



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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Product details



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BRP101_102-1DPP.TIF



CoreLine_Malaga_LED-
BRP101_102-2DPP.TIF



CoreLine_Malaga_LED-
BRP101_102-3DPP.TIF



CoreLine_Malaga_LED-
BRP101_102-4DPP.TIF



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General Information

CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	No
Number of gear units	Unit

Light Technical

Luminaire light beam spread	-
Light source colour	740 neutral white
Correlated Colour Temperature	4000 K
Optical cover type	Flat glass
Colour rendering index (CRI)	70
Optic type outdoor	Distribution medium
Standard tilt angle side entry	0°
Standard tilt angle post-top	-
Upwards light output ratio	0

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Colour	Grey
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Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP65
Surge Protection (Common/ Differential)	Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode

Application Conditions

Maximum dim level	Not applicable
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General Information

Order Code	Full Product Name	Lamp family code	Product family code
99815100	BRP101 LED37/740 I DM	LED37	BRP101
99817500	BRP102 LED55/740 I DM	LED55	BRP102
99819900	BRP102 LED75/740 I DM	LED75	BRP102
99820500	BRP102 LED75/740 II DM	LED75	BRP102
99821200	BRP102 LED110/740 I DM	LED110	BRP102

Light Technical

Order Code	Full Product Name	Luminous Flux
99815100	BRP101 LED37/740 I DM	3,054 lm
99817500	BRP102 LED55/740 I DM	4,600 lm
99819900	BRP102 LED75/740 I DM	6,133 lm

Order Code	Full Product Name	Luminous Flux
99820500	BRP102 LED75/740 II DM	6,133 lm
99821200	BRP102 LED110/740 I DM	9,006 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
99815100	BRP101 LED37/740 I DM	29.5 W
99817500	BRP102 LED55/740 I DM	39.0 W
99819900	BRP102 LED75/740 I DM	56.5 W

Order Code	Full Product Name	Power Consumption
99820500	BRP102 LED75/740 II DM	56.5 W
99821200	BRP102 LED110/740 I DM	83.0 W

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