



ClearWay gen2

BGP307 LED120-4S/740 II DM11 CLO-DDF2 D1

ClearWay gen2, LED module 12000 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

LED120 [LED module 12000 lm]
Yes
1 unit
Yes
*-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
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

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EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	9,775 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optic type	-
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	69 W
Average CLO power consumption	71 W
End CLO power consumption	72 W
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	69 W
Power Factor (Fraction)	0.99
Connection	Push-in connector 5-pole
Cable	Cable 15 m without plug
Number of products on MCR of 16 A type	10

-40 to +50 °C

Number of products on MCB of 16 A type 10

в

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Universal for diameter 48 to 60 mm
	adjustable
Optical cover shape	Flat

Optical cover finish	Clear
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

66 [Dust penetration-protected, jet-proof]
[U 01] 00
uminaire surge protection level until 6 kV
fferential mode and 8 kV common mode
ghting for circularity
afety class II
notobiological risk group 1 @ 200mm to
N62471
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)	
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	L100
life* 100000 h	

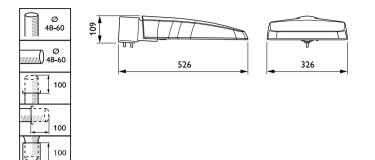
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

Product Data	
Order product name	BGP307 LED120-4S/740 II DM11 CLO-DDF2
	D1
Full product name	BGP307 LED120-4S/740 II DM11 CLO-DDF2
	D1
Full product code	871869943789300
Order code	910925865522
Material Nr. (12NC)	910925865522
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699437893
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699437893

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Dimensional drawing





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