PHILIPS Lighting



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.

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)

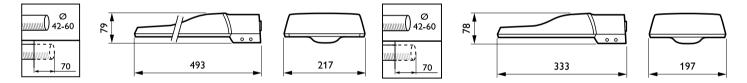
Features

- 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.
- \cdot 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



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

			Correlated Color						Correlated Color
		Light source	Temperature	Luminous				Light source	Light source Temperature
order Code	Full Product Name	color	(Nom)	Flux		Order Code	Order Code Full Product Name	Order Code Full Product Name color	Order Code Full Product Name color (Nom)
910925869855	BRP101 LED44/740 I	740 neutral	4000 K	3,784 lm		910925869861	910925869861 BRP102 LED74/740 I	910925869861 BRP102 LED74/740 I 740 neutral	910925869861 BRP102 LED74/740 I 740 neutral 4000 K
	DM	white					DM	DM white	DM white
910925869856	BRP101 LED44/740 II	740 neutral	4000 K	3,784 lm		910925869862	910925869862 BRP102 LED74/740 II	910925869862 BRP102 LED74/740 II 740 neutral	910925869862 BRP102 LED74/740 II 740 neutral 4000 K
	DM	white					DM	DM white	DM white
	BRP101 LED44/740 II		4000 K	3,784 lm		910925869863		910925869863 BRP102 LED110/740 I 740 neutral	· · · · · · · · · · · · · · · · · · ·
	DW SDM10	white			_		DM		
	BRP101 LED44/740 II		4000 K	3,784 lm		910925869864	910925869864 BRP102 LED110/740	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	DM MSP	white					II DM		
	,	730 warm	3000 K	3,526 lm		910925869865	,	910925869865 BRP102 LED74/740 II 740 neutral	,
	DW	white			-		DM SDM10		
	,	730 warm	3000 K	3,526 lm		910925869870	,	910925869870 BRP102 LED55/730 II 730 warm	,
	DW	white	2000 //	3.526 lm	-	010005000071	DM		
	BRP101 LED41/730 II DM	730 warm white	3000 K	3,526 lm		910925869871	910925869871 BRP102 LED69/730	,	,
		730 warm	3000 K	3.526 lm	-	010025860872	910925869872 BRP102 LED103/730		
	DM SDM10	white	5000 1	5,520 tin		510525005072	II DM MSP		,
	BRP102 LED58/740 I		4000 K	5,162 lm		910925869873	910925869873 BRP102 LED103/730		
	DM	white		.,			II SDM10	,	,
910925869860	BRP102 LED58/740 II	740 neutral	4000 K	5,162 lm		910925869874	910925869874 BRP102 LED103/730	910925869874 BRP102 LED103/730 730 warm	910925869874 BRP102 LED103/730 730 warm 3000 K
	DM	white					II DW	II DW white	II DW white

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

Operating and Electrical

		Power	Surge Protection (Common/			Power	Surge Protection (Common/
Order Code	Full Product Name	Consumption	Differential)	Order Code	Full Product Name	Consumption	Differential)
910925869855	BRP101	25 W	Surge protection level until 4 kV	910925869862	BRP102	47 W	Surge protection level until 4 k
LED44/740 I DM		differential mode and 4 kV		LED74/740 II DM		differential mode and 4 kV	
			common mode				common mode
910925869856	BRP101	25 W	Surge protection level until 4 kV	910925869863	BRP102	69 W	Surge protection level until 4 k
	LED44/740 II DM		differential mode and 4 kV		LED110/740 I DM		differential mode and 4 kV
			common mode				common mode
910925869857	BRP101	25 W	Surge protection level until 6 kV	910925869864	BRP102	69 W	Surge protection level until 4 k
	LED44/740 II DW		differential mode and 10 kV		LED110/740 II DM		differential mode and 4 kV
	SDM10		common mode				common mode
910925869858	BRP101	25 W	Surge protection level until 4 kV	910925869865	BRP102	47 W	Surge protection level until 6 k
	LED44/740 II DM		differential mode and 4 kV		LED74/740 II DM		differential mode and 10 kV
	MSP		common mode		SDM10		common mode
910925869866	BRP101 LED41/730	28 W	Surge protection level until 4 kV	910925869870	BRP102	38 W	Surge protection level until 4 k
	IDW		differential mode and 4 kV		LED55/730 II DM		differential mode and 4 kV
			common mode				common mode
910925869867	BRP101 LED41/730	28 W	Surge protection level until 4 kV	910925869871	BRP102	47 W	Surge protection level until 4 k
	II DW		differential mode and 4 kV		LED69/730 II DM		differential mode and 4 kV
			common mode				common mode
910925869868	BRP101 LED41/730	28 W	Surge protection level until 4 kV	910925869872	BRP102	69 W	Surge protection level until 4 k
	II DM		differential mode and 4 kV		LED103/730 II DM		differential mode and 4 kV
			common mode		MSP		common mode
910925869869	BRP101 LED41/730	28 W	Surge protection level until 6 kV	910925869873	BRP102	69 W	Surge protection level until 6 k
	II DM SDM10		differential mode and 10 kV		LED103/730 II		differential mode and 10 kV
			common mode		SDM10		common mode
910925869859	BRP102	37 W	Surge protection level until 4 kV	910925869874	BRP102	69 W	Surge protection level until 4 k
	LED58/740 I DM		differential mode and 4 kV		LED103/730 II DW		differential mode and 4 kV
			common mode				common mode
910925869860	BRP102	37 W	Surge protection level until 4 kV	910925869875	BRP102	69 W	Surge protection level until 4 k
	LED58/740 II DM		differential mode and 4 kV		LED103/730 II DM		differential mode and 4 kV
			common mode				common mode
910925869861	BRP102	47 W	Surge protection level until 4 kV				
	LED74/740 I DM		differential mode and 4 kV				
			common mode				

Product Data

Order Code	Full Product Name	Product family code
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

Order Code	Full Product Name	Product family code	Order Code	Full Product Name	Product family
910925869861	BRP102 LED74/740 I DM	BRP102	910925869871	BRP102 LED69/730 II DM	BRP102
910925869862	BRP102 LED74/740 II DM	BRP102	910925869872	BRP102 LED103/730 II DM MSP	BRP102
910925869863	BRP102 LED110/740 I DM	BRP102	910925869873	BRP102 LED103/730 II SDM10	BRP102
910925869864	BRP102 LED110/740 II DM	BRP102	910925869874	BRP102 LED103/730 II DW	BRP102
910925869865	BRP102 LED74/740 II DM SDM10	BRP102	910925869875	BRP102 LED103/730 II DM	BRP102
910925869870	BRP102 LED55/730 II DM	BRP102			



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