



ClearWay gen2

BGP307 LED69-4S/740 I DM11 48/76S

ClearWay gen2, LED module 6900 lm, 740 neutral white, Safety class I, Distribution medium 11, Universal for diameter 48 to 76 mm

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, 2024, March 21 data subject to change

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December				
Coveral height 93 mm 10	ENEC mark	ENEC mark	Overall length	525 mm
Light Technical Clay	EU RoHS compliant	No	Overall width	330 mm
Dimensions (Height x Withh x Depth) 93 x 330 x 505 mm			Overall height	93 mm
Luminous Flux 6.090 in Sandard It it angle positiop 0° Sandard It it angle positiop 0° Ingress protection code IP66 [Dust penetration-protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration-protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protected protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protected protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat protected, jet-proof Mech. Imacat protected, jet-proof Mech. Imacat protected protection code IP66 [Dust penetration protected, jet-proof Mech. Imacat	Light Technical		Effective projected area	0.1151 m²
Standard tilt angle postop 0°	Upward light output ratio	0	Dimensions (Height x Width x Depth)	93 x 330 x 525 mm
Standard titl angle side entry 0°	Luminous Flux	6,090 lm		
Correlated Color Temperature (Nom)	Standard tilt angle posttop	O°	Approval and Application	
Luminous Efficacy (rated) (Non) 50 lm/W Surge Protection (Common/Differential mode and 8kV common mode Lights source color 740 neutral white Sustainability rating Lighting for circularity Luminative surge protection level until 6 kV common mode and 8kV common mode Sustainability rating Lighting for circularity Luminative surge protection level until 6 kV common mode Sustainability rating Lighting for circularity Luminative surge protection level Protection class IEC Safety class Photobiological risk Superification 31 m Superification 31 m Superification	Standard tilt angle side entry	O°	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI) 70 Light source color 740 neutrial white Sustainability rating Lighting for circularity	Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK09 [10 J]
Light source color 7/40 neutral white Optical cover type Optical cover type - Flat glass Luminaire light beam spread 160" - 42" x 54" Photobiological risk Photobiologi	Luminous Efficacy (rated) (Nom)	150 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Protection class IEC Safety class	Color rendering index (CRI)	70		differential mode and 8 kV common mode
Photobiological risk Photobiological risk group 1 @ 200mm to	Light source color	740 neutral white	Sustainability rating	Lighting for circularity
Eminate light beam spread 160° - 42° x 54° Photobiological risk specification 3.1 m	Optic type		Protection class IEC	Safety class I
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush time 0 2.5 ms Power Consumption 40.5 W Power Factor (Fraction) 0.98 Connection Push-in connector 5-pole Diversified and products on MCB of 16 A type 10 B Control sand Dimming Control sand Dimming Dimmable No Diver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polymethyl methacrylate Optical cover material Fixation material Aluminum Examples of the diameter 48 to 76 mm Optical cover shape Fiat Initial Performance (IEC Compliant) Luminous flux specification 3.1 m Initial Performance (IEC Compliant) Luminous flux specification (1-7% Luminous flux to iderance (1-7% Luminous flux to iderance (1-7% Initial Performance (IEC Compliant) Luminous flux to iderance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Performance (IEC Compliant) Down Constant initial chromaticity (0.38, 0.38) SDCM -5 Luminous flux to iderance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Power consumption tolerance (1-7% Initial Chromaticity (0.38, 0.38) SDCM -5 Initial Chromaticity (0.38, 0.38) SDCM -5 Initial Chromaticity (10% Initial	Optical cover type	Flat glass	Photobiological risk	Photobiological risk group 1 @ 200mm to
Initial Performance (IEC Compliant) Luminous flux tolerance √-7% Luminous flux tolerance √-7% Initial Aromaticity (0.38, 0.38) SDCM <5 Initial Chromaticity (0.38, 0.38) SDCM <5 Initial	Luminaire light beam spread	160° - 42° x 54°		EN62471
Imput Voltage	Optic type outdoor	Distribution medium 11	Photobiological risk specification	3.1 m
Imput Voltage				
Line Frequency 50 to 50 Hz Initial chromaticity (0.38, 0.38) SDCM <5 Initial chromaticity (0.70% Ini	Operating and Electrical		Initial Performance (IEC Compliant)	
Inrush current	Input Voltage	220 to 240 V	Luminous flux tolerance	+/-7%
Init. Color Rendering Index Tolerance	Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <5
Power Consumption 40.5 W Power Factor (Fraction) 0.98 Connection Push-in connector 5-pole Cable - Cable Number of products on MCB of 16 A type B B Control gear failure rate at median useful 15 % Ilfe 50000 h Ilfe 100000 h Lumen maintenance at median useful 10 % Ilfe 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen maintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Lumen anintenance at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Control gear failure rate at median useful Ilfe* L97 100000 h Auxiliance Lafe Lafe Lafe Lafe Lafe Lafe L97 100000 h Auxiliance Lafe L97 100000	Inrush current	47 A	Power consumption tolerance	+/-10%
Power Factor (Fraction) 0.98 Connection Push-in connector 5-pole Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful 5 % life 50000 h 16 % life	Inrush time	0.25 ms	Init. Color Rendering Index Tolerance	+/-2
Connection Push-in connector 5-pole Driver failure rate at 5000 h 0.5 % Cable - Control gear failure rate at median useful 15 % life 50000 h life 1000000 h life 10000000 h life 1000000 h life 10000000 h life 100000000 h life 1000000000000000000000000000000000000	Power Consumption	40.5 W		
Control gear failure rate at median useful 5% Number of products on MCB of 16 A type B Control gear failure rate at median useful 10% Ilife 50000 h Control gear failure rate at median useful 10% Ilife 100000 h Lumen maintenance at median useful life* L97 100000 h Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material - Coptic material Polymethyl methacrylate Optic cover material Aluminum Fixation material Aluminum EAN/UPC - Product/Case 8718696996317 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696996317 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696996317	Power Factor (Fraction)	0.98	Over Time Performance (IEC Compl	iant)
Number of products on MCB of 16 A type 10 B Control gear failure rate at median useful 10 % life 100000 h Temperature Ambient temperature range -40 to +50 °C 100000 h Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Peflector material Polymethyl methacrylate Optical cover material Aluminum Housing Color Gray Munical and Housing Color Gray Munical Control interface Power supply unit (On/Off) Product Case S718696996317 Numerator - Quantity Per Pack 1 EAN/UPC - Case 8718696996317 EAN/UPC - Case 8718696996317 Control interface Polymethyl methacrylate Polymethyl methacry and	Connection	Push-in connector 5-pole	Driver failure rate at 5000 h	0.5 %
Control gear faillure rate at median useful. 10 % life 100000 h Lumen maintenance at median useful life* L97 Ambient temperature ange -40 to *50 °C 100000 h Controls and Dimming Dimmable No Performance ambient temperature Tq 25 °C 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 LED69-45/740 I DM11 48/765 Mechanical and Housing Housing Material Aluminum die cast Full product code 910925865152 Optic material Polymethyl methacrylate Material Network and in Tempered glass Numerator - Quantity Per Pack 1 Fixation material Aluminum Housing Color Gray Numerator - Packs per outer box 1 EAN/UPC - Case 8718696996317	Cable		Control gear failure rate at median useful	5 %
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Lumen maintenance at median useful life* L97	B			. 10 %
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Housing Material Aluminum die cast Full product code 871869699631700 Reflector material - Optic material Polymethyl methacrylate Material Nr. (12NC) 910925865152 Optical cover material Tempered glass Numerator - Quantity Per Pack 1 Fixation material Aluminum EAN/UPC - Product/Case 8718696996317 Housing Color Gray Numerator - Packs per outer box 1 Mounting device Universal for diameter 48 to 76 mm Optical cover shape Flat				
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Dimensional drawing







