



# **ClearWay gen2**

## BGP307 LED69-4S/740 II DM50 48/60S

ClearWay gen2, LED module 6900 lm, 740 neutral white, Safety class II, Distribution medium 50, Universal for diameter 48 to 60 mm adjustable

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 minimize your Total Cost of Ownership. 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.

#### **Product data**

| General Information      |   |
|--------------------------|---|
| Lamp family code         | LED69 [LED module 6900 lm]                      |
| Light source replaceable | Yes   |
| Number of gear units     | 1 unit  |
| Driver included          | Yes   |
| Remarks                  | *-Per Lighting Europe guidance paper            |
|                          | "Evaluating performance of LED based            |
|                          | luminaires - January 2018": statistically there |
|                          | is no relevant difference in lumen              |
|                          | maintenance between B50 and for example         |
|                          | B10. Therefore, the median useful life (B50)    |

|                          | value also represents the B10 value. * At  |
|--------------------------|--|
|                          | extreme ambient temperatures the luminaire |
|                          | might automatically dim down to protect    |
|                          | components                                 |
| Light source engine type | LED  |
| Product family code      | BGP307 [ClearWay gen2]                     |
| Lighting Technology      | LED  |
| Value ladder             | Performance                                |
| CE mark                  | Yes  |
| Warranty period          | 5 years                                    |
| Flammability mark        | -  |
|                          |  |

## ClearWay gen2

| Overall length                      | 482 mm            |
|-------------------------------------|-------------------|
| Overall width                       | 330 mm            |
| Overall height                      | 93 mm             |
| Effective projected area            | 0.1151 m²         |
| Dimensions (Height x Width x Depth) | 93 x 330 x 482 mm |

| Approval and Application               |  |
|--|--|
| Ingress protection code                | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK09 [10 J]                                  |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV  |
|  | differential mode and 8 kV common mode       |
| Sustainability rating                  | Lighting for circularity                     |
| Protection class IEC                   | Safety class II                              |
| Photobiological risk                   | Photobiological risk group 1@ 200mm to       |
|  | EN62471                                      |
| Photobiological risk specification     | 3.1 m  |

| Initial Performance (IEC Compliant)   |                      |
|---------------------------------------|----------------------|
| Luminous flux tolerance               | +/-7%                |
| Initial chromaticity                  | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance           | +/-10%               |
| Init. Color Rendering Index Tolerance | +/-2                 |

| Over Time Performance (IEC Compliant)      |       |
|--|-------|
| Driver failure rate at 5000 h              | 0.5 % |
| Control gear failure rate at median useful | 5 %   |
| life 50000 h                               |       |
| Control gear failure rate at median useful | 10 %  |
| life 100000 h                              |       |
| Lumen maintenance at median useful         | L97   |
| life* 100000 h                             |       |
|  |       |

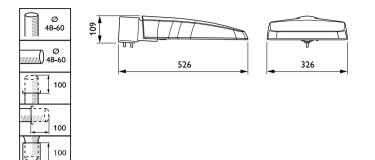
### Application Conditions

| Performance ambient temperature Tq | 25 °C          |
|------------------------------------|----------------|
| Maximum dim level                  | Not applicable |

| Product Data                    |                                    |
|---------------------------------|------------------------------------|
| Order product name              | BGP307 LED69-4S/740 II DM50 48/60S |
| Full product name               | BGP307 LED69-4S/740 II DM50 48/60S |
| Full product code               | 871869698704900                    |
| Order code                      | 910925864603                       |
| Material Nr. (12NC)             | 910925864603                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8718696987049                      |
| Numerator - Packs per outer box | 1                                  |
| EAN/UPC - Case                  | 8718696987049                      |
|                                 |                                    |

## ClearWay gen2

#### Dimensional drawing





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