



# **ClearWay gen2**

## BGP307 LED30/740 I DM 48/60S

ClearWay gen2, LED module 3000 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adiustable

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	LED30 [LED module 3000 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
Service tag	Yes
Product family code	BGP307 [ClearWay gen2]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years

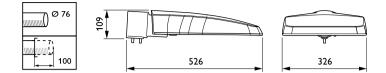
### ClearWay gen2

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Housing Material Aluminum die cast	
Reflector material -	
Optic material Polymethyl methacrylate	
Optical cover material Tempered glass	
Fixation material Aluminum	
Housing Color Grey	
Mounting device Universal for diameter 48 to 60 mm	
adjustable	

Optical cover shape	Flat
Optical cover finish	Clear
Overall length	480 mm
Overall width	325 mm
Overall height	150 mm
Effective projected area	0.1151 m²
Dimensions (Height x Width x Depth)	150 x 325 x 480 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	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 Compli	ant)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L95
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BGP307 LED30/740 I DM 48/60S
Full product name	BGP307 LED30/740 I DM 48/60S
	871869698773500
Full product code	
	910925864561
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Order code	
Order code Material Nr. (12NC)	910925864561
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910925864561 1

## ClearWay gen2

#### Dimensional drawing





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