



ClearWay gen2

BGP307 LED69-4S/740 I DM50 48/60S

ClearWay gen2, LED module 6900 lm, 740 neutral white, Safety class I, Distribution medium 50, 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	LED69 [LED module 6900 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, 2023, April 14 data subject to change

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ENEC mark	ENEC mark	Overall length	482 mm
EU RoHS compliant	No	Overall width	330 mm
		Overall height	93 mm
Light Technical		Effective projected area	0.1151 m²
Upward light output ratio	0	Dimensions (Height x Width x Depth)	93 x 330 x 482 mm
Luminous Flux	6,160 lm		
Standard tilt angle posttop	0°	Approval and Application	
Standard tilt angle side entry	0°	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK09 [10 J]
Luminous Efficacy (rated) (Nom)	152 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
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 I
Optical cover type	Flat glass	Photobiological risk	Photobiological risk group 1 @ 200mm to
Luminaire light beam spread	154° - 31° x 54°		EN62471
Optic type outdoor	Distribution medium 50	Photobiological risk specification	3.1 m
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-7%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <5
Inrush current	47 A	Power consumption tolerance	+/-10%
Inrush time	0.25 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	40.5 W		
Power Factor (Fraction)	0.98	Over Time Performance (IEC Compl	iant)
Connection	Push-in connector 5-pole	Driver failure rate at 5000 h	0.5 %
Cable	-	Control gear failure rate at median useful	5 %
Number of products on MCB of 16 A type	30	life 50000 h	
В		Control gear failure rate at median useful	10 %
		life 100000 h	
Temperature		Lumen maintenance at median useful	L97
Ambient temperature range	-40 to +50 °C	life* 100000 h	
Controls and Dimming		Application Conditions	
Dimmable	No	Performance ambient temperature Tq	25 ℃
Driver/power unit/transformer	Power supply unit (On/Off)	Maximum dim level	Not applicable
Control interface	-		
Constant light output	No	Product Data	
		Order product name	BGP307 LED69-4S/740 I DM50 48/60S
Mechanical and Housing		Full product name	BGP307 LED69-4S/740 I DM50 48/60S
Housing Material	Aluminum die cast	Full product code	871869698802200
Reflector material	-	Order code	910925864590
Optic material	Polymethyl methacrylate	Material Nr. (12NC)	910925864590
Optical cover material	Tempered glass	Numerator - Quantity Per Pack	1
Fixation material	Aluminum	EAN/UPC - Product/Case	8718696988022
Housing Color	Gray	Numerator - Packs per outer box	1
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC - Case	8718696988022
	adjustable		
Optical cover shape	Flat		
Optical cover finish	Clear		

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Dimensional drawing







