



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 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.

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Benefits

- Reliable quality: aluminum die-cast housing, tempered flat glass
- Easy return on investment: fewer lamp replacements (than SON-T) to save on costs, plus 50% energy savings to reduce annual running costs
- Durable operation (IP65, IK08)
- Easy maintenance, installation and spare part 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 standardized 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

- Parking lots
- Industrial areas
- Public transport such as bus or tramway stops

Specifications

Ambient Temperature	-40 to +35 °C	Driver	Power supply unit (Power supply unit)
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Versions

Coreline Malaga LED - LED
module 3700 lm



CoreLine Malaga LED large - LED
module 5500 lm



CoreLine Malaga LED

Product details



CoreLine_Malaga_LED-
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



CoreLine_Malaga_LED-
BRP101_102-5DPP.TIF



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DPP.TIF



CoreLine_Malaga_LED-BRP102-
DPP.TIF

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Accessories



Post-top adaptor 60 mm

Ordercode 910925227912



CoreLine Malaga LED small - -

Ordercode 910925868646

Application conditions

Maximum dim level Not applicable

Approval and application

Mech. impact protection code IK08

Controls and dimming

Dimmable No

General information

Luminaire light beam spread -
 CE mark CE mark
 Light source color 740 neutral white
 Optical cover/lens type Flat glass
 Driver included Yes
 Flammability mark -
 Light source replaceable No
 Number of gear units 1 unit

Initial performance (IEC compliant)

Init. Corr. Color Temperature 4000 K
 Init. Color Rendering Index 70

Light technical

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

Mechanical and housing

Color Gray

Approval and application

Order Code	Full Product Name	Surge Protection (Common/Differential)
910925865338	BRP101 LED37/740 I DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865339	BRP101 LED37/740 II DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865552	BRP101 LED37/740 II DW SDM10	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
910925865553	BRP101 LED37/740 DM FU	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925867783	BRP101 LED37/740 II DM MSP	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865340	BRP102 LED55/740 I DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865341	BRP102 LED55/740 II DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865342	BRP102 LED75/740 I DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865343	BRP102 LED75/740 II DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865344	BRP102 LED110/740 I DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865345	BRP102 LED110/740 II DM	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865554	BRP102 LED55/740 DW PZM-35	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925865555	BRP102 LED75/740 II DM SDM10	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
910925865556	BRP102 LED110/740 II DW FU	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925868133	BRP102 LED55/740 II DM MSP	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925868134	BRP102 LED75/740 II DM MSP	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
910925868135	BRP102 LED110/740 II DM MSP	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

General information

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Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code	Service tag
910925865338	BRP101 LED37/740 I DM	LED37	Distribution medium	BRP101	Yes
910925865339	BRP101 LED37/740 II DM	LED37	Distribution medium	BRP101	-
910925865552	BRP101 LED37/740 II DW SDM10	LED37	Distribution wide	BRP101	-
910925865553	BRP101 LED37/740 DM FU	LED37	Distribution medium	BRP101	-
910925867783	BRP101 LED37/740 II DM MSP	LED37	Distribution medium	BRP101	-
910925865340	BRP102 LED55/740 I DM	LED55	Distribution medium	BRP102	-
910925865341	BRP102 LED55/740 II DM	LED55	Distribution medium	BRP102	-
910925865342	BRP102 LED75/740 I DM	LED75	Distribution medium	BRP102	-
910925865343	BRP102 LED75/740 II DM	LED75	Distribution medium	BRP102	-

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code	Service tag
910925865344	BRP102 LED110/740 I DM	LED110	Distribution medium	BRP102	-
910925865345	BRP102 LED110/740 II DM	LED110	Distribution medium	BRP102	-
910925865554	BRP102 LED55/740 DW PZM-35	LED55	Distribution wide	BRP102	-
910925865555	BRP102 LED75/740 II DM SDM10	LED75	Distribution medium	BRP102	-
910925865556	BRP102 LED110/740 II DW FU	LED110	Distribution wide	BRP102	-
910925868133	BRP102 LED55/740 II DM MSP	LED55	Distribution medium	BRP102	-
910925868134	BRP102 LED75/740 II DM MSP	LED75	Distribution medium	BRP102	-
910925868135	BRP102 LED110/740 II DM MSP	LED110	Distribution medium	BRP102	-

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial luminous flux
910925865338	BRP101 LED37/740 I DM	3054 lm
910925865339	BRP101 LED37/740 II DM	3054 lm
910925865552	BRP101 LED37/740 II DW SDM10	3054 lm
910925865553	BRP101 LED37/740 DM FU	3054 lm
910925867783	BRP101 LED37/740 II DM MSP	3054 lm
910925865340	BRP102 LED55/740 I DM	4600 lm
910925865341	BRP102 LED55/740 II DM	4600 lm
910925865342	BRP102 LED75/740 I DM	6133 lm
910925865343	BRP102 LED75/740 II DM	6133 lm

Order Code	Full Product Name	Initial luminous flux
910925865344	BRP102 LED110/740 I DM	9006 lm
910925865345	BRP102 LED110/740 II DM	9006 lm
910925865554	BRP102 LED55/740 DW PZM-35	4600 lm
910925865555	BRP102 LED75/740 II DM SDM10	6133 lm
910925865556	BRP102 LED110/740 II DW FU	9006 lm
910925868133	BRP102 LED55/740 II DM MSP	4600 lm
910925868134	BRP102 LED75/740 II DM MSP	6133 lm
910925868135	BRP102 LED110/740 II DM MSP	9006 lm

Over time performance (IEC compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
910925865338	BRP101 LED37/740 I DM	-
910925865339	BRP101 LED37/740 II DM	-
910925865552	BRP101 LED37/740 II DW SDM10	0.05 %
910925865553	BRP101 LED37/740 DM FU	0.05 %
910925867783	BRP101 LED37/740 II DM MSP	-
910925865340	BRP102 LED55/740 I DM	-
910925865341	BRP102 LED55/740 II DM	-
910925865342	BRP102 LED75/740 I DM	-
910925865343	BRP102 LED75/740 II DM	-

Order Code	Full Product Name	Driver failure rate at 5000 h
910925865344	BRP102 LED110/740 I DM	-
910925865345	BRP102 LED110/740 II DM	-
910925865554	BRP102 LED55/740 DW PZM-35	0.05 %
910925865555	BRP102 LED75/740 II DM SDM10	0.05 %
910925865556	BRP102 LED110/740 II DW FU	0.05 %
910925868133	BRP102 LED55/740 II DM MSP	-
910925868134	BRP102 LED75/740 II DM MSP	-
910925868135	BRP102 LED110/740 II DM MSP	-

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