



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)

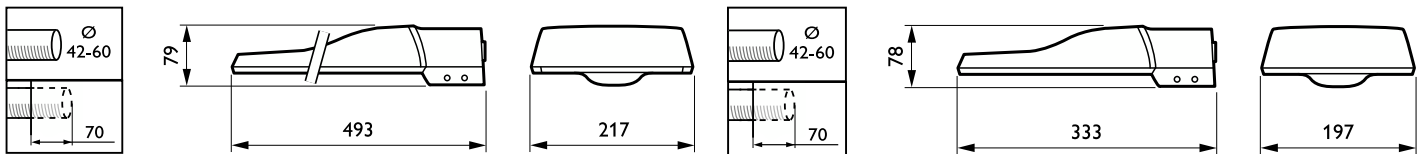
Features

- 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

Dimensional drawing



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General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	-
Color rendering index (CRI)	70
Optic type outdoor	Distribution medium
Upward light output ratio	0
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Flat glass
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP65
Standard tilt angle side entry	0°
Standard tilt angle posttop	-
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
910925869856	BRP101 LED44/740 II DM	LED44
910925869857	BRP101 LED44/740 II DW SDM10	LED44
910925869858	BRP101 LED44/740 II DM MSP	LED44
910925869866	BRP101 LED41/730 I DW	LED41
910925869867	BRP101 LED41/730 II DW	LED41
910925869868	BRP101 LED41/730 II DM	LED41
910925869869	BRP101 LED41/730 II DM SDM10	LED41
910925869859	BRP102 LED58/740 I DM	LED58
910925869860	BRP102 LED58/740 II DM	LED58
910925869861	BRP102 LED74/740 I DM	LED74
910925869862	BRP102 LED74/740 II DM	LED74
910925869863	BRP102 LED110/740 I DM	LED110
910925869864	BRP102 LED110/740 II DM	LED110
910925869865	BRP102 LED74/740 II DM SDM10	LED74
910925869870	BRP102 LED55/730 II DM	LED55
910925869871	BRP102 LED69/730 II DM	LED69
910925869872	BRP102 LED103/730 II DM MSP	LED103
910925869873	BRP102 LED103/730 II SDM10	LED103
910925869874	BRP102 LED103/730 II DW	LED103
910925869875	BRP102 LED103/730 II DM	LED103

Light Technical

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
910925869855	BRP101 LED44/740 I DM	740 neutral white	4000 K	3,784 lm
910925869856	BRP101 LED44/740 II DM	740 neutral white	4000 K	3,784 lm
910925869857	BRP101 LED44/740 II DW SDM10	740 neutral white	4000 K	3,784 lm
910925869858	BRP101 LED44/740 II DM MSP	740 neutral white	4000 K	3,784 lm
910925869866	BRP101 LED41/730 I DW	730 warm white	3000 K	3,526 lm
910925869867	BRP101 LED41/730 II DW	730 warm white	3000 K	3,526 lm
910925869868	BRP101 LED41/730 II DM	730 warm white	3000 K	3,526 lm
910925869869	BRP101 LED41/730 II DM SDM10	730 warm white	3000 K	3,526 lm
910925869859	BRP102 LED58/740 I DM	740 neutral white	4000 K	5,162 lm
910925869860	BRP102 LED58/740 II DM	740 neutral white	4000 K	5,162 lm

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
910925869861	BRP102 LED74/740 I DM	740 neutral white	4000 K	6,512 lm
910925869862	BRP102 LED74/740 II DM	740 neutral white	4000 K	6,512 lm
910925869863	BRP102 LED110/740 I DM	740 neutral white	4000 K	9,680 lm
910925869864	BRP102 LED110/740 II DM	740 neutral white	4000 K	9,680 lm
910925869865	BRP102 LED74/740 II DM SDM10	740 neutral white	4000 K	6,512 lm
910925869870	BRP102 LED55/730 II DM	730 warm white	3000 K	4,984 lm
910925869871	BRP102 LED69/730 II DM	730 warm white	3000 K	6,160 lm
910925869872	BRP102 LED103/730 II DM MSP	730 warm white	3000 K	9,240 lm
910925869873	BRP102 LED103/730 II SDM10	730 warm white	3000 K	9,240 lm
910925869874	BRP102 LED103/730 II DW	730 warm white	3000 K	9,240 lm

CoreLine Malaga LED

Order Code	Full Product Name	Light source	Correlated Color	
		color	Temperature (Nom)	Luminous Flux
910925869875	BRP102 LED103/730 II DM	730 warm white	3000 K	9,240 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
910925869855	BRP101 LED44/740 I DM	25 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869856	BRP101 LED44/740 II DM	25 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869857	BRP101 LED44/740 II DW SDM10	25 W	Surge protection level until 6 kV differential mode and 10 kV common mode
910925869858	BRP101 LED44/740 II DM MSP	25 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869866	BRP101 LED41/730 I DW	28 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869867	BRP101 LED41/730 II DW	28 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869868	BRP101 LED41/730 II DM	28 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869869	BRP101 LED41/730 II DM SDM10	28 W	Surge protection level until 6 kV differential mode and 10 kV common mode
910925869859	BRP102 LED58/740 I DM	37 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869860	BRP102 LED58/740 II DM	37 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869861	BRP102 LED74/740 I DM	47 W	Surge protection level until 4 kV differential mode and 4 kV common mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
910925869862	BRP102 LED74/740 II DM	47 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869863	BRP102 LED110/740 I DM	69 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869864	BRP102 LED110/740 II DM	69 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869865	BRP102 LED74/740 II DM SDM10	47 W	Surge protection level until 6 kV differential mode and 10 kV common mode
910925869870	BRP102 LED55/730 II DM	38 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869871	BRP102 LED69/730 II DM	47 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869872	BRP102 LED103/730 II DM MSP	69 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869873	BRP102 LED103/730 II SDM10	69 W	Surge protection level until 6 kV differential mode and 10 kV common mode
910925869874	BRP102 LED103/730 II DW	69 W	Surge protection level until 4 kV differential mode and 4 kV common mode
910925869875	BRP102 LED103/730 II DM	69 W	Surge protection level until 4 kV differential mode and 4 kV common mode

Product Data

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910925869855	BRP101 LED44/740 I DM	BRP101
910925869856	BRP101 LED44/740 II DM	BRP101
910925869857	BRP101 LED44/740 II DW SDM10	BRP101
910925869858	BRP101 LED44/740 II DM MSP	BRP101
910925869866	BRP101 LED41/730 I DW	BRP101

Order Code	Full Product Name	Product family code
910925869867	BRP101 LED41/730 II DW	BRP101
910925869868	BRP101 LED41/730 II DM	BRP101
910925869869	BRP101 LED41/730 II DM SDM10	BRP101
910925869859	BRP102 LED58/740 I DM	BRP102
910925869860	BRP102 LED58/740 II DM	BRP102

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910925869861	BRP102 LED74/740 I DM	BRP102
910925869862	BRP102 LED74/740 II DM	BRP102
910925869863	BRP102 LED110/740 I DM	BRP102
910925869864	BRP102 LED110/740 II DM	BRP102
910925869865	BRP102 LED74/740 II DM SDM10	BRP102
910925869870	BRP102 LED55/730 II DM	BRP102

Order Code	Full Product Name	Product family code
910925869871	BRP102 LED69/730 II DM	BRP102
910925869872	BRP102 LED103/730 II DM MSP	BRP102
910925869873	BRP102 LED103/730 II SDM10	BRP102
910925869874	BRP102 LED103/730 II DW	BRP102
910925869875	BRP102 LED103/730 II DM	BRP102

