



Coreline tempo large

BVP130 LED160-4S/740 A

BVP130 - LED module 16,000 lm - 4th generation, screw fixation - 740 neutral white - Asymmetrical

CoreLine tempo large is a highly efficient range of floodlights designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

Product data

General Information		CE mark	CE mark
Number of light sources	60 pcs	ENEC mark	ENEC mark
Lamp family code	LED module 16,000 lm	UL mark	-
Lamp version	4S [4th generation, screw fixation]	Warranty period	3 years
Light source color	740 neutral white	Optic type outdoor	Asymmetrical
Light source replaceable	Yes	RAL color	Gray aluminum (9007)
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	Power supply unit	Spare parts available	Yes
Driver included	Yes	Number of products on MCB of 16 A type B	1
Optical cover/lens type	Flat glass	Lifecycle services	Maintenance services
Luminaire light beam spread	52° x 102°	Photobiological risk	Risk group 1
Connection	External connector	Product recyclability	95%
Cable	Cable 0.2 m with cable connector	RoHS mark	RoHS mark
Protection class IEC	Safety class I	WEEE mark	WEEE mark
Flammability mark	For mounting on normally flammable surfaces	Light source engine type	LED
		Accessory PFC	N/A

Coreline tempo large

Product family code	BVP130
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Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Driver current	780 mA
Power Factor (Max)	0.9
Power Factor (Min)	0.9
Power Factor (Nom)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	486 mm
Overall width	389 mm
Overall height	40 mm
Effective projected area	0.15 m ²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
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Initial Performance (IEC Compliant)

Initial luminous flux	16000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.382, 0.379) SDCM <3
Initial input power	120 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Abrupt failure value at L80B10	1.4 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	92

Application Conditions

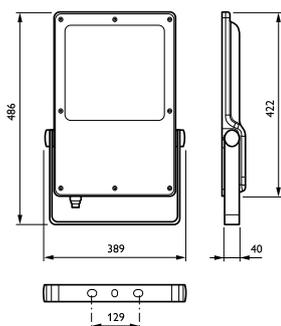
Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C

Product Data

Full product code	871869909641000
Order product name	BVP130 LED160-4S/740 A
EAN/UPC - Product	8718699096410
Order code	912300023662
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023662
Net Weight (Piece)	7.500 kg



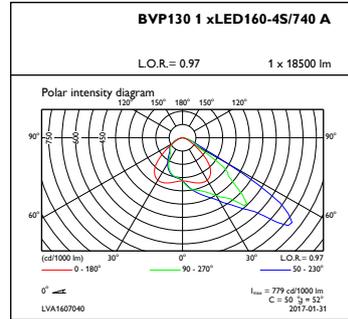
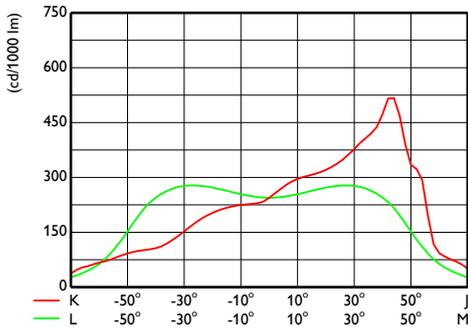
Dimensional drawing



CoreLine Tempo BVP110/120/130

Coreline tempo large

Photometric data



OFCS1_BVP1301xLED160740A

OFPC1_BVP1301xLED160740A

