PHILIPS Lighting



Iridium² LED Medium

BGP352 EC085-3S/740 II DM AL GR T15

Iridium² LED Medium, LED EconomyLine 8500 lm, 740 neutral white, Safety class II, Distribution medium, 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	ECO85 [LED EconomyLine 8500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
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.

Light source engine type	LED
Product family code	BGP352 [Iridium ² LED Medium]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0

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Luminous Flux	7,564 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	70
Number of light sources	36
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	72 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 11 B

Temperature	
Ambient temperature range	-25 to +25 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Acrylate

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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

Clear
751 mm
358 mm
183 mm
0.08 m²
183 x 358 x 751 mm
All parts colored
IP66 [Dust penetration-protected, jet-proc
IK08 [5 J vandal-protected]
Philips standard surge protection level
Safety class II
+/-7%
(0.380, 0.380) SDCM <5
+/-10%
+/-2
ant)
7.5 %
L80
15 °C
15 °C
15 °C
15 °C BGP352 ECO85-3S/740 II DM AL GR T15
BGP352 ECO85-3S/740 II DM AL GR T15

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Material Nr. (12NC)

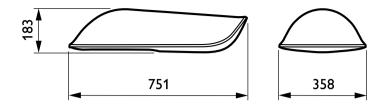
EAN/UPC - Case

Numerator - Quantity Per Pack

EAN/UPC - Product/Case Numerator - Packs per outer box

Iridium² LED Medium

Dimensional drawing





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