



ClearWay gen2

BGP307 LED25/740 II DM11 CLL SR C10

ClearWay gen2, LED Module 2500 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	LED25 [LED Module 2500 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Remarks	Zhaga-D4i / SR compatibility: Luminaire prepared for	
	D4i / SR drivers and Zhaga Book18 socket, offering a	
	standardized futureproof platform for connectivity	
	and sensors. For Zhaga-D4i / SR based luminaires	
	only Zhaga-D4i / SR Certified components/sensors	
	are to be used (see also: https://	

www.zhagastandard.org/products / http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting). Functional compatibility of 2 Zhaga-D4i / SR certified) components/sensors to be used in combination as well as override possibility of any lineswitch function used in a SR based luminaire, is to be released by the master component/sensor supplier. For the use of NEMA 7pin socket on a Zhaga-D4i / SR based luminaire a full system verification is required. Not following these advises can/will cause risk of damage and non-compliance for which Signify cannot take any

Datasheet, 2024, March 11 data subject to change

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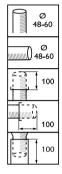
	responsibility. *-Per Lighting Europe guidance paper	Controls and Dimming	
	"Evaluating performance of LED based luminaires -	Dimmable	Yes
	January 2018": statistically there is no relevant	Driver/power unit/transformer	Power supply unit regulating
	difference in lumen maintenance between B50 and	Control interface	-
	for example B10. Therefore, the median useful life	Constant light output	Yes
	(B50) value also represents the B10 value. * At		
	extreme ambient temperatures the luminaire might	Mechanical and Housing	
	automatically dim down to protect components	Housing Material	Aluminum die cast
Light source engine type	LED	Reflector material	-
Service tag	Yes	Optic material	Polymethyl methacrylate
Product family code	BGP307 [ClearWay gen2]	Optical cover material	Tempered glass
Lighting Technology	LED	Fixation material	Aluminum
Value ladder	Performance	Housing Color	Gray
CE mark	Yes	Mounting device	Universal for diameter 48 to 60 mm adjustable
Warranty period	5 years	Optical cover shape	Flat
Flammability mark	-	Optical cover finish	Clear
ENEC mark	ENEC mark	Overall length	482 mm
EU RoHS compliant	No	Overall width	330 mm
		Overall height	104 mm
Light Technical		Effective projected area	0.1151 m²
Upward light output ratio	0	Dimensions (Height x Width x	104 x 330 x 482 mm
Luminous Flux	2,088 lm	Depth)	
Standard tilt angle posttop	O°		
Standard tilt angle side entry	O°	Approval and Application	
Correlated Color Temperature	4000 K	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
(Nom)		Mech. impact protection code	IK09 [10 J]
Luminous Efficacy (rated) (Nom)	134 lm/W	Surge Protection (Common/	Luminaire surge protection level until 6 kV differential
Color rendering index (CRI)	70	Differential)	mode and 8 kV common mode
Light source color	740 neutral white	Sustainability rating	Lighting for circularity
Optic type	-	Protection class IEC	Safety class II
Optical cover type	Flat glass	Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Luminaire light beam spread	160° - 42° x 54°	Photobiological risk specification	3.1 m
Optic type outdoor	Distribution medium 11		
		Initial Performance (IEC Com	npliant)
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Initial CLO power consumption	15.6 W	Init. Color Rendering Index	+/-2
Average CLO power consumption	1 16 W	Tolerance	
End CLO power consumption	16.2 W		
Inrush current	12 A	Over Time Performance (IEC	Compliant)
Inrush time	0.27 ms	Driver failure rate at 5000 h	0.5 %
Power Consumption	15.6 W	Control gear failure rate at	5 %
Power Factor (Fraction)	0.99	median useful life 50000 h	
Connection	Push-in connector 5-pole	Control gear failure rate at	10 %
Cable	Cable 10 m without plug	median useful life 100000 h	
Number of products on MCB of 16	6 30	Lumen maintenance at median	L100
A type B		useful life* 100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 ℃	Performance ambient	25 ℃
		temperature Tq	
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Maximum dim level	0% (digital)
Product Data	
Order product name	BGP307 LED25/740 II DM11 CLL SR C10
Full product name	BGP307 LED25/740 II DM11 CLL SR C10
Full product code	871869699683600
Order code	910925865205

Material Nr. (12NC)	910925865205
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696996836
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696996836

Dimensional drawing







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