

PHILIPS**Lighting**

CoreLine Malaga LED

BRP101 LED44/740 II DM

CoreLine Malaga LED, Road & street light, 25 W, 3784 lm, 4000 K, CRI70, Distribution medium, Safety class II, IP65, SRG4-4

The Philips CoreLine Malaga LED family consists of two sizes for urban street lighting. Both use a Philips LED engine as a light source and a Philips Xitanium driver - a combination that results in energy savings of 50%. CoreLine Malaga LED has been designed to be as efficient as possible. It offers the same performance as the SON-T 50, 70, 100 and 150W luminaires it replaces, providing the right amount of light in the right place. Furthermore, as the LED light engine in CoreLine Malaga LED will last for the lifetime of the luminaire, it will return your investment simply by saving on the multiple lamp replacements required with SON-T. With its extended gland feature, the CoreLine Malaga LED luminaire is easy to install with no need to open the luminaire to connect the power cable. At the same time, the flat glass cover can be removed to allow access to the driver for maintenance, if required. Special versions of Malaga lighting are available with extra options. However, these specials are manufactured to order only, and have a longer delivery time. The options include: Wide beam (DW) optic, additional surge protection device (10kV), Marine Salt Protection (MSP) paint finish, Micro Mini Pro photocell 35 Lux, a built-in (glass) 6A fuse, and a 3-meter external flying lead cable (H07RN-F). Not all these options can always be combined with each other. For more advice, please consult your Philips partner.

Product data

General Information		Value ladder	Performance
Lamp family code	LED44 [LED module 4400 lm]	Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Number of gear units	1 unit		
Driver included	Yes		
Light source engine type	LED		
Service tag	Yes	Warranty period	5 years

CoreLine Malaga LED

Sustainability rating	-	Overall width	217 mm
Light Technical			
Upward light output ratio	0	Overall height	78 mm
Luminous Flux	3,784 lm	Dimensions (Height x Width x Depth)	78 x 217 x 333 mm
Correlated Color Temperature (Nom)	4000 K	Optical finish	Clear
Luminous Efficacy (rated) (Nom)	135 lm/W	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	70	Mech. impact protection code	IK08 [5 J vandal-protected]
Light source color	740 neutral white	Standard tilt angle posttop	-
Luminaire light beam spread	-	Standard tilt angle side entry	0°
Optic type outdoor	Distribution medium	Optical cover type	Flat glass
Effective projected area	0.0225 m ²	Net Weight (Piece)	2.200 kg
Operating and Electrical			
Input Voltage	220 to 240 V	Flammability mark	-
Line Frequency	50 to 60 Hz	CE mark	Yes
Initial CLO power consumption	N/A W W W	ENEC mark	ENEC mark
Average CLO power consumption	N/A W W	Photobiological risk	Photobiological risk group 1@200mm to EN62778
End CLO power consumption	N/A W W W	EU RoHS compliant	Yes
Inrush current	7.1 A	Performance ambient temperature T _q	25 °C
Inrush time	61.2 ms	Ambient temperature range	-40 to +35 °C
Power Consumption	25 W		
Power Factor (Fraction)	0.97		
Connection	Push-in connector and pull relief		
Cable	-		
Number of products on MCB of 16 A type B	11		
Protection class IEC	Safety class II		
Surge Protection (Common/Differential)	Surge protection level until 4 kV differential mode and 4 kV common mode		
Feed-through wiring	-		
Controls and Dimming			
Dimmable	No	Luminous flux tolerance	+/-7%
Driver/power unit/transformer	Power supply unit (On/Off)	Initial chromaticity	(0.41, 0.39) SDCM ≤5
Constant light output	No	Power consumption tolerance	+/-10%
Maximum dim level	Not applicable	Init. Color Rendering Index Tolerance	+/-2
Photocell	-		
Mechanical and Housing			
Housing Material	Aluminum die cast		
Reflector material	-		
Optic material	Polymethyl methacrylate		
Optical cover material	Tempered glass		
Fixation material	Aluminum		
Housing Color	Gray		
Mounting device	Universal for diameter 42 to 60 mm adjustable		
Optical cover shape	Flat		
Optical cover finish	Clear		
Reflector Finish	-		
Overall length	333 mm		
Product Data			
Order product name	BRP101 LED44/740 II DM		
Full product name	BRP101 LED44/740 II DM		
Full product code	872016947185600		
Order code	910925869856		
Material Nr. (12NC)	910925869856		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8720169471856		
Numerator - Packs per outer box	1		
EAN/UPC - Case	8720169471856		
Product family code	BRP101 [CoreLine Malaga LED small]		

CoreLine Malaga LED

Dimensional drawing

