



Iridium² LED Large

BGP353 GRN88-3S/740 PSR-CLO II DC AL GR%

Iridium² LED Large, LED GreenLine 8800 lm, 740 neutral white, Power supply unit regulating with constant light output, Safety class II, Distribution comfort, Grey

Iridium² is a family of road-lighting luminaires designed for performance and sustainability. Depending on the application and budget, customers can start with LED, electronic HID or a mix of both technologies with the same luminaire. Whatever the initial choice, Iridium²'s modularity allows customers to upgrade their installations (LED to LED or e-HID to LED) whenever they want, simply by changing the light engine. The integration of LEDGINE, brand new HID optics, electronic gear and controls is a response to the growing demand for energy savings. The new Iridium² HID optics are designed to deliver best-in-class lighting performance while offering tremendous flexibility in application. All these features, combined with Iridium²'s ease of installation and maintenance, ensure that customers enjoy low cost of ownership.

Product data

General Information			
Lamp family code	GRN88 [LED GreenLine 8800 lm]	Warranty period	5 years
Light source replaceable	Yes	Flammability mark	-
Number of gear units	1 unit	ENEC mark	-
Driver included	Yes	EU RoHS compliant	No
Photocell	-	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BGP353 [Iridium ² LED Large]	Luminous Flux	8,245 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Embedded control	-	Standard tilt angle side entry	0°
CE mark	Yes	Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Distribution comfort

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	52.26 W
Average CLO power consumption	59.63 W
End CLO power consumption	67 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	67 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	Cable 11 m without plug
Number of products on MCB of 16 A type B 8	

Temperature

Ambient temperature range	-25 to +25 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Constant light output	Yes

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Stainless steel
Housing Color	Grey
Mounting device	Universal for diameter 48 to 76 mm

Optical cover shape	Flat
Optical cover finish	Clear
Overall length	879 mm
Overall width	424 mm
Overall height	217 mm
Effective projected area	0.14 m ²
Dimensions (Height x Width x Depth)	217 x 424 x 879 mm
Parts color	All parts colored

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)	Philips standard surge protection level
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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Product Data

Order product name	BGP353 GRN88-3S/740 PSR-CLO II DC AL GR%
Full product name	BGP353 GRN88-3S/740 PSR-CLO II DC AL GR%
Full product code	871829197554000
Order code	97554000
Material Nr. (12NC)	910925439489
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291975540
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291975540

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Dimensional drawing

