



ClearWay gen2

BGP307 LED84-4S/740 II DM11 CLO-DDF1 D18

ClearWay gen2, LED module 8400 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	LED84 [LED module 8400 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	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	

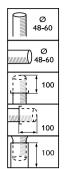
Datasheet, 2024, March 11 data subject to change

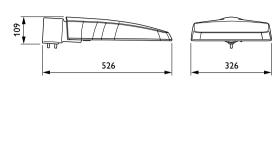
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lo	Optical cover finish Overall length	Clear 482 mm
		482 mm
	Overall width	330 mm
·	Overall height	93 mm
,134 lm	Effective projected area	0.1151 m²
0	Dimensions (Height x Width x Depth)	93 x 330 x 482 mm
0		
000 K	Approval and Application	
49 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
0	Mech. impact protection code	IK09 [10 J]
40 neutral white	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
		differential mode and 8 kV common mode
lat glass	Sustainability rating	Lighting for circularity
50° - 42° x 54°	Protection class IEC	Safety class II
histribution medium 11	Photobiological risk	Photobiological risk group 1 @ 200mm to
		EN62471
	Photobiological risk specification	3.1 m
20 to 240 V		
0 to 60 Hz	Initial Performance (IEC Compliant)	
8 W	Luminous flux tolerance	+/-7%
8.5 W	Initial chromaticity	(0.38, 0.38) SDCM <5
9 W	Power consumption tolerance	+/-10%
7 A	Init. Color Rendering Index Tolerance	+/-2
.25 ms		
8 W	Over Time Performance (IEC Compliant)	
.98	Control gear failure rate at median useful 5%	
ush-in connector 5-pole	life 50000 h	
able 15 m without plug	Control gear failure rate at median useful	10 %
0	life 100000 h	
	Lumen maintenance at median useful	L100
	life* 100000 h	
40 to +50 °C	Application Conditions	
	Performance ambient temperature Tq	25 ℃
	Maximum dim level	0% (digital)
es		
ower supply unit with DynaDimmer	Product Data	
	Order product name	BGP307 LED84-4S/740 II DM11 CLO-DDF1
es		D18
	Full product name	BGP307 LED84-4S/740 II DM11 CLO-DDF1
		D18
lluminum die cast	Full product code	871869699887800
	Order code	910925865411
olymethyl methacrylate	Material Nr. (12NC)	910925865411
empered glass	Numerator - Quantity Per Pack	1
luminum	EAN/UPC - Product/Case	8718696998878
iray	Numerator - Packs per outer box	1
Iniversal for diameter 48 to 60 mm	EAN/UPC - Case	8718696998878
djustable		
lat		
	49 lm/W 20 40 neutral white lat glass 50° - 42° x 54° istribution medium 11 20 to 240 V 20 to 60 Hz 8 W 8.5 W 9 W 7 A 25 ms 8 W 998 ush-in connector 5-pole able 15 m without plug 0 40 to +50 °C es ower supply unit with DynaDimmer es luminum die cast olymethyl methacrylate empered glass luminum ray niversal for diameter 48 to 60 mm djustable	Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC Photobiological risk Photobiological risk specification Initial Performance (IEC Compliant) Well Luminous flux tolerance Initial chromaticity Power consumption tolerance Initi. Color Rendering Index Tolerance Init. Color Renderi

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Dimensional drawing







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