



ClearWay gen2

BGP307 LED54-4S/740 II DM11 CLO 48/60S

ClearWay gen2, LED module 5400 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	LED54 [LED module 5400 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	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	

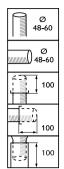
Datasheet, 2024, March 11 data subject to change

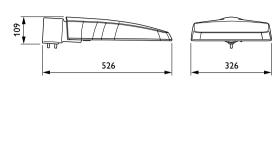
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Optical cover shape Optical cover finish Overall length Overall width Overall height Effective projected area Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC Photobiological risk	Flat Clear 482 mm 330 mm 93 mm 0.1151 m² 93 x 330 x 482 mm IP66 [Dust penetration-protected, jet-proof] IK09 [10 J] Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Overall length Overall width Overall width Overall height Effective projected area Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC	482 mm 330 mm 93 mm 0.1151 m² 93 x 330 x 482 mm IP66 [Dust penetration-protected, jet-proof] IKO9 [10 J] Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Overall width Overall height Effective projected area Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC	330 mm 93 mm 0.1151 m² 93 x 330 x 482 mm IP66 [Dust penetration-protected, jet-proof] IK09 [10 J] Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Overall height Effective projected area Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC	93 mm 0.1151 m² 93 x 330 x 482 mm IP66 [Dust penetration-protected, jet-proof] IK09 [10 J] Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Effective projected area Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Surge Protection (Common/Differential) Sustainability rating Protection class IEC	0.1151 m ² 93 x 330 x 482 mm IP66 [Dust penetration-protected, jet-proof] IK09 [10 J] Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
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Surge Protection (Common/Differential) Sustainability rating Protection class IEC	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating Protection class IEC	differential mode and 8 kV common mode
Protection class IEC	
Protection class IEC	Lighting for circularity
	Lighting for circularity
Photobiological risk	Safety class II
	Photobiological risk group 1 @ 200mm to
	EN62471
Photobiological risk specification	3.1 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 Compl	liant)
Driver failure rate at 5000 h	0.5 %
e 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 ℃
Maximum dim level	0% (digital)
rff)	
Product Data	
Order product name	BGP307 LED54-4S/740 II DM11 CLO 48/60S
Full product name	BGP307 LED54-4S/740 II DM11 CLO 48/60S
Full product code	871869699707900
Order code	910925865229
Material Nr. (12NC)	910925865229
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696997079
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696997079
to 60 mm	
	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box

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Dimensional drawing







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