



Iridium² LED Medium

BGP352 ECO99-3S/740 DW AL GR LS-6 30% T2

Iridium² LED Medium, LED EconomyLine 9900 lm, 740 neutral white, Distribution wide, Grey, LumiStep dimming 6 hours

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	ECO99 [LED EconomyLine 9900 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	LumiStep dimming 6 hours	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	-	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0	

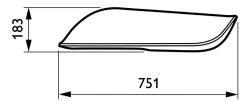
Datasheet, 2023, April 29 data subject to change

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Luminous Flux	8,559 lm	Overall length	751 mm
Standard tilt angle posttop	O°	Overall width	358 mm
Standard tilt angle side entry	O°	Overall height	183 mm
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.08 m²
Luminous Efficacy (rated) (Nom)	101 lm/W	Dimensions (Height x Width x Depth)	183 x 358 x 751 mm
Color rendering index (CRI)	70	Parts color	All parts colored
Number of light sources	40		
Light source color	740 neutral white	Approval and Application	
Optical cover type	Flat glass	Ingress protection code	IP66 [Dust penetration-protected, jet-pro
Luminaire light beam spread	83° x 130°	Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type outdoor	Distribution wide	Surge Protection (Common/Differential)	Philips standard surge protection level
		Protection class IEC	Safety class I
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	53 A	Initial chromaticity	(0.380, 0.380) SDCM <5
Inrush time	0.3 ms	Power consumption tolerance	+/-10%
Power Consumption	85 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.9		
Connection	Plug-in connector 3-pole Wieland/Adels	Over Time Performance (IEC Compliant)	
***	compatible	Control gear failure rate at median useful 7.5 %	
Cable	-	- life 75000 h	
Number of products on MCB of 16 A type	8	Lumen maintenance at median useful	L80
В		life* 75000 h	
Temperature		Application Conditions	
Ambient temperature range	-25 to +25 °C	Performance ambient temperature Tq	25 ℃
		Maximum dim level	30%
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit with DynaDimmer	Order product name	BGP352 ECO99-3S/740 DW AL GR LS-6
Control interface			30% T2
Constant light output	No	Full product name	BGP352 ECO99-3S/740 DW AL GR LS-6
		·	30% T2
Mechanical and Housing		Full product code	871829142507600
Housing Material	Aluminum die cast	Order code	42507600
Reflector material	Acrylate	Material Nr. (12NC)	910925439575
Optic material	Polycarbonate	Numerator - Quantity Per Pack	1
Optical cover material	Tempered glass	EAN/UPC - Product/Case	8718291425076
Fixation material	Stainless steel	Numerator - Packs per outer box	1
Housing Color	Grey	EAN/UPC - Case	8718291425076
Mounting device	Universal for diameter 48 to 76 mm		
Optical cover shape			
<u> </u>	Flat		
Optical cover finish	Clear		

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Dimensional drawing







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