



Iridium² LED Large

BGP353 ECO170-3S/740 PSR-CLO DM AL GR CL

Iridium² LED Large, LED EconomyLine 17000 lm, 740 neutral white, Power supply unit regulating with constant light output, Distribution medium, Grey, Constant light output

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	ECO170 [LED EconomyLine 17000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BGP353 [Iridium² LED Large]
Lighting Technology	LED
Embedded control	Constant light output
CE mark	Yes

Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	15,198 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K

Datasheet, 2023, September 4 data subject to change

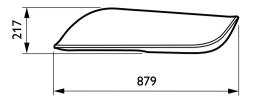
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Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium
On a wating and Electrical	
Operating and Electrical	220 to 240 V
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	109.34 W
Average CLO power consumption	125.67 W
End CLO power consumption	142 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	142 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	B 8
Temperature	
Ambient temperature range	−25 to +25 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	No Power supply unit regulating with constant
	Power supply unit regulating with constant
Driver/power unit/transformer	Power supply unit regulating with constant light output
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Driver/power unit/transformer Constant light output	Power supply unit regulating with constant light output
Driver/power unit/transformer Constant light output Mechanical and Housing	Power supply unit regulating with constant light output Yes
Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	Power supply unit regulating with constant light output Yes Aluminum die cast
Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit regulating with constant light output Yes Aluminum die cast Acrylate
Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit regulating with constant light output Yes Aluminum die cast Acrylate Polycarbonate
Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit regulating with constant light output Yes Aluminum die cast Acrylate Polycarbonate Tempered glass

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 m²
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 I
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 Complia	ant)
Driver failure rate at 5000 h	0.5 %
Product Data	
Order product name	BGP353 ECO170-3S/740 PSR-CLO DM AL
	GR CL
Full product name	BGP353 ECO170-3S/740 PSR-CLO DM AL
	GR CL
Full product code	871829197547200
Order code	910925439485
Material Nr. (12NC)	910925439485
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291975472
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291975472

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Dimensional drawing







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