WARRANTY



By registering the products of the Astrid LED range on the website www.gewiss.com and accepting specific conditions, you can extend the warranty for up to 5 years (3 years, plus the extra 2 envisaged by law).

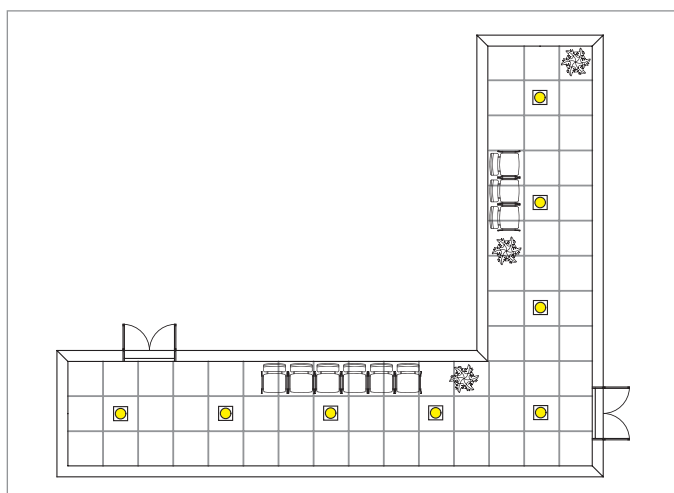
Technical characteristics

INSTALLATION	Internal - false ceilings
COLOUR	White
MATERIALS	
Body	Steel
Heat sink	Aluminium extrusion
Reflector	Polished aluminium
Shield	Prismatic plastic

IP PROTECTION	IP20 /IP40
IK RESISTANCE	IK06
INSULATION CLASS	II
MARKS	CE

Technical solutions

Project: "L" shaped corridor



Product	Astrid Square
Characteristics	20 W - 3000 K
Beam	Wide
Code	GW S2 231
Environment	32 m ²
Mounting height	3 m
Luminaires number	8
Eave on ground	205 Lux
Glare ratio UGR	< 19
Interdistance	2.0 x 1.0
Uniformity (E_{min}/A_v)	0.75

Astrid Full Panel LED 60x60

LED modular flush-mounting elements

The Astrid Full Panel LED 60x60 family consists of new modular flush-mounting devices designed for indoor lighting applications, in offices and commercial sector premises. With ultra-compact dimensions and a microprismatic plexiglass diffuser, these devices represent the ideal solution for installations in working environments which require high visual comfort. The family of products is further enhanced by a range of accessories, which enable ceiling-mounting and suspended installation.

LED



Technical characteristics page 182

ASTRID FULL PANEL LED 60X60



RECESSED 60X60 - MICROPRISMATIC DIFFUSER PMMA



GW S2 901 S

COMPACT LED PANELS - IP20/40 - CLASS II

**CONSTANT
CURRENT
DRIVER**

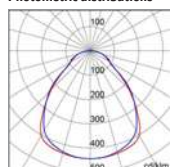


**5 YEARS
WARRANTY**

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 901 S	26 W	3000 K (CRI 80)	2650	White	3.1	1
GW S2 906 S	26 W	4000 K (CRI 80)	2790	White	3.1	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 901 D	26 W	3000 K (CRI 80)	2650	White	3.1	1
GW S2 906 D	26 W	4000 K (CRI 80)	2790	White	3.1	1
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 902 S	36 W	3000 K (CRI 80)	3760	White	3.1	1
GW S2 907 S	36 W	4000 K (CRI 80)	3960	White	3.1	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 902 D	36 W	3000 K (CRI 80)	3760	White	3.1	1
GW S2 907 D	36 W	4000 K (CRI 80)	3960	White	3.1	1

NOTE: Emergency kit 3 hours, available on request.

Photometric distributions



GW S2 992

EMERGENCY KIT

Code	Description	Autonomy	Pack Carton
GW S2 992	Emergency kit with 3h autonomy for Astrid full panel LED	3 h	1

NOTES: NiCd accumulators, 3h autonomy with 24h charging time.

ACCESSORIES SUPPLIED: input and output cables, charging indicator LED. Test button.



GW S2 993

ACCESSORIES

Code	Description	Dimensions (mm)	Pack Carton
GW S2 993	KIT 4 clips for recessed in false ceiling installation		1
GW S2 994	Surface mounting box 60x60	598x50	1
GW S2 995	Surface mounting kit 4C		1
GW S2 996	Suspension 4 cables kit		1

Astrid Full Panel LED 60x60

ULTRA-COMPACT DESIGN



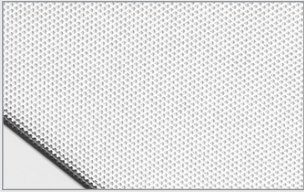
Elegant range of LED panels featuring extremely compact dimensions, easy installation

IDEAL FOR REPLACING DEVICES WHICH USE TRADITIONAL TECHNOLOGY



The lighting performance offered by these devices means they can be used to replace traditional 4x18W flush-mounting devices

MICROPRISMATIC PLEXIGLASS SCREEN



Microprismatic screen for increased control of glare

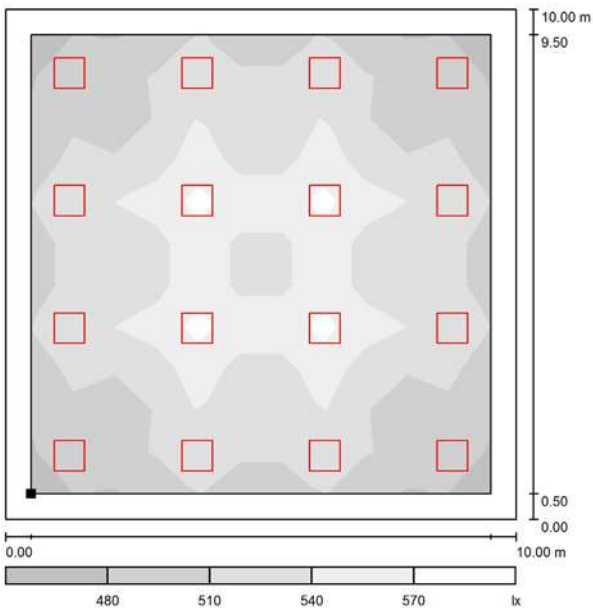
Technical characteristics

INSTALLATION	Indoor – false ceiling or ceiling-mounting
COLOUR	White
MATERIALS	
Body	Steel
Reflector	Plexiglass
Diffuser	Prismatic plexiglass

IP PROTECTION	IP20 /IP40
IK RESISTANCE	IK03
INSULATION CLASS	II
MARKS	CE
UGR<19	

Installation solutions

Project: Open space office applications



Product	Astrid Full Panel LED 60x60
Characteristics	36W - 4000K
Code	GWS2907S
Environment	10x10m
Installation height	2.80 m
No. of devices	16
Average illumination at ground level	445
Average illumination in the work area	522
Uniformity	0.88

Astrid Full Panel LED 30x120

LED

LED modular flush-mounting elements

The Astrid Full Panel LED 30x120 family consists of new modular flush-mounting devices designed for indoor lighting applications, in offices and commercial sector premises. With ultra-compact dimensions and a microprismatic plexiglass screen, these devices represent the ideal solution for installations in working environments which require high visual comfort. The family of products is further enhanced by a range of accessories, which enable ceiling-mounting and suspended installation.



Technical characteristics page 185

ASTRID FULL PANEL LED 30X120



IP
40



IK
03

RECESSED 30X120 - MICROPRISMATIC DIFFUSER PMMA



GW S2 921 S

COMPACT LED PANELS - IP20/40 - CLASS II

**CONSTANT
CURRENT
DRIVER**

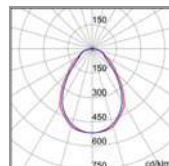


**5 YEARS
WARRANTY**

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 921 S	40 W	3000 K (CRI 80)	3450	White	3.4	1
GW S2 922 S	40 W	4000 K (CRI 80)	3630	White	3.4	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 921 D	40 W	3000 K (CRI 80)	3450	White	3.4	1
GW S2 922 D	40 W	4000 K (CRI 80)	3630	White	3.4	1

NOTE: Emergency kit 3 hours, available on request.

Photometric distributions



GW S2 992

EMERGENCY KIT

Code	Description	Autonomy	Pack Carton
GW S2 992	Emergency kit with 3h autonomy for Astrid full panel LED	3 h	1

NOTES: NiCd accumulators, 3h autonomy with 24h charging time.

ACCESSORIES SUPPLIED: input and output cables, charging indicator LED. Test button.

Astrid Full Panel LED 30x120



GW S2 993

ACCESSORIES

Code	Description	Dimensions (mm)	Pack Carton
GW S2 993	KIT 4 clips for recessed in false ceiling installation		1
GW S2 998	Surface mounting box 30x120	1198x50	1
GW S2 995	Surface mounting kit 4C		1
GW S2 996	Suspension 4 cables kit		1

Astrid Full Panel LED 30x120

ENERGY SAVINGS



The use of latest-generation LED light sources provides a high system and enables the replacement of traditional fluorescent devices with power up to 2x36W.

ELEGANT DESIGN



Ultra-slim panel with an elegant design, ideal for prestigious spaces and meeting rooms.

EXTREME MANAGEABILITY



Thanks to its compact design and low weight, installation is extremely easy.

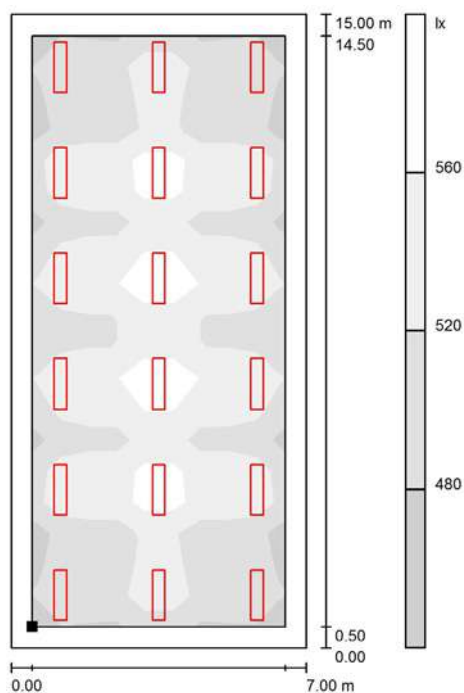
Technical characteristics

INSTALLATION	Indoor - false ceiling
COLOUR	White
MATERIALS	
Body	Steel
Reflector	Plexiglass
Diffuser	Prismatic plexiglass

IP PROTECTION	IP20 /IP40
IK RESISTANCE	IK03
INSULATION CLASS	II
MARKS	CE

Installation solutions

Project: Open space office applications



Product	Astrid Full Panel LED 30x120
Characteristics	40 W - 4000 K
Code	GWS29225S
Environment	15x7m
Installation height	2.80 m
No. of devices	18
Average illumination at ground level	449
Average illumination in the work area	522
Uniformity	0.85

Bolla/Guscio

Watertight compact ceiling mounting luminaires

Protected, compact, watertight ceiling-mounting luminaires made entirely of polycarbonate. Suitable for both indoor and outdoor installation. Characterised by their high level of mechanical impact resistance and electrical safety.



Technical characteristics page 190

BOLLA



IP
55

IK
10

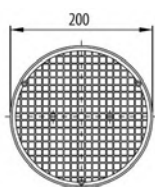


GWT
850°C

BOLLA 200



GW 80 761

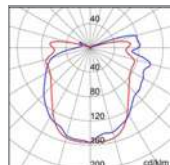


VERSIONS WITH EDISON LAMP HOLDER - IP55 - CLASS II

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 761	60 W	E27	Graphite grey	0.4	1/10
GW 80 616	60 W	E27	Grey RAL 7035	0.4	1/10

NOTES: Max lamp length 110mm.

Photometric distributions

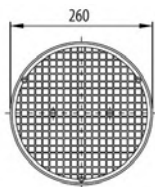


60 W

BOLLA 260



GW 80 763

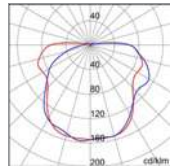


VERSIONS WITH EDISON LAMP-HOLDERS - IP55 - CLASS II

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 763	100 W	E27	Graphite grey	0.7	1/4
GW 80 622	100 W	E27	Grey RAL 7035	0.7	1/4

NOTES: Max lamp length 160mm.

Photometric distributions



100 W

GUSCIO



IP
55

IK
10

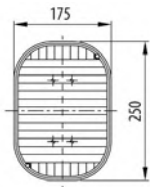


GWT
850°C

GUSCIO 250



GW 80 771

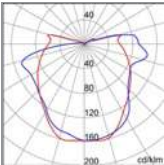


VERSIONS WITH LAMP-HOLDERS EDISON - IP55 - CLASS II

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 771	60 W	E27	Graphite grey	0.5	1/10
GW 80 601	60 W	E27	Grey RAL 7035	0.5	1/10

NOTES: Max lamp length 160mm.

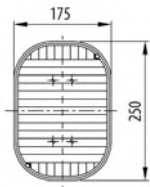
Photometric distributions



60 W



GW 80 646

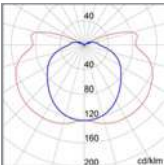


WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz							
GW 80 646	1	13 W	FSQ	G24q-1	Grey RAL 7035	0.7	1/10

Photometric distributions

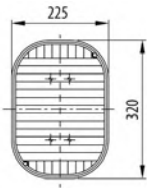


13 W FSQ

GUSCIO 320



GW 80 610

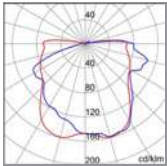


VERSIONS WITH LAMP-HOLDERS EDISON - IP55 - CLASS II

Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 610	100 W	IA/IB / FBT	E27	Grey RAL 7035	0.9	1/6

NOTES: Max lamp length 210mm.

Photometric distributions



100 W IA

Tonda ES

Protected ceiling mounting luminaires

Protected, compact, watertight ceiling-mounting luminaires made entirely of polycarbonate. Suitable for both indoor and outdoor installation. Characterised by their high level of mechanical impact resistance and electrical safety.

LED



Technical characteristics page 190

TONDA ES



IP
44

IK
10



GWT
850°C

TONDA ES 180



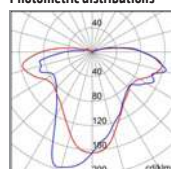
GW 80 651

VERSIONS WITH EDISON LAMP HOLDERS - IP44 - CLASS II

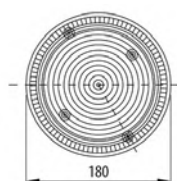
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 651	60 W	E27	Grey RAL 7035	0.3	1/24

NOTES: Max lamp length 100mm.

Photometric distributions



60 W



TONDA ES 230



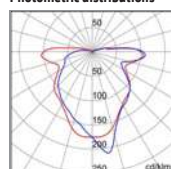
GW 80 652

VERSIONS WITH EDISON LAMP-HOLDERS - IP44 - CLASS II

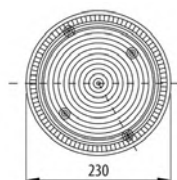
Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 652	100 W	E27	Grey RAL 7035	0.4	1/14

NOTES: Max lamp length 130mm.

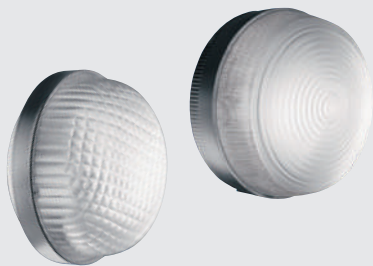
Photometric distributions



100 W



Bolla/Guscio - Tonda ES



ENERGY SAVINGS



The luminaires with light sensitive sensor (with variable threshold, from 5 to 120 lx) are designed to prevent any waste of energy, guaranteeing the light only comes on during the night.

LED VERSIONS



The BOLLA luminaire is now available also in LED versions in the Stand Alone configuration or with a presence sensor.

INSTALLATION FLEXIBILITY



Every model of the TONDA ES range offers a double possibility of power supply input, in the lower or side part of the luminaire.

BOLLA/GUSCIO

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Graphite grey or grey RAL7035
MATERIALS	
Body	PC
Reflector	PC
Shield	PC

IP PROTECTION	IP55
IK RESISTANCE	IK10
INSULATION CLASS	II
MARKS	CE

TONDA ES

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL7035
MATERIALS	
Body	PC
Shield	PC

IP PROTECTION	IP44
IK RESISTANCE	IK10
INSULATION CLASS	II
MARKS	CE

On request

STREET [03]

LED - OPTIC ST1 - FOR PHOTOVOLTAIC SYSTEMS



GW 87 571

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66

LED MODULES POWERED AT 530 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 24 V dc - Stand alone								
GW 87 571	2 (2x16 LED)	4000 K (CRI 70)	50 W	6750	5660	Graphite/Aluminium	9.1	1

NOTE: the data refer to 530 mA.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - OPTIC ST2



GW 57 630

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66

LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 57 630	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	3160	Graphite/Aluminium	8.5	1

NOTES: The data refer to 550 mA.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

LED - OPTIC ST3



GW 87 454

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66

LED MODULES POWERED AT 700 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 454	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	14350	Graphite/Aluminium	10.9	1

NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.



GW S7 683

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 681	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	6160	Graphite/Aluminium	9.1	1
GW S7 683	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11760	Graphite/Aluminium	10.3	1
GW S7 684	5 (5x16 LED)	4000 K (CRI 70)	129 W	16530	14500	Graphite/Aluminium	10.9	1

NOTES: The data refer to 550 mA.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 030

STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 030	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	2840	Graphite/Aluminium	8.5	1
GW S7 031	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite/Aluminium	9.1	1
GW S7 032	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite/Aluminium	9.7	1

NOTES: the data refer to 550 mA.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

AVENUE 2

CUT-OFF OPTIC - ADJUSTABLE INCLINATION



GW 87 107

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 - CLASS II

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 87 107	250 W	ME-MT/SE-ST	E40	3 A	Graphite/Aluminium	16.5	1
GW 87 109	400 W	MT/ST	E40	4.2 A	Graphite/Aluminium	18.1	1



GW 87 142

DIE-CAST ALUMINIUM STREET LIGHTING - UNWIRED VERSION - FLAT GLASS - IP66

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 87 142	400 W	E40	Graphite/Aluminium	13.8	1

ACCESSORIES SUPPLIED: structural components: body, reflector and empty box accessory; electrical components: lamp holder, terminal block. The devices are supplied with standards service items.

On request

COMPLEMENTARY ITEMS



GW 87 227

SPARE BOX ACCESSORY

Code	Lamp power	Lamp	Lamp holder	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz					
GW 87 227	250 W	ME-MT/SE-ST	E40	4.3	1
GW 87 229	400 W	MT/ST	E40	4.6	1



GW 87 232

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 87 230	Flat tempered glass	1	1
GW 87 232	Visor	0.4	1/5

AVENUE 3

CUT-OFF OPTIC - ADJUSTABLE INCLINATION



GW 87 303

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 - CLASS II

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 87 303	50 W	ST	E27	0.8 A	Graphite/Aluminium	11	1
GW 87 304	70 W	MT/ST	E27	1 A	Graphite/Aluminium	11.5	1
GW 87 305	100 W	MT/ST	E40	1.2 A	Graphite/Aluminium	13	1
GW 87 306	150 W	MT/ST	E40	1.8 A	Graphite/Aluminium	13.5	1



GW 87 310

STREET LIGHTING IN DIE-CAST ALUMINIUM - WIRED VERSIONS - FLAT GLASS - IP66 CLASS II - ELECTRONIC BALLAST

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 87 308	45 W	MT	PGZ-12	0.5 A	Graphite/Aluminium	10.9	1
GW 87 309	60 W	MT	PGZ-12	0.65 A	Graphite/Aluminium	10.9	1
GW 87 310	90 W	MT	PGZ-12	0.97 A	Graphite/Aluminium	11	1
GW 87 311	140 W	MT	PGZ-12	1.49 A	Graphite/Aluminium	11	1



GW 87 307

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSION WITH P.F. CORRECTION - FLAT GLASS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 87 307	250 W	MT/ST	E40	3 A	Graphite/Aluminium	14.7	1



GW 87 341

DIE-CAST ALUMINIUM STREET LIGHTING - UNWIRED VERSIONS - FLAT GLASS - IP66

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 87 341	70 W	E27	Graphite/Aluminium	9.3	1
GW 87 342	150 W	E40	Graphite/Aluminium	9.3	1
GW 87 343	140 W	PGZ-12	Graphite/Aluminium	9.3	1

ACCESSORIES SUPPLIED: structural components: body, reflector and empty box accessory; electrical components: lamp holder, terminal block. The devices are supplied with standards service items.

CUT-OFF OPTIC - ADJUSTABLE INCLINATION - BI-POWER


GW 87 322

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 - CLASS II

Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz								
GW 87 322	70 W	50 W	ST	E27	1 A	Graphite/Aluminium	11.5	1
GW 87 323	100 W	70 W	ST	E40	1.2 A	Graphite/Aluminium	13	1
GW 87 324	150 W	100 W	ST	E40	1.8 A	Graphite/Aluminium	13.5	1

COMPLEMENTARY ITEMS


GW 87 243

SPARE BOX ACCESSORY

Code	Lamp power	Lamp	Lamp holder	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz					
GW 87 243	50 W	ST	E27	2.1	1
GW 87 244	70 W	MT/ST	E27	2.2	1
GW 87 245	100 W	MT/ST	E40	2.3	1
GW 87 246	150 W	MT/ST	E40	3	1

On request



GW 87 253

SPARE BOX ACCESSORY - BI-POWER

Code	Lamp power	Reduced power	Lamp	Lamp holder	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz						
GW 87 253	70 W	50 W	ST	E27	3	1
GW 87 254	100 W	70 W	ST	E40	3.1	1
GW 87 255	150 W	100 W	ST	E40	3.8	1



GW 87 251

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 87 249	Flat tempered glass	0.8	1/5
GW 87 251	Visor	0.3	1/5

SMART[4] 2.0 FL -2L - EQUIVALENT TO 35W MT

STANDARD VERSIONS



GW S4 103 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 101 GS	Spotlight 10°	4000 K (CRI 80)	25 W	2960	2130	Grey RAL 7037	1.8	1
GW S4 102 GS	Restricted 30°	4000 K (CRI 80)	25 W	2960	2060	Grey RAL 7037	1.8	1
GW S4 103 GS	Medium 60°	4000 K (CRI 80)	25 W	2960	2730	Grey RAL 7037	1.8	1
GW S4 104 GS	Diffused 100°	4000 K (CRI 80)	25 W	2960	2600	Grey RAL 7037	1.8	1
GW S4 105 GS	Elliptical	4000 K (CRI 80)	25 W	2960	2640	Grey RAL 7037	1.8	1
GW S4 106 GS	Asymmetrical	4000 K (CRI 80)	25 W	2960	2540	Grey RAL 7037	1.8	1
GW S4 101 BS	Spotlight 10°	3000 K (CRI 80)	25 W	2750	1980	BlueGreen	1.8	1
GW S4 103 BS	Medium 60°	3000 K (CRI 80)	25 W	2750	2540	BlueGreen	1.8	1
GW S4 104 BS	Diffused 100°	3000 K (CRI 80)	25 W	2750	2420	BlueGreen	1.8	1
GW S4 105 BS	Elliptical	3000 K (CRI 80)	25 W	2750	2450	BlueGreen	1.8	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

SMART[4] 2.0 FL -2+2L - EQUIVALENT TO 70W MT

STANDARD VERSIONS



GW S4 112 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 111 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	3	1
GW S4 112 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	3	1
GW S4 113 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	3	1
GW S4 114 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	3	1
GW S4 115 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	3	1
GW S4 116 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	3	1
GW S4 111 BS	Spotlight 10°	3000 K (CRI 80)	50 W	5500	3950	BlueGreen	3	1
GW S4 113 BS	Medium 60°	3000 K (CRI 80)	50 W	5500	5070	BlueGreen	3	1
GW S4 114 BS	Diffused 100°	3000 K (CRI 80)	50 W	5500	4840	BlueGreen	3	1
GW S4 115 BS	Elliptical	3000 K (CRI 80)	50 W	5500	4910	BlueGreen	3	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

SMART[4] 2.0 FL - 5+5L - EQUIVALENT TO 250W MT

STANDARD VERSIONS



GW S4 153 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 151 GS	Spotlight 10°	4000 K (CRI 80)	118 W	14280	10630	Grey RAL 7037	6	1
GW S4 152 GS	Restricted 30°	4000 K (CRI 80)	118 W	14280	10300	Grey RAL 7037	6	1
GW S4 153 GS	Medium 60°	4000 K (CRI 80)	118 W	14280	13650	Grey RAL 7037	6	1
GW S4 154 GS	Diffused 100°	4000 K (CRI 80)	118 W	14280	13020	Grey RAL 7037	6	1
GW S4 155 GS	Elliptical	4000 K (CRI 80)	118 W	14280	13200	Grey RAL 7037	6	1
GW S4 156 GS	Asymmetrical	4000 K (CRI 80)	118 W	14280	12690	Grey RAL 7037	6	1
GW S4 151 BS	Spotlight 10°	3000 K (CRI 80)	118 W	13270	9880	BlueGreen	6	1
GW S4 153 BS	Medium 60°	3000 K (CRI 80)	118 W	13270	12680	BlueGreen	6	1
GW S4 154 BS	Diffused 100°	3000 K (CRI 80)	118 W	13270	12100	BlueGreen	6	1
GW S4 155 BS	Elliptical	3000 K (CRI 80)	118 W	13270	12270	BlueGreen	6	1

Voltage: 220/240 V - 50/60 Hz - DALI

GW S4 154 GD	Diffused 100°	4000 K (CRI 80)	121 W	14280	13020	Grey RAL 7037	6	1
GW S4 156 GD	Asymmetrical	4000 K (CRI 80)	121 W	14280	12690	Grey RAL 7037	6	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

RGBW VERSIONS



GW S4 153 GC

WIRED VERSION - IP66 - CLASS I

Code	Optic	System power	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - DMX					
GW S4 153 GC	Medium 60°	165 W	Grey RAL 7037	6	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector. 6 DMX channels: Red; Green; Blue; White; Strobo and Rainbow.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

On request



GW L1 908

DONGLE FOR ASSIGNMENT OF DMX ADDRESSES

Code	Power supply batteries	Display	Weight (kg)	Pack Carton
GW L1 908	Two AAA 1.5 V batteries	LED	0.3	1

NOTE: to be used for addressing and supervising the RGBW equipment.



GW 85 691

RGB CONTROL MODULE

Code	No. of manageable devices/units	No. Chorus modules	DMX Channels	Display	Weight (kg)	Pack Carton
Voltage: 12 V - 50/60 Hz						
GW 85 691	10	3	64	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame GW16803. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed.
For the KNX-DMX interface, refer to the Domotics catalogue.

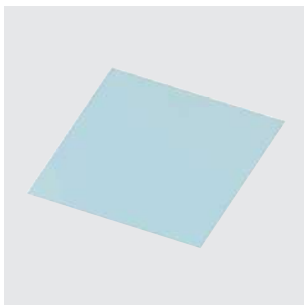


GW 85 692

COMPLEMENTARY ITEMS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Pack Carton
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 FL - 5L - EQUIVALENT TO 100W MT

STANDARD VERSIONS



GW S4 133 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 131 GS	Spotlight 10°	4000 K (CRI 80)	60 W	7120	5320	Grey RAL 7037	3.2	1
GW S4 132 GS	Restricted 30°	4000 K (CRI 80)	60 W	7120	5150	Grey RAL 7037	3.2	1
GW S4 133 GS	Medium 60°	4000 K (CRI 80)	60 W	7120	6820	Grey RAL 7037	3.2	1
GW S4 134 GS	Diffused 100°	4000 K (CRI 80)	60 W	7120	6510	Grey RAL 7037	3.2	1
GW S4 135 GS	Elliptical	4000 K (CRI 80)	60 W	7120	6600	Grey RAL 7037	3.2	1
GW S4 136 GS	Asymmetrical	4000 K (CRI 80)	60 W	7120	6350	Grey RAL 7037	3.2	1
GW S4 131 BS	Spotlight 10°	3000 K (CRI 80)	60 W	6610	4940	BlueGreen	3.2	1
GW S4 133 BS	Medium 60°	3000 K (CRI 80)	60 W	6610	6340	BlueGreen	3.2	1
GW S4 134 BS	Diffused 100°	3000 K (CRI 80)	60 W	6610	6050	BlueGreen	3.2	1
GW S4 135 BS	Elliptical	3000 K (CRI 80)	60 W	6610	6130	BlueGreen	3.2	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

RGBW VERSIONS



GW S4 133 GC

WIRED VERSION - IP66 - CLASS I

Code	Optic	System power	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - DMX					
GW S4 133 GC	Medium 60°	82 W	Grey RAL 7037	3.2	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector. 6 DMX channels: Red; Green; Blue; White; Strobo and Rainbow.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

DONGLE FOR ASSIGNMENT OF DMX ADDRESSES

Code	Power supply batteries	Display	Weight (kg)	Pack Carton
GW L1 908	Two AAA 1.5 V batteries	LED	0.3	1

NOTE: to be used for addressing and supervising the RGBW equipment.



GW L1 908

RGB CONTROL MODULE

Code	No. of manageable devices/units	No. Chorus modules	DMX Channels	Display	Weight (kg)	Pack Carton
Voltage: 12 V - 50/60 Hz						
GW 85 691	10	3	64	0-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame GW16803. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed.

For the KNX-DMX interface, refer to the Domotics catalogue.



GW 85 691

On request

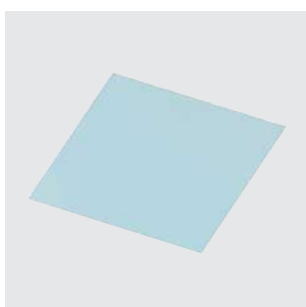


GW 85 692

COMPLEMENTARY ITEMS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Pack Carton
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1

COMPLEMENTARY ITEM



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1



GW L1 933

FIXING ACCESSORIE

Code	Description	Pack Carton
GW L1 933	Fixing spike Smart[4] single	1

SMART[4] 2.0 FL - 4X5L - EQUIVALENT TO 400W MT

STANDARD VERSIONS



GW S4 173 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 171 GS	Spotlight 10°	4000 K (CRI 80)	236 W	28480	21270	Grey RAL 7037	13	1
GW S4 172 GS	Restricted 30°	4000 K (CRI 80)	236 W	28480	20600	Grey RAL 7037	13	1
GW S4 173 GS	Medium 60°	4000 K (CRI 80)	236 W	28480	27290	Grey RAL 7037	13	1
GW S4 174 GS	Diffused 100°	4000 K (CRI 80)	236 W	28480	26040	Grey RAL 7037	13	1
GW S4 175 GS	Elliptical	4000 K (CRI 80)	236 W	28480	26400	Grey RAL 7037	13	1
GW S4 176 GS	Asymmetrical	4000 K (CRI 80)	236 W	28480	25380	Grey RAL 7037	13	1
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S4 176 GD	Asymmetrical	4000 K (CRI 80)	245 W	28480	25380	Grey RAL 7037	13	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

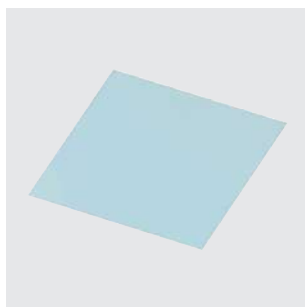
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEM



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[PRO]

HE VERSIONS - HIGH EFFICIENCY

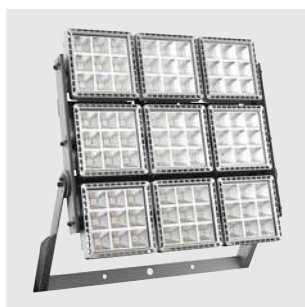


GW P1 161 HE

HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 6 MODULES - EQUIVALENT TO 1000 W MT - IP66 - CLASS I

Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 161 HE	Symmetrical S2	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	78650	29	1
GW P1 162 HE	Symmetrical S1	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	80820	29	1
GW P1 163 HE	Circular C4	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	77340	31	1
GW P1 166 HE	Circular C3	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	77340	31	1
GW P1 167 HE	Circular C2	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	77340	31	1
GW P1 168 HE	Circular C1	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	77340	31	1
GW P1 164 HE	Asymmetrical A2	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	70390	29	1
GW P1 165 HE	Asymmetrical A1	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	76470	28	1
Versions: 5700K cold light								
GW P1 261 HE	Symmetrical S2	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	84580	29	1
GW P1 262 HE	Symmetrical S1	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	86920	29	1
GW P1 263 HE	Circular C4	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	83180	31	1
GW P1 266 HE	Circular C3	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	83180	31	1
GW P1 267 HE	Circular C2	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	83180	31	1
GW P1 268 HE	Circular C1	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	83180	31	1
GW P1 264 HE	Asymmetrical A2	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	75700	29	1
GW P1 265 HE	Asymmetrical A1	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	82240	28	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.



GW P1 191 HE

HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 9 MODULES - EQUIVALENT TO 2000 W MT - IP66 - CLASS I

Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 191 HE	Symmetrical S2	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	117970	38	1
GW P1 192 HE	Symmetrical S1	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	121230	38	1
GW P1 193 HE	Circular C4	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	116010	41	1
GW P1 196 HE	Circular C3	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	116010	41	1
GW P1 197 HE	Circular C2	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	116010	41	1
GW P1 198 HE	Circular C1	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	116010	41	1
GW P1 194 HE	Asymmetrical A2	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	105590	38	1
Versions: 5700K cold light								
GW P1 291 HE	Symmetrical S2	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	126870	38	1
GW P1 293 HE	Circular C4	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	124770	41	1
GW P1 296 HE	Circular C3	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	124770	41	1
GW P1 297 HE	Circular C2	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	124770	41	1
GW P1 298 HE	Circular C1	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	124770	41	1
GW P1 294 HE	Asymmetrical A2	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	113550	38	1
GW P1 295 HE	Asymmetrical A1	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	123370	36.5	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.



GW P1 901 HE

SUPPLY UNITS

Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 901 HE	High Efficiency - 1,1A	6	200/250 V - 50/60 Hz	Stand alone	1

HL VERSIONS - HIGH LUMEN

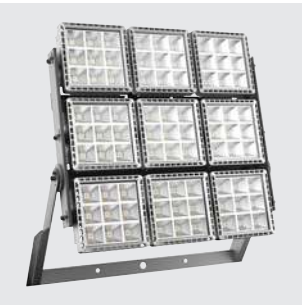


GW P1 161 HL

HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 6 MODULES - EQUIVALENT TO 1000 W MT - IP66 - CLASS I

Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 161 HL	Symmetrical S2	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	94970	29	1
GW P1 162 HL	Symmetrical S1	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	97590	29	1
GW P1 163 HL	Circular C4	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	93400	31	1
GW P1 166 HL	Circular C3	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	93400	31	1
GW P1 167 HL	Circular C2	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	93400	31	1
GW P1 168 HL	Circular C1	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	93400	31	1
GW P1 164 HL	Asymmetrical A2	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	85000	29	1
GW P1 165 HL	Asymmetrical A1	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	92350	28	1
Versions: 5700K cold light								
GW P1 261 HL	Symmetrical S2	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	102140	29	1
GW P1 262 HL	Symmetrical S1	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	104960	29	1
GW P1 263 HL	Circular C4	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	100450	31	1
GW P1 266 HL	Circular C3	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	100450	31	1
GW P1 267 HL	Circular C2	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	100450	31	1
GW P1 268 HL	Circular C1	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	100450	31	1
GW P1 264 HL	Asymmetrical A2	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	91420	29	1
GW P1 265 HL	Asymmetrical A1	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	99320	28	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.



GW P1 191 HL

HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 9 MODULES - EQUIVALENT TO 2000 W MT - IP66 - CLASS I

Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 191 HL	Symmetrical S2	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	142460	38	1
GW P1 192 HL	Symmetrical S1	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	146390	38	1
GW P1 193 HL	Circular C4	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	140100	41	1
GW P1 196 HL	Circular C3	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	140100	41	1
GW P1 197 HL	Circular C2	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	140100	41	1
GW P1 198 HL	Circular C1	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	140100	41	1
GW P1 194 HL	Asymmetrical A2	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	127500	38	1
GW P1 195 HL	Asymmetrical A1	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155530	138520	38	1
Versions: 5700K cold light								
GW P1 293 HL	Circular C4	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	150670	41	1
GW P1 296 HL	Circular C3	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	150670	41	1
GW P1 297 HL	Circular C2	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	150670	41	1
GW P1 298 HL	Circular C1	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	150670	41	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.



GW P1 911 HL

SUPPLY UNITS

Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 911 HL	High Lumen - 1,4A	6	200/250 V - 50/60 Hz	Stand Alone - 1/10V	1

HORUS 1

SYMMETRICAL OPTICS



GW 85 302 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 302 S	70 W	SD	RX7s	1 A	Smoke grey	3.7	1
GW 85 302 M	70 W	MD	RX7s	1 A	Smoke grey	3.7	1



GW 85 393

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 393	70 W	RX7s	Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block.

The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 85 371	Anti-glare louvre	Smoke grey	0.5	1/2
GW 85 376	Blue filter		0.7	1/2
GW 85 377	Red filter		0.7	1/2
GW 85 378	Green filter		0.7	1/2
GW 85 379	Yellow filter		0.7	1/2

On request



GW 88 292

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 88 292	Tempered glass	0.8	1

HORUS 2

SYMMETRICAL OPTIC



GW 85 066

WIRED VERSIONS - IP65 - CLASS II - ELECTRONIC POWER SUPPLY

Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz						
GW 85 066	2x26/32/42 W	FSM	GX24q-3 / GX24q-4	Smoke grey	4.3	1



GW 85 001 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 001 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 001 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 004 M	100 W	ME	E27	1.1 A	Smoke grey	5.5	1
GW 85 005 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1

* Lamps without built-in ignitor.



GW 85 092

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 092	100 W	E27	Smoke grey	3.9	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

ASYMMETRICAL OPTICS



GW 85 031 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 031 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 031 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 032 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1

* Lamps without built-in ignitor.



GW 85 094

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 094	70 W	E27	Smoke grey	4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

CIRCULAR OPTIC

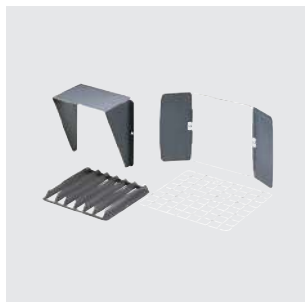


GW 85 051 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 051 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 051 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 052 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 85 071	Anti-glare louvre	Smoke grey	1.2	1/5
GW 85 072	Protective wire guard		0.5	1/5
GW 85 073	Barn door shutter	Smoke grey	1	1/5
GW 85 074	Visor	Smoke grey	1.6	1/2
GW 85 075	Diffused glass		1.5	1/2

On request

HORUS 3

SYMMETRICAL RESTRICTED BEAM OPTICS



GW 85 203 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 201 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 201 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 202 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 203 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 203 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 204 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

* Lamp with striking voltage of $0.7 \div 1$ kV.



GW 85 291

UNWIRED VERSION

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 291	400 W	E40	Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

ASYMMETRICAL RESTRICTED BEAM OPTICS



GW 85 223 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 221 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 221 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 222 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 223 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 223 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 224 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

* Lamp with striking voltage of $0.7 \div 1$ kV.



GW 85 292

UNWIRED VERSION

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 292	400 W	E40	Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

STREET OPTICS



GW 85 242 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 241 S	150 W	ST	E40	1.8 A	Smoke grey	9.8	1
GW 85 242 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 242 M	250 W	MT	E40	3 A	Smoke grey	10.5	1



GW 85 293

UNWIRED VERSION

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 293	250 W	E40	Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



GW 88 294

SPARE PARTS

Code	Description	Weight (kg)	Pack Carton
GW 88 294	Tempered glass for street optic	2.4	1

MERCURIO 1

SYMMETRICAL OPTICS



GW 84 015 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 015 S	70 W	SD	RX7s	1 A	Aluminium	5.6	1
GW 84 015 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 016 S	70 W	ST*	E27	1 A	Aluminium	5.7	1
GW 84 017 M	100 W	ME	E27	1.1 A	Aluminium	5.8	1
GW 84 018 S	150 W	SD	RX7s	1.8 A	Aluminium	6.8	1
GW 84 018 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1

* Lamps without built-in ignitor.

On request



GW 84 081

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 081	150 W	RX7s	Graphite grey	4.2	1
GW 84 082	100 W	E27	Graphite grey	4.2	1
GW 84 083	150 W	RX7s	Aluminium	4.2	1
GW 84 084	100 W	E27	Aluminium	4.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder (RX7s version cables lamp included), terminal block. The devices are supplied with standards service items.

ASYMMETRICAL OPTICS



GW 84 033 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 033 S	70 W	SD	RX7s	1 A	Aluminium	5.6	1
GW 84 033 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 034 S	150 W	SD	RX7s	1.8 A	Aluminium	6.8	1
GW 84 034 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1



GW 84 086

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 086	150 W	RX7s	Aluminium	4.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder with cables, terminal block. The devices are supplied with standards service items.

CIRCULAR OPTICS



GW 84 043 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 043 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 044 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1



GW 84 087

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 087	150 W	RX7s	Graphite grey	4.2	1
GW 84 088	150 W	RX7s	Aluminium	4.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder with cables, terminal block. The devices are supplied with standards service items.

STREET OPTICS



GW 84 051

WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 051	35 W	MT	G12	0.5 A	Graphite grey	4.9	1
GW 84 054	35 W	MT	G12	0.5 A	Aluminium	4.9	1
GW 84 055	70 W	MT	G12	1 A	Aluminium	5.6	1
GW 84 056	150 W	MT	G12	1.8 A	Aluminium	6.8	1

WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 057 S	70 W	ST*	E27	1 A	Graphite grey	5.7	1

* Lamps without built-in ignitor.



GW 84 057 S

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 089	150 W	G12	Graphite grey	4.2	1
GW 84 090	150 W	G12	Aluminium	4.2	1
GW 84 091	70 W	E27	Graphite grey	4.2	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder (G12 version cables lamp included), terminal block. The devices are supplied with standards service items.



GW 84 089

On request



GW 84 059

WIRED VERSIONS - IP66 - CLASS I - ELECTRONIC POWER SUPPLY

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 84 059	90 W	MT	PGZ-12	0.97 A	Graphite grey	5	1

BRACKETS



GW 84 080

POLE HEAD BRACKETS Ø60

Code	Description	Colour	Weight (kg)	Pack Carton
GW 84 079	Single pole head bracket	Graphite grey	3.1	1
GW 84 080	Double pole head bracket	Graphite grey	5.8	1



GW 84 077

BRACKET

Code	Description	Colour	Weight (kg)	Pack Carton
GW 84 077	Bracket for pole/wall	Graphite grey	4.2	1

NOTE: for poles with a diameter from 60 to 75mm.

COMPLEMENTARY ITEMS



GW 84 078

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 078	Tempered glass for street optic	239x360	1.1	1



GW 85 491

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 491	400 W	E40	Graphite grey	6.7	1

ACCESSORIES SUPPLIED: structural components: body, reflector and accessory-holding plate; Electrical components: lamp holder with cables, terminal block. The devices are supplied with standards service items.

MERCURIO 2

STREET OPTICS



GW 85 452 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 452 M	250 W	MT	E40	3 A	Graphite grey	10	1

NOTES: GW85452M use 250W MT lamps with a maximum length of 225mm.

COMPLEMENTARY ITEMS



GW 85 484

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 85 484	Tempered glass for circular optic	400x420	2.5	1/4
GW 85 485	Tempered glass for street optic	400x420	2.5	1/4

TITANO

SYMMETRICAL DIFFUSED OPTICS



GW 84 460 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 460 S	150 W	ST	E40	1.8 A	Graphite grey	10.1	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

On request



GW 84 467

WIRED VERSIONS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 467	600 W	ST	E40	6.2 A	Graphite grey	9	1
GW 84 468	1000 W	MT	E40	9.5 A	Graphite grey	9	1

NOTES: to be used with the relative supply unit.

GW84468: use 1000W MT lamps with a maximum length of 345mm.

ASYMMETRICAL DIFFUSED OPTICS



GW 84 497

WIRED VERSIONS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 497	600 W	ST	E40	6.2 A	Graphite grey	9	1

NOTES: to be used with the relative supply unit.

SYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 520 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 520 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 522 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ASYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 551 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 551 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 552 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 553 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 553 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 554 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

COMPLEMENTARY ITEMS



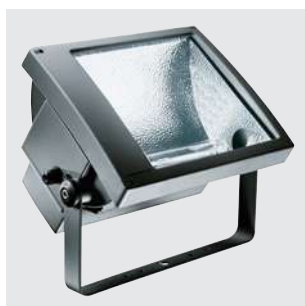
GW 84 618

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 618	1000 W	MT/MN/ST	9.5-10.3 A	220 V - 60 Hz	13.7	1

TITANO - ATEX VERSION - ZONE 2 (G) - ZONE 22 (D)

ASYMMETRICAL DIFFUSED OPTICS



GW 84 593 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 593 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 593 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX classification: Group II Category 3 GD.

Gas protection mode: nR.

Dust protection mode: tc.

Ambient temperature: -20°C Glt;= Ta Glt;= +25°C.

COLOSSEUM

ASYMMETRICAL DIFFUSED OPTICS



GW 84 659

WIRED VERSIONS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 658	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 659	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 660	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

ASYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 759

WIRED VERSIONS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 759	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 760	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

On request

COMPLEMENTARY ITEMS



GW 84 618

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 618	1000 W	MT/MN/ST	9.5-10.3 A	220 V - 60 Hz	13.7	1
GW 84 623	2000 W	MT/MN	9.8-11.3 A	380 V - 60 Hz	18.5	1



GW 84 626

UNWIRED SUPPLY UNIT - IP66

Code	Description	Weight (kg)	Pack Carton
GW 84 626	Unwired box	4.2	1

NOTES: the unwired box is supplied with accessory-holding plate and standard service items.



GW 84 781

OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 84 781	Visor	Matt black	4.1	1

COLOSSEUM - HOT RE-STRIKE

CIRCULAR OPTICS



GW 84 771

WIRED VERSIONS - HOT RE-STRIKE - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Beam	Colour	Weight (kg)	Pack Carton
GW 84 771	2000 W	MN	K12s/Cable	11.3 A	Diffused - 20°	Graphite grey	16.5	1

NOTES: to be used with the relative supply unit. To be used for angles between 0 and 120°. Versions for short-arc discharge lamps.

COMPLEMENTARY ITEMS



GW 84 624

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 624	2000 W	MN	11.3 A	380 / 415 V - 50 Hz	25.2	1

NOTES: power supply unit supplied with a 5m high voltage cable.

STADIUM

SYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 673

WIRED VERSIONS - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 673	2000 W	MT	E40	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: GW84672: ignitor.

GW84673: ignitor not included, floodlight suitable for 380/400V lamps with built-in ignitor.

NOTES: to be used with the relative supply unit.

COMPLEMENTARY ITEMS



GW 84 618

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 618	1000 W	MT/MN/ST	9.5-10.3 A	220 V - 60 Hz	13.7	1
GW 84 623	2000 W	MT/MN	9.8-11.3 A	380 V - 60 Hz	18.5	1

UNWIRED SUPPLY UNIT - IP66

Code	Description	Weight (kg)	Pack Carton
GW 84 626	Unwired box	4.2	1

NOTES: the unwired box is supplied with accessory-holding plate and standard service items.



GW 84 626

On request

ACCESSORIES FOR FLOODLIGHTS

COMPLEMENTARY ITEMS COMMON TO ALL GEWISS FLOODLIGHTS



GW 85 080

POLE COUPLINGS

Code	Description	For pole diameter (mm)	Length post head	Weight (kg)	Pack Carton
GW 85 080	Post head	60	L=400	3.5	1
GW 85 081	Post head	60	L=1100	7.1	1
GW 85 186	Post head	76	L=260	4.5	1
GW 85 187	Post head	76	L=400	6.3	1
GW 85 188	Post head	76	L=1100	9	1

CHARACTERISTICS: hot galvanised steel.



GW 85 084

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Accessories supplied	Length (mm)	Weight (kg)	Pack Carton
GW 85 085	Wall support		1000	4	1
GW 85 086	Angle bracket			1.4	1
GW 85 088	Adjustable bracket	Junction box, terminal block and fuseholder	800	3	1

CHARACTERISTICS: steel supports coated with graphite grey polyester powder.

URBAN [03]

LED - ST1 STREET OPTIC



GW 87 601

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 601	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW 87 602	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW 87 603	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW 87 606	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 621	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW 87 622	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW 87 623	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW 87 626	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1

NOTES: the data refer to 550 mA.

Full prog. driver settled in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 201

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 201	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.7	1
GW S7 202	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.3	1
GW S7 203	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11	1
GW S7 206	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 221	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.7	1
GW S7 222	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.3	1
GW S7 223	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11	1
GW S7 226	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.7	1

NOTES: the data refer to 550 mA.

Full prog driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - ELLIPTICAL OPTIC



GW S7 251

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 251	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW S7 252	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW S7 253	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW S7 256	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 271	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW S7 272	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW S7 273	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW S7 276	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1

NOTES: the data refer to 550 mA.

Full prog driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

POLE FIXING ROUND SIDE BRACKET



GW 87 884

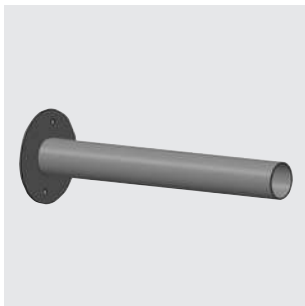
BRACKETS AT VARIABLE HEIGHTS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 884	Intermediate single pole with slots	400 mm	Graphite grey	2.5	1

NOTE: for poles with a diameter from 60 to 75 mm.

On request

WALL-MOUNTING FIXING



GW 87 885

WALL-MOUNTING BRACKETS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 885	Wall-mounting bracket	450 mm	Graphite grey	4	1

LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 327

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 327	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	9.9	1

NOTES: the data refer to 550 mA.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - ST1 STREET OPTIC



GW 87 807

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 807	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.8	1
GW 87 808	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1

NOTES: the data refer to 550 mA.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - ELLIPTICAL OPTIC



GW S7 458

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 458	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 478	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1

NOTES: the data refer to 550 mA.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - ST1 STREET OPTIC



GW 87 901

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 901	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW 87 902	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW 87 903	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW 87 906	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW 87 907	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW 87 908	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 921	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW 87 922	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW 87 923	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW 87 926	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW 87 927	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW 87 928	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - CYCLE AND PEDESTRIAN OPTIC



GW S7 501

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 501	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	8.2	1
GW S7 502	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	8.8	1
GW S7 503	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	9.5	1
GW S7 506	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	8.2	1
GW S7 507	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	8.8	1
GW S7 508	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 521	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	8.2	1
GW S7 522	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	8.8	1
GW S7 523	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	9.5	1
GW S7 526	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	8.2	1
GW S7 527	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	8.8	1
GW S7 528	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

1-10 V stand alone and/or dimmerable versions: Driver adjustable at different LED current.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

LED - ELLIPTICAL OPTIC



GW S7 552

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66 LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 552	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW S7 553	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW S7 556	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW S7 557	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW S7 558	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 571	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW S7 572	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW S7 573	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW S7 576	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW S7 577	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW S7 578	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

1-10 V stand alone and/or dimmerable versions: Driver adjustable at different LED current.

Full prog. driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

FIXING ACCESSORIES



GW 87 981

KIT FOR PASTORAL POLE

Code	Description	Colour	Weight (kg)	Pack Carton
GW 87 981	Conical pole fixing	Graphite grey	11	1

POLES



GW 86 527

POLES WITH SLOTS FOR PLANTING

Code	Material	Length (mm)	Planting recommended	Colour	Weight (kg)	Pack Carton
GW 86 527	Extruded aluminium	3500	500 mm	Graphite grey	17.8	1
GW 86 528	Extruded aluminium	4600	600 mm	Graphite grey	23	1
GW 86 529	Extruded aluminium	5800	800 mm	Graphite grey	28.6	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.



GW 86 530

POLES WITH SLOTS FOR ASSEMBLY ON AN EXTERNAL BASE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 530	Extruded aluminium	3000	Graphite grey	15.4	1
GW 86 531	Extruded aluminium	4000	Graphite grey	20.2	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.

ACCESSORIES FOR POLES WITH SLOTS



GW 86 533

POLE SUPPORT BASE FOR EXTERNAL ASSEMBLY

Code	Material	Weight (kg)	Pack Carton
GW 86 533	Galvanised iron	7.2	1

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.



GW 86 526

ATTRACTIVE POLE-COVERING BASE

Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 526	Turn aluminium	Graphite grey	1.5	1



GW 86 524

CABLES - POLE CLOSING PROFILE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 524	EPDM rubber	3000	Black	0.7	1



GW 86 523

UNIVERSAL ADAPTER

Code	Material	Weight (kg)	Pack Carton
GW 86 523	Black galvanised steel	0.1	1/4

On request



GW 86 522

POLE TERMINAL

Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 522	Nylon	Graphite grey	0.2	1/4

SATURNO

VERSIONS WITH BASE



GW 85 661

WIRED VERSIONS - IP65 - CLASS II

Code	Optic	No. of lamps	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW 85 661	Asymmetrical	24	4000 K (CRI 65)	50 W	5100	4250	Graphite grey	1
GW 85 662	Street	24	4000 K (CRI 65)	50 W	4680	3900	Graphite grey	1
GW 85 663	16° spotlight	24	4000 K (CRI 65)	50 W	5220	4350	Graphite grey	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

VERSIONS FOR POLE DIAMETER 60/76MM



GW 85 667

WIRED VERSIONS - IP65 - CLASS III

Code	Optic	No. of lamps	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Pack Carton
LED current: 700 mA								
GW 85 666	Asymmetrical	24	4000 K (CRI 65)	50 W	5100	4250	Graphite grey	1
GW 85 667	Street	24	4000 K (CRI 65)	50 W	4680	3900	Graphite grey	1
GW 85 668	16° spotlight	24	4000 K (CRI 65)	50 W	5220	4350	Graphite grey	1

NOTE: to be completed with the power supply for the 700 mA SELV LED.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.



GW 85 693

LED POWER SUPPLY

Code	Description	Max. power	Output current	Weight (kg)	Pack Carton
Voltage: 220 / 240 V - 50 / 60 Hz - IP67					
GW 85 693	Power supply for LED SELV	52 W	700 mA	0.3	1

VERSIONS WITH BASE - RGB



GW 85 646

WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I

Code	Optic	Lamp	No. of lamps	Overall power	Colour	Weight (kg)	Pack Carton
Voltage: 90 / 260 V - 50 / 60 Hz - Power supply 350 mA							
GW 85 646	Circular 40°	RGB Led	16	48 W	Graphite grey	3	1

ACCESSORIES SUPPLIED: 6 DMX channels: Red; Green; Blue; Strobe; Rainbow and dimmer.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

POLES



GW 86 527

POLES WITH SLOTS FOR PLANTING

Code	Material	Length (mm)	Planting recommended	Colour	Weight (kg)	Pack Carton
GW 86 527	Extruded aluminium	3500	500 mm	Graphite grey	17.8	1
GW 86 528	Extruded aluminium	4600	600 mm	Graphite grey	23	1
GW 86 529	Extruded aluminium	5800	800 mm	Graphite grey	28.6	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.



GW 86 530

POLES WITH SLOTS FOR ASSEMBLY ON AN EXTERNAL BASE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 530	Extruded aluminium	3000	Graphite grey	15.4	1
GW 86 531	Extruded aluminium	4000	Graphite grey	20.2	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.

ACCESSORIES FOR POLES WITH SLOTS



GW 86 533

POLE SUPPORT BASE FOR EXTERNAL ASSEMBLY

Code	Material	Weight (kg)	Pack Carton
GW 86 533	Galvanised iron	7.2	1

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.



GW 86 526

ATTRACTIVE POLE-COVERING BASE

Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 526	Turn aluminium	Graphite grey	1.5	1



GW 86 524

CABLES - POLE CLOSING PROFILE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 524	EPDM rubber	3000	Black	0.7	1



GW 86 523

UNIVERSAL ADAPTER

Code	Material	Weight (kg)	Pack Carton
GW 86 523	Black galvanised steel	0.1	1/4



GW 86 522

POLE TERMINAL

Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 522	Nylon	Graphite grey	0.2	1/4

COMPLEMENTARY ITEMS



GW 85 685

EXTENSION FOR POLE WITH SLOTS

Code	Colour	Weight (kg)	Pack Carton
GW 85 685	Graphite grey	2	1/2



GW 85 686

KIT FOR ASSEMBLY ON POLE WITH SLOTS

Code	Colour	Weight (kg)	Pack Carton
GW 85 686	Graphite grey	0.5	1



GW 85 682

OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 85 682	Visor	Graphite grey	0.3	1/5
GW 85 683	Anti-glare louvre	Graphite grey	0.3	1/5



GW 85 681

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 85 681	Tempered glass	248x248	0.7	1

TRILIGHT

RESIDENTIAL / URBAN DECORATIVE DEVICES



GW 82 082

WIRED VERSIONS WITH LED SOURCES - CLASS I

Code	No. of lamps	System power	Main lamp	Light signalling lamp	Height H (mm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/230 V - 50/60 Hz								
GW 82 082	6+3	27 W	White Led - 6300 K	White	350	Aluminium	4	1
GW 82 083	6+3	27 W	White Led - 6300 K	Blue	350	Aluminium	4	1
GW 82 082 B	6+3	27 W	White Led - 3000 K	White	350	BlueGreen	4	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

METROLIGHT

COMPLETE KITS



GW 82 860

WIRED KITS WITH LED SOURCES - IP67 - CLASS I

Code	No. of lamps	System power	Lamp	Number of modules	Colour	Weight (kg)	Pack Carton
Voltage: 220/230 V - 50/60 Hz							
GW 82 860	6	24 W	White Led - 6300 K	6	Black	4.3	1

NOTES: Supplied with 6-module outer casing GW82891, two closure caps and connector GW82894.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

LINEAR MODULAR FLUSH-MOUNTING ELEMENTS



GW 82 862

WIRED VERSIONS WITH LED SOURCES - IP67 - CLASS I

Code	No. of lamps	System power	Lamp	Number of modules	Colour	Weight (kg)	Pack Carton
Voltage: 220/230 V - 50/60 Hz							
GW 82 862	6	24 W	White Led - 6300 K	6	Black	2.6	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

COMPLEMENTARY ITEMS



GW 82 894

INSTALLATION COMPLEMENTARY ITEMS

Code	Description	Number of modules	Material	Colour	Weight (kg)	Pack Carton
GW 82 894	3 poles power supply connector				0.1	1/10

NOTE: 7 anti-crush elements are supplied with the GW82891 linear outer casing.

EXTRO

STANDARD



GW 82 214 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz						
GW 82 214 S	70 W	SE*	E27	White	3.6	1/2

* Use lamps with a built-in ignitor.



GW 82 202

VERSIONS WITH EDISON LAMP-HOLDERS - IP55 - CLASS I

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 82 202	100 W	E27	White	2.4	1/2

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.



GW 82 242

WIRED VERSIONS - IP55 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 82 242	2	26-32 W	FSM	GX24q-3	White	2.5	1/2

The electronic power supply versions can house both 26 W and 32 W compact fluorescent lamps with GX24q-3 coupling.

EMERGENCY VERSIONS



GW 82 247

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS I - ELECTRONIC POWER SUPPLY

Code	Lamp power	Lamp	Lamp holder	Luminous flux in emerg. [lm]	Autonomy	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 82 247	26-32 W	FSM	GX24q-3	135 / 90	1 h	White	2.8	1/2

Ni-Cd battery for high temperatures

COMPLEMENTARY ITEMS FOR WALL INSTALLATION



GW 82 255

SWIVEL BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 255	Die-cast aluminium	140x120x100	White	1/6

APPLICATIONS: allows surface installation of the device and to adjust the vertical inclination by 45° upwards and 45° downwards with respect to the horizontal axis.



GW 82 253

ANGLE BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 253	Die-cast aluminium	90x80x100	White	1/5

APPLICATIONS: allows installation of the device on 90° corners.

COMPLEMENTARY ITEMS FOR INSTALLATION ON COLUMNS



GW 82 259

SINGLE LUMINAIRES SUPPORT COLUMN

Code	Material	Height (mm)	Planting recommended	Colour	Pack Carton
GW 82 259	Extruded aluminium	1300	250 mm	White	1
GW 82 293	Extruded aluminium	3000	500 mm	Graphite grey	1
GW 82 263	Extruded aluminium	3000	500 mm	White	1

NOTES: Columns suited only for private areas.



GW 82 294

SUPPORT COLUMN FOR SINGLE DEVICE, COMPLETE WITH IP55 PLATES FOR 3 SYSTEM RANGE MODULES

Code	Material	Accessories supplied	Height (mm)	Planting recommended	Colour	Pack Carton
GW 82 294	Extruded aluminium	3P Enclosure - black	1300	250 mm	Graphite grey	1
GW 82 273	Extruded aluminium	3P Enclosure - white	1300	250 mm	White	1

NOTES: Columns suited only for private areas.



GW 82 295

DOUBLE LUMINAIRES SUPPORT COLUMN

Code	Material	Height (mm)	Planting recommended	Colour	Pack Carton
GW 82 295	Extruded aluminium	1300	250 mm	Graphite grey	1
GW 82 261	Extruded aluminium	1300	250 mm	White	1
GW 82 296	Extruded aluminium	3000	500 mm	Graphite grey	1
GW 82 265	Extruded aluminium	3000	500 mm	White	1

NOTES: Columns suited only for private areas.



GW 82 267

RECTANGULAR BASE FOR SUPPORT COLUMN OF MAX. HEIGHT 1300 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 267	Extruded aluminium	300x202x315	White	1/4

CHARACTERISTICS: the fixing of the base + column assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

ACCESSORIES SUPPLIED: 2 screws, M4x12, for fixing the column to the base.

COMPLEMENTARY ITEMS FOR INSTALLATION ON POLE



GW 82 257

POLE MOUNTING SINGLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 257	Die-cast aluminium	160x140x100	White	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.



GW 82 270

POLE MOUNTING DOUBLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Pack Carton
GW 82 270	Die-cast aluminium	160x140x100	White	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.

SMART [3]

TRANSPARENT DIFFUSER



GW S3 118 TD

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 118 TD	800 mm	4000 K (CRI 80)	17 W	2100	1700	1.5	1/90
GW S3 136 TD	1200 mm	4000 K (CRI 80)	21 W	2900	2500	2	1/90
GW S3 158 TD	1600 mm	4000 K (CRI 80)	26 W	3700	3400	2.5	1/90
GW S3 236 TD	1200 mm	4000 K (CRI 80)	40 W	5500	4900	2	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Maximum working temperature: +50°C.
ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

OPAL DIFFUSER



GW S3 136 PD

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 136 PD	1200 mm	4000 K (CRI 80)	21 W	2900	2300	2	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Maximum working temperature: +50°C.
ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

TRANSPARENTE DIFFUSER - QUICK WIRING CONNECTION



GW S3 118 TL

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 118 TL	800 mm	4000 K (CRI 80)	15 W	2100	1700	1.5	1/90
GW S3 118 TLD	800 mm	4000 K (CRI 80)	17 W	2100	1700	1.5	1/90
GW S3 136 TLD	1200 mm	4000 K (CRI 80)	21 W	2900	2500	2	1/90
GW S3 158 TLD	1600 mm	4000 K (CRI 80)	26 W	3700	3400	2.5	1/90
GW S3 218 TLD	800 mm	4000 K (CRI 80)	27 W	3500	3400	1.5	1/90
GW S3 236 TLD	1200 mm	4000 K (CRI 80)	40 W	5500	4900	2	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
NOTE: Due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Maximum working temperature: +50°C.
SUPPLIED ACCESSORIES: Female connector (end cap only for through wiring version).
maximum luminaries in line : 25 pieces.

OPAL DIFFUSER - QUICK WIRING CONNECTION



GW S3 118 PLD

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone							
Voltage: 220/240 V - 50/60 Hz - Dali							
GW S3 118 PLD	800 mm	4000 K (CRI 80)	17 W	2100	1500	1.5	1/90
GW S3 218 PLD	800 mm	4000 K (CRI 80)	27 W	3500	3200	1.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Maximum working temperature: +50°C.
ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).
maximum luminaries in line : 25 pieces.

SMART[4] 2.0 LB - 2L - EQUIVALENT TO 1X58W FD

STANDARD VERSIONS



GW S4 002 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 002 GS	Restricted 30°	4000 K (CRI 80)	25 W	2960	2060	Grey RAL 7037	1.8	1
GW S4 003 GS	Medium 60°	4000 K (CRI 80)	25 W	2960	2730	Grey RAL 7037	1.8	1
GW S4 005 GS	Elliptical	4000 K (CRI 80)	25 W	2960	2640	Grey RAL 7037	1.8	1
GW S4 006 GS	Asymmetrical	4000 K (CRI 80)	25 W	2960	2540	Grey RAL 7037	1.8	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +50°C.

EMERGENCY VERSION



GW S4 004 GE

WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 004 GE	Diffused 100°	28 W	2600	260	4000 K (CRI 80)	Grey RAL 7037	3.8	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.

Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Minimum working temperature: +5 °C.

SMART[4] 2.0 LB - 2+2L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS



GW S4 011 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 011 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	3	1
GW S4 012 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	3	1
GW S4 013 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	3	1
GW S4 015 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	3	1
GW S4 016 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

EMERGENCY VERSION



GW S4 014 GE

WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 014 GE	Diffused 100°	53 W	5210	520	4000 K (CRI 80)	Grey RAL 7037	5	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.

Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.

due to the continuous changes with the LED technologies, the technical data can undertake variations

Nominal flux referred to Tj=85°C

Minimum working temperature: +5 °C.

SMART[4] 2.0 LB - 4L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS



GW S4 021 GS

WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 021 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	3	1
GW S4 022 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	3	1
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S4 024 GD	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 LB - 5L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS



GW S4 031 GS

WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 031 GS	Spotlight 10°	4000 K (CRI 80)	60 W	7120	5320	Grey RAL 7037	3.2	1
GW S4 032 GS	Restricted 30°	4000 K (CRI 80)	60 W	7120	5150	Grey RAL 7037	3.2	1
GW S4 035 GS	Elliptical	4000 K (CRI 80)	60 W	7120	6600	Grey RAL 7037	3.2	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

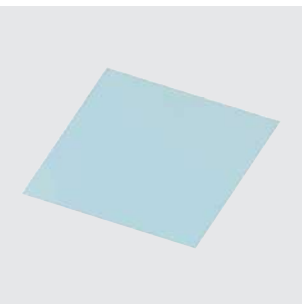
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 HB - 4+4L - EQUIVALENT TO 250 W ME

STANDARD VERSIONS



GW S4 044 GD

WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S4 044 GD	Diffused 100°	4000 K (CRI 80)	100 W	11810	10420	Grey RAL 7037	5.3	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

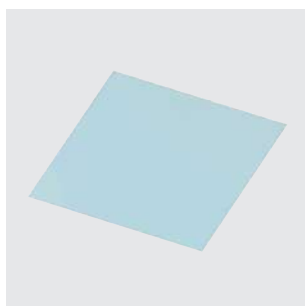
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 HB - 5+5L - EQUIVALENT TO 250W ME

STANDARD VERSIONS



GW S4 053 GD

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S4 053 GD	Medium 60°	4000 K (CRI 80)	121 W	14280	13650	Grey RAL 7037	6	1
GW S4 054 GD	Diffused 100°	4000 K (CRI 80)	121 W	14280	13020	Grey RAL 7037	6	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

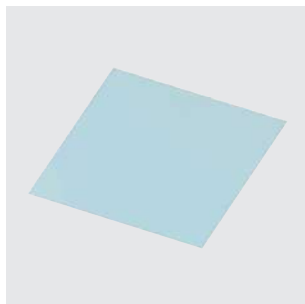
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 HB - 4X4L - EQUIVALENT TO 400W ME

STANDARD VERSIONS



GW S4 064 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 062 GS	Restricted 30°	4000 K (CRI 80)	194 W	23630	16480	Grey RAL 7037	12	1
GW S4 063 GS	Medium 60°	4000 K (CRI 80)	194 W	23630	21830	Grey RAL 7037	12	1
GW S4 064 GS	Diffused 100°	4000 K (CRI 80)	194 W	23630	20830	Grey RAL 7037	12	1
GW S4 065 GS	Elliptical	4000 K (CRI 80)	194 W	23630	21120	Grey RAL 7037	12	1
GW S4 066 GS	Asymmetrical	4000 K (CRI 80)	194 W	23630	20300	Grey RAL 7037	12	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

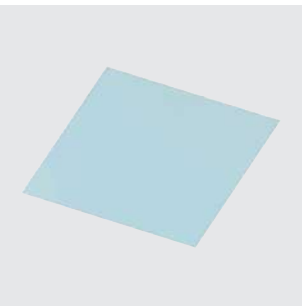
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 HB - 4X5L - EQUIVALENT TO 400W ME

STANDARD VERSIONS



GW S4 074 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 071 GS	Spotlight 10°	4000 K (CRI 80)	236 W	28480	21270	Grey RAL 7037	13	1
GW S4 072 GS	Restricted 30°	4000 K (CRI 80)	236 W	28480	20600	Grey RAL 7037	13	1
GW S4 073 GS	Medium 60°	4000 K (CRI 80)	236 W	28480	27290	Grey RAL 7037	13	1
GW S4 074 GS	Diffused 100°	4000 K (CRI 80)	236 W	28480	26040	Grey RAL 7037	13	1
GW S4 075 GS	Elliptical	4000 K (CRI 80)	236 W	28480	26400	Grey RAL 7037	13	1
GW S4 076 GS	Asymmetrical	4000 K (CRI 80)	236 W	28480	25380	Grey RAL 7037	13	1

Voltage: 220/240 V - 50/60 Hz - DALI

GW S4 073 GD	Medium 60°	4000 K (CRI 80)	245 W	28480	27290	Grey RAL 7037	13	1
GW S4 074 GD	Diffused 100°	4000 K (CRI 80)	245 W	28480	26040	Grey RAL 7037	13	1
GW S4 076 GD	Asymmetrical	4000 K (CRI 80)	245 W	28480	25380	Grey RAL 7037	13	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

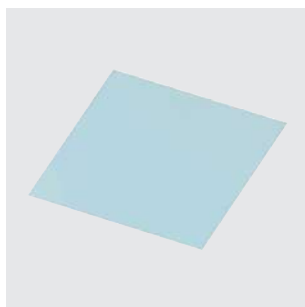
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

SMART[4] 2.0 HB - 4+4L - EQUIVALENT TO 250W ME

ATEX VERSIONS ZONE 2G - ZONE 22D



GW S4 044 GSA

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 044 GSA	Diffused 100°	4000 K (CRI 80)	110 W	13050	11440	Grey RAL 7037	7.6	1

ATEX Classification: Equipment-group II Category 3GD

Working temperature: +5°C ; +25°C

SMART[4] 2.1 HLO - 4L

STANDARD VERSIONS



GW S4 222 GS

WIRED VERSIONS - IP66 - CLASS I

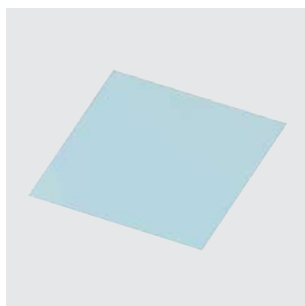
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 222 GS	Restricted 30°	4000 K (CRI 80)	58 W	6720	4750	Grey RAL 7037	3	1
GW S4 223 GS	Medium 60°	4000 K (CRI 80)	58 W	6720	6290	Grey RAL 7037	3	1
GW S4 224 GS	Diffused 100°	4000 K (CRI 80)	56 W	6720	6400	Grey RAL 7037	3	1
GW S4 225 GS	Elliptical	4000 K (CRI 80)	58 W	6720	6080	Grey RAL 7037	3	1
GW S4 226 GS	Asymmetrical	4000 K (CRI 80)	58 W	6720	6160	Grey RAL 7037	3	1

SUPPLIED ACCESSORIES: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

NOTE. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

On request

SMART[4] 2.1 HLO - 5L

STANDARD VERSIONS



GW S4 232 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 232 GS	Restricted 30°	4000 K (CRI 80)	71 W	8400	5930	Grey RAL 7037	3.2	1
GW S4 233 GS	Medium 60°	4000 K (CRI 80)	71 W	8400	7860	Grey RAL 7037	3.2	1
GW S4 235 GS	Elliptical	4000 K (CRI 80)	71 W	8400	7600	Grey RAL 7037	3.2	1
GW S4 236 GS	Asymmetrical	4000 K (CRI 80)	71 W	8400	7700	Grey RAL 7037	3.2	1

SUPPLIED ACCESSORIES: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

SMART[4] 2.1 HLO - 4+4L

STANDARD VERSIONS



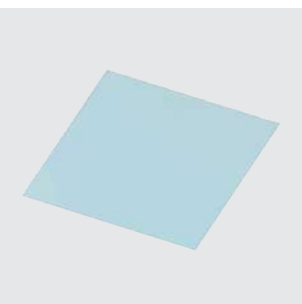
GW S4 242 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 242 GS	Restricted 30°	4000 K (CRI 80)	116 W	13440	9490	Grey RAL 7037	5.3	1
GW S4 245 GS	Elliptical	4000 K (CRI 80)	116 W	13440	12160	Grey RAL 7037	5.3	1
GW S4 246 GS	Asymmetrical	4000 K (CRI 80)	116 W	13440	12310	Grey RAL 7037	5.3	1

SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

SMART[4] 2.1 HLO - 5+5L

STANDARD VERSIONS



GW S4 252 GS

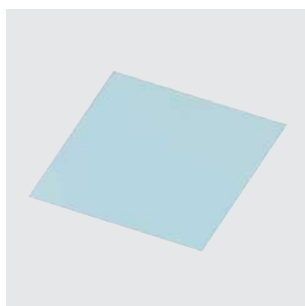
WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 252 GS	Restricted 30°	4000 K (CRI 80)	142 W	16800	11870	Grey RAL 7037	6	1
GW S4 255 GS	Elliptical	4000 K (CRI 80)	142 W	16800	15210	Grey RAL 7037	6	1

SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

SMART[4] 2.1 HLO - 4X4L

STANDARD VERSIONS



GW S4 262 GS

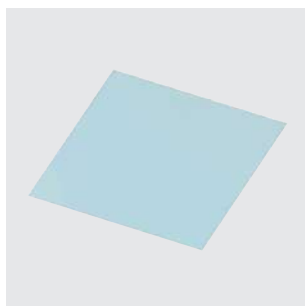
WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 262 GS	Restricted 30°	4000 K (CRI 80)	232 W	26880	18990	Grey RAL 7037	12	1
GW S4 263 GS	Medium 60°	4000 K (CRI 80)	232 W	26880	25150	Grey RAL 7037	12	1
GW S4 264 GS	Diffused 100°	4000 K (CRI 80)	225 W	26880	25600	Grey RAL 7037	12	1
GW S4 265 GS	Elliptical	4000 K (CRI 80)	232 W	26880	24330	Grey RAL 7037	12	1
GW S4 266 GS	Asymmetrical	4000 K (CRI 80)	232 W	26880	24620	Grey RAL 7037	12	1

SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

On request

SMART[4] 2.1 HLO - 4X5L

STANDARD VERSIONS



GW S4 272 GS

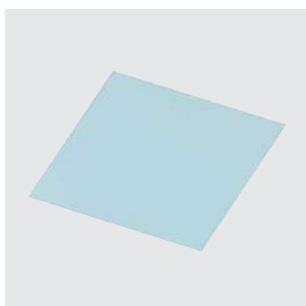
WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S4 272 GS	Restricted 30°	4000 K (CRI 80)	284 W	33600	23730	Grey RAL 7037	13	1
GW S4 273 GS	Medium 60°	4000 K (CRI 80)	284 W	33600	31440	Grey RAL 7037	13	1
GW S4 274 GS	Diffused 100°	4000 K (CRI 80)	280 W	33600	32000	Grey RAL 7037	13	1
GW S4 275 GS	Elliptical	4000 K (CRI 80)	284 W	33600	30410	Grey RAL 7037	13	1
GW S4 276 GS	Asymmetrical	4000 K (CRI 80)	284 W	33600	30780	Grey RAL 7037	13	1

SUPPLIED ACCESSORIES: Watertight connector, four fixing points for suspension and two fixed retaining wires.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +40°C.

COMPLEMENTARY ITEMS



GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

ZNT

DIFFUSED REFLECTOR



GW 80 165

WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 80 162	1	36 W	FD	G13	1290x112x135	3.1	1/28
GW 80 164	2	18 W	FD	G13	680x112x195	2.6	1/20
GW 80 165	2	36 W	FD	G13	1290x112x195	4.6	1/20

CHARACTERISTICS: reinforced insulation cables. No earthing devices.



GW 80 143

WIRED VERSIONS - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 80 143	1	58 W	FD	G13	1590x112x135	3.4	1/28
GW 80 146	2	58 W	FD	G13	1590x112x195	4.4	1/20



GW 80 102

UNWIRED VERSIONS

Code	No. of lamps	Lamp power	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
GW 80 102	1	36 W	G13	1290x112x135	2.6	1/28
GW 80 103	1	58 W	G13	1590x112x135	3.1	1/28
GW 80 106	2	58 W	G13	1590x112x195	4.1	1/20

ACCESSORIES SUPPLIED: body, diffuser and accessory holding plate.

Electrical components: terminal block, G13 lamp holders for KCG or EVG version. The devices are supplied with standards service items.



GW 80 192 F

WIRED VERSIONS COMPLETE WITH LAMP - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp supplied	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 80 192 F	2	55 W	FSD	2G11	680x112x195	2.3	1/20
GW 80 193 F	2	55 W	FSD	2G11	1290x112x135	3	1/28
GW 80 194 F	2	80 W	FSD	2G11	1290x112x135	3.3	1/28
GW 80 195 F	4	55 W	FSD	2G11	1290x112x195	3.3	1/20

NOTES: lamp including colour tone 4000 K.

EMERGENCY VERSIONS



GW 80 364

WIRED VERSIONS - NON-PERMANENT - IP65 - CLASS I

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz								
GW 80 361	1	18 W	FD	G13	1 h	130	2	1/28
GW 80 362	1	18 W	FD	G13	3 h	190	2.4	1/28
GW 80 364	1	36 W	FD	G13	3 h	300	3.5	1/28
GW 80 366	1	58 W	FD	G13	3 h	380	4	1/28

ACCESSORIES SUPPLIED: Ni-Cd accumulators.



GW 81 063

WIRED VERSIONS - PERMANENT - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz								
GW 81 063	1	58 W	FD	G13	1 h	300	4.9	1/28
GW 81 066	2	58 W	FD	G13	1 h	260	6.7	1/20
GW 81 075	2	36 W	FD	G13	3 h	260	5.3	1/20
GW 81 076	2	58 W	FD	G13	3 h	330	6.8	1/20

CHARACTERISTICS: in emergency mode, only one lamp works.

ACCESSORIES SUPPLIED: Ni-Cd accumulators.

On request



GW 80 198

WIRED VERSIONS - PERMANENT - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz								
GW 80 198	2	55 W	FSD	2G11	1 h	250	3.7	1/28

CHARACTERISTICS: in emergency mode, only one lamp works.

Dimensions: 1290 x 112 x 135mm.

ACCESSORIES SUPPLIED: Ni-Cd accumulators.

COMPLEMENTARY ITEMS

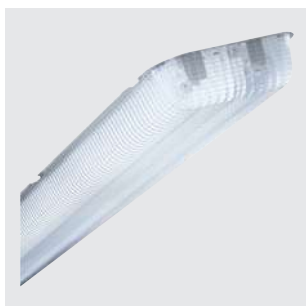


GW 80 545

RESTRICTED BEAM REFLECTORS

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Luminous flux in emerg. [lm]	Weight (kg)	Pack Carton
Voltage:								
GW 80 545	2	36 W					0.3	30
GW 80 543	1	58 W					0.3	30
GW 80 546	2	58 W					0.4	30
GW 80 547	2	55-80 W					0.3	30
GW 80 548	4	55 W					0.3	30

CHARACTERISTICS: material: aluminium 99.85 polished and oxidised. Directly fixed on the diffuser without using any tools.



GW 80 131

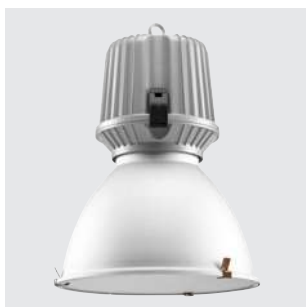
SPARE PARTS

Code	Description	Pack Carton
GW 80 131	Diffuser 1x18W	1/28
GW 80 133	Diffuser 1x58W	1/28
GW 80 136	Diffuser 2x58W	1/20

NOTE: stainless steel clips for fixing to the shell are included

MINI HALLE

WITH GLASS



GW 83 732

WIRED VERSIONS WITH LED SOURCES - 2300 AND 5500 LM - IP65 - CLASS I

Code	Lamp	Colour temperature	LED current	System power	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW 83 732	LED	4000 K (CRI 75)	1400 mA	55 W	3370	Aluminium	8	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

HALLE - SMOOTH OPTICS

OPEN OPTIC



GW 83 003 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP23 OPTICS COMPARTMENT IP65 ACCESSORIES COMPARTMENT - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 003 M	250 W	ME	E40	3 A	Graphite grey	7.6	1
GW 83 004 M	250 W	ME*	E40	2.2 A	Graphite grey	6.8	1
GW 83 006 M	400 W	ME	E40	4.2 A	Graphite grey	8.9	1
GW 83 007 M	400 W	ME*	E40	3.4 A	Graphite grey	7.5	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.



GW 83 501

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 83 501	400 W	E40	Graphite grey	6.2	1

ACCESSORIES SUPPLIED: structural components: body and reflector; electrical components: lamp holder, terminal block.

WITH GLASS



GW 83 028 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 028 M	250 W	ME	E40	3 A	Graphite grey	9.9	1
GW 83 029 M	250 W	ME*	E40	2.2 A	Graphite grey	9.1	1
GW 83 031 M	400 W	ME	E40	4.2 A	Graphite grey	10.9	1
GW 83 032 M	400 W	ME*	E40	3.4 A	Graphite grey	9.8	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

COMPLEMENTARY ITEMS



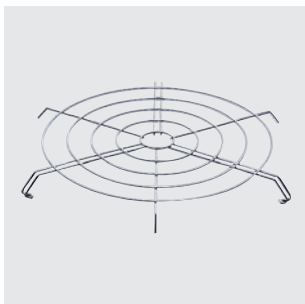
GW 83 531

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 531	IP65 kit glass		2.3	1

CHARACTERISTICS: GW83531: the kit includes glass, closing ring and gasket.

On request



GW 84 814

PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE - DIFFUSED OPTICS

WITH GLASS



GW 83 132 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 132 M	400 W	ME*	E40	3.4 A	Graphite grey	12.3	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

WITH PC BOWL



GW 83 156 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 156 M	400 W	ME	E40	4.2 A	Graphite grey	11.9	1

* Lamp with striking voltage of 0.7 ÷ 1kV.



GW 83 506

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 83 506	400 W	E40	Graphite grey	7.9	1

ACCESSORIES SUPPLIED: structural components: body, reflector and bowl; electrical components: lamp holder, terminal block.

COMPLEMENTARY ITEMS



GW 83 535

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 535	IP65 kit bowl PC		2.2	1

CHARACTERISTICS: GW83535: the kit includes PC bowl, closing ring and gasket.

ATEX VERSION ZONE 2 (G) - ZONE 22 (D)

SMOOTH OPTICS



GW 83 566 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 566 M	400 W	ME	E40	4.2 A	Graphite grey	11.1	1
GW 83 567 M	400 W	ME*	E40	3.4 A	Graphite grey	9.9	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX Classification: Group II Category 3 GD.

Gas protection mode: nR.

Dust protection mode: tc.

Ambient temperature: -20°C Glt;= Ta Glt;= +25 °C.

HALLE TS - TRANSPARENT OPTICS

OPEN OPTIC



GW 83 401

WIRED VERSIONS WITH P.F. CORRECTION

IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 401	150 W	ME - MC	E27	1.8 A	Aluminium	7.5	1
GW 83 406	400 W	ME/SE	E40	4.2 A	Aluminium	9.9	1
GW 83 407	400 W	ME*	E40	3.4 A	Aluminium	8.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (bowl) as this is required by the type of lamp installed.

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 83 518	400 W	E40	Aluminium	5.2	1

ACCESSORIES SUPPLIED: structural components: body and reflector; electrical components: lamp holder, terminal block.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield as this is required by the type of lamp installed.



GW 83 518

On request

WITH PMMA BOWL



GW 83 481

WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 481	400 W	ME/SE	E40	4.2 A	Aluminium	11.2	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

COMPLEMENTARY ITEMS



GW 83 537

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 537	Kit bowl PMMA		1.3	1

CHARACTERISTICS: GW83537: the kit includes PMMA bowl, closing ring and gasket.

HALLE TS - SMOOTH OPTICS

OPEN OPTIC



GW 83 303

WIRED VERSIONS WITH P.F. CORRECTION

IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 303	250 W	ME/SE	E40	3 A	Aluminium	7.5	1
GW 83 306	400 W	ME/SE	E40	4.2 A	Aluminium	8.7	1
GW 83 307	400 W	ME*	E40	3.4 A	Aluminium	7.3	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass), as requested by the type of lamp fitted.



GW 83 509

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 83 509	150 W	E27	Aluminium	4.1	1
GW 83 510	400 W	E40	Aluminium	4.1	1

ACCESSORIES SUPPLIED: structural components: body and reflector; electrical components: lamp holder, terminal block.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

WITH GLASS



GW 83 331

WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 331	400 W	ME/SE	E40	4.2 A	Aluminium	11	1
GW 83 332	400 W	ME*	E40	3.4 A	Aluminium	9.6	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

COMPLEMENTARY ITEMS

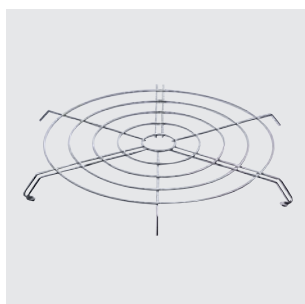


GW 83 531

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 531	IP65 kit glass		2.3	1

CHARACTERISTICS: GW83531: the kit includes glass, closing ring and gasket.



GW 84 814

PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE TS - PRISMATIZED OPTICS

WITH GLASS



GW 83 451

WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 83 451	150 W	ME - MC	E27	1.8 A	Aluminium	9	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

COMPLEMENTARY ITEMS

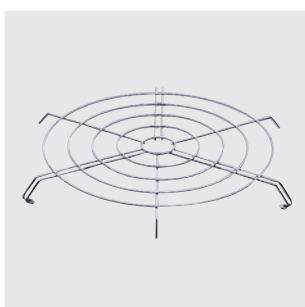


GW 83 531

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 531	IP65 kit glass		2.3	1

CHARACTERISTICS: GW83531: the kit includes glass, closing ring and gasket.



GW 84 814

PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HERCULES - SMOOTH OPTICS

OPEN OPTIC



GW 84 104 S

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 104 S	250 W	SE	E40	3 A	Graphite grey	7.3	1
GW 84 104 M	250 W	ME	E40	3 A	Graphite grey	7.3	1
GW 84 106 S	400 W	SE	E40	4.2 A	Graphite grey	8.7	1
GW 84 106 M	400 W	ME	E40	4.2 A	Graphite grey	8.7	1

* Lamp with striking voltage of 0.7 + 1kV.

Assembling the special kit (GW84982), it is possible to make the optical compartment IP44.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed



GW 84 121

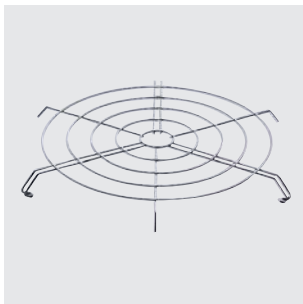
UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 121	400 W	E40	Graphite grey	4	1
GW 84 122	125 W	E27	Graphite grey	4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



GW 84 814

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 814	Protective wire guard	Ø 475 x h 50	0.5	5
GW 84 818	Cup closing trim		0.3	25

CHARACTERISTICS: GW84814 clip fixing on the device.

NOTES: GW84814 protective wire guard to be used in versions with open optics, or optics closed with glass.

KIT GW84982 consisting of tempered glass, gasket, closing ring and lampholder protection plate.

HERCULES - STRIPED OPTICS

OPEN OPTIC



GW 84 885 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 883 S	250 W	SE	E40	3 A	Grey RAL 7035	7.3	1
GW 84 883 M	250 W	ME	E40	3 A	Grey RAL 7035	7.3	1
GW 84 886 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	6.5	1
GW 84 885 M	400 W	ME	E40	4.2 A	Grey RAL 7035	8.7	1
GW 84 887 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	7.2	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

Assembling the special kit (GW84981 - GW84982 - GW84984), it is possible to make the optical compartment IP44.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass or bowl) as this is required by the type of lamp installed



GW 84 873

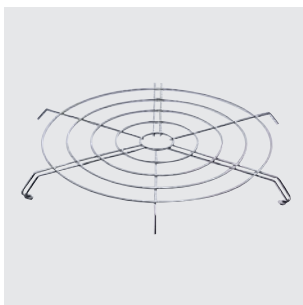
UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 873	400 W	E40	Grey RAL 7035	4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



GW 84 814

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	For lamps	Dimensions (mm)	Weight (kg)	Pack Carton
GW 84 981	IP44 kit with PC bowl	Max 250 W		1.6	1/4
GW 84 984	IP44 kit with PMMA bowl	Max 250 W		1.7	1/4
GW 84 819	PC Bowl	Max 250 W	Ø 470 x h 45	0.6	5
GW 84 814	Protective wire guard		Ø 475 x h 50	0.5	5
GW 84 818	Cup closing trim			0.3	25

CHARACTERISTICS: GW84814 clip fixing on the device.

NOTES: GW84814 protective wire guard to be used in versions with open optics, or optics closed with glass.

KIT consisting of glass/bowl, gasket, closing ring and lampholder protection plate.

On request

HERCULES - TRANSPARENT OPTICS

OPEN OPTIC



GW 85 894 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 85 894 M	250 W	ME	E40	3 A	Grey RAL 7035	9.1	1
GW 85 895 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	8.3	1
GW 85 897 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	9	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (bowl) as this is required by the type of lamp installed



GW 85 934

UNWIRED VERSIONS

Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 85 934	125 W	E27	Grey RAL 7035	5.8	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

COMPLEMENTARY ITEMS



GW 84 983

ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 83 537	Kit bowl PMMA		1.3	1

CHARACTERISTICS: GW83537: the kit includes PMMA bowl, closing ring and gasket.

ASTRID 60X60

DOWNLIGHT 60X60 - DIFFUSED OPTIC



GW S2 506

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 507	22 W	4000 K (CRI 80)	3100	White	3.1	1
GW S2 506	31 W	4000 K (CRI 80)	4250	White	3.1	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 516	31 W	4000 K (CRI 80)	4250	White	3.1	1

NOTE: device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

DOWNLIGHT 60X60 - DIFFUSED OPTIC, EMERGENCY VERSION



GW S2 526

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Luminous flux in emerg. [lm]	Colour	Weight (kg)	Pack Carton
Voltage: 230/240 V - 50 Hz							
GW S2 527	22 W	4000 K (CRI 80)	3100	420	White	3.1	1
GW S2 526	31 W	4000 K (CRI 80)	4250	420	White	3.1	1

NOTE: 3 hours autonomy.

Device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

DOWNLIGHT 60X60 - DARK LIGHT OPTIC



GW S2 566

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 566	28 W	4000 K (CRI 80)	3100	White	4.3	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 576	28 W	4000 K (CRI 80)	3100	White	4.3	1

NOTE: Device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.



GW S2 567

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 567	38 W	4000 K (CRI 80)	4100	White	5	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 577	38 W	4000 K (CRI 80)	4100	White	5	1

NOTE: Device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

DOWNLIGHT 60X60 - DARK LIGHT OPTIC (EMERGENCY VERSION)



GW S2 586

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Luminous flux in emerg. [lm]	Colour	Weight (kg)	Pack Carton
Voltage: 230/240 V - 50 Hz							
GW S2 586	28 W	4000 K (CRI 80)	3100	290	White	4.3	1

NOTE: 3 hours autonomy.

Device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.



GW S2 587

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 230/240 V - 50 Hz							
GW S2 587	38 W	4000 K (CRI 80)	4100	320	White	5	1

NOTE: 3 hours autonomy.

Device suitable for installations in modular suspended ceilings with load bearing structure 60x60.

Minimum support on the supporting structure: 10mm per side.

due to the continuous changes with the LED technologies, the technical data can undertake variations.

LUMINAIRE 60X60 - DIFFUSED OPTIC



GW S2 536

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 536	31 W	4000 K (CRI 80)	4250	White	3.5	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 546	31 W	4000 K (CRI 80)	4250	White	3.5	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

LUMINAIRE 60X60 - DIFFUSED OPTIC, EMERGENCY VERSION



GW S2 556

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 230/240 V - 50 Hz							
GW S2 556	31 W	4000 K (CRI 80)	4250	420	White	3.5	1

NOTES: autonomy 3h.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

LUMINAIRE 60X60 - DARK LIGHT OPTIC



GW S2 606

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 606	28 W	4000 K (CRI 80)	3100	White	4.7	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 616	28 W	4000 K (CRI 80)	3100	White	4.7	1

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

LUMINAIRE 60X60 - DARK LIGHT OPTIC, EMERGENCY VERSION



GW S2 626

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Luminous flux in emerg. [lm]	Colour	Weight (kg)	Pack Carton
Voltage: 230/240 V - 50 Hz							
GW S2 626	28 W	4000 K (CRI 80)	3100	290	White	5.4	1

NOTE: autonomy 3h.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

KONO

VARIABLE FOCUS OPTIC WITH GLASS



GW 84 805 M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 84 805 M	400 W	ME	E40	4.2 A	Grey RAL 7035	12.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ASTRID 30X120

RECESSED 30X120 - DIFFUSED OPTIC



GW S2 706

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 706	31 W	4000 K (CRI 80)	4250	White	4.1	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 716	31 W	4000 K (CRI 80)	4250	White	4.1	1

NOTES: device suitable for installations in modular suspended ceilings with load bearing structure 30x120. Due to the continuous changes with the LED technologies, the technical data can undertake variations.

RECESSED 30X120 - DARK LIGHT OPTIC



GW S2 736

WIRED VERSIONS WITH LED SOURCES - IP20 - CLASS I

Code	System power	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone						
GW S2 736	29 W	4000 K (CRI 80)	3200	White	4.1	1
Voltage: 220/240 V - 50/60 Hz - DALI						
GW S2 746	29 W	4000 K (CRI 80)	3200	White	4.1	1

NOTES: device suitable for installations in modular suspended ceilings with load bearing structure 30x120. Due to the continuous changes with the LED technologies, the technical data can undertake variations.

On request

STANDARD VERSIONS



GW 80 571

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I

Code	No. of lamps	Lamp power	Lamp type	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Pack Carton
Voltage: 230 V - 50 / 60 Hz								
GW 80 571	1	18 W	FSQ	G24d-2	Opal	Ø 290	1	1



GW 80 574

UNWIRED VERSIONS

Code	Max lamp power	Diffusor type	Dimensions (mm)	Weight (kg)	Pack Carton
GW 80 574	1x18 W	Opal	Ø 290	0.6	1

ACCESSORIES SUPPLIED: structural components: body and diffusor; electrical components: terminal block.

EMERGENCY VERSIONS



GW 80 585

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I

Code	No. of lamps	Lamp power	Lamp type	Lamp holder	Luminous flux in emerg. (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 80 585	1	26 W	FSQ	G24q-3	135	1.8	1

NOTE: NiCd batteries for high temperatures - 1h autonomy.

MANTA

MANTA 36 - STANDARD VERSION



GW 80 576

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I

Code	No. of lamps	Lamp power	Lamp type	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Pack Carton
Voltage: 230 V - 50 / 60 Hz								
GW 80 576	2	13 W	FSQ	G24d-1	Opal	Ø 360	1	1

NOTES: version prearranged for dual ignition 1 + 1.

MANTA 44 - STANDARD VERSIONS



GW 80 581

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz								
GW 80 581	3	13 W	FSQ	G24d-1	Opal	Ø 440	2.3	1

NOTES: version prearranged for dual ignition 2 + 1.

BOLLA/GUSCIO

BOLLA 200



GW 80 591

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz							
GW 80 591	1	13 W	FSQ	G24q-1	Grey RAL 7035	0.5	1/10

BOLLA 200 - LED VERSIONS



GW 81 001

WIRED VERSIONS WITH 1000 LUMEN LED LIGHT SOURCES - IP55 - CLASS II

Code	System power	Lamp supplied	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 81 001	15 W	LED	3000 K	650	Graphite grey	1	1/8
GW 81 002	15 W	LED	4000 K	700	Graphite grey	1	1/8

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

BOLLA 200 - LED VERSIONS - MOTION DETECTOR



GW 81 006

WIRED VERSIONS WITH 1000 LUMEN LED LIGHT SOURCES - IP55 - CLASS II

Code	System power	Lamp supplied	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 81 006	15 W	LED	3000 K	650	Graphite grey	1	1/8
GW 81 007	15 W	LED	4000 K	700	Graphite grey	1	1/8

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

On request

BOLLA 260



GW 80 592

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz							
GW 80 592	2	13 W	F5Q	G24q-1	Grey RAL 7035	1	1/4

BOLLA 260 - LED VERSIONS



GW 81 011

WIRED VERSIONS WITH 2000 LUMEN LED LIGHT SOURCES - IP55 - CLASS II

Code	System power	Lamp supplied	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz							
GW 81 011	25 W	LED	3000 K	1620	Graphite grey	1	1/6
GW 81 012	25 W	LED	4000 K	1760	Graphite grey	1	1/6

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

BOLLA 260 - LED VERSIONS - MOTION DETECTOR



GW 81 016

WIRED VERSIONS WITH 2000 LUMEN LED LIGHT SOURCES - IP55 - CLASS II

Code	System power	Lamp supplied	Colour temperature	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 81 016	25 W	LED	3000 K	1620	Graphite grey	1	1/6
GW 81 017	25 W	LED	4000 K	1760	Graphite grey	1	1/6

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

GUSCIO 250



GW 80 772

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 80 772	1	9 W	FSD	G23	Graphite grey	0.9	1/10
GW 80 604	1	9 W	FSD	G23	Grey RAL 7035	0.9	1/10



GW 80 644

WIRED VERSIONS - PHOTO-ELECTRIC CELL - IP55 - CLASS II

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
Voltage: 230 V - 50 Hz							
GW 80 644	1	9 W	FSD	G23	Grey RAL 7035	1	1/6

CHARACTERISTICS: photo-electric cell with adjustable tripping threshold (from 5 to 120 lux).

GUSCIO 320


GW 80 774

VERSIONS WITH LAMP-HOLDERS EDISON - IP55 - CLASS II

Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 80 774	100 W	IA/IB / FBT	E27	Graphite grey	0.9	1/6

NOTES: Max lamp length 210mm.

STARTEC NET
COMMAND AND CONTROL DEVICES


GW 81 379

STARTEC NEMO DIN FOR DIN RAIL MOUNTING

Code	Description	Display	No. manageable lamps	No. of modules EN 50022	Pack Carton
Voltage: 230 V - 50 / 60 Hz					
GW 81 379	Nemo DIN Plus	Q-Led	240	9	1

NOTE: for connections between the control unit and the lamp and from control unit to control unit, use a cable with double twisted and shielded wire for RS485 transmissions (we recommend CEAM CPR 6003 or BELDEN P/N 9841).

STARTEC UPS
UPS UNITS FOR EMERGENCY LIGHTING SYSTEMS


GW 81 378

LAMP SENSOR FOR CENTRALISED SYSTEMS, FOR THE FUNCTIONAL CHECK OF THE FLUORESCENT CONDUIT

Code	Sensor type	Suitable for	Power max.	Communication BUS	Dimensions (mm)	Weight (kg)	Pack Carton
GW 81 378	SFH 203P	Fluorescent tube	180 VA	BUS LonTalk	115x45x42	0.4	1

GENERAL NOTE: the centralised Startec NET system must be created with the Nemo DIN control unit; without it, the devices cannot operate.

NOTE: GW81378 is managed manually using the pulse contact. For a version managed with a maintained contact or for the MASTER version for the simultaneous management of the devices on the LON line contact SAT.

STARTEC KIT

KIT NET



GW 81 396

TRASFORMING KIT FROM CONVENTIONAL FLUORECENT DEVICE
TO BUS-LONTALK EMERGENCY DEVICE

Code	Lamp power	Accumulator type	Autonomy	Pack Carton
Voltage: 230 V - 50 / 60 Hz				
GW 81 396	58 W	Ni-Cd	1 h	1

NOTE: transformation kit for lamps with starter not integrated in the lamp base.
Refer to the specific table to check the suitability for the type of lamp.
GENERAL NOTE: The devices of the STARTEC NET range are designed to work with a centralised BUS LON-TALK system., so they must be initialised via the NEMO DIN PLUS control unit.

KIT BASIC



GW 81 292

TRANSFORMATION KIT FOR FLUORESCENT DEVICES WITH MAGNETIC OR ELECTRONIC POWER SUPPLY
IN EMERGENCY DEVICES

Code	Max lamp power	Accumulator type	Autonomy	Pack Carton
Voltage: 230 / 240 V - 50 / 60 Hz				
GW 81 291	58 W	Ni-Cd	1 h	1
GW 81 292	58 W	Ni-Cd	3 h	1

NOTE: transformation kit for lamps with starter not integrated in the base.
Refer to the specific table to check the suitability for the type of lamp.

SOURCES FOR LIGHTING DEVICES



GW 88 706

LAMPS - METAL HALIDES

Code	Lamp power	Lamp	Lamp current	Format	Luminous flux [lm]	CRI	Colour temperature	Pack Carton
Lamp holder: E40								
GW 88 704	250 W	ME*	2.2 A	Ellipse	18000	2B	4500 K	1
GW 88 706	250 W	MT*	2.2 A	Tubular	20500	2B	4500 K	1
GW 88 707	400 W	MT*	3.4 A	Tubular	32000	2B	4500 K	1
GW 88 711	400 W	MT	4.2 A	Tubular	35000	1A	5500 K	1

NOTES: GW88704, GW88705, GW88706, GW88707: lamps with striking voltage of 0.7 - 1KV.



GW 88 738

LAMPS - HIGH PRESSURE SODIUM

Code	Lamp power	Lamp	Lamp current	Format	Luminous flux [lm]	CRI	Colour temperature	Pack Carton
Lamp holder: E40								
GW 88 739	250 W	SE	3 A	Ellipse	31100	4	2000 K	1
GW 88 736	150 W	ST	1.8 A	Tubular	17500	4	2000 K	1
GW 88 738	400 W	ST	4.4 A	Tubular	56500	4	2000 K	1

NOTES: GW88741 with built-in ignitor.

Dimensions

Dimensions

ROAD 5 (MINI)



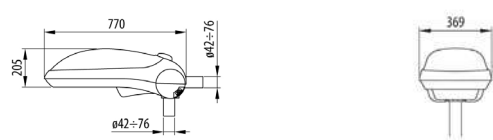
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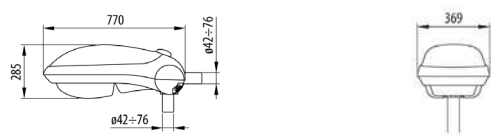
STREET 03



AVENUE 1 CUT-OFF



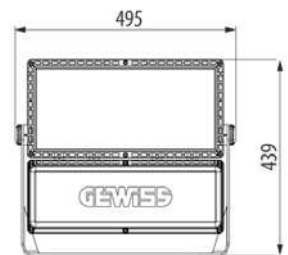
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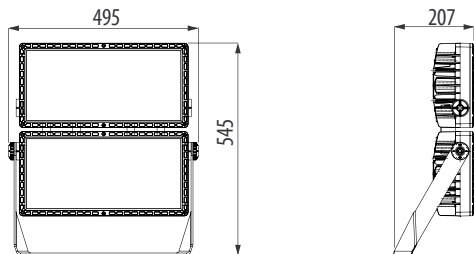
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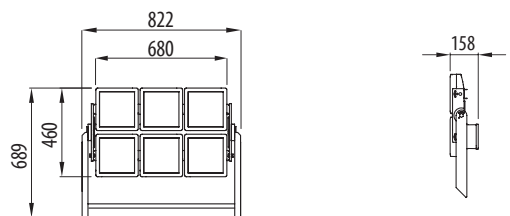
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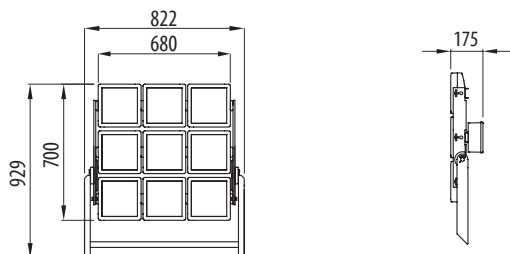
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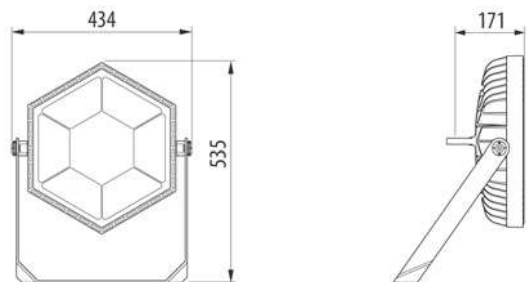
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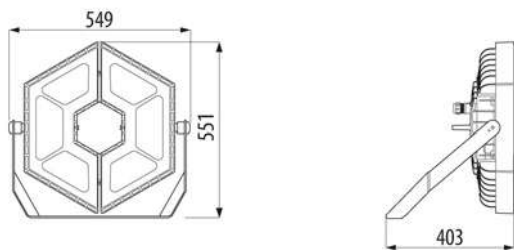
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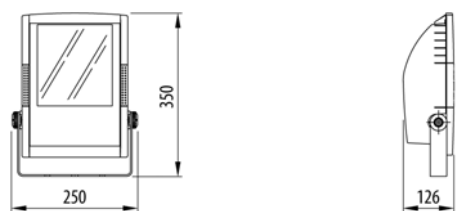
ESALITE FL 12K - 16K - 20K



ESALITE FL 24K

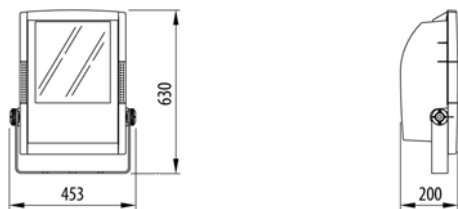


HORUS 1



Dimensions

HORUS 2



GENIUS 500W VERSIONS



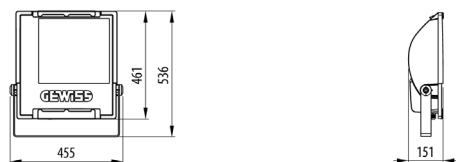
GENIUS 1000/1500W VERSIONS



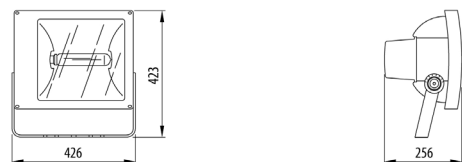
MERCURIO 1



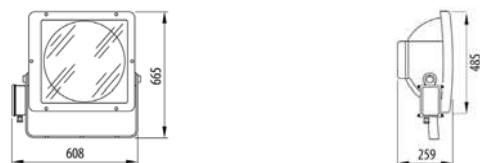
MERCURIO 2



TITANO 250W 400W VERSIONS



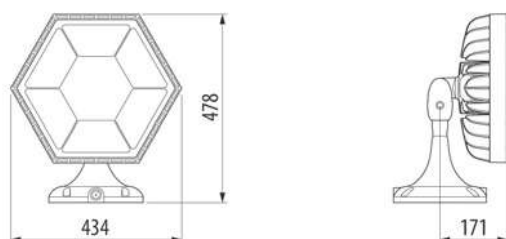
COLOSSEUM



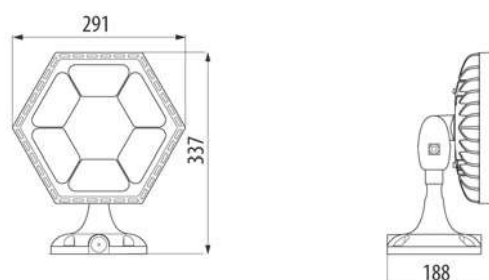
STADIUM



ESALITE PL 6K

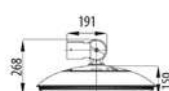


ESALITE PL12K - 16K - 20K



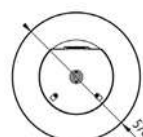
URBAN [O₃]

(SIDE COUPLING SYSTEMS FOR COMMERCIAL SIDE BRACKETS)



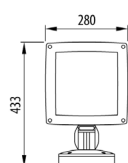
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(SYSTEMS FOR GEWISS SIDE BRACKETS)



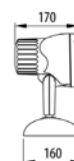
SATURNO LED

VERSIONS WITH BASE



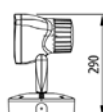
DEDALO LED

NARROW BEAM VERSIONS

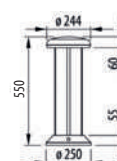


DEDALO LED

WIDE BEAM VERSIONS

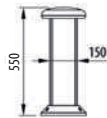
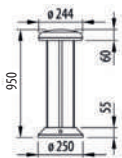


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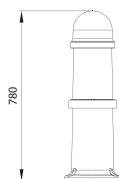
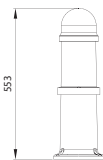
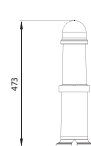


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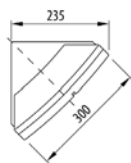
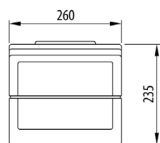
TRILIGHT



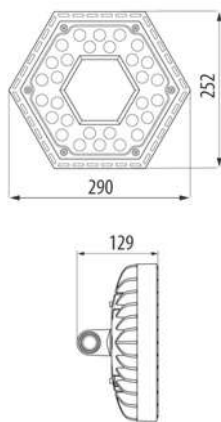
POINT



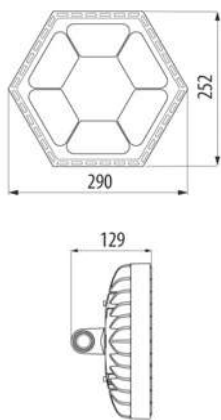
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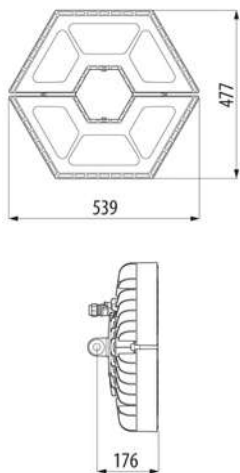
ESALITE HB 6K



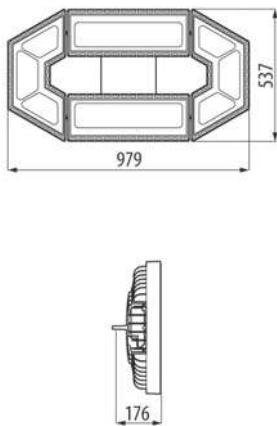
ESALITE HB 12K - 16K - 20K



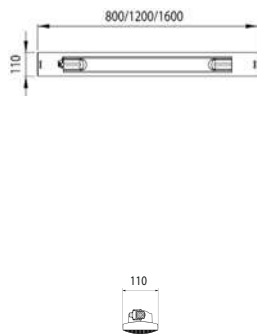
ESALITE HB 24K



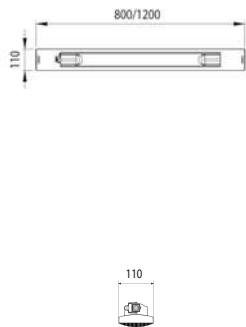
ESALITE HB 48K



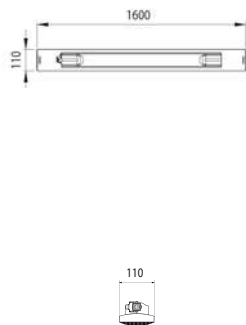
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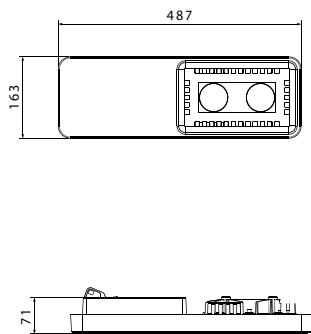
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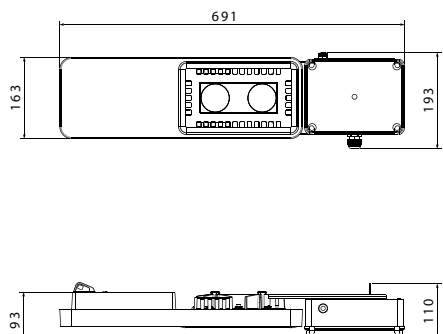
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**SMART[4]
LB 2.0 2L**

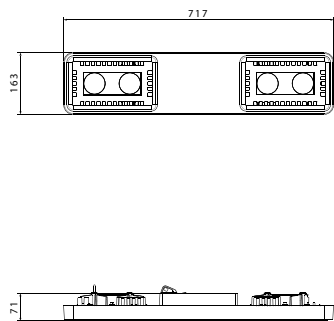


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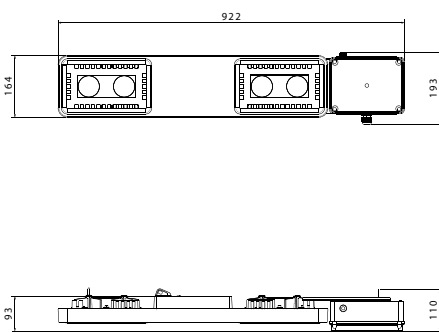


Dimensions

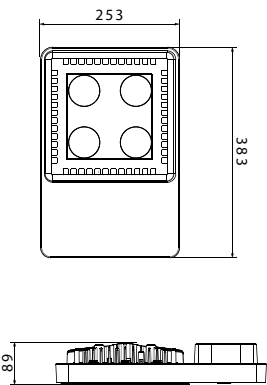
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LB 2.0 2+2L



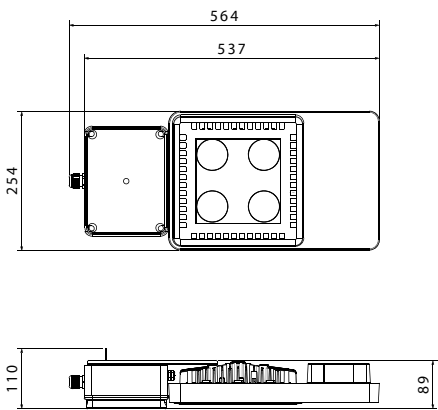
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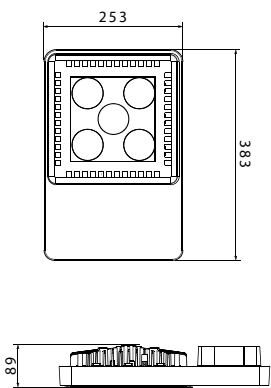
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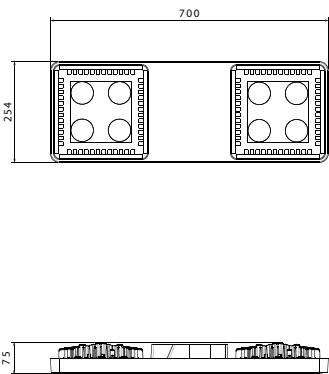
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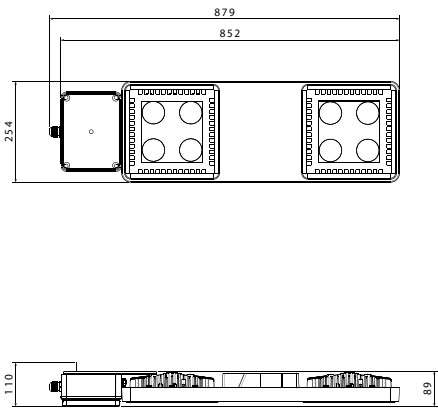
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LB 2.0 5L



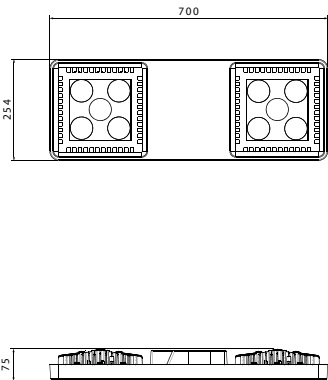
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LB 2.0 4+4L



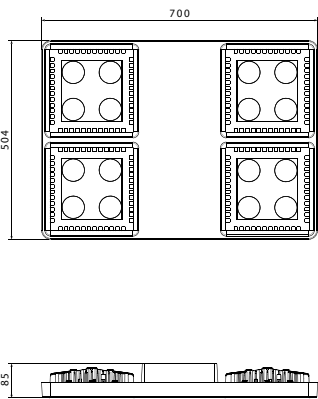
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LB 2.0 4+4L EMERGENCY VERSION



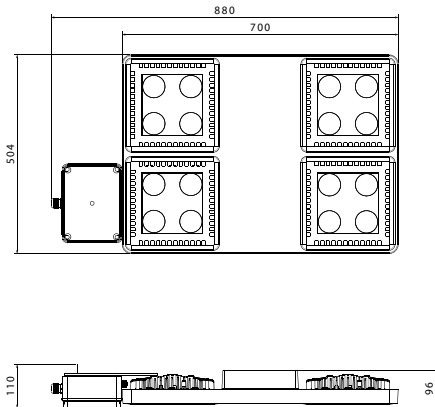
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LB 2.0 5+5L



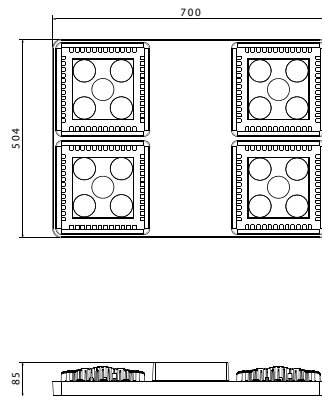
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LB 2.0 4X4L



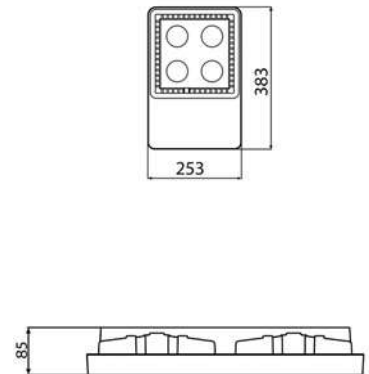
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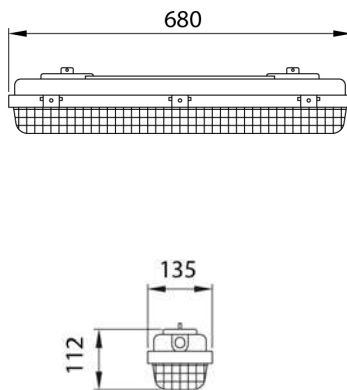
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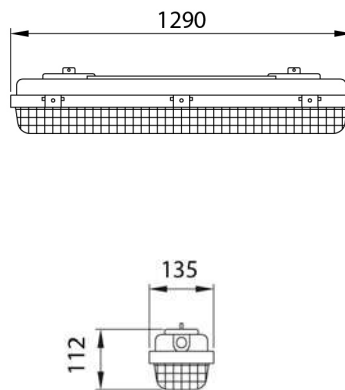
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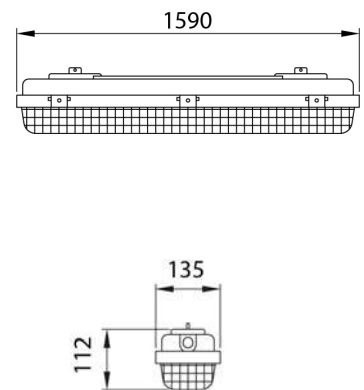
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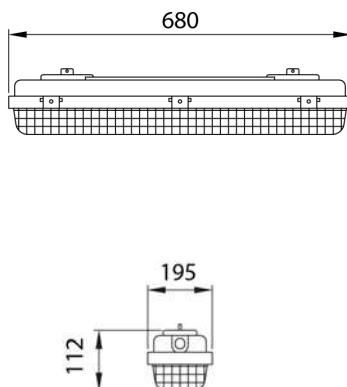
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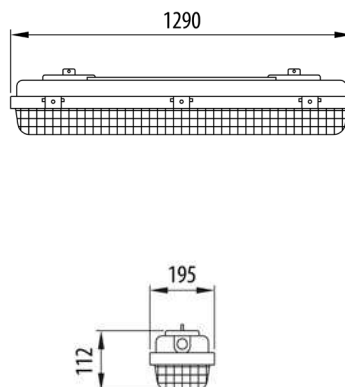
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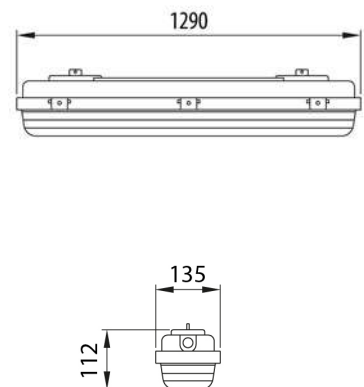
ZNT
2X18



ZNT
2X36



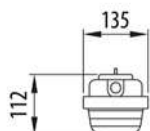
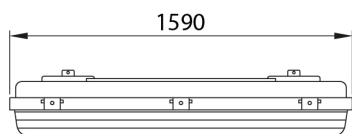
CLICK 21
1X36/2X36/1X28/2X28



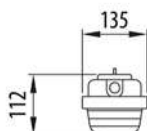
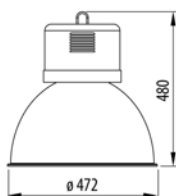
Dimensions

CLICK 21

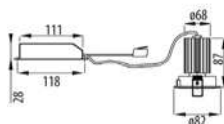
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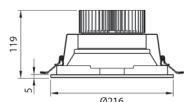
HERCULES



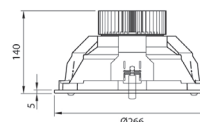
ASTRID 75



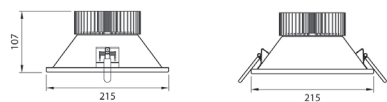
ASTRID ROUND Ø 200 mm



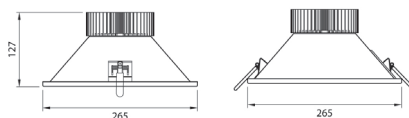
ASTRID ROUND Ø 250 mm



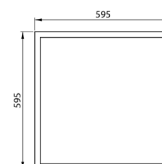
ASTRID SQUARE 200x200 mm



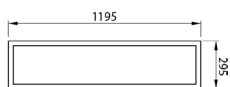
ASTRID SQUARE 250x250 mm



ASTRID FULL PANEL LED 60X60



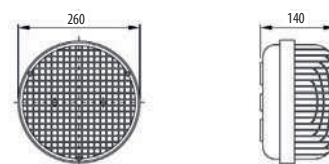
ASTRID FULL PANEL LED 30X120



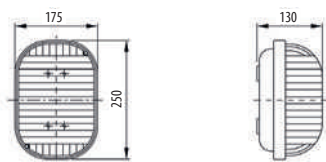
BOLLA 200



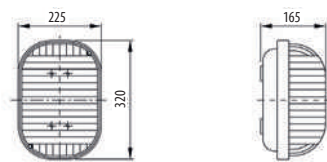
BOLLA 260



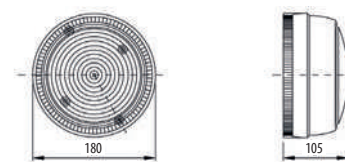
GUSCIO 250



GUSCIO 320

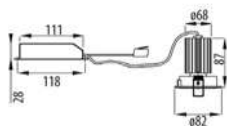
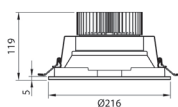
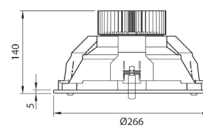
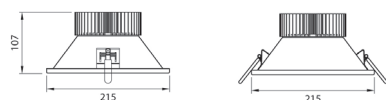
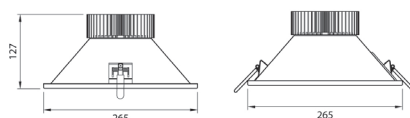
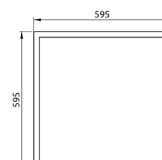
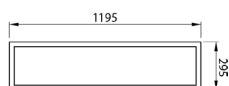
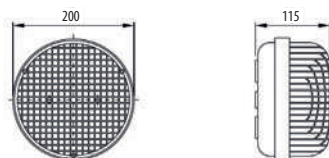
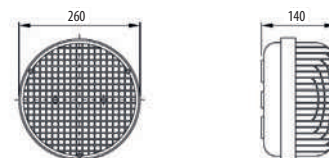
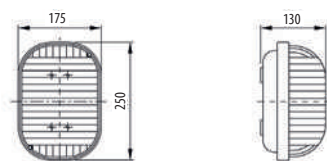
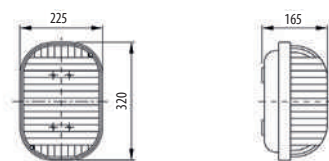


TONDA ES 180



TONDA ES 230



ASTRID 75

ASTRID ROUND Ø 200 mm

ASTRID ROUND Ø 250 mm

ASTRID SQUARE 200x200 mm

ASTRID SQUARE 250x250 mm

ASTRID FULL PANEL 60X60

ASTRID FULL PANEL 30X120

BOLLA 200

BOLLA 260

GUSCIO 250

GUSCIO 320

TONDA ES 180

TONDA ES 230


Quick Reference

Code	Quantity		Page
	Pack/carton	Pallet	
GW80			
GW 80 101	1/28	28	162
GW 80 102	1/28	28	239
GW 80 103	1/28	28	239
GW 80 104	1/20	20	162
GW 80 105	1/20	20	162
GW 80 106	1/20	20	239
GW 80 131	1/28	28	240
GW 80 133	1/28	28	240
GW 80 134	1/20	20	163
GW 80 135	1/20	20	163
GW 80 136	1/20	20	240
GW 80 141	1/28	28	162
GW 80 142	1/28	28	162
GW 80 143	1/28	28	238
GW 80 144	1/20	20	162
GW 80 145	1/20	20	162
GW 80 146	1/20	20	238
GW 80 162	1/28	28	238
GW 80 164	1/20	20	238
GW 80 165	1/20	20	238
GW 80 192 F	1/20	20	239
GW 80 193 F	1/28	28	239
GW 80 194 F	1/28	28	239
GW 80 195 F	1/20	20	239
GW 80 198	1/28	28	240
GW 80 361	1/28	28	239
GW 80 362	1/28	28	239
GW 80 364	1/28	28	239
GW 80 366	1/28	28	239
GW 80 543	30	600	240
GW 80 545	30	600	240
GW 80 546	30	600	240
GW 80 547	30	720	240
GW 80 548	30	840	240
GW 80 571	1	96	252
GW 80 574	1	36	252
GW 80 576	1	60	252
GW 80 581	1	44	253
GW 80 585	1	40	252
GW 80 591	1/10	40	253
GW 80 592	1/4	24	254
GW 80 601	1/10	200	187
GW 80 604	1/10	200	254
GW 80 610	1/6	96	188
GW 80 616	1/10	400	186
GW 80 622	1/4	144	186
GW 80 644	1/6	48	255
GW 80 646	1/10	80	187
GW 80 651	1/24	600	189
GW 80 652	1/14	280	189
GW 80 761	1/10	240	186
GW 80 763	1/4	120	186
GW 80 771	1/10	80	187
GW 80 772	1/10	80	254
GW 80 774	1/6	96	255

Code	Quantity		Page
	Pack/carton	Pallet	
GW 80 782	1/112	112	165
GW 80 783	1/112	112	165
GW 80 785	1/112	112	165
GW 80 786	1/112	112	165
GW 80 885	1/112	112	165
GW 80 982	1/56	56	166
GW 80 983	1/56	56	166
GW 80 985	1/28	28	166
GW 80 986	1/28	28	166
GW81			
GW 81 001	1/8	64	253
GW 81 002	1/8	80	253
GW 81 006	1/8	80	253
GW 81 007	1/8	80	253
GW 81 011	1/6	36	254
GW 81 012	1/6	36	254
GW 81 016	1/6	36	254
GW 81 017	1/6	36	254
GW 81 063	1/28	28	239
GW 81 064	1/20	20	163
GW 81 065	1/20	20	163
GW 81 066	1/20	20	239
GW 81 074	1/20	20	163
GW 81 075	1/20	20	239
GW 81 076	1/20	20	239
GW 81 291	1	432	256
GW 81 292	1	324	256
GW 81 378	1	312	255
GW 81 379	1	110	255
GW 81 396	1	60	256
GW82			
GW 82 011 B	1/2	24	108
GW 82 011 G	1/2	20	108
GW 82 016 B	1/2	10	108
GW 82 016 G	1/2	10	108
GW 82 018 B	1	0	108
GW 82 018 G	1	0	108
GW 82 046	1	0	108
GW 82 047	1	0	108
GW 82 082	1	0	226
GW 82 082 B	1	0	226
GW 82 083	1	12	226
GW 82 085	1	18	106
GW 82 085 B	1	18	106
GW 82 086	1	10	106
GW 82 088	1	4	106
GW 82 088 B	1	0	106
GW 82 089	1	4	106
GW 82 096	1	6	106
GW 82 202	1/2	72	227
GW 82 206	1/2	72	110
GW 82 214 S	1/2	72	227
GW 82 242	1/2	72	227
GW 82 246	1/2	24	111
GW 82 247	1/2	12	227

Code	Quantity		Page
	Pack/carton	Pallet	
GW 82 253	1/5	160	228
GW 82 255	1/6	144	228
GW 82 257	1/5	75	229
GW 82 259	1	35	228
GW 82 261	1	42	229
GW 82 263	1	55	228
GW 82 265	1	45	229
GW 82 267	1/4	40	229
GW 82 270	1/5	50	229
GW 82 273	1	42	228
GW 82 281 S	1/2	72	110
GW 82 286	1/2	72	111
GW 82 290	1/6	144	113
GW 82 291	1/5	160	113
GW 82 292	1	45	113
GW 82 292 B	1	45	113
GW 82 293	1	72	228
GW 82 294	1	54	228
GW 82 295	1	42	229
GW 82 296	1	72	229
GW 82 297	1/4	32	113
GW 82 297 B	1/4	32	113
GW 82 298	1/5	75	114
GW 82 299	1/5	40	114
GW 82 860	1	15	226
GW 82 862	1	48	226
GW 82 894	1/10	1260	226
GW83			
GW 83 003 M	1	16	241
GW 83 004 M	1	12	241
GW 83 006 M	1	12	241
GW 83 007 M	1	12	241
GW 83 028 M	1	12	241
GW 83 029 M	1	12	241
GW 83 031 M	1	16	241
GW 83 032 M	1	12	241
GW 83 132 M	1	12	242
GW 83 156 M	1	12	242
GW 83 303	1	12	244
GW 83 306	1	12	244
GW 83 307	1	12	244
GW 83 331	1	12	245
GW 83 332	1	12	245
GW 83 401	1	12	243
GW 83 406	1	12	243
GW 83 407	1	12	243
GW 83 451	1	12	245
GW 83 481	1	12	244
GW 83 501	1	12	241
GW 83 506	1	12	242
GW 83 509	1	12	244
GW 83 510	1	12	244
GW 83 518	1	12	243
GW 83 531	1	100	241
GW 83 531	1	100	245
GW 83 531	1	100	246

Code	Quantity		Page
	Pack/carton	Pallet	
GW 83 535	1	40	243
GW 83 537	1	100	244
GW 83 537	1	100	248
GW 83 566 M	1	12	243
GW 83 567 M	1	12	243
GW 83 732	1	24	240
GW84			
GW 84 011 M	1	50	63
GW 84 011 S	1	20	63
GW 84 012 S	1	20	63
GW 84 013 M	1	20	63
GW 84 014 M	1	50	63
GW 84 014 S	1	20	63
GW 84 015 M	1	20	207
GW 84 015 S	1	20	207
GW 84 016 S	1	20	207
GW 84 017 M	1	20	207
GW 84 018 M	1	50	207
GW 84 018 S	1	20	207
GW 84 031 M	1	50	63
GW 84 031 S	1	50	63
GW 84 032 M	1	50	63
GW 84 032 S	1	20	63
GW 84 033 M	1	20	208
GW 84 033 S	1	20	208
GW 84 034 M	1	50	208
GW 84 034 S	1	20	208
GW 84 041 M	1	20	64
GW 84 042 M	1	20	64
GW 84 043 M	1	20	208
GW 84 044 M	1	20	208
GW 84 051	1	20	209
GW 84 052	1	20	65
GW 84 053	1	20	65
GW 84 054	1	20	209
GW 84 055	1	10	209
GW 84 056	1	20	209
GW 84 057 S	1	20	209
GW 84 059	1	20	210
GW 84 071	1	40	65
GW 84 072	1/2	80	65
GW 84 073	1/5	90	65
GW 84 075	1/5	810	65
GW 84 076	1/5	60	65
GW 84 077	1	24	210
GW 84 078	1	144	210
GW 84 079	1	15	210
GW 84 080	1	7	210
GW 84 081	1	50	208
GW 84 082	1	20	208
GW 84 083	1	20	208
GW 84 084	1	20	208
GW 84 085	1	50	64
GW 84 086	1	20	208
GW 84 087	1	20	209
GW 84 088	1	20	209

Code	Quantity		Page
	Pack/carton	Pallet	
GW 84 089	1	20	209
GW 84 090	1	20	209
GW 84 091	1	20	209
GW 84 096	1	50	23
GW 84 097	1	50	23
GW 84 104 M	1	16	246
GW 84 104 S	1	16	246
GW 84 105 M	1	20	168
GW 84 106 M	1	20	246
GW 84 106 S	1	16	246
GW 84 107 M	1	24	168
GW 84 121	1	20	246
GW 84 122	1	16	246
GW 84 173	1	0	103
GW 84 173 B	1	16	103
GW 84 174	1	20	103
GW 84 174 B	1	20	103
GW 84 183	1	10	103
GW 84 184	1	20	103
GW 84 201	1/12	240	60
GW 84 202	1	64	60
GW 84 203	1	64	60
GW 84 204	1	50	60
GW 84 205	1	28	60
GW 84 213	1/5	360	61
GW 84 214	1/5	400	61
GW 84 215	1/12	240	60
GW 84 220	1	24	61
GW 84 221	1/5	400	61
GW 84 222	1/5	100	61
GW 84 223	1/5	800	61
GW 84 407	1/5	480	71
GW 84 408	1/5	100	71
GW 84 433	1	25	69
GW 84 434	1	25	70
GW 84 460 S	1	25	211
GW 84 461 M	1	25	69
GW 84 461 S	1	25	69
GW 84 464 M	1	25	69
GW 84 464 S	1	25	69
GW 84 465 M	1	42	69
GW 84 466 M	1	42	69
GW 84 467	1	10	212
GW 84 468	1	20	212
GW 84 491 M	1	25	70
GW 84 491 S	1	25	70
GW 84 494 M	1	25	70
GW 84 494 S	1	25	70
GW 84 495 M	1	25	70
GW 84 496 M	1	25	70
GW 84 497	1	10	212
GW 84 520 S	1	10	212
GW 84 522 S	1	10	212
GW 84 551 S	1	10	212
GW 84 552 M	1	10	212
GW 84 553 M	1	10	212

Code	Quantity		Page
	Pack/carton	Pallet	
GW 84 553 S	1	10	212
GW 84 554 M	1	10	212
GW 84 581 M	1	10	72
GW 84 581 S	1	25	72
GW 84 582 M	1	10	72
GW 84 583 M	1	25	72
GW 84 583 S	1	25	72
GW 84 584 M	1	25	72
GW 84 591 M	1	5	72
GW 84 591 S	1	10	72
GW 84 592 M	1	10	72
GW 84 593 M	1	10	213
GW 84 593 S	1	5	213
GW 84 594 M	1	10	72
GW 84 611	1	10	76
GW 84 616	1	30	76
GW 84 616	1	30	80
GW 84 618	1	12	213
GW 84 618	1	12	214
GW 84 618	1	12	215
GW 84 621	1	30	76
GW 84 621	1	30	80
GW 84 623	1	30	214
GW 84 623	1	30	215
GW 84 624	1	10	215
GW 84 626	1	10	214
GW 84 626	1	10	215
GW 84 627	1	10	76
GW 84 628	1	18	76
GW 84 629	1	18	76
GW 84 637	1	16	76
GW 84 637	1	16	80
GW 84 638	1	16	76
GW 84 639	1	16	76
GW 84 639	1	16	80
GW 84 644	1	16	74
GW 84 646	1	16	74
GW 84 647	1	16	74
GW 84 648	1	16	74
GW 84 649	1	16	74
GW 84 656	1	16	76
GW 84 657	1	16	76
GW 84 658	1	16	213
GW 84 659	1	16	213
GW 84 660	1	16	213
GW 84 662	1	8	79
GW 84 663	1	8	79
GW 84 667	1	8	79
GW 84 668	1	8	79
GW 84 673	1	8	215
GW 84 693	1	16	74
GW 84 695	1	16	75
GW 84 744	1	16	75
GW 84 747	1	16	75
GW 84 748	1	16	75
GW 84 749	1	16	75

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Code	Quantity		Page
	Pack/carton	Pallet	
GW 84 754	1	16	76
GW 84 755	1	16	76
GW 84 756	1	16	76
GW 84 757	1	16	76
GW 84 759	1	16	213
GW 84 760	1	16	213
GW 84 771	1	16	214
GW 84 781	1	8	214
GW 84 783	1	36	71
GW 84 783	1	36	77
GW 84 783	1	36	80
GW 84 784	1	0	71
GW 84 784	1	0	77
GW 84 784	1	0	80
GW 84 805 M	1	12	251
GW 84 814	5	100	242
GW 84 814	5	100	245
GW 84 814	5	100	246
GW 84 814	5	100	247
GW 84 814	5	100	247
GW 84 818	25	500	247
GW 84 818	25	500	247
GW 84 819	5	300	247
GW 84 820	1	41	168
GW 84 873	1	16	247
GW 84 883 M	1	16	247
GW 84 883 S	1	16	247
GW 84 885 M	1	16	247
GW 84 886 M	1	16	247
GW 84 887 M	1	16	247
GW 84 981	1/4	128	247
GW 84 982	1/5	120	168
GW 84 984	1/4	72	247

GW85

GW 85 001 M	1	54	204
GW 85 001 S	1	24	204
GW 85 002 M	1	54	53
GW 85 002 S	1	24	53
GW 85 004 M	1	24	204
GW 85 005 S	1	24	204
GW 85 031 M	1	54	205
GW 85 031 S	1	24	205
GW 85 032 S	1	24	205
GW 85 033 M	1	54	54
GW 85 033 S	1	24	54
GW 85 051 M	1	24	205
GW 85 051 S	1	24	205
GW 85 052 M	1	24	205
GW 85 066	1	54	204
GW 85 071	1/5	60	205
GW 85 072	1/5	80	205
GW 85 073	1/5	60	205
GW 85 074	1/2	40	205
GW 85 075	1/2	60	205
GW 85 080	1	24	216
GW 85 081	1	33	216

Code	Quantity		Page
	Pack/carton	Pallet	
GW 85 085	1	24	216
GW 85 086	1	72	216
GW 85 088	1	15	216
GW 85 091	1	54	53
GW 85 092	1	54	204
GW 85 093	1	54	54
GW 85 094	1	54	205
GW 85 095	1	24	55
GW 85 101 M	1	28	56
GW 85 101 S	1	28	56
GW 85 102 M	1	32	56
GW 85 104 M	1	28	56
GW 85 104 S	1	28	56
GW 85 105 M	1	32	56
GW 85 131 M	1	28	57
GW 85 131 S	1	28	57
GW 85 132 M	1	28	57
GW 85 133 M	1	28	57
GW 85 133 S	1	28	57
GW 85 134 M	1	28	57
GW 85 181	1/5	30	58
GW 85 182	1/4	24	58
GW 85 184	1/2	32	58
GW 85 185	1/2	24	58
GW 85 186	1	64	216
GW 85 187	1	60	216
GW 85 188	1	32	216
GW 85 191	1	28	56
GW 85 192	1	28	57
GW 85 201 M	1	6	206
GW 85 201 S	1	6	206
GW 85 202 M	1	6	206
GW 85 203 M	1	24	206
GW 85 203 S	1	6	206
GW 85 204 M	1	6	206
GW 85 221 M	1	28	206
GW 85 221 S	1	28	206
GW 85 222 M	1	28	206
GW 85 223 M	1	6	206
GW 85 223 S	1	28	206
GW 85 224 M	1	28	206
GW 85 241 S	1	28	207
GW 85 242 M	1	28	207
GW 85 242 S	1	6	207
GW 85 291	1	28	206
GW 85 292	1	28	206
GW 85 293	1	28	207
GW 85 301 M	1	80	52
GW 85 301 S	1	32	52
GW 85 302 M	1	80	203
GW 85 302 S	1	32	203
GW 85 371	1/2	140	203
GW 85 376	1/2	100	203
GW 85 377	1/2	100	203
GW 85 378	1/2	100	203
GW 85 379	1/2	100	203

Code	Quantity		Page
	Pack/carton	Pallet	
GW 85 391	1	80	52
GW 85 393	1	80	203
GW 85 401 M	1	24	66
GW 85 401 S	1	24	66
GW 85 402 M	1	24	66
GW 85 403 M	1	28	66
GW 85 403 S	1	24	66
GW 85 404 M	1	24	66
GW 85 421 M	1	24	66
GW 85 421 S	1	24	66
GW 85 422 M	1	24	66
GW 85 423 M	1	24	66
GW 85 423 S	1	24	66
GW 85 424 M	1	24	66
GW 85 452 M	1	24	211
GW 85 481	1/5	30	67
GW 85 482	1/5	180	67
GW 85 483	1/4	140	67
GW 85 484	1/4	120	211
GW 85 485	1/4	140	211
GW 85 491	1	32	211
GW 85 646	1	10	223
GW 85 646 B	1	10	101
GW 85 661	1	10	222
GW 85 661 B	1	10	101
GW 85 662	1	10	222
GW 85 662 B	1	0	101
GW 85 663	1	10	222
GW 85 663 B	1	10	101
GW 85 666	1	10	222
GW 85 667	1	10	222
GW 85 668	1	10	222
GW 85 681	1	144	225
GW 85 682	1/5	50	225
GW 85 683	1/5	100	225
GW 85 685	1/2	30	225
GW 85 686	1	96	225
GW 85 691	1	195	198
GW 85 691	1	195	199
GW 85 692	1	120	198
GW 85 692	1	120	200
GW 85 693	1	203	222
GW 85 894 M	1	12	248
GW 85 895 M	1	12	248
GW 85 897 M	1	12	248
GW 85 934	1	16	248

GW86

GW 86 166	1	70	31
GW 86 167	1	28	23
GW 86 242	1	144	31
GW 86 243	1	40	31
GW 86 244	1	15	31
GW 86 522	1/4	200	222
GW 86 522	1/4	200	224
GW 86 523	1/4	96	221
GW 86 523	1/4	96	224

Code	Quantity		Page
	Pack/carton	Pallet	
GW 86 524	1	110	221
GW 86 524	1	110	224
GW 86 526	1	18	221
GW 86 526	1	18	224
GW 86 527	1	16	220
GW 86 527	1	16	223
GW 86 528	1	16	220
GW 86 528	1	16	223
GW 86 529	1	12	220
GW 86 529	1	12	223
GW 86 530	1	16	220
GW 86 530	1	16	223
GW 86 531	1	16	220
GW 86 531	1	16	223
GW 86 533	1	10	221
GW 86 533	1	10	223
GW87			
GW 87 003	1	15	26
GW 87 004	1	15	26
GW 87 005	1	15	26
GW 87 006	1	18	26
GW 87 007	1	15	26
GW 87 010	1	15	27
GW 87 022	1	15	28
GW 87 023	1	15	28
GW 87 024	1	15	28
GW 87 041	1	15	27
GW 87 042	1	15	27
GW 87 107	1	10	193
GW 87 109	1	10	193
GW 87 142	1	10	193
GW 87 203	1	12	29
GW 87 204	1	12	29
GW 87 205	1	12	29
GW 87 206	1	12	29
GW 87 209	1/5	120	29
GW 87 211	1/5	60	29
GW 87 213	1	12	29
GW 87 214	1	12	29
GW 87 215	1	12	29
GW 87 227	1	18	194
GW 87 229	1	12	194
GW 87 230	1	80	194
GW 87 232	1/5	50	194
GW 87 243	1	0	195
GW 87 244	1	28	195
GW 87 245	1	0	195
GW 87 246	1	0	195
GW 87 249	1/5	160	196
GW 87 251	1/5	0	196
GW 87 253	1	24	196
GW 87 254	1	0	196
GW 87 255	1	24	196
GW 87 303	1	15	194
GW 87 304	1	15	194
GW 87 305	1	15	194

Code	Quantity		Page
	Pack/carton	Pallet	
GW 87 306	1	15	194
GW 87 307	1	15	195
GW 87 308	1	15	194
GW 87 309	1	15	194
GW 87 310	1	15	194
GW 87 311	1	15	194
GW 87 322	1	15	195
GW 87 323	1	15	195
GW 87 324	1	15	195
GW 87 341	1	15	195
GW 87 342	1	15	195
GW 87 343	1	0	195
GW 87 410	1	14	20
GW 87 411	1	14	20
GW 87 412	1	14	20
GW 87 413	1	14	20
GW 87 414	1	14	20
GW 87 430	1	14	21
GW 87 431	1	14	21
GW 87 432	1	14	21
GW 87 433	1	14	21
GW 87 434	1	14	21
GW 87 450	1	14	22
GW 87 451	1	14	22
GW 87 452	1	14	22
GW 87 453	1	14	22
GW 87 454	1	14	192
GW 87 530	1	14	21
GW 87 531	1	14	21
GW 87 532	1	14	21
GW 87 533	1	14	21
GW 87 534	1	14	21
GW 87 571	1	14	192
GW 87 581	1	40	23
GW 87 582	1	20	23
GW 87 586	1	50	23
GW 87 587	1	30	23
GW 87 591	1	30	23
GW 87 591	1	30	99
GW 87 592	1	30	23
GW 87 592	1	30	99
GW 87 593	1	50	23
GW 87 593	1	50	99
GW 87 601	1	10	216
GW 87 602	1	4	216
GW 87 603	1	4	216
GW 87 606	1	10	216
GW 87 607	1	10	95
GW 87 608	1	10	95
GW 87 621	1	4	216
GW 87 622	1	10	216
GW 87 623	1	0	216
GW 87 626	1	10	216
GW 87 627	1	0	95
GW 87 628	1	4	95
GW 87 691	1	30	99

Code	Quantity		Page
	Pack/carton	Pallet	
GW 87 691 B	1	0	99
GW 87 692	1	50	99
GW 87 692 B	1	0	99
GW 87 807	1	4	218
GW 87 808	1	4	218
GW 87 881	1	50	97
GW 87 882	1	50	97
GW 87 883	1	56	97
GW 87 884	1	0	217
GW 87 885	1	50	218
GW 87 901	1	4	219
GW 87 902	1	8	219
GW 87 903	1	4	219
GW 87 906	1	10	219
GW 87 907	1	10	219
GW 87 908	1	10	219
GW 87 921	1	4	219
GW 87 922	1	10	219
GW 87 923	1	10	219
GW 87 926	1	0	219
GW 87 927	1	0	219
GW 87 928	1	4	219
GW 87 981	1	6	220
GW 87 987 B	1	0	99

GW88			
GW 88 202	1/5	360	61
GW 88 203	1/5	480	61
GW 88 223	1/5	480	61
GW 88 260	1/5	200	71
GW 88 261	1/2	76	77
GW 88 262	1/2	40	80
GW 88 272	1/5	480	114
GW 88 281	1/5	1560	104
GW 88 284	1/5	200	71
GW 88 285	1/2	88	77
GW 88 291	1	56	55
GW 88 292	1	144	204
GW 88 293	1	36	58
GW 88 294	1	20	207
GW 88 704	1	480	256
GW 88 706	1	70	256
GW 88 707	1	1540	256
GW 88 711	1	40	256
GW 88 736	1	56	256
GW 88 738	1	40	256
GW 88 739	1	100	256

GW90			
GW 90 872 A	1/4	168	175
GW 90 872 A	1/4	168	178

GWL1			
GW L1 901	1	1560	143
GW L1 901	1	1560	144
GW L1 901	1	1560	146
GW L1 901	1	1560	147

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Code	Quantity		Page
	Pack/carton	Pallet	
GW L1 901	1	1560	149
GW L1 901	1	1560	150
GW L1 901	1	1560	151
GW L1 901	1	1560	158
GW L1 901	1	1560	159
GW L1 901	1	1560	160
GW L1 906	1	285	143
GW L1 906	1	285	144
GW L1 907	1	150	198
GW L1 907	1	150	200
GW L1 907	1	150	201
GW L1 907	1	150	232
GW L1 907	1	150	232
GW L1 907	1	150	233
GW L1 907	1	150	233
GW L1 907	1	150	234
GW L1 907	1	150	235
GW L1 907	1	150	235
GW L1 907	1	150	236
GW L1 907	1	150	236
GW L1 907	1	150	237
GW L1 907	1	150	237
GW L1 907	1	150	238
GW L1 908	1	87	198
GW L1 908	1	87	199
GW L1 921	1	96	143
GW L1 922	1	72	144
GW L1 923	1	112	146
GW L1 923	1	112	147
GW L1 923	1	112	158
GW L1 924	1	72	149
GW L1 924	1	72	150
GW L1 924	1	72	159
GW L1 924	1	72	160
GW L1 925	1	48	151
GW L1 926	1	192	146
GW L1 926	1	192	147
GW L1 926	1	192	158
GW L1 927	1	112	149
GW L1 927	1	112	150
GW L1 927	1	112	159
GW L1 927	1	112	160
GW L1 928	1	48	151
GW L1 930	1	66	149
GW L1 930	1	66	150
GW L1 930	1	66	159
GW L1 930	1	66	160
GW L1 933	1	15	200
GWP1			
GW P1 161 HE	1	0	201
GW P1 161 HL	1	4	202
GW P1 162 HE	1	14	201
GW P1 162 HL	1	0	202
GW P1 163 HE	1	0	201
GW P1 163 HL	1	0	202
GW P1 164 HE	1	0	201

Code	Quantity		Page
	Pack/carton	Pallet	
GW P1 164 HL	1	0	202
GW P1 165 HE	1	0	201
GW P1 165 HL	1	0	202
GW P1 166 HE	1	0	201
GW P1 166 HL	1	0	202
GW P1 167 HE	1	0	201
GW P1 167 HL	1	0	202
GW P1 168 HE	1	0	201
GW P1 168 HL	1	0	202
GW P1 191 HE	1	0	201
GW P1 191 HL	1	0	202
GW P1 192 HE	1	0	201
GW P1 192 HL	1	0	202
GW P1 193 HE	1	0	201
GW P1 193 HL	1	0	202
GW P1 194 HE	1	0	201
GW P1 194 HL	1	0	202
GW P1 195 HE	1	4	42
GW P1 195 HL	1	0	202
GW P1 196 HE	1	0	201
GW P1 196 HL	1	0	202
GW P1 197 HE	1	0	201
GW P1 197 HL	1	0	202
GW P1 198 HE	1	0	201
GW P1 198 HL	1	0	202
GW P1 261 HE	1	0	201
GW P1 261 HL	1	0	202
GW P1 262 HE	1	0	201
GW P1 262 HL	1	0	202
GW P1 263 HE	1	0	201
GW P1 263 HL	1	0	202
GW P1 264 HE	1	0	201
GW P1 264 HL	1	0	202
GW P1 265 HE	1	0	201
GW P1 265 HL	1	4	202
GW P1 266 HE	1	0	201
GW P1 266 HL	1	0	202
GW P1 267 HE	1	0	201
GW P1 267 HL	1	0	202
GW P1 268 HE	1	0	201
GW P1 268 HL	1	4	202
GW P1 291 HE	1	0	201
GW P1 291 HL	1	4	43
GW P1 292 HE	1	4	42
GW P1 292 HL	1	4	43
GW P1 293 HE	1	0	201
GW P1 293 HL	1	4	202
GW P1 294 HE	1	0	201
GW P1 294 HL	1	4	43
GW P1 295 HE	1	0	201
GW P1 295 HL	1	4	43
GW P1 296 HE	1	0	201
GW P1 296 HL	1	0	202
GW P1 297 HE	1	0	201
GW P1 297 HL	1	0	202
GW P1 298 HE	1	0	201

Code	Quantity		Page
	Pack/carton	Pallet	
GW P1 298 HL	1	4	202
GW P1 901 HE	1	12	202
GW P1 902 HE	1	15	42
GW P1 903 HE	1	15	42
GW P1 911 HL	1	32	203
GW P1 912 HL	1	15	43
GW P1 913 HL	1	18	43
GWP2			
GW P2 173 AD	1	0	35
GW P2 173 AS	1	80	34
GW P2 173 BD	1	0	35
GW P2 173 BS	1	80	34
GW P2 173 CD	1	0	35
GW P2 173 CS	1	80	34
GW P2 173 FD	1	0	35
GW P2 173 FS	1	64	34
GW P2 173 GD	1	0	35
GW P2 173 GS	1	80	34
GW P2 173 HD	1	0	35
GW P2 173 HS	1	0	34
GW P2 173 LD	1	0	35
GW P2 173 LS	1	0	34
GW P2 173 MD	1	0	35
GW P2 173 MS	1	64	34
GW P2 174 AD	1	64	35
GW P2 174 AS	1	64	34
GW P2 174 BD	1	0	35
GW P2 174 BS	1	80	34
GW P2 174 CD	1	64	35
GW P2 174 CS	1	64	34
GW P2 174 FD	1	0	35
GW P2 174 FS	1	36	34
GW P2 174 GD	1	0	35
GW P2 174 GS	1	0	34
GW P2 174 HD	1	0	35
GW P2 174 HS	1	0	34
GW P2 174 LD	1	0	35
GW P2 174 LS	1	80	34
GW P2 174 MD	1	0	35
GW P2 174 MS	1	55	34
GW P2 175 AD	1	0	35
GW P2 175 AS	1	80	34
GW P2 175 BD	1	0	35
GW P2 175 BS	1	32	34
GW P2 175 CD	1	0	35
GW P2 175 CS	1	32	34
GW P2 175 FD	1	0	35
GW P2 175 FS	1	64	34
GW P2 175 GD	1	0	35
GW P2 175 GS	1	64	34
GW P2 175 HD	1	0	35
GW P2 175 HS	1	0	34
GW P2 175 LD	1	0	35
GW P2 175 LS	1	0	34
GW P2 175 MD	1	0	35
GW P2 175 MS	1	0	34

Code	Quantity		Page
	Pack/carton	Pallet	
GW P2 184 AD	1	64	35
GW P2 184 BD	1	0	35
GW P2 184 CD	1	64	35
GW P2 184 FD	1	0	35
GW P2 184 GD	1	0	35
GW P2 184 HD	1	0	35
GW P2 184 LD	1	64	35
GW P2 184 MD	1	0	35
GW P2 273 AD	1	0	37
GW P2 273 AS	1	16	36
GW P2 273 BD	1	0	37
GW P2 273 BS	1	16	36
GW P2 273 CD	1	16	37
GW P2 273 CS	1	16	36
GW P2 273 FD	1	0	37
GW P2 273 FS	1	0	36
GW P2 273 GD	1	0	37
GW P2 273 GS	1	16	36
GW P2 273 HD	1	0	37
GW P2 273 HS	1	0	36
GW P2 273 LD	1	0	37
GW P2 273 LS	1	0	36
GW P2 273 MD	1	0	37
GW P2 273 MS	1	0	36
GW P2 274 AD	1	0	37
GW P2 274 AS	1	16	36
GW P2 274 BD	1	0	37
GW P2 274 BS	1	16	36
GW P2 274 CD	1	16	37
GW P2 274 CS	1	16	36
GW P2 274 FD	1	0	37
GW P2 274 FS	1	16	36
GW P2 274 GD	1	0	37
GW P2 274 GS	1	16	36
GW P2 274 HD	1	0	37
GW P2 274 HS	1	16	36
GW P2 274 LD	1	0	37
GW P2 274 LS	1	0	36
GW P2 274 MD	1	0	37
GW P2 274 MS	1	16	36
GW P2 275 AD	1	0	37
GW P2 275 AS	1	16	36
GW P2 275 BD	1	0	37
GW P2 275 BS	1	16	36
GW P2 275 CD	1	0	37
GW P2 275 CS	1	32	36
GW P2 275 FD	1	16	37
GW P2 275 FS	1	16	36
GW P2 275 GD	1	0	37
GW P2 275 GS	1	16	36
GW P2 275 HD	1	0	37
GW P2 275 HS	1	0	36
GW P2 275 LD	1	0	37
GW P2 275 LS	1	16	36
GW P2 275 MD	1	0	37
GW P2 275 MS	1	32	36

Code	Quantity		Page
	Pack/carton	Pallet	
GW P2 284 AD	1	0	37
GW P2 284 BD	1	0	37
GW P2 284 CD	1	16	37
GW P2 284 FD	1	0	37
GW P2 284 GD	1	0	37
GW P2 284 HD	1	0	37
GW P2 284 LD	1	0	37
GW P2 284 MD	1	0	37
GW P2 473 AS	1	0	38
GW P2 473 BS	1	0	38
GW P2 473 CS	1	16	38
GW P2 473 FS	1	0	38
GW P2 473 GS	1	0	38
GW P2 473 HS	1	0	38
GW P2 473 LS	1	0	38
GW P2 473 MS	1	0	38
GW P2 474 AS	1	16	38
GW P2 474 BS	1	16	38
GW P2 474 CS	1	16	38
GW P2 474 FS	1	0	38
GW P2 474 GS	1	16	38
GW P2 474 HS	1	0	38
GW P2 474 LS	1	0	38
GW P2 474 MS	1	16	38
GW P2 475 AS	1	16	38
GW P2 475 BS	1	0	38
GW P2 475 CS	1	16	38
GW P2 475 FS	1	16	38
GW P2 475 GS	1	0	38
GW P2 475 HS	1	0	38
GW P2 475 LS	1	16	38
GW P2 475 MS	1	0	38
GW P2 901	1	64	38
GW P2 904	1	0	39
GW P2 905	1/4	0	39

GWR5			
GW R5 111	1	42	15
GW R5 111 B	1	42	15
GW R5 112	1	42	15
GW R5 112 B	1	42	15
GW R5 113	1	42	16
GW R5 113 B	1	42	16
GW R5 114	1	42	16
GW R5 115	1	42	16
GW R5 115 B	1	36	16
GW R5 116	1	36	16
GW R5 131	1	42	15
GW R5 171	1	42	15
GW R5 173	1	42	16
GW R5 191	1/10	400	17
GW R5 211	1	42	14
GW R5 211 B	1	42	14
GW R5 211 M	1	42	14
GW R5 212	1	42	14
GW R5 212 B	1	42	14
GW R5 212 M	1	42	14

Code	Quantity		Page
	Pack/carton	Pallet	
GW R5 213	1	42	16
GW R5 213 B	1	42	16
GW R5 213 M	1	42	16
GW R5 214	1	42	16
GW R5 215	1	42	16
GW R5 216	1	42	16
GW R5 231	1	42	14
GW R5 271	1	42	14
GW R5 272	1	42	14
GW R5 272 B	1	42	14
GW R5 273	1	42	16
GW R5 274	1	42	16
GW R5 275	1	42	16
GW R5 276	1	42	16
GW R5 371 M	1	42	15
GW R5 612	1	42	12
GW R5 614	1	42	14
GW R5 616	1	42	14
GW R5 672	1	42	12
GW R5 676	1	42	14
GW R5 711	1	42	12
GW R5 712	1	42	12
GW R5 713	1	42	13
GW R5 714	1	42	13
GW R5 715	1	42	13
GW R5 716	1	42	13
GW R5 772	1	42	12
GW R5 774	1	42	13
GW R5 775	1	42	13
GW R5 775 B	1	42	13
GW R5 871 M	1	42	13

GWS2			
GW S2 201	1	60	174
GW S2 206	1	108	174
GW S2 207	1	32	174
GW S2 231	1	60	177
GW S2 232	1	32	177
GW S2 236	1	108	177
GW S2 237	1	32	177
GW S2 401	1/2	24	112
GW S2 401 B	1/2	20	112
GW S2 402	1/2	72	112
GW S2 402 B	1/2	32	112
GW S2 406	1/2	24	112
GW S2 506	1	58	248
GW S2 507	1	0	248
GW S2 516	1	58	248
GW S2 526	1	40	249
GW S2 527	1	40	249
GW S2 536	1	40	250
GW S2 546	1	18	250
GW S2 556	1	16	250
GW S2 566	1	40	249
GW S2 567	1	16	249
GW S2 576	1	16	249
GW S2 577	1	16	249

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Code	Quantity		Page
	Pack/carton	Pallet	
GW S2 586	1	16	249
GW S2 587	1	16	250
GW S2 606	1	14	250
GW S2 616	1	0	250
GW S2 626	1	40	251
GW S2 706	1	20	251
GW S2 716	1	56	251
GW S2 736	1	18	251
GW S2 746	1	20	251
GW S2 801	1	90	172
GW S2 802	1	203	172
GW S2 803	1	203	172
GW S2 804	1	87	172
GW S2 901 D	1	80	180
GW S2 901 S	1	80	180
GW S2 902 D	1	80	180
GW S2 902 S	1	80	180
GW S2 906 D	1	80	180
GW S2 906 S	1	80	180
GW S2 907 D	1	80	180
GW S2 907 S	1	80	180
GW S2 921 D	1	60	183
GW S2 921 S	1	60	183
GW S2 922 D	1	60	183
GW S2 922 S	1	60	183
GW S2 992	1	288	180
GW S2 992	1	288	183
GW S2 993	1	3600	181
GW S2 993	1	3600	184
GW S2 994	1	400	181
GW S2 995	1	3600	181
GW S2 995	1	3600	184
GW S2 996	1	3600	181
GW S2 996	1	3600	184
GW S2 998	1	150	184

GWS3			
GW S3 118 P	1/90	90	132
GW S3 118 PD	1/90	90	132
GW S3 118 PL	1/90	90	133
GW S3 118 PLD	1/90	0	230
GW S3 118 T	1/90	90	131
GW S3 118 TD	1/90	90	230
GW S3 118 TL	1/90	90	230
GW S3 118 TLD	1/90	0	230
GW S3 136 P	1/90	90	132
GW S3 136 PD	1/90	90	230
GW S3 136 PL	1/90	90	133
GW S3 136 PLD	1/90	90	133
GW S3 136 T	1/90	90	131
GW S3 136 TD	1/90	90	230
GW S3 136 TL	1/90	90	132
GW S3 136 TLD	1/90	90	230
GW S3 158 P	1/90	90	132
GW S3 158 PD	1/90	90	132
GW S3 158 PL	1/90	90	133
GW S3 158 PLD	1/90	90	133

Code	Quantity		Page
	Pack/carton	Pallet	
GW S3 158 T	1/90	90	131
GW S3 158 TD	1/90	90	230
GW S3 158 TL	1/90	90	132
GW S3 158 TLD	1/90	90	230
GW S3 191	1/10	500	133
GW S3 191	1/10	500	137
GW S3 191	1/10	500	140
GW S3 192	1/10	1100	133
GW S3 192	1/10	1100	137
GW S3 192	1/10	1100	140
GW S3 193	1/10	500	133
GW S3 193	1/10	500	137
GW S3 193	1/10	500	140
GW S3 198	1	90	133
GW S3 218 P	1/90	90	132
GW S3 218 PD	1/90	90	132
GW S3 218 PL	1/90	90	133
GW S3 218 PLD	1/90	90	230
GW S3 218 T	1/90	90	131
GW S3 218 TD	1/90	90	131
GW S3 218 TL	1/90	90	132
GW S3 218 TLD	1/90	0	230
GW S3 236 P	1/90	90	132
GW S3 236 PD	1/90	90	132
GW S3 236 PL	1/90	90	133
GW S3 236 PLD	1/90	90	133
GW S3 236 T	1/90	90	131
GW S3 236 TC	1/90	90	136
GW S3 236 TD	1/90	90	230
GW S3 236 TL	1/90	90	132
GW S3 236 TLD	1/90	90	230
GW S3 258 P	1/90	90	132
GW S3 258 PD	1/90	90	132
GW S3 258 PL	1/90	90	133
GW S3 258 PLD	1/90	90	133
GW S3 258 T	1/90	90	131
GW S3 258 TC	1/90	90	136
GW S3 258 TD	1/90	90	131
GW S3 258 TL	1/90	90	132
GW S3 258 TLC	1/90	90	136
GW S3 258 TLD	1/90	90	132
GW S3 280 TLS	1/90	90	139
GW S3 280 TS	1/90	90	139

GWS4			
GW S4 002 GS	1	66	231
GW S4 003 GS	1	66	231
GW S4 004 GE	1	15	231
GW S4 004 GS	1	66	142
GW S4 005 GS	1	66	231
GW S4 006 GS	1	66	231
GW S4 011 GS	1	44	231
GW S4 012 GS	1	44	231
GW S4 013 GS	1	44	231
GW S4 014 GE	1	24	231
GW S4 014 GS	1	44	144
GW S4 015 GS	1	44	231

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 016 GS	1	44	231
GW S4 021 GS	1	55	232
GW S4 022 GS	1	55	232
GW S4 023 GS	1	55	145
GW S4 023 GSA	1	50	152
GW S4 024 GD	1	55	232
GW S4 024 GE	1	24	145
GW S4 024 GS	1	55	145
GW S4 024 GSA	1	55	152
GW S4 025 GS	1	55	145
GW S4 026 GS	1	55	145
GW S4 031 GS	1	55	232
GW S4 032 GS	1	55	232
GW S4 033 GS	1	55	147
GW S4 034 GS	1	55	147
GW S4 034 GSA	1	55	152
GW S4 035 GS	1	55	232
GW S4 036 GS	1	55	147
GW S4 042 GS	1	33	148
GW S4 043 GS	1	33	148
GW S4 044 GD	1	33	233
GW S4 044 GE	1	18	148
GW S4 044 GS	1	33	148
GW S4 044 GSA	1	33	235
GW S4 045 GS	1	33	148
GW S4 046 GS	1	33	148
GW S4 052 GS	1	33	150
GW S4 053 GD	1	33	233
GW S4 053 GS	1	33	150
GW S4 053 GSA	1	33	153
GW S4 054 GD	1	33	233
GW S4 054 GS	1	33	150
GW S4 054 GSA	1	33	153
GW S4 055 GS	1	33	150
GW S4 056 GS	1	33	150
GW S4 062 GS	1	16	234
GW S4 063 GS	1	16	234
GW S4 064 GE	1	7	151
GW S4 064 GS	1	16	234
GW S4 065 GS	1	16	234
GW S4 066 GS	1	16	234
GW S4 071 GS	1	16	234
GW S4 072 GS	1	16	234
GW S4 073 GD	1	16	234
GW S4 073 GS	1	16	234
GW S4 074 GD	1	16	234
GW S4 074 GS	1	16	234
GW S4 075 GS	1	16	234
GW S4 076 GD	1	16	234
GW S4 076 GS	1	16	234
GW S4 101 BS	1	66	196
GW S4 101 GS	1	66	196
GW S4 102 GS	1	66	196
GW S4 103 BS	1	66	196
GW S4 103 GS	1	66	196
GW S4 104 BS	1	66	196

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 104 GS	1	66	196
GW S4 105 BS	1	66	196
GW S4 105 GS	1	66	196
GW S4 106 GS	1	66	196
GW S4 111 BS	1	44	197
GW S4 111 GS	1	44	197
GW S4 112 GS	1	44	197
GW S4 113 BS	1	44	197
GW S4 113 GS	1	44	197
GW S4 114 BS	1	44	197
GW S4 114 GS	1	44	197
GW S4 115 BS	1	44	197
GW S4 115 GS	1	44	197
GW S4 116 GS	1	44	197
GW S4 131 BS	1	55	199
GW S4 131 GS	1	55	199
GW S4 132 GS	1	55	199
GW S4 133 BS	1	55	199
GW S4 133 GC	1	55	199
GW S4 133 GS	1	55	199
GW S4 134 BS	1	55	199
GW S4 134 GS	1	55	199
GW S4 135 BS	1	55	199
GW S4 135 GS	1	55	199
GW S4 136 GS	1	55	199
GW S4 151 BS	1	33	197
GW S4 151 GS	1	33	197
GW S4 152 GS	1	33	197
GW S4 153 BS	1	33	197
GW S4 153 GC	1	33	197
GW S4 153 GS	1	33	197
GW S4 154 BS	1	33	197
GW S4 154 GD	1	33	197
GW S4 154 GS	1	33	197
GW S4 155 BS	1	33	197
GW S4 155 GS	1	33	197
GW S4 156 GD	1	33	197
GW S4 156 GS	1	33	197
GW S4 171 GS	1	16	200
GW S4 172 GS	1	16	200
GW S4 173 GS	1	16	200
GW S4 174 GS	1	16	200
GW S4 175 GS	1	16	200
GW S4 176 GD	1	16	200
GW S4 176 GS	1	16	200
GW S4 222 GS	1	50	235
GW S4 223 GS	1	50	235
GW S4 224 GS	1	55	235
GW S4 225 GS	1	50	235
GW S4 226 GS	1	50	235
GW S4 232 GS	1	55	236
GW S4 233 GS	1	55	236
GW S4 234 GS	1	55	158
GW S4 235 GS	1	55	236
GW S4 236 GS	1	55	236
GW S4 242 GS	1	33	236

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 243 GS	1	33	159
GW S4 244 GS	1	33	159
GW S4 245 GS	1	33	236
GW S4 246 GS	1	33	236
GW S4 252 GS	1	33	237
GW S4 253 GS	1	33	160
GW S4 254 GS	1	33	160
GW S4 255 GS	1	33	237
GW S4 256 GS	1	33	160
GW S4 262 GS	1	16	237
GW S4 263 GS	1	16	237
GW S4 264 GS	1	16	237
GW S4 265 GS	1	16	237
GW S4 266 GS	1	16	237
GW S4 272 GS	1	16	238
GW S4 273 GS	1	16	238
GW S4 274 GS	1	16	238
GW S4 275 GS	1	16	238
GW S4 276 GS	1	16	238
GWS6			
GW S6 012 GD	1	96	118
GW S6 012 GD30K	1	96	118
GW S6 012 GD57K	1	96	118
GW S6 013 GD	1	96	118
GW S6 013 GD30K	1	96	118
GW S6 013 GD57K	1	96	118
GW S6 014 GD	1	96	118
GW S6 014 GD30K	1	96	118
GW S6 014 GD57K	1	96	118
GW S6 015 GD	1	96	118
GW S6 015 GD30K	1	96	118
GW S6 015 GD57K	1	96	118
GW S6 022 GD	1	36	120
GW S6 022 GD30K	1	36	120
GW S6 022 GD57K	1	36	120
GW S6 023 GD	1	36	120
GW S6 023 GD30K	1	36	120
GW S6 023 GD57K	1	36	120
GW S6 024 GD	1	36	120
GW S6 024 GD30K	1	36	120
GW S6 024 GD57K	1	36	120
GW S6 025 GD	1	36	120
GW S6 025 GD30K	1	36	120
GW S6 025 GD57K	1	36	120
GW S6 032 GD	1	36	122
GW S6 032 GD30K	1	36	122
GW S6 032 GD57K	1	36	122
GW S6 033 GD	1	36	122
GW S6 033 GD30K	1	36	122
GW S6 033 GD57K	1	36	122
GW S6 034 GD	1	36	122
GW S6 034 GD30K	1	36	122
GW S6 034 GD57K	1	36	122
GW S6 035 GD	1	36	122
GW S6 035 GD30K	1	36	122
GW S6 035 GD57K	1	36	122

Code	Quantity		Page
	Pack/carton	Pallet	
GW S6 042 GD	1	36	124
GW S6 042 GD30K	1	36	124
GW S6 042 GD57K	1	36	124
GW S6 043 GD	1	36	124
GW S6 043 GD30K	1	36	124
GW S6 043 GD57K	1	36	124
GW S6 044 GD	1	36	124
GW S6 044 GD30K	1	36	124
GW S6 044 GD57K	1	36	124
GW S6 045 GD	1	36	124
GW S6 045 GD30K	1	36	124
GW S6 045 GD57K	1	36	124
GW S6 052 GD	1	20	126
GW S6 052 GD30K	1	20	126
GW S6 052 GD57K	1	20	126
GW S6 053 GD	1	20	126
GW S6 053 GD30K	1	20	126
GW S6 053 GD57K	1	20	126
GW S6 054 GD	1	20	126
GW S6 054 GD30K	1	20	126
GW S6 054 GD57K	1	20	126
GW S6 055 GD	1	20	126
GW S6 055 GD30K	1	20	126
GW S6 055 GD57K	1	20	126
GW S6 082 GD	1	12	128
GW S6 082 GD30K	1	12	128
GW S6 082 GD57K	1	12	128
GW S6 083 GD	1	12	128
GW S6 083 GD30K	1	12	128
GW S6 083 GD57K	1	12	128
GW S6 084 GD	1	12	128
GW S6 084 GD30K	1	12	128
GW S6 084 GD57K	1	12	128
GW S6 085 GD	1	12	128
GW S6 085 GD30K	1	12	128
GW S6 085 GD57K	1	12	128
GW S6 312 GD	1	96	119
GW S6 312 GD30K	1	96	119
GW S6 312 GD57K	1	96	119
GW S6 313 GD	1	96	119
GW S6 313 GD30K	1	96	119
GW S6 313 GD57K	1	96	119
GW S6 314 GD	1	96	119
GW S6 314 GD30K	1	96	119
GW S6 314 GD57K	1	96	119
GW S6 315 GD	1	96	119
GW S6 315 GD30K	1	96	119
GW S6 315 GD57K	1	96	119
GW S6 322 GD	1	36	121
GW S6 322 GD30K	1	36	121
GW S6 322 GD57K	1	36	121
GW S6 323 GD	1	36	121
GW S6 323 GD30K	1	36	121
GW S6 323 GD57K	1	36	121
GW S6 324 GD	1	36	121
GW S6 324 GD30K	1	36	121

Quick Reference

Code	Quantity		Page
	Pack/carton	Pallet	
GW S6 324 GD57K	1	36	121
GW S6 325 GD	1	36	121
GW S6 325 GD30K	1	36	121
GW S6 325 GD57K	1	36	121
GW S6 332 GD	1	36	123
GW S6 332 GD30K	1	36	123
GW S6 332 GD57K	1	36	123
GW S6 333 GD	1	36	123
GW S6 333 GD30K	1	36	123
GW S6 333 GD57K	1	36	123
GW S6 334 GD	1	36	123
GW S6 334 GD30K	1	36	123
GW S6 334 GD57K	1	36	123
GW S6 335 GD	1	36	123
GW S6 335 GD30K	1	36	123
GW S6 335 GD57K	1	36	123
GW S6 342 GD	1	36	125
GW S6 342 GD30K	1	36	125
GW S6 342 GD57K	1	36	125
GW S6 343 GD	1	36	125
GW S6 343 GD30K	1	36	125
GW S6 343 GD57K	1	36	125
GW S6 344 GD	1	36	125
GW S6 344 GD30K	1	36	125
GW S6 344 GD57K	1	36	125
GW S6 345 GD	1	36	125
GW S6 345 GD30K	1	36	125
GW S6 345 GD57K	1	36	125
GW S6 352 GD	1	20	127
GW S6 352 GD30K	1	20	127
GW S6 352 GD57K	1	20	127
GW S6 353 GD	1	20	127
GW S6 353 GD30K	1	20	127
GW S6 353 GD57K	1	20	127
GW S6 354 GD	1	20	127
GW S6 354 GD30K	1	20	127
GW S6 354 GD57K	1	20	127
GW S6 355 GD	1	20	127
GW S6 355 GD30K	1	20	127
GW S6 355 GD57K	1	20	127
GW S6 382 GD	1	12	129
GW S6 382 GD30K	1	12	129
GW S6 382 GD57K	1	12	129
GW S6 383 GD	1	12	129
GW S6 383 GD30K	1	12	129
GW S6 383 GD57K	1	12	129
GW S6 384 GD	1	12	129
GW S6 384 GD30K	1	12	129
GW S6 384 GD57K	1	12	129
GW S6 385 GD	1	12	129
GW S6 385 GD30K	1	12	129
GW S6 385 GD57K	1	12	129
GW S6 422 GD	1	24	45
GW S6 422 GD30K	1	24	45
GW S6 422 GD57K	1	24	45
GW S6 423 GD	1	24	45
GW S6 423 GD30K	1	24	45
GW S6 423 GD57K	1	24	45
GW S6 424 GD	1	24	45
GW S6 424 GD30K	1	24	45
GW S6 424 GD57K	1	24	45
GW S6 425 GD	1	24	45
GW S6 425 GD30K	1	24	45
GW S6 425 GD57K	1	24	45
GW S6 432 GD	1	24	46
GW S6 432 GD30K	1	24	46
GW S6 432 GD57K	1	24	46
GW S6 433 GD	1	24	46
GW S6 433 GD30K	1	24	46
GW S6 433 GD57K	1	24	46
GW S6 434 GD	1	24	46
GW S6 434 GD30K	1	24	46
GW S6 434 GD57K	1	24	46
GW S6 435 GD	1	24	46
GW S6 435 GD30K	1	24	46
GW S6 435 GD57K	1	24	46
GW S6 442 GD	1	24	47
GW S6 442 GD30K	1	24	47
GW S6 442 GD57K	1	24	47
GW S6 443 GD	1	24	47
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GW S6 443 GD57K	1	24	47
GW S6 444 GD	1	24	47
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GW S6 444 GD57K	1	24	47
GW S6 445 GD	1	24	47
GW S6 445 GD30K	1	24	47
GW S6 445 GD57K	1	24	47
GW S6 452 GD	1	20	48
GW S6 452 GD30K	1	20	48
GW S6 452 GD57K	1	20	48
GW S6 453 GD	1	20	48
GW S6 453 GD30K	1	20	48
GW S6 453 GD57K	1	20	48
GW S6 454 GD	1	20	48
GW S6 454 GD30K	1	20	48
GW S6 454 GD57K	1	20	48
GW S6 455 GD	1	20	48
GW S6 455 GD30K	1	20	48
GW S6 455 GD57K	1	20	48
GW S6 512 BD	1	54	85
GW S6 512 BD30K	1	0	85
GW S6 512 BD57K	1	54	85
GW S6 512 GD	1	54	84
GW S6 512 GD30K	1	54	84
GW S6 512 GD57K	1	54	84
GW S6 513 BD	1	54	85
GW S6 513 BD30K	1	0	85
GW S6 513 BD57K	1	54	85
GW S6 513 GD	1	54	84
GW S6 513 GD30K	1	54	84
GW S6 513 GD57K	1	54	84
GW S6 514 BD	1	54	85
GW S6 514 BD30K	1	0	85
GW S6 514 BD57K	1	54	85
GW S6 514 GD	1	54	84
GW S6 514 GD30K	1	54	84
GW S6 514 GD57K	1	54	84
GW S6 515 BD	1	54	85
GW S6 515 BD30K	1	0	85
GW S6 515 BD57K	1	54	85
GW S6 515 GD	1	54	84
GW S6 515 GD30K	1	54	84
GW S6 515 GD57K	1	54	84
GW S6 516 BD	1	0	85
GW S6 516 BD30K	1	0	85
GW S6 516 BD57K	1	0	85
GW S6 516 GD	1	0	84
GW S6 516 GD30K	1	0	84
GW S6 516 GD57K	1	0	84
GW S6 522 BD	1	16	87
GW S6 522 BD30K	1	16	87
GW S6 522 BD57K	1	16	87
GW S6 522 GD	1	16	86
GW S6 522 GD30K	1	16	86
GW S6 522 GD57K	1	16	86
GW S6 523 BD	1	16	87
GW S6 523 BD30K	1	16	87
GW S6 523 BD57K	1	16	87
GW S6 523 GD	1	16	86
GW S6 523 GD30K	1	16	86
GW S6 523 GD57K	1	16	86
GW S6 524 BD	1	16	87
GW S6 524 BD30K	1	16	87
GW S6 524 BD57K	1	16	87
GW S6 524 GD	1	16	86
GW S6 524 GD30K	1	16	86
GW S6 524 GD57K	1	16	86
GW S6 525 BD	1	16	87
GW S6 525 BD30K	1	16	87
GW S6 525 BD57K	1	16	87
GW S6 525 GD	1	16	86
GW S6 525 GD30K	1	16	86
GW S6 525 GD57K	1	16	86
GW S6 532 BD	1	16	89
GW S6 532 BD30K	1	16	89
GW S6 532 BD57K	1	16	89
GW S6 532 GD	1	16	88
GW S6 532 GD30K	1	16	88
GW S6 532 GD57K	1	16	88
GW S6 533 BD	1	16	89
GW S6 533 BD30K	1	16	89
GW S6 533 BD57K	1	16	89
GW S6 533 GD	1	16	88
GW S6 533 GD30K	1	16	88
GW S6 533 GD57K	1	16	88
GW S6 534 BD	1	16	89
GW S6 534 BD30K	1	16	89

Code	Quantity		Page
	Pack/carton	Pallet	
GW S6 534 BD57K	1	16	89
GW S6 534 GD	1	16	88
GW S6 534 GD30K	1	16	88
GW S6 534 GD57K	1	16	88
GW S6 535 BD	1	16	89
GW S6 535 BD30K	1	16	89
GW S6 535 BD57K	1	16	89
GW S6 535 GD	1	16	88
GW S6 535 GD30K	1	16	88
GW S6 535 GD57K	1	16	88
GW S6 542 BD	1	16	91
GW S6 542 BD30K	1	16	91
GW S6 542 BD57K	1	16	91
GW S6 542 GD	1	16	90
GW S6 542 GD30K	1	16	90
GW S6 542 GD57K	1	16	90
GW S6 543 BD	1	16	91
GW S6 543 BD30K	1	16	91
GW S6 543 BD57K	1	16	91
GW S6 543 GD	1	16	90
GW S6 543 GD30K	1	16	90
GW S6 543 GD57K	1	16	90
GW S6 544 BD	1	16	91
GW S6 544 BD30K	1	16	91
GW S6 544 BD57K	1	16	91
GW S6 544 GD	1	16	90
GW S6 544 GD30K	1	16	90
GW S6 544 GD57K	1	16	90
GW S6 545 BD	1	16	91
GW S6 545 BD30K	1	16	91
GW S6 545 BD57K	1	16	91
GW S6 545 GD	1	16	90
GW S6 545 GD30K	1	16	90
GW S6 545 GD57K	1	16	90
GW S6 901	1	96	129
GW S6 902	1	0	129
GW S6 903	1	0	129

Code	Quantity		Page
	Pack/carton	Pallet	
GW S6 910	1	312	129
GW S6 911	1	0	129
GW S6 921	1/5	780	129
GW S6 922	1	40	129
GW S6 923	1	156	129
GW S6 924	1/2	20	129
GW S6 925	1/2	0	129
GW S6 926	1	312	129
GW S6 931	1	40	91
GW S6 932	1	24	91
GW S7			
GW S7 030	1	14	193
GW S7 031	1	14	193
GW S7 032	1	14	193
GW S7 110	1	14	22
GW S7 111	1	14	22
GW S7 112	1	14	22
GW S7 201	1	4	217
GW S7 202	1	0	217
GW S7 203	1	0	217
GW S7 206	1	0	217
GW S7 207	1	10	96
GW S7 208	1	10	96
GW S7 221	1	0	217
GW S7 222	1	0	217
GW S7 223	1	0	217
GW S7 226	1	4	217
GW S7 227	1	0	96
GW S7 228	1	10	96
GW S7 251	1	0	217
GW S7 252	1	0	217
GW S7 253	1	0	217
GW S7 256	1	0	217
GW S7 257	1	8	96
GW S7 258	1	8	96
GW S7 271	1	0	217
GW S7 272	1	0	217

Code	Quantity		Page
	Pack/carton	Pallet	
GW S7 273	1	0	217
GW S7 276	1	0	217
GW S7 277	1	0	96
GW S7 278	1	0	96
GW S7 327	1	36	218
GW S7 458	1	8	218
GW S7 478	1	4	218
GW S7 501	1	0	219
GW S7 501 B	1	0	98
GW S7 502	1	4	219
GW S7 502 B	1	0	98
GW S7 503	1	0	219
GW S7 503 B	1	4	98
GW S7 506	1	10	219
GW S7 507	1	0	219
GW S7 508	1	0	219
GW S7 521	1	0	219
GW S7 522	1	0	219
GW S7 523	1	0	219
GW S7 526	1	8	219
GW S7 527	1	0	219
GW S7 528	1	0	219
GW S7 552	1	0	220
GW S7 553	1	0	220
GW S7 556	1	4	220
GW S7 557	1	6	220
GW S7 558	1	10	220
GW S7 571	1	0	220
GW S7 572	1	0	220
GW S7 573	1	0	220
GW S7 576	1	10	220
GW S7 577	1	0	220
GW S7 578	1	0	220
GW S7 630	1	14	192
GW S7 681	1	16	193
GW S7 683	1	14	193
GW S7 684	1	14	193

Energy Labelling

ILCOS CLASSIFICATION

ILCOS represents an international system for coding all lamps, except for those for vehicles (according to reference standard EN 61231).

The objective of the international coding system is to:

- optimise communication regarding different types of lamps;
- clarify concepts of product interchangeability and compatibility;
- create closer connections between international standards and manufacturer documentation;
- permit correct lamp replacement;
- be used as complementary marking on lighting devices;
- replace international coding systems.

Complete ILCOS coding consists of a letter section and a numerical section.

In the letter section, the lamps are identified by two letters.

INCANDESCENT LAMPS		
	I	Incandescent
HALOGEN LAMPS		
	HS	Single coupling halogen
	HD	Double coupling halogen
	HR	Halogen with dichroic high bay
FLUORESCENT LAMPS		
	FSD	Two conduit single coupling fluorescent
	FD	Double coupling fluorescent
	FSQ	4 conduit single coupling fluorescent
	FSM	Multiple conduit single coupling fluorescent
	FB	Fluorescent with built-in power supply
	FSS	Square fluorescent
	FBT	Tubular fluorescent
HIGH PRESSURE MERCURY LAMPS		
	QE	Ellipsoidal mercury with diffused coating

The first letter identifies the lamp type	I	Incandescent
	F	Fluorecents
	H	Halogen
	F	Fluorescent
	S	High pressure sodium
	L	Low pressure sodium
	Q	High pressure mercury lamps
	M	Metallic iodide lamps
	D	LED
	X	Special lamps
The second letter defines the main form characteristic	N	Tubular
	S	Single coupling
	D	Double coupling
	E	Opal ellipsoidal
	C	Clear
	R	Dichroic high bay
	M	Metallic high bay

The numerical section consists of blocks that consist of numbers, each of which is separated by a dash and that include the characteristic values:

power	voltage	coupling	dimensions
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HIGH PRESSURE SODIUM LAMPS		
	SE	Diffused ellipsoidal sodium
	ST	Clear tubular sodium
	SD	Double coupling clear sodium
LOW PRESSURE SODIUM LAMPS		
	LS	Single coupling sodium
METALLIC IODIDE LAMPS		
	ME	Ellipsoidal metallic iodides, diffused coating
	MT	Clear tubular metallic iodides
	MC	Clear bulb ellipsoidal metallic iodides
	MD	Metallic iodides with double coupling, clear
	MN	Metallic iodides with double coupling without external bulb
LED		
	DS	LED module with separate power supply
	DR	LED lamp with built-in power supply

ENERGY LABELLING

The Energy Labelling regulation (874/2012) requires that an energy label be created and made available by March 1 2014 for devices intended for private use. All advertisements, price indications, promotions and offers must indicate all the information included on the label:

- efficiency range of compatible lamps
- if the device contains LED
- if the LED can be replaced or not

When the products referred to in this regulation are sold and displayed in stored, they must be always accompanied by the energy label that can be downloaded from the Gewiss website.

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GW80141	18W	FD	G13	B ÷ A	Not included
GW80142	36W	FD	G13	B ÷ A	Not included
GW80144	18W	FD	G13	B ÷ A	Not included
GW80145	36W	FD	G13	B ÷ A	Not included
GW80601	60W	FBT / DRB	E27	B ÷ A+	Not included
GW80610	100W	FBT / DRB	E27	B ÷ A+	Not included
GW80616	60W	FBT / DRB	E27	B ÷ A+	Not included
GW80622	100W	FBT / DRB	E27	B ÷ A+	Not included
GW80646	13W	FSQ	G24q-1	B ÷ A	Not included
GW80651	60W	FBT / DRB	E27	B ÷ A+	Not included
GW80652	100W	FBT / DRB	E27	B ÷ A+	Not included
GW80761	60W	FBT / DRB	E27	B ÷ A+	Not included
GW80763	100W	FBT / DRB	E27	B ÷ A+	Not included
GW80771	60W	FBT / DRB	E27	B ÷ A+	Not included
GW80782	36W	FD	G13	B ÷ A	Not included
GW80783	58W	FD	G14	B ÷ A	Not included
GW80785	36W	FD	G15	B ÷ A	Not included
GW80786	58W	FD	G16	B ÷ A	Not included
GW82011B	4W	LED	E14	B ÷ A+	A+
GW82011G	4W	LED	E14	B ÷ A+	A+
GW82016B	6W	LED	E27	B ÷ A+	A+
GW82016G	6W	LED	E27	B ÷ A+	A+
GPS2801	11,5W	LED	\	A ÷ A++	LED - Not replaceable
GPS2802	11,5W	LED	\	A ÷ A++	LED - Not replaceable
GPS2803	11,5W	LED	\	A ÷ A++	LED - Not replaceable
GPS2804	11,5W	LED	\	A ÷ A++	LED - Not replaceable

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GW80001	18W	FD	G13	B ÷ A	Not included
GW80002	36W	FD	G13	B ÷ A	Not included
GW80003	58W	FD	G13	B ÷ A	Not included
GW80004	18W	FD	G13	B ÷ A	Not included
GW80005	36W	FD	G13	B ÷ A	Not included
GW80006	58W	FD	G13	B ÷ A	Not included
GW80143	58W	FD	G13	B ÷ A	Not included
GW80146	58W	FD	G13	B ÷ A	Not included
GW80161	18W	FD	G13	B ÷ A	Not included
GW80162	36W	FD	G13	B ÷ A	Not included
GW80163	58W	FD	G13	B ÷ A	Not included
GW80164	18W	FD	G13	B ÷ A	Not included
GW80165	36W	FD	G13	B ÷ A	Not included
GW80166	58W	FD	G13	B ÷ A	Not included
GW80192F	55W	FSD	G211	B ÷ A+	A
GW80193F	55W	FSD	G211	B ÷ A+	A
GW80194F	80W	FSD	G211	A	A
GW80195F	55W	FSD	G211	B ÷ A+	A
GW80571	18W	FSQ	G24d-2	B ÷ A	Not included
GW80576	13W	FSQ	G24d-1	B ÷ A	Not included
GW80581	13W	FSQ	G24d-2	B ÷ A	Not included
GW80591	13W	FSQ	G24q-1	B ÷ A	Not included
GW80592	13W	FSQ	G24q-1	B ÷ A	Not included
GW80604	9W	FSQ	G23	B ÷ A	Not included
GW80607	9W	FSD	G23	B ÷ A	Not included
GW80613	26W	FSQ	G24d-3	B ÷ A	Not included
GW80619	7W	FSD	G23	B ÷ A	Not included
GW80625	9W	FSD	G23	B ÷ A	Not included
GW80644	9W	FSD	G23	B ÷ A	Not included
GW80645	9W	FSD	G23	B ÷ A	Not included
GW80762	7W	FSD	G23	B ÷ A	Not included
GW80764	9W	FSD	G23	B ÷ A	Not included
GW80772	9W	FSD	G23	B ÷ A	Not included
GW80773	9W	FSD	G23	B ÷ A	Not included
GW80774	100W	FBT / DRB	E27	B ÷ A+	Not included
GW80775	26W	FSQ	G24d-3	B ÷ A	Not included
GW82021G	11W	FSD	G23	B ÷ A	Not included
GW82026G	26W	FSQ	G24d-3	B ÷ A	Not included

Generale sales conditions

1. DEFINITIONS

1.1 In these General Sales Conditions the terms hereunder have the meaning as specified for each one of them:

- a) "GEWISS": the company GEWISS S.p.A.;
- b) "PURCHASER": the subject, natural person or legal entity requesting the purchase of GEWISS products;
- c) "PARTY" or "PARTIES": GEWISS and the PURCHASER individually or jointly considered;
- d) "ORDER" or "ORDERS": the purchase order or orders issued by the PURCHASER to GEWISS;
- e) "PRODUCTS": all the products offered by GEWISS and described in catalogues, drawings, technical sheets or its brochures;
- f) "GENERAL CONDITIONS": the general sales conditions hereunder.

2. SCOPE OF APPLICATION

2.1 The GENERAL CONDITIONS apply to all sales made between GEWISS and the PURCHASER whose subject matter is the PRODUCTS. As of 01.01.2017 these GENERAL CONDITIONS replace GEWISS' previous general sales conditions.

2.2 The PURCHASER cannot demand or take exception to conditions other than those contained in the GENERAL CONDITIONS. Therefore, any conditions set out in writing by the PURCHASER on the ORDER shall not be valid, or those in any other phase of the contractual negotiations as well as after the acceptance or knowledge of the GENERAL CONDITIONS, as well as any general purchasing conditions of the PURCHASER. To this end, the performance, even partial, of the ORDER by GEWISS or fulfilment of any other obligation in terms of the PURCHASER are not valid and cannot be interpreted as tacit or implicit acceptance of any general condition which has not been explicitly signed by GEWISS.

2.3 The GENERAL CONDITIONS are only valid for contractual relationships between GEWISS and professional operators, thus the Italian Legislative Decree no. 206 of 6th September 2005 (Consumer Law) is not applicable.

2.4 In the event of differences, unless otherwise agreed in writing between the PARTIES (for example in the sales conditions letter or in a specific contract) these GENERAL CONDITIONS shall have precedence.

3. PROCEDURE FOR FINALISING THE SALES CONTRACT

3.1 The ORDER sent by the PURCHASER to GEWISS constitutes an irrevocable contractual proposal which is binding for 30 days from the time GEWISS learns of it.

3.2 Within this 30 days period GEWISS, at its sole discretion, reserves the right to accept the ORDER or not, and notify the PURCHASER of its decision.

3.3 The sales contract shall be considered finalised following acceptance pursuant to the previous point or with the performance of the ORDER by GEWISS; in this case, the PURCHASER cannot cancel the ORDER without previous written approval from GEWISS and he cannot refuse the ordered PRODUCTS. Up to the time of finalising of the sales contract under the above conditions, offers and estimates made by GEWISS or its agents, representatives and assistants, shall not be binding for GEWISS.

3.4 In the event that the ORDER confirmation from GEWISS differs from the ORDER sent by the PURCHASER, for example but not limited to, the quantity of PRODUCTS, prices, discounts and delivery terms, such confirmation shall be considered as a counterproposal from GEWISS, and must be expressly accepted by the PURCHASER, for the contract to be considered finalised.

3.5 In any case, it is hereby understood that any oral agreement with the PURCHASER related to the sale shall not be binding for GEWISS unless confirmed in writing by GEWISS.

3.6 In the event that the ORDER is cancelled by the PURCHASER before it is accepted or performed by GEWISS, GEWISS may ask the buyer to reimburse any expenses or charges incurred to perform the ORDER or part of it as well as compensation for any sustained damages.

4. PRICES

4.1 The prices indicated in GEWISS catalogues and price lists are considered VAT excluded for goods delivered EXW Incoterms® 2010 (ex works) of GEWISS, transportation, insurance, packing and assistance expenses excluded.

4.2 Such prices are merely given as a guideline and are not binding on GEWISS in any way, who reserves the right to make changes to the same proportionate to increases in labour, raw material and other cost items and for other causes which occur during the catalogue/price list validity period.

5. DELIVERIES

5.1 Unless otherwise agreed between the PARTIES, the PRODUCTS ARE delivered to the PURCHASER or third party assigned by the PURCHASER as per EXW Incoterms® 2010 (ex works) at GEWISS warehouse.

5.2 The delivery conditions indicated in the Order or order confirmation are not binding for Gewiss.

5.3 GEWISS is not liable for any indemnity or claim for compensation against GEWISS for direct or indirect damages due to delays or partial dispatch of the deliveries, as long as not attributable to fraud or gross negligence by GEWISS.

5.4 In the event that performance of the ORDER is obstructed by the occurrence of force majeure events, lack of regular raw material supplies or sub-supplies or other unpredictable circumstances occurring when the contract is finalised, the delivery dates shall be considered extended, without GEWISS being held liable for the delay and new dates shall be established by the PARTIES. The PURCHASER shall not have the right to refuse the delivery of the PRODUCT.

5.5 If, once the PRODUCTS are ready for shipping to the PURCHASER, and delivery is not made due to circumstances not attributable to GEWISS or due to force majeure, the delivery shall be considered performed for all extents and purposes with a simple notice of goods ready for picking-up to be notified to the PURCHASER by registered letter, fax or e-mail. From the day after sending the above notice, GEWISS shall be due in addition to the agreed upon price, a fee for storage at GEWISS' warehouse totalling 2% of the amount on the invoice for each entire week of delay; in the event of a delay less than a week the percentage shall be calculated in proportion to the days of delay. All risks related to the goods storage period at GEWISS' warehouse are the sole responsibility of the PURCHASER. If the PURCHASER'S refusal to receive the goods lasts for more than 30 days from the notice of goods ready for picking-up, GEWISS shall be entitled to terminate the sale contract and claim for compensation of damages.

6. RISKS

6.1 The risks of the delivery of the PRODUCTS are regulated by Incoterms® 2010 terms which are agreed by the PARTIES.

6.2 The PURCHASER, at the time of receiving the PRODUCTS, must always, in their own interest, check the quantity and conditions before the acceptance and notify the carrier of any damage immediately and in writing. Otherwise, every dispute related to the quantity and conditions of the packed and delivered PRODUCTS shall be refused.

7. QUANTITY AND PACKING

7.1 The ORDERS must comply with the minimum packing quantities. In the event of ORDERS for lower quantities

GEWISS reserves the right to charge the PURCHASER, subject to notification, the lump sum of 5 EUR for each line of bulk PRODUCT ORDER.

7.2 Standard packing are considered included in the sales price, while the costs for any non-standard packing, unless otherwise established between the PARTIES, shall be charged by GEWISS to the PURCHASER.

8. COMPLIANCE WITH PRODUCT STANDARDS

8.1 GEWISS guarantees that all PRODUCTS, which fall under the scope of application of European Directives and Regulations, comply with the essentials requirements set out in them, in order to be put on the market and ordered in European Union. Compliance with the Directives and Regulations is indicated by affixing of the graphic symbol "CE".

8.2 The exportation in some UE or extra UE Countries can be forbidden or require specific documents, mark or certification. The PURCHASE shall contact GEWISS for the relevant information.

9. MODIFICATIONS TO PRODUCTS

9.1 The indications, measurements, drawings and images of the PRODUCTS and related components present in GEWISS catalogues, brochures and websites, and in general all GEWISS technical and informational documentation are given as a guideline and example and are not binding in any way.

9.2 GEWISS, at any time and with no obligation for prior notice, reserves the right to make all of the modifications that it, at its sole discretion, feels opportune for improving the PRODUCT features and performance as well as to meet its own technological and production needs.

9.3 The quality and certification marks mentioned on GEWISS paper material shall be considered in force at the date of the printing of the documents. The updated list of marks is available on the site www.gewiss.com or through the Technical Assistance Service. The updated certification list is available on www.gewiss.com or upon request to the Technical Assistance Service.

10. QUALITY, WARRANTIES AND COMPLAINTS

10.1 All of the PRODUCTS have the qualities necessary for the normal uses for which they are intended, as shown in the technical documentation in effect at the time of sale, which the PURCHASER declares to know and accept. In addition, the PRODUCTS are covered by warranty for their correct operation and warranty for design and manufacturing faults and/or defects for a period of 24 months from the delivery date, with the exception of normal wear and tear parts. Once this period has elapsed the warranty becomes null and void, even if the PRODUCTS have not been put into operation for any reason.

10.2 The warranty is effective as long as the malfunctioning, faults and/or defects are not the result of: assembly or installation errors, failure to comply with or incorrect compliance with the technical specifications contained in the GEWISS catalogue or on any instruction sheets, failure to perform or incorrect maintenance, natural wear and tear, faults caused by inexperience or negligence, poor storage conditions, failure to immediately adopt measures to limit any malfunctions, overloading compared to the limits in the technical instruction, unauthorised intervention, tampering by or requested by the PURCHASER or others, fortuitous event or force majeure. Moreover, the warranty is not effective in case of malfunctioning of the software installed on the PRODUCT, due to overloading, interruption and/or suspension of electric energy.

10.3 Any complaint due to quality defects, failure to operate or faulty operation or design and manufacturing faults and/

or defects of the PRODUCTS must be notified to GEWISS in writing, subject to forfeiture of the warranty:

- within 8 days from delivery of the PRODUCTS in the event of clear faults and/or defects;

- within 8 days from discovery of the faults and/or defects becoming evident following delivery but within two years from the delivery.

10.4 For the complaint to be accepted, the PURCHASER is required to prove in writing the validity of the warranty, the correct storage and installation of the PRODUCT, and to supply GEWISS with adequate documentation proving the FAULTS/DEFECTS.

10.5 The warranty is limited, up to the sole discretion of GEWISS, to replacement of the defective PRODUCTS or components (both with identical or similar products) or by repairing the defective PRODUCTS or components. In any case the accessory expenses of the replacement or repair are excluded from the warranty.

10.6 Both in the case of replacement and repair of the defective PRODUCTS the original warranty period will continue and shall not be considered renewed.

10.7 GEWISS shall not be held liable for any additional warranty obligation, including implicit, resulting from laws, whether statutory or not, in favour of the PURCHASER, including implicit warranties for non-compliance, non-saleable defects and the suitability of the PRODUCTS for a special use.

11. LIABILITY

11.1 Without prejudice to mandatory limits set by law and with the exclusion of fraud and gross negligence, GEWISS shall not be liable for damages resulting from any non-fulfilment, as well as direct and/or indirect damages resulting from PRODUCT faults or defects, their malfunctioning or from repairs or replacements, by means of example and not limited to, loss of profit, loss of savings, loss of reputation, loss of goodwill and interruption of plants where the PRODUCTS are intended to be used.

11.2 GEWISS shall not be held liable for PRODUCTS sold and/or installed in Countries where there are regulations which do not allow their use, for uses which they are not intended or for installations and uses not in compliance with the PRODUCTS technical specifications indicated in the catalogues and instruction handbooks in effect at the time of the sale.

11.3 In the event of revision of the technical specifications and instruction handbook for PRODUCTS already delivered and/or installed during the warranty period, the PURCHASER shall not be covered under warranty for correct operation according to the new technical specifications.

11.4 The PURCHASER agrees to establish in all contracts regarding the PRODUCTS a clause limiting GEWISS' liability substantially identical to that envisaged by this article, assuming the complete and sole liability for the additional movement of PRODUCTS supplied by GEWISS.

12. RETURNS

12.1 Return of the PRODUCTS is not allowed without prior written authorisation from GEWISS, without which the goods shall be delivered again to the PURCHASER at the PURCHASER expenses and risks.

12.2 In the event of authorised return, the PRODUCTS shall be returned carriage paid at the expense and risk of the PURCHASER to GEWISS warehouses, within the term indicated by GEWISS. The PURCHASER shall be credited for the purchase price of the PRODUCTS, minus a minimum amount of 15% for administrative expenses. However, GEWISS reserves the right not to accept the return or to apply a higher percentage for administrative expenses if the goods are returned after the period indicated above.

12.3 In any case, the return of PRODUCTS not present in the catalogue in effect at the time of the request to return or for which significant changes have been made to the technical specifications is prohibited.

13. PAYMENT OF THE PRICE

13.1 Payments shall be made in compliance with the "Supply Conditions" in the GEWISS catalogue in effect or according to what is otherwise agreed between the PARTIES in writing.

13.2 The delay, even partial of the payment of the invoices beyond their due date shall cause the immediate charging of interest in accordance with the legal measures in force, in addition to debiting of any bank expenses and fees.

13.3 Failure to pay for any reason, as well as failure to fulfil any other obligation by the PURCHASER authorises GEWISS to suspend the sales and related deliveries, as well as demand payment for the entire amount due, without prejudice to its right to withdraw from the ORDER being performed.

13.4 GEWISS also reserves the right to suspend supplies in the event of a significant modification in the PURCHASER'S economic situation, by means of example but not limited to, receivership, settlement with creditors, bankruptcy, transfer of the business, or serious financial difficulty.

13.5 Possible collection expenses or stamp duty for payments received by bank transfer or other forms of payment are at the PURCHASER charge.

13.6 Any discount agreed upon in writing between the PARTIES, is subject to complete compliance with payment due dates. Failure to pay within the agreed due dates shall result in forfeiture of the discount and the PURCHASER who unduly withheld it is obligated to reimburse it.

13.7 Any complaint from the PURCHASER including for late delivery of incomplete supply, shall not give the PURCHASER the right to suspend or delay payment.

13.8 The PURCHASER cannot claim any non-fulfilment of GEWISS', nor claim the warranty as per article 10 above, if not up to date with payments.

14. INTELLECTUAL PROPERTY

14.1 GEWISS shall remain the sole owner of the patents, drawings, designs and anything else used to create the PRODUCTS, which, therefore, the PURCHASER agrees not to give to third parties, reproduce or use, without prior authorization of GEWISS. If the creation of the PRODUCTS is performed by GEWISS based on specific request and technical documentation of the PURCHASER, GEWISS shall not be held liable for the violation of industrial property rights by third parties, which shall be the sole responsibility of the PURCHASER, who agrees to guarantee and indemnify and hold GEWISS harmless from any claims made against it.

14.2 The PURCHASER agrees to use GEWISS trademarks solely for the purposes of identifying, advertising and selling the PRODUCTS, refraining from registering them or having them registered without prior written approval from GEWISS.

14.3 The Purchaser is prevented from registering "gewiss" as domain name as well as any domain which contains words which look like or recall GEWISS.

14.4 Possible links to GEWISS' website and the publication on the PURCHASER's website of contents which refer to GEWISS shall be authorized in writing by the latter beforehand.

15. CONFIDENTIALITY OBLIGATION

15.1 The sales commercial conditions, particularly regarding the budget, incentive and discount conditions, as well as all other documentation or information classified by GEWISS as confidential, have a strictly confidential nature, therefore, the PURCHASER agrees not to divulge them or communicate

them to third parties, nor to use them for purposes other than the finalising and performance of this sales contract, for the period of 5 years after performance of the ORDER.

15.2 GEWISS reserves the right to pursue, including legally, any violations of the aforesaid confidentiality obligation.

16. PRIVACY

16.1 GEWISS agrees to collect and process the personal data it may learn of in compliance with the Italian Legislative Decree 196/2003, with the purposes connected to performing this contract and to fulfil all legal requirements including of a tax or accounting nature. The information is available on the website www.gewiss.com.

17. GEWISS CODE OF ETHICS AND ORGANIZATION, MANAGEMENT AND CONTROL MODEL - ANTI-CORRUPTION POLICY

17.1 The commercial relations governed by the GENERAL CONDITIONS are based on the principles of legality, transparency, correctness and fairness, in accordance with the contents of the Code of Ethics, the Organisation Management and Control Framework adopted by GEWISS and with the principles of the Anti-Corruption Policy available on the website www.gewiss.com. Any notifications about the violation of the aforesaid Framework may be sent using the "notification procedure" available on the website, to the e-mail address ia-odv@gewiss.com.

17.2 If, behaviours are adopted which do not comply with the aforesaid principles, GEWISS shall be entitled to take opportune measures, including cancellation of the ORDERS and request compensation for damages.

18. APPLICABLE LAW, COURT AND LANGUAGE

18.1 All sales contracts finalised by GEWISS, regardless of the PURCHASER'S nationality and place of destination of the PRODUCTS, are governed by Italian laws.

18.2 Application of the Vienna Convention on contracts for the international sale of goods of 11 April 1980 remains expressly excluded, as well as other statutory Conventions concerning international sales and governing conflicts between laws.

18.3 Any dispute arising between the PARTIES shall be submitted to the Italian court and solely to the Court of GEWISS' registered office, without prejudice to GEWISS' right to act at the PURCHASER'S address.

18.4 If these GENERAL CONDITIONS are drafted in more than one language, in case of conflicts, the text in Italian shall be decisive.

LED Warranty



WARRANTY CONDITIONS FOR GEWISS PRODUCTS WITH LED TECHNOLOGY

1.

This warranty is provided by Gewiss S.p.A. (hereinafter "Gewiss") in favour of the purchasers (hereinafter "Purchasers" or, individually, the "Purchaser") of Gewiss lighting products with LED technology (hereinafter "Products" or, individually, the "Product"), subject to the condition that the Purchaser has bought the Products in new conditions, in their original package and complete of their handling instructions.

2.

This warranty does not affect, but it is in addition to the guarantee rights provided by law and by Gewiss general sales conditions, or contractually agreed between Gewiss and the Purchaser.

3.

This warranty covers the Product defects, which can be demonstrated to be determined by raw material defects, or by constructive or manufacturing defects, for the period indicated in the table below, starting from the date of purchase of the Product.

Product	Warranty period
Street lighting ranges: Street, Urban and Road	5 years
Smart[Pro] range	5 years
Smart[4] range	5 years
Smart[3] expect Compact and Super	5 years
Astrid 60x60, 62x62 e 30x120 range	5 years
Esalite range	5 years
Smart[3] Compact and Super	3 years
All the others LED products	2 years

4.

Products shall not be considered defective when at least one of the situations indicated below occurs:

- less than 20% malfunction LEDs in each Product,
- a variation of the light flux up to 0,4%/1.000 working hours, that is considered to be conform to the state of the technology art;
- a defect of the driver not exceeding the nominal failure rate, which is considered equal to 0,1%/1.000 working hours, at the average temperature of 25° C, increased of further 0,1%/1.000 working hours per each 10° C of average temperature, exceeding 25° C;
- Product components subject to wear and tear (such as batteries) and parties subject to a natural aesthetic decay, which does not affect the functionality or the safety of use of the Product.

5.

Gewiss, if the Product falls within the scope of this warranty, shall choose – at its sole discretion – whether to refund the Purchaser of the purchase price of the Product, or to repair the Product, or replace it with a Product of equivalent price and equivalent performances.

6.

Gewiss, when it chooses to repair the Product, may use new or reconditioned parts, guaranteeing in this case that the substitutive components are equivalent to the substituted ones in terms of performance and reliability. Whatever it is the solution chosen by Gewiss, none of these options involves the change or extension of the original warranty term of validity, i.e. starting from the purchase date of the Product.

7.

The Purchaser, subject to forfeiture of the warranty, shall notify the existence of defects to Gewiss e-mail gestioneresi@gewiss.com no later than thirty days from the discovery of the defect, providing at the same time: (i) a document proving the purchase date (for example: purchase invoice) and (ii) the data indicated on the label of the defected Product, including the production lot. Upon receipt of the notification and of the documents indicated above, Gewiss can ask the Purchaser to promptly return the Product directly to Gewiss, or to a sales point authorized by the same.

8.

In any case, the warranty does not apply when the defectiveness of the Product is determined by:

- fire, Acts of God, vandalism, negligence, installation not properly set up or installation carried out by people not adequately qualified, use not allowed or use different than the purpose for which the Product was intended;
- improper installation, wrong supply voltage and wrong wiring of the Products;
- overcoming of the limits foreseen by Gewiss on the Products or packaging labels, on the instructions sheet or, if they are lacking, by the Regulations EN 60598 and EN 61547 concerning: overvoltage, voltage fluctuations, included harmonic oscillations and fast transients, electrostatic discharges, injected power supplies, presence of radio frequency electromagnetic fields, magnetic fields at mains frequency, voltage pulses, dips and short voltage interruptions, induced mechanical vibrations, harmonic oscillations and resonance associated with movements of air circulating around the Product, impacts, shocks, accelerations, aggressive atmospheres, temperature and its rapid changes, humidity, atmospheric pressure, presence of water, presence of sand or dust, solar radiation, thermic irradiation, wind, ice or frost, hail, condensation, contact with chemicals, presence of flora, presence of fauna, presence of moulds, vandalism, inadequate storage or transport conditions, or in any case, any other environmental condition, mechanical, electrical or thermal not expressly permitted;
- improper or inadequate maintenance, if allowed or prescribed by Gewiss, or maintenance performed by a person not adequately qualified;
- Product modification or repair performed by the Purchaser or by its delegate, without the express written consent by Gewiss.

With reference to the situations mentioned above, the Purchaser, upon Gewiss request, shall provide appropriate and complete proof about the proper use, the proper installation and maintenance of the Product, such as about the environmental and the installation context of the same.

9.

The warranty does not cover the costs incurred for the elimination of the defects, including – by way of indication only – the costs of disassembly and assembly, transportation or shipping costs of the defective or repaired Product, the rental costs of any lifting device.

10.

Except to the binding extent required by Law and with the exclusion of wilful misconduct and gross negligence, in no event Gewiss shall be liable for damages resulting from any breach, as well as from any direct or indirect damages caused by faults or defects of the Products, or by their malfunction such as by repairs or replacements, among which, by way of example, loss of profits, lack of savings, loss of reputation, loss of goodwill, block of plants in which the Products are destined to work. In any case, Gewiss liability shall not exceed the purchase price of the defective Product.

11.

Gewiss reserves the right to modify these warranty conditions at any time, by publishing the new terms on its website www.gewiss.com and on its catalogues.

12.

This warranty is valid for Products purchased starting from the date below.

Effective date: December 5th 2018

Icon key

REGULATORY ICONS



Device for flammable surfaces



Low surface temperature device

**GWT
650°C**

Glow Wire Test



Class I



Double insulation



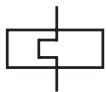
Class III



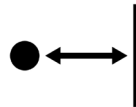
Impact resistance

IP

IP degree of protection



Ballast with thermal protection integrated



Minimum distance from the lighted object



Maximum wind exposed surface

DIN 18032-3



Luminaire approved for gym



Luminaire for explosion environments

**IK
07**

IK degree of protection

TECHNICAL ICONS



Symmetrical restricted beam optics floodlight



Symmetrical diffused beam optics floodlight



Circular optics floodlight



Variable focus circular optics floodlight



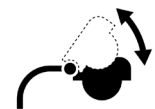
Asymmetrical restricted beam optics floodlight



Asymmetrical diffused beam optics floodlight



Street optics floodlight



Adjustable street lighting



Restricted beam optics industrial high bay



Diffused beam optics industrial high bay



Transparent beam optics industrial high bay



Indirect optics device



Ground recessed luminaire with symmetrical optic



Ground recessed luminaire with asymmetrical optic



Wall washer luminaire with symmetrical optic



Wall recessed luminaire with symmetrical optic



Wall recessed luminaire with asymmetrical optic



Decorative device



Dual power regime



Outdoor device

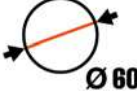


Indoor/outdoor device



Indoor device

LUMINAIRE ICONS

 KCG	Electromagnetic Ballast	 EVG	Electronic Ballast		Not wired	 RIACCENSIONE A CALDO	Hot re-strike
	Adjustable lamp position	 PMMA	PMMA globe	 EMERGENCY	Emergency device	 Ni - Cd	Ni - Cd accumulator
 Ni - Mh	Ni - Mh accumulator		Fast wiring device	 Ø 60	Conical pole	PWM	Device via PWM protocol
DMX	Device via DMX protocol	 LED RGB	RGB LED version	 WITH LAMP	Luminaire completed with lamp	 5 YEARS WARRANTY	5 years warranty
 5 YEARS WARRANTY	5 years warranty See "plastic products warranty"	 3 YEARS WARRANTY	3 years warranty	 EXTENDED WARRANTY	Extended warranty	 CONSTANT CURRENT DRIVER	Constant current driver
 < 1%	Reduced light pollution device	 0 Cd	Non light polluting device	DALI	Dimmable device with DALI protocol		Led Device
 1-10V	Device with possible dimmer 1-10V						



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