



Iridium² LED Medium

BGP352 ECO57-3S/740 PSR-CLO II DM AL GR

Iridium² LED Medium, LED EconomyLine 5700 lm, 740 neutral white, Power supply unit regulating with constant light output, 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	ECO57 [LED EconomyLine 5700 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 [Iridium² LED Medium]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-

Datasheet, 2023, September 4 data subject to change

Iridium² LED Medium

EURoHS compliant Light Technical Upward light output ratio Luminous Flux Standard tilt angle posttop Standard tilt angle side entry Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Nomber of light sources Potical cover type Light source color Optical cover type Liminaire light beam spread Soprating and Electrical Input Voltage Line Frequency Initial CLO power consumption End CLO power consumption Average CLO power consumption End CLO power consumption Food Consumption So W Power Factor (Fraction) Connection Plug-in connector 3-pole Wieland/Adels compatible Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Power supply unit regulating with constant light output Constant light output Yes Mechanical and Housing Housing Material Acrylate Optic and remeasure Stainless steel		
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Housing Color	Grey
Mounting device	Universal for diameter 48 to 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	751 mm
Overall width	358 mm
Overall height	183 mm
Effective projected area	0.08 m²
Dimensions (Height x Width x Depth)	183 x 358 x 751 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 Compli	iant)
Control gear failure rate at median useful	7.5 %
life 75000 h	
Lumen maintenance at median useful	L80
life* 75000 h	
Application Conditions	25.05
Performance ambient temperature Tq	25 °C
Droduct Data	
Product Data	DCD252 FCO57 25 /740 DCD CLO II DM AL
Order product name	BGP352 ECO57-3S/740 PSR-CLO II DM AL GR
Full product name	
Full product name	BGP352 EC057-3S/740 PSR-CL0 II DM AL GR
Full product code	871829142486400
Order code	910925439564
Material Nr. (12NC)	910925439564
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291424864
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291424864
Entry of C - Case	0,10231727007

Iridium² LED Medium

Dimensional drawing



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