



# ClearWay gen2

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

ClearWay gen2 - LED module 5400 lm - 4th generation, screw fixation - 740 neutral white - Safety class II - Distribution medium 11 - Constant light output - Universal for diameter 48 to 60 mm adjustable

ClearWay gen2 enables you to enjoy the benefits of LED technology 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 lighting. Ideal for new streets and for renovating existing installations, this affordable range of lighting solutions combines clean, 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]	Embedded control	Constant light output
Lamp version	4S [ 4th generation, screw fixation]	Control interface	-
Light source color	740 neutral white	Connection	Push-in connector 5-pole
Light source replaceable	Yes	Cable	-
Number of gear units	1 unit	Protection class IEC	Safety class II
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output	Flammability mark	-
Driver included	Yes	CE mark	CE mark
Optical cover/lens type	Flat glass	ENEC mark	ENEC mark
Luminaire light beam spread	160° - 42° x 54°	Warranty period	5 years
		Optic type outdoor	Distribution medium 11

## ClearWay gen2

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	Yes
Number of products on MCB of 16 A type B	20
RoHS mark	RoHS mark
Light source engine type	LED
Product family code	BGP307 [ ClearWay gen2]
<b>Light Technical</b>	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	32 W
Average CLO power consumption	33 W
End CLO power consumption	34 W
Inrush current	22 A
Inrush time	0.29 ms
Power Factor (Min)	0.98
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Aluminum
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	480 mm

Overall width	325 mm
Overall height	150 mm
Effective projected area	0.1151 m²
Color	Aluminum
Dimensions (Height x Width x Depth)	150 x 325 x 480 mm (5.9 x 12.8 x 18.9 in)

### Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [ 5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

### Initial Performance (IEC Compliant)

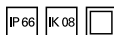
Initial luminous flux (system flux)	4350 lm
Luminous flux tolerance	+/- 7%
Initial LED luminaire efficacy	126 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	34 W
Power consumption tolerance	+/- 11%

### Application Conditions

Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable

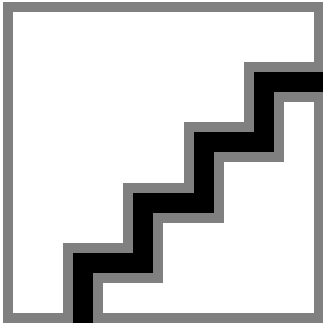
### Product Data

Full product code	871869944816500
Order product name	BGP307 LED54-4S/740 II DM11 CLO 48/60S
EAN/UPC - Product	8718699448165
Order code	910925865549
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925865549
Net Weight (Piece)	4.750 kg



## ClearWay gen2

### Dimensional drawing



ClearWay gen2 BGP307

