



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

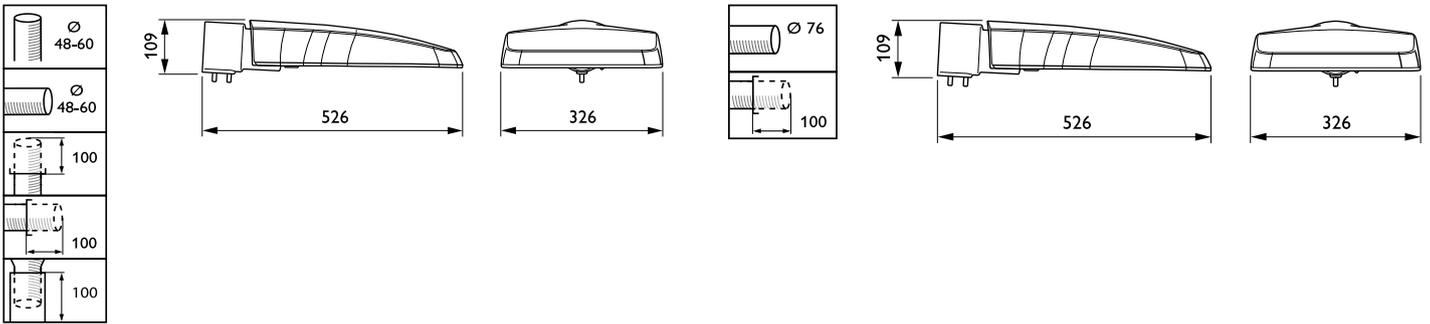
- One flexible design that offers different options depending on application needs
- Includes a dedicated light recipe that preserves dark night skies
- Compact and efficient design
- Tilt regulation with no need to open the cover

ClearWay gen2

Application

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

Dimensional drawing



General Information

| | |
|--------------------------|--------|
| CE mark | Yes |
| Driver included | Yes |
| Flammability mark | - |
| Light source replaceable | Yes |
| Number of gear units | Unit |
| Product family code | BGP307 |

Light Technical

| | |
|--------------------------------|---------------------------|
| Luminaire light beam spread | 154° - 31° x 54° |
| 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 medium 50 |
| Standard tilt angle side entry | 0° |
| Standard tilt angle post-top | 0° |
| Upwards light output ratio | 0 |

Mechanical and Housing

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

Approval and Application

| | |
|--|---|
| Mech. impact protection code | IK09 |
| Ingress protection code | IP66 |
| Surge Protection (Common/ Differential) | Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode |

Over Time Performance (IEC Compliant)

| | |
|------------------------------------|-------|
| Driver failure rate at 5,000 hours | 0.5 % |
|------------------------------------|-------|

General Information

| Order Code | Full Product Name | Lamp family code |
|------------|--|------------------|
| 98795700 | BGP307 LED18-4S/740 I DM50 48/60S | LED18 |
| 98796400 | BGP307 LED25-4S/740 I DM50 48/60S | LED25 |
| 98797100 | BGP307 LED30-4S/740 I DM50 48/60S | LED30 |
| 98798800 | BGP307 LED35-4S/740 I DM50 48/60S | LED35 |
| 98799500 | BGP307 LED40-4S/740 I DM50 48/60S | LED40 |
| 98800800 | BGP307 LED45-4S/740 I DM50 48/60S | LED45 |
| 98801500 | BGP307 LED54-4S/740 I DM50 48/60S | LED54 |
| 98802200 | BGP307 LED69-4S/740 I DM50 48/60S | LED69 |
| 98804600 | BGP307 LED99-4S/740 I DM50 48/60S | LED99 |
| 98805300 | BGP307 LED109-4S/740 I DM50 48/60S | LED109 |
| 98698100 | BGP307 LED25-4S/740 II DM50 48/60S | LED25 |
| 98705600 | BGP307 LED84-4S/740 II DM50 48/60S | LED84 |
| 99608900 | BGP307 LED18-4S/740 I DM50 DDF27 D18 48/ | LED18 |
| 99609600 | BGP307 LED30-4S/740 I DM50 DDF27 D18 48/ | LED30 |
| 99610200 | BGP307 LED35-4S/740 I DM50 DDF27 D18 48/ | LED35 |
| 99611900 | BGP307 LED54-4S/740 I DM50 DDF27 D18 48/ | LED54 |
| 99612600 | BGP307 LED69-4S/740 I DM50 DDF27 D18 48/ | LED69 |
| 99613300 | BGP307 LED120-4S/740 I DM50 DDF27 D18 48 | LED120 |

Light Technical

| Order Code | Full Product Name | Luminous Flux | Order Code | Full Product Name | Luminous Flux |
|------------|-----------------------------------|---------------|------------|--|---------------|
| 98795700 | BGP307 LED18-4S/740 I DM50 48/60S | 1,584 lm | 98805300 | BGP307 LED109-4S/740 I DM50 48/60S | 9,460 lm |
| 98796400 | BGP307 LED25-4S/740 I DM50 48/60S | 2,175 lm | 98698100 | BGP307 LED25-4S/740 II DM50 48/60S | 2,175 lm |
| 98797100 | BGP307 LED30-4S/740 I DM50 48/60S | 2,610 lm | 98705600 | BGP307 LED84-4S/740 II DM50 48/60S | 7,308 lm |
| 98798800 | BGP307 LED35-4S/740 I DM50 48/60S | 3,080 lm | 99608900 | BGP307 LED18-4S/740 I DM50 DDF27 D18 48/ | 1,584 lm |
| 98799500 | BGP307 LED40-4S/740 I DM50 48/60S | 3,520 lm | 99609600 | BGP307 LED30-4S/740 I DM50 DDF27 D18 48/ | 2,610 lm |
| 98800800 | BGP307 LED45-4S/740 I DM50 48/60S | 3,960 lm | 99610200 | BGP307 LED35-4S/740 I DM50 DDF27 D18 48/ | 3,080 lm |
| 98801500 | BGP307 LED54-4S/740 I DM50 48/60S | 4,698 lm | 99611900 | BGP307 LED54-4S/740 I DM50 DDF27 D18 48/ | 4,698 lm |
| 98802200 | BGP307 LED69-4S/740 I DM50 48/60S | 6,160 lm | 99612600 | BGP307 LED69-4S/740 I DM50 DDF27 D18 48/ | 6,160 lm |
| 98804600 | BGP307 LED99-4S/740 I DM50 48/60S | 8,600 lm | 99613300 | BGP307 LED120-4S/740 I DM50 DDF27 D18 48 | 10,200 lm |

Operating and Electrical

ClearWay gen2

| Order Code | Full Product Name | Power Consumption |
|------------|-----------------------------------|-------------------|
| 98795700 | BGP307 LED18-4S/740 I DM50 48/60S | 11.6 W |
| 98796400 | BGP307 LED25-4S/740 I DM50 48/60S | 16.2 W |
| 98797100 | BGP307 LED30-4S/740 I DM50 48/60S | 19.6 W |
| 98798800 | BGP307 LED35-4S/740 I DM50 48/60S | 21.5 W |
| 98799500 | BGP307 LED40-4S/740 I DM50 48/60S | 24.5 W |
| 98800800 | BGP307 LED45-4S/740 I DM50 48/60S | 27.5 W |
| 98801500 | BGP307 LED54-4S/740 I DM50 48/60S | 33.5 W |
| 98802200 | BGP307 LED69-4S/740 I DM50 48/60S | 40.5 W |
| 98804600 | BGP307 LED99-4S/740 I DM50 48/60S | 59 W |

| Order Code | Full Product Name | Power Consumption |
|------------|--|-------------------|
| 98805300 | BGP307 LED109-4S/740 I DM50 48/60S | 65 W |
| 98698100 | BGP307 LED25-4S/740 II DM50 48/60S | 16.2 W |
| 98705600 | BGP307 LED84-4S/740 II DM50 48/60S | 49.5 W |
| 99608900 | BGP307 LED18-4S/740 I DM50 DDF27 D18 48/ | 11.6 W |
| 99609600 | BGP307 LED30-4S/740 I DM50 DDF27 D18 48/ | 19.6 W |
| 99610200 | BGP307 LED35-4S/740 I DM50 DDF27 D18 48/ | 21.5 W |
| 99611900 | BGP307 LED54-4S/740 I DM50 DDF27 D18 48/ | 33.5 W |
| 99612600 | BGP307 LED69-4S/740 I DM50 DDF27 D18 48/ | 40.5 W |
| 99613300 | BGP307 LED120-4S/740 I DM50 DDF27 D18 48 | 72 W |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|------------|-----------------------------------|----------|
| 98795700 | BGP307 LED18-4S/740 I DM50 48/60S | No |
| 98796400 | BGP307 LED25-4S/740 I DM50 48/60S | No |
| 98797100 | BGP307 LED30-4S/740 I DM50 48/60S | No |
| 98798800 | BGP307 LED35-4S/740 I DM50 48/60S | No |
| 98799500 | BGP307 LED40-4S/740 I DM50 48/60S | No |
| 98800800 | BGP307 LED45-4S/740 I DM50 48/60S | No |
| 98801500 | BGP307 LED54-4S/740 I DM50 48/60S | No |
| 98802200 | BGP307 LED69-4S/740 I DM50 48/60S | No |
| 98804600 | BGP307 LED99-4S/740 I DM50 48/60S | No |

| Order Code | Full Product Name | Dimmable |
|------------|--|----------|
| 98805300 | BGP307 LED109-4S/740 I DM50 48/60S | No |
| 98698100 | BGP307 LED25-4S/740 II DM50 48/60S | No |
| 98705600 | BGP307 LED84-4S/740 II DM50 48/60S | No |
| 99608900 | BGP307 LED18-4S/740 I DM50 DDF27 D18 48/ | Yes |
| 99609600 | BGP307 LED30-4S/740 I DM50 DDF27 D18 48/ | Yes |
| 99610200 | BGP307 LED35-4S/740 I DM50 DDF27 D18 48/ | Yes |
| 99611900 | BGP307 LED54-4S/740 I DM50 DDF27 D18 48/ | Yes |
| 99612600 | BGP307 LED69-4S/740 I DM50 DDF27 D18 48/ | Yes |
| 99613300 | BGP307 LED120-4S/740 I DM50 DDF27 D18 48 | Yes |

Application Conditions

| Order Code | Full Product Name | Maximum dim level |
|------------|-----------------------------------|-------------------|
| 98795700 | BGP307 LED18-4S/740 I DM50 48/60S | Not applicable |
| 98796400 | BGP307 LED25-4S/740 I DM50 48/60S | Not applicable |
| 98797100 | BGP307 LED30-4S/740 I DM50 48/60S | Not applicable |
| 98798800 | BGP307 LED35-4S/740 I DM50 48/60S | Not applicable |
| 98799500 | BGP307 LED40-4S/740 I DM50 48/60S | Not applicable |
| 98800800 | BGP307 LED45-4S/740 I DM50 48/60S | Not applicable |
| 98801500 | BGP307 LED54-4S/740 I DM50 48/60S | Not applicable |
| 98802200 | BGP307 LED69-4S/740 I DM50 48/60S | Not applicable |
| 98804600 | BGP307 LED99-4S/740 I DM50 48/60S | Not applicable |

| Order Code | Full Product Name | Maximum dim level |
|------------|--|-------------------|
| 98805300 | BGP307 LED109-4S/740 I DM50 48/60S | Not applicable |
| 98698100 | BGP307 LED25-4S/740 II DM50 48/60S | Not applicable |
| 98705600 | BGP307 LED84-4S/740 II DM50 48/60S | Not applicable |
| 99608900 | BGP307 LED18-4S/740 I DM50 DDF27 D18 48/ | 0% (digital) |
| 99609600 | BGP307 LED30-4S/740 I DM50 DDF27 D18 48/ | 0% (digital) |
| 99610200 | BGP307 LED35-4S/740 I DM50 DDF27 D18 48/ | 0% (digital) |
| 99611900 | BGP307 LED54-4S/740 I DM50 DDF27 D18 48/ | 0% (digital) |
| 99612600 | BGP307 LED69-4S/740 I DM50 DDF27 D18 48/ | 0% (digital) |
| 99613300 | BGP307 LED120-4S/740 I DM50 DDF27 D18 48 | 0% (digital) |

Polar Wide Diagrams

Polar Normal (separate) - BGP307I -
910925864604

Polar Normal (separate) - BGP307I -
910925864592

Polar Normal (separate) - BGP307I -
910925864597

Polar Wide Diagrams

Polar Normal (separate) - BGP307I -
910925864587

Polar Normal (separate) - BGP307I -
910925864586

Polar Normal (separate) - BGP307I -
910925864590

Polar Normal (separate) - BGP307I -
910925865134

Polar Normal (separate) - BGP307I -
910925864593

Polar Normal (separate) - BGP307I -
910925864595

Polar Normal (separate) - BGP307I -
910925864584

Polar Normal (separate) - BGP307I -
910925864588

Polar Normal (separate) - BGP307I -
910925864589

