



For every project where light really matters, simply efficient street lighting

CoreLine Malaga LED

The Philips CoreLine Malaga LED family consists of two sizes for urban street lighting. Both feature 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 150-W 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 (10 kV), Marine Salt Protection (MSP) paint finish, Micro Mini Pro photocell 35 Lux, a built-in (glass) 6A fuse, and a 3-metre external flying lead cable (H07RN-F). Not all of these options can always be combined with the others. For more advice, please consult your Philips partner.

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Benefits

- Reliable quality: aluminium die-cast housing, tempered flat glass
- Easy return on investment: fewer lamp replacements (than SON-T) to save on costs, plus energy savings of 50% to reduce annual running costs
- Durable operation (IP65, IK08)
- Easy maintenance, installation and spare parts information with Signify Service tag (unique QR identification)

Features

- Direct, 1:1 replacement for SON-T lamps in road lighting, street lighting and urban lighting applications.
- Robust design with Philips standardised LED light platform and fixed output Philips Xitanium outdoor driver.
- Easy installation with extended gland – no need to open luminaire.
- 100,00 hours lifetime L70 (or 75,000 hours L80) at Tq +25 °C).
- 5-year warranty

Application

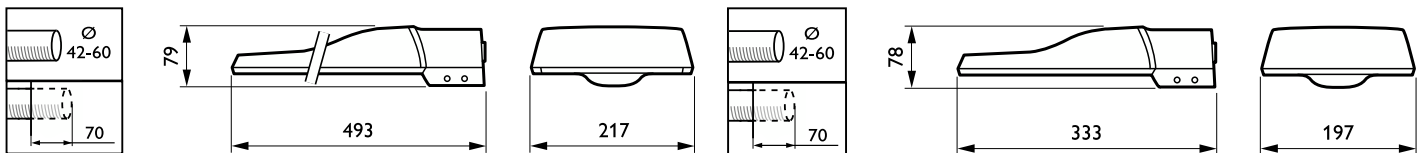
- Car parks
- Industrial areas
- Public transport such as bus or tram stops

Versions



CoreLine Malaga LED-BRP101

Dimensional drawing



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General Information	
Driver included	Yes
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Luminaire light beam spread	-
Light source colour	740 neutral white
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	70
Optic type outdoor	Distribution medium
Upwards light output ratio	0
Operating and Electrical	
Surge Protection (Common/ Differential)	Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Flat glass
Housing Colour	Grey
Mech. impact protection code	IK08
Ingress protection code	IP65
Standard tilt angle side entry	0°
Standard tilt angle post-top	-
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Lamp family code
910925869855	BRP101 LED44/740 I DM	LED44
910925869859	BRP102 LED58/740 I DM	LED58
910925869861	BRP102 LED74/740 I DM	LED74
910925869863	BRP102 LED110/740 I DM	LED110

Light Technical

Order Code	Full Product Name	Luminous Flux
910925869855	BRP101 LED44/740 I DM	3,784 lm
910925869859	BRP102 LED58/740 I DM	5,162 lm

Order Code	Full Product Name	Luminous Flux
910925869861	BRP102 LED74/740 I DM	6,512 lm
910925869863	BRP102 LED110/740 I DM	9,680 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925869855	BRP101 LED44/740 I DM	25 W
910925869859	BRP102 LED58/740 I DM	37 W

Order Code	Full Product Name	Power Consumption
910925869861	BRP102 LED74/740 I DM	47 W
910925869863	BRP102 LED110/740 I DM	69 W

Product Data

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Order Code	Full Product Name	Product family code
910925869855	BRP101 LED44/740 I DM	BRP101
910925869859	BRP102 LED58/740 I DM	BRP102

Order Code	Full Product Name	Product family code
910925869861	BRP102 LED74/740 I DM	BRP102
910925869863	BRP102 LED110/740 I DM	BRP102

