PHILIPS Lighting



Iridium² LED Medium

BGP352 GRN40-3S/830 DC AL GR P1 T25

Iridium² LED Medium, LED GreenLine 4000 lm, 830 warm white, Distribution comfort, Grey, NEMA socket for photocell

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	GRN40 [LED GreenLine 4000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	NEMA socket for 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

Iridium² LED Medium

Luminous Flux	3,644 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	80
Number of light sources	32
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Distribution comfort

Operating and Electrical

Number of products on MCB of 16 A type 11

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-

-25 to +25 °C

Power supply unit regulating

No

No

Overall width	358 mm
Overall height	183 mm
Effective projected area	0.08 m ²
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 I

Clear

751 mm

Initial Performance (IEC Compliant)

Optical cover finish

Overall length

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.300) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	

Application Conditions

Product Data	
Order product name	BGP352 GRN40-3S/830 DC AL GR P1 T25
Full product name	BGP352 GRN40-3S/830 DC AL GR P1 T25
Full product code	871829142495600
Order code	910925439570
Material Nr. (12NC)	910925439570
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291424956
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291424956

Driver/power unit/transformer Constant light output

Ambient temperature range

Controls and Dimming

Temperature

Dimmable

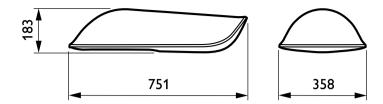
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Mechanical and Housing

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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

Iridium² LED Medium

Dimensional drawing





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