PHILIPS Lighting



Iridium gen3 LED Medium

BGP382 GRN85/740 I DM AL GR D9 SP

Iridium gen3 Medium, LED GreenLine 8500 lm, 740 neutral white, Safety class I, Distribution medium, Grey, Spigot

Iridium gen3 is the first truly intelligent luminaire designed for seamless connectivity. No hassle in commissioning – just install the luminaire and control it from a distance through CityTouch management software. Remote light management made easy! The new 'plug & play' concept has been designed to ensure safe and easy installation in just three steps: 1. Install the spigot, 2. Plug in the mains, 3. Tilt and close the luminaire. The luminaire's high efficiency at system level ensures significant energy savings compared to existing conventional installations, offering a fast payback. Thanks to its wide choice of lumen packages, optics and color temperatures, Iridium gen3 fits most applications in residential areas. The luminaire's neo-classical design guarantees a consistent look and feel for your surroundings.

Product data

General Information			maintenance between B50 and for example
Lamp family code	GRN85 [LED GreenLine 8500 lm]		B10. Therefore, the median useful life (B50)
Light source replaceable	Yes		value also represents the B10 value. * At
Number of gear units	1 unit		extreme ambient temperatures the luminaire
Gear	EB [Electronic]		might automatically dim down to protect
Driver included	Yes		components
Photocell	-	Light source engine type	LED
Remarks	*-Per Lighting Europe guidance paper	Product family code	BGP382 [Iridium gen3 Medium]
	"Evaluating performance of LED based	Lighting Technology	LED
	luminaires - January 2018": statistically there	Embedded control	-
	is no relevant difference in lumen	CE mark	Yes

Iridium gen3 LED Medium

5 years	
-	
ENEC mark	
Temperature 650 °C, duration 5 s	
No	
0	
7,998 lm	
0°	
0°	
4000 K	
154 lm/W	
70	
1	
740 neutral white	
Polycarbonate bowl/cover	
152°	
Distribution medium	

Operating	and	Electrical
operating	and	Liccurrent

Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	[delete] W	
Average CLO power consumption	[delete] W	
End CLO power consumption	[delete] W	
Inrush current	45 A	
Inrush time	0.285 ms	
Power Consumption	52 W	
Power Factor (Fraction)	0.97	
Connection	Screw connection block 5-pole	
Cable	-	
Number of products on MCB of 16 A type	10	

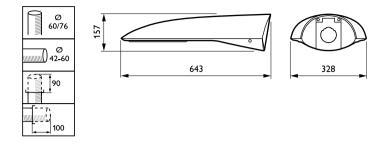
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Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate

Optical cover material	Polycarbonate	
Fixation material	Aluminum	
Housing Color	Grey	
Mounting device	Spigot	
Optical cover shape	Flat	
Optical cover finish	Textured	
Overall length	650 mm	
Overall width	330 mm	
Overall height	157 mm	
Effective projected area	0.031 m ²	
Dimensions (Height x Width x Depth)	157 x 330 x 650 mm	
Parts color	All parts colored	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-pro	
Mech. impact protection code	IK09 [10 J]	
Surge Protection (Common/Differential)	4/4 kV	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.38, 0.38) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Comp	liant)	
Control gear failure rate at median usefu	l 10 %	
life 100000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	0% (digital)	
Product Data	PCD202 CDN05/746 1204 41 CD 25 55	
Order product name	BGP382 GRN85/740 I DM AL GR D9 SP	
Full product name	BGP382 GRN85/740 I DM AL GR D9 SP	
Full product code	871869634719500	
Order code	910925863308	
Material Nr. (12NC)	910925863308	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696347195	
Numerator Dacks nor outer boy	1	
Numerator - Packs per outer box		

Iridium gen3 LED Medium

Dimensional drawing





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