



ClearWay gen2

BGP307 LED18-4S/740 II DM11 CLO S05Z1Z1-

ClearWay gen2, LED module 1800 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	LED18 [LED module 1800 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
Service tag	Yes
Product family code	BGP307 [ClearWay gen2]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	-

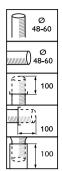
Datasheet, 2024, March 14 data subject to change

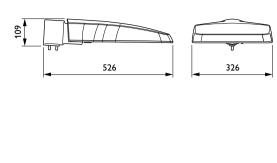
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ENEC mark EU RoHS compliant No Optical cover shape Flat Clear
Light Technical Upward light output ratio O Overall width 330 mm Overall width 330 mm Overall width 330 mm Overall height 93 mm Light projected area 0.1151 m² Standard tilt angle posttop o' Dimensions (Height x Width x Depth) 93 x 330 x 482 mm Overall height Standard tilt angle side entry O' Correlated Cotor Temperature (Nom) Luminous Efficacy (rated) (Nom) 134 lm/W Surge Protection code 1K09 [0.1] Light source color 740 neutral white Surge Protection (Common/Differential) Luminarie surge protection level until 6 kV offic type - Optical cover type Flat glass Sustainability rating Distribution medium 11 Photobiological risk Photobiological risk Photobiological risk Photobiological risk group 1 @ 200mm to ENG2471 Photobiological risk specification 3.1 m Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial CLO power consumption 114 W Luminous flux tolerance 1/-7% Initial Composition Red (IEC Compliant) Luminous flux tolerance 1/-7% Initial Composition Red (IEC Compliant) Luminous flux tolerance 1/-2 Inrush time 0 27 ms Over Time Performance (IEC Compliant) Control gear failure rate at median useful 10 % Ille 50000 h Control gear failure rate at median useful 10 % Ille 50000 h
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Temperature
Ambient temperature range -40 to +50 ℃ Application Conditions
Performance ambient temperature Tq 25 °C
Controls and Dimming Maximum dim level 0% (digital)
Dimmable Yes
Driver/power unit/transformer Power supply unit (On/Off) Product Data
Control interface - Order product name BGP307 LED18-4S/740 DM11 CLO S05Z1Z
Constant light output Yes Full product name BGP307 LED18-4S/740 DM11 CLO S05Z1Z
Full product code 871869699866300
Mechanical and Housing Order code 910925865389
Housing Material Aluminum die cast Material Nr. (12NC) 910925865389
Reflector material - Numerator - Quantity Per Pack 1
Optic material Polymethyl methacrylate EAN/UPC - Product/Case 8718696998663
Optical cover material Tempered glass Numerator - Packs per outer box 1
Optical cover material Tempered glass Numerator - Packs per outer box 1 Fixation material Aluminum EAN/UPC - Case 8718696998663
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Fixation material Aluminum EAN/UPC - Case 8718696998663
Fixation material Aluminum EAN/UPC - Case 8718696998663 Housing Color Gray

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Dimensional drawing







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