



# Versatile and cost-efficient LED lighting

## ClearWay gen2

The ClearWay Gen2 enables you to enjoy the benefits of LED technology for urban lighting right from the start. This new second generation of the luminaire builds on the strengths of its predecessor and is designed to further minimise your Total Cost of Ownership. The ClearWay Gen2 significantly improves the most important aspects of the street-lighting experience compared to conventional urban lighting. Ideal for new streets and for renovating existing installations, this affordable range of urban ClearWay lighting solutions combines clean design, high-quality light with significant energy and maintenance savings. In short, ClearWay Gen2 means good-quality light with all the added benefits of LED – energy savings and long lifetime. Offering more benefits, yet packaged in a thinner and lighter design which makes it easier to install.

### Benefits

- A range of benefits packaged in one single luminaire architecture
- Easy to install
- Low initial cost
- Reasonable Total Cost of Ownership
- Signify Service tag (unique QR identification) for maintenance, installation and spare parts information

### Features

- One flexible design that offers different options depending on application needs
- Includes a dedicated light recipe that preserves dark night skies
- Compact and efficient design
- Tilt regulation with no need to open the cover

# ClearWay gen2

## Application

- Urban and residential roads
- Cycle and pedestrian paths
- Minor roads
- Car parks

## Specifications

<b>Ambient Temperature</b>	-40 to +50 °C
<b>Beam spread luminaire</b>	154° - 31° x 54°
<b>Main colour of the luminaire</b>	Grey
<b>Connection</b>	Push-in connector 5-pole (PI) (Push-in connector 5-pole (PI))
<b>Dimming</b>	No
<b>Driver</b>	Power supply unit (PSU)
<b>Initial LED luminaire efficacy</b>	141, 142, 148, 152 lm/W
<b>Initial luminous flux</b>	10200 lm, 3960 lm, 6160 lm, 7308 lm
<b>Input frequency</b>	50 to 60 Hz

<b>Input voltage</b>	220 to 240 V
<b>Light source colour</b>	740 neutral white
<b>Light source replaceable</b>	Yes
<b>Material</b>	Housing: aluminum die-cast
<b>Optic</b>	No   - Distribution medium 50
<b>Surge protection</b>	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
<b>Tilt angle housing</b>	Standard tilt angle post-top: 0°Standard tilt angle side entry: 0°
<b>Type</b>	BGP307

## Versions



ClearWay gen2 - LED module 1800 lm

## Application conditions

Maximum dimming level	Not applicable
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## Approval and application

Mech. impact protection code	IK09
Surge protection (common/differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

## Controls and dimming

Dimmable	No
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## General information

Luminaire light beam spread	154° - 31° x 54°
CE mark	Yes
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Distribution medium 50
Product family code	BGP307

## Initial performance (IEC compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	70

## Light technical

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

## Mechanical and housing

Colour	Grey
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## Over time performance (IEC compliant)

Driver failure rate at 5,000 hours	0.5 %
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## General information

Order Code	Full Product Name	Lamp family code
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	LED45
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	LED69
910925864591	BGP307 LED84-4S/740 I DM50 48/60S	LED84
910925864594	BGP307 LED120-4S/740 I DM50 48/60S	LED120

## Initial performance (IEC compliant)

Order Code	Full Product Name	Initial luminous flux
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	3960 lm
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	6160 lm

Order Code	Full Product Name	Initial luminous flux
910925864591	BGP307 LED84-4S/740 I DM50 48/60S	7308 lm
910925864594	BGP307 LED120-4S/740 I DM50 48/60S	10200 lm

