



CoreLine Malaga LED

BRP102 LED55/740 DW PZM-35

CoreLine Malaga LED large - LED module 5500 lm - Power supply unit - Safety class I (I) - Distribution wide - Universal for diameter 42-60 mm adjustable

The CoreLine Malaga LED family consists of two sizes and uses a Philips standardized design LED engine as light source and a Philips Xitanium fixed output outdoor driver. Quality you can rely on. At the same time, the investment in a CoreLine Malaga LED luminaire is in many cases on the same level as an old SON-T luminaire including the first lamp. As the LED light engine in CoreLine Malaga LED will last the lifetime of the luminaire, just by saving the multiple lamp replacements needed with SON-T will already return the investment in it. Ease of installation is obtained through the extended gland feature; the luminaire does not need to be opened 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. Adding up the functions and features truly make the choice for CoreLine Malaga LED an easy decision. As a member of the CoreLine family, Malaga LED is easy and quick available thru Philips Partners near you. CoreLine Malaga LED has been designed as efficient as possible, with the same performance as the SON-T 50, 70, 100 and 150W luminaires it replaces; provide the right amount of light in the right place. The medium beam (DM) optic delivers an efficient distribution onto the road. The combination results in interesting energy savings which reduce operating costs significantly. 50% energy reduction is realistically possible. Special versions with several options are available. As these are specials, and manufactured to order received only, these specials do have a longer delivery time. Options available are: Wide beam (DW) optic; Added surge protection device 10kV (SRG10); Marine Salt Protection (MSP) paint finish; Micro Mini Pro photocell 35 Lux; Build in (glass) fuse 6A; 3 meters external flying lead cable (H07RN-F); Not all these options can always be combined with each other. Please consult your Philips partner for details in case of interest or doubt.

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Product data

General Information	
Lamp family code	LED55 [LED module 5500 lm]
Light source color	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	-
Control interface	-
Connection	PIP [Push-in connector and pull relief]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution wide
Constant light output	No
Number of products on MCB of 16 A type B	11
EU RoHS compliant	Yes
Light source engine type	LED
Product family code	BRP102 [CoreLine Malaga LED large]
Light Technical	
Upward light output ratio	0
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	N/A W
Average CLO power consumption	N/A W
End CLO power consumption	N/A W
Inrush current	46 A
Inrush time	440 ms
Power Factor (Min)	0.98
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass
Fixation material	Aluminum
Mounting device	42/60A [Universal for diameter 42-60 mm adjustable]

Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	493 mm
Overall width	217 mm
Overall height	79 mm
Overall diameter	520 mm
Effective projected area	0.22526 m ²
Color	Gray
Dimensions (Height x Width x Depth)	79 x 217 x 493 mm (3.1 x 8.5 x 19.4 in)

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4600 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	118 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.41, 0.39) SDCM ≤5
Initial input power	39 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

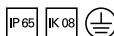
Lumen maintenance at median useful life*	L70
	100000 h

Application Conditions

Ambient temperature range	-40 to +35 °C
Maximum dim level	Not applicable

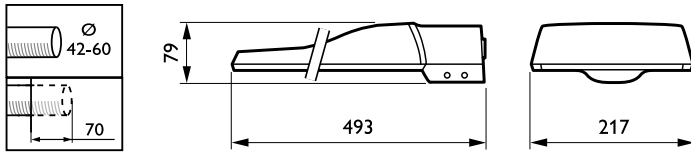
Product Data

Full product code	871869944821900
Order product name	BRP102 LED55/740 DW PZM-35
EAN/UPC - Product	8718699448219
Order code	44821900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925865554
Net Weight (Piece)	3.300 kg



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Dimensional drawing



CoreLine Malaga LED BRP101/102

