



ClearWay gen2

BGP307 LED54-4S/740 II DM11 CLO-DDF2 D18

ClearWay gen2, LED module 5400 lm, 740 neutral white, Safety class II, Distribution medium 11, 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 | LED54 [LED module 5400 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 | - |
| | |

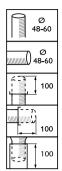
Datasheet, 2024, March 14 data subject to change

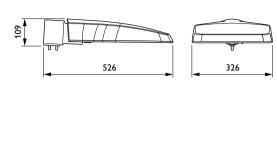
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| ENEC mark EU ROHS compliant No Overall length 482 mm Overall width 330 mm Light Technical Upward light output ratio O Effective projected area Oili51 m² Luminous Flux 4,524 lm Dimensions (Height x Width x Depth) Standard tilt angle posttop Standard tilt angle side entry O° Approval and Application Ingress protection code Luminous Efficacy (rated) (Nom) 141 lm/W Mech. impact protection code IKO9 [10 J] Color rendering index (CRI) 70 Surge Protection (Common/Differential) Luminare surge protection level ur differential mode and 8 kV common Optic type - Sustainability rating Lighting for circularity |
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| Coverall width 330 mm Light Technical Overall height 93 mm Upward light output ratio 0 Effective projected area 0.1151 m² Luminous Flux 4,524 lm Dimensions (Height x Width x Depth) 93 x 330 x 482 mm Standard tilt angle posttop 0° Standard tilt angle side entry 0° Approval and Application Correlated Color Temperature (Nom) 4000 K Ingress protection code IP66 [Dust penetration-protected, Luminous Efficacy (rated) (Nom) 141 lm/W Mech. impact protection code IK09 [10 J] Color rendering index (CRI) 70 Surge Protection (Common/Differential) Luminaire surge protection level undifferential mode and 8 kV common Optic type - Sustainability rating Lighting for circularity |
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| Light source color 740 neutral white differential mode and 8 kV common of the common |
| Optic type - Sustainability rating Lighting for circularity |
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| Optical cover type Flat glass Protection class IEC Safety class II |
| Luminaire light beam spread 160° - 42° x 54° Photobiological risk Photobiological risk Photobiological risk group 1 @ 200 |
| Optic type outdoor Distribution medium 11 EN62471 |
| Photobiological risk specification 3.1 m |
| Operating and Electrical |
| Input Voltage 220 to 240 V Initial Performance (IEC Compliant) |
| Line Frequency 50 to 60 Hz Luminous flux tolerance +/-7% |
| Initial CLO power consumption32 WInitial chromaticity(0.38, 0.38) SDCM <5 |
| Average CLO power consumption 32.5 W Power consumption tolerance +/-10% |
| End CLO power consumption 33 W Init. Color Rendering Index Tolerance +/-2 |
| Inrush current 43 A |
| Inrush time 0.26 ms Over Time Performance (IEC Compliant) |
| Power Consumption32 WDriver failure rate at 5000 h0.5 % |
| Power Factor (Fraction) 0.97 Control gear failure rate at median useful 5 % |
| Connection Push-in connector 5-pole life 50000 h |
| Cable-Control gear failure rate at median useful 10% |
| Number of products on MCB of 16 A type 20 life 100000 h |
| B Lumen maintenance at median useful L100 |
| life* 100000 h |
| Temperature |
| Ambient temperature range -40 to +50 ℃ Application Conditions |
| Performance ambient temperature Tq 25 °C |
| Control Discoving |
| Controls and Dimming Maximum dim level 0% (digital) |
| Dimmable Yes |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Product Data |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Product Data Control interface - Order product name BGP307 LED54-4S/740 II DM11 CL |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Product Data Control interface - Order product name BGP307 LED54-4S/740 II DM11 CLC Constant light output Yes D18 |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Control interface - Order product name BGP307 LED54-4S/740 DM11 CL: Constant light output Yes Full product name BGP307 LED54-4S/740 DM11 CL: |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Product Data Control interface - Order product name BGP307 LED54-4S/740 II DM11 CLC Constant light output Yes Full product name BGP307 LED54-4S/740 II DM11 CLC Bechanical and Housing D18 |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Product Data Control interface - Order product name BGP307 LED54-4S/740 II DM11 CLC Constant light output Yes Full product name BGP307 LED54-4S/740 II DM11 CLC Mechanical and Housing Housing Material Aluminum die cast Full product code 871869699717800 |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Control interface Constant light output Yes Full product name BGP307 LED54-4S/740 DM11 CLC Full product name D18 Full product code 871869699717800 Reflector material Order code 910925865239 |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Control interface - Constant light output Yes Full product name BGP307 LED54-45/740 DM11 CLC D18 Full product name BGP307 LED54-45/740 DM11 CLC D18 Full product name BGP307 LED54-45/740 DM11 CLC D18 Full product code BGP307 LED54-45/740 DM11 CLC BGP307 LED54-45/740 DM11 CLC D18 Full product name D18 Full product code B71869699717800 Order code B910925865239 Optic material Polymethyl methacrylate Material Nr. (12NC) 910925865239 |
| Dimmable Yes Driver/power unit/transformer Power supply unit with DynaDimmer Control interface - Constant light output Yes Full product name BGP307 LED54-45/740 DM11 CL1 D18 Full product name BGP307 LED54-45/740 DM11 CL1 D18 Full product name BGP307 LED54-45/740 DM11 CL1 D18 Full product code B71869699717800 Potic material Polymethyl methacrylate Optic material Polymethyl methacrylate Optical cover material Tempered glass Numerator - Quantity Per Pack I 1 |
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| Dimmable Product Data Product Data Order product name BGP307 LED54-4S/740 DM11 CLC D18 Full product code B71869699717800 Order code P10925865239 Optic material Polymethyl methacrylate Optical cover material Tempered glass Fixation material Aluminum Fixation material Aluminum Aluminum Fixation material Alu |
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Dimensional drawing







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