



ClearWay gen2

BGP307 LED130-4S/740 I DM11 DDF2 D18 48/

ClearWay gen2 - LED module 13000 lm - 4th generation, screw fixation - 740 neutral white - Safety class I (I) - Distribution medium 11 - DynaDimmer with fixed presets version 2 - Universal for diameter 48-60 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		Control interface	Internal (no external connection)
Lamp family code	LED130 [LED module 13000 lm]	Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Lamp version	4S [4th generation, screw fixation]	Connection	Push-in connector 5-pole (PI)
Light source color	740 neutral white	Cable	-
Light source replaceable	Yes	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Flammability mark	NO [-]
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Luminaire light beam spread	160° - 42° x 54°	Warranty period	5 years
Embedded control	DDF2 [DynaDimmer with fixed presets version 2]	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	No
Number of products on MCB of 16 A type B	10
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Product family code	BGP307 [ClearWay gen2]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Factor (Min)	0.99

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Aluminum
Mounting device	48/60A [Universal for diameter 48-60 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 m ²
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)	10920 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	138 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	79 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L95

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

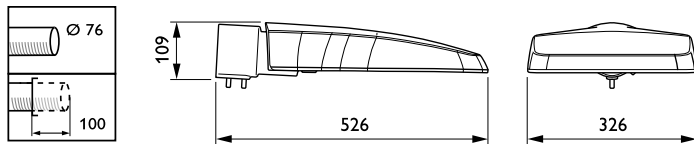
Product Data

Full product code	871869944818900
Order product name	BGP307 LED130-4S/740 I DM11 DDF2 D18 48/
EAN/UPC - Product	8718699448189
Order code	44818900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925865551
Net Weight (Piece)	5.320 kg



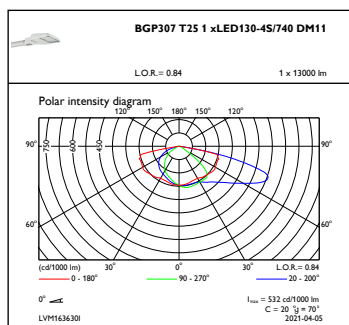
ClearWay gen2

Dimensional drawing

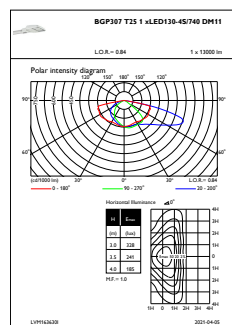


ClearWay gen2 BGP307

Photometric data



OFPC1_BGP307T251xLED130-4S740DM11



OFPL1_BGP307T251xLED130-4S740DM11

