



ClearWay gen2

BGP307 LED25-4S/740 II DM11 CLO-DDF2 D18

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

LED25 [LED Module 2500 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	

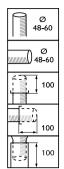
Datasheet, 2024, March 11 data subject to change

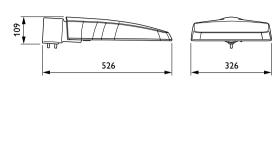
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EU RoHS compliant	No	Overall length	482 mm
		Overall width	330 mm
Light Technical		Overall height	93 mm
Upward light output ratio	0	Effective projected area	0.1151 m²
Luminous Flux	2,088 lm	Dimensions (Height x Width x Depth)	93 x 330 x 482 mm
Standard tilt angle posttop	O°		
Standard tilt angle side entry	0°	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Efficacy (rated) (Nom)	134 lm/W	Mech. impact protection code	IK09 [10 J]
Color rendering index (CRI)	70	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Light source color	740 neutral white		differential mode and 8 kV common mode
Optic type	-	Sustainability rating	Lighting for circularity
Optical cover type	Flat glass	Protection class IEC	Safety class II
Luminaire light beam spread	160° - 42° x 54°	Photobiological risk	Photobiological risk group 1 @ 200mm to
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 consumption	15.6 W	Initial chromaticity	(0.38, 0.38) SDCM <5
Average CLO power consumption	16 W	Power consumption tolerance	+/-10%
End CLO power consumption	16.2 W	Init. Color Rendering Index Tolerance	+/-2
Inrush current	12 A		
Inrush time	0.27 ms	Over Time Performance (IEC Compl	iant)
Power Consumption	15.6 W	Driver failure rate at 5000 h	0.5 %
Power Factor (Fraction)	0.99	Control gear failure rate at median useful	5 %
Connection	Push-in connector 5-pole	life 50000 h	
Cable	Cable 10 m without plug	Control gear failure rate at median useful	10 %
Number of products on MCB of 16 A type	30	life 100000 h	
В		Lumen maintenance at median useful	L100
		life* 100000 h	
Temperature			
Ambient temperature range	-40 to +50 °C	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming		Maximum dim level	0% (digital)
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DynaDimmer	Product Data	
Control interface	-	Order product name	BGP307 LED25-4S/740 II DM11 CLO-DDF2
Constant light output	Yes		D18
		Full product name	BGP307 LED25-4S/740 II DM11 CLO-DDF2
Mechanical and Housing			D18
Housing Material	Aluminum die cast	Full product code	871869699877900
Reflector material	-	Order code	910925865401
Optic material	Polymethyl methacrylate	Material Nr. (12NC)	910925865401
Optical cover material	Tempered glass	Numerator - Quantity Per Pack	1
Fixation material	Aluminum	EAN/UPC - Product/Case	8718696998779
Housing Color	Gray	Numerator - Packs per outer box	1
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC - Case	8718696998779
	adjustable		
Optical cover shape	Flat		
Optical cover finish	Clear		

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Dimensional drawing







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