



# 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.

# CoreLine Malaga LED

## 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

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

## CoreLine Malaga LED

### 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<br>medium |
| Standard tilt angle side entry | 0°                     |
| Standard tilt angle post-top   | -                      |
| Upwards light output ratio     | 0                      |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                |      |
|----------------|------|
| Housing Colour | Grey |
|----------------|------|

### Approval and Application

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

### Application Conditions

|                   |                |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

### 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            |

## CoreLine Malaga LED

