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

Lamp family code	GRN85 [LED GreenLine 8500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP382 [Iridium gen3 Medium]
Lighting Technology	LED
Embedded control	-
CE mark	Yes

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Warranty period	5 years		**Optical cover material**	Polycarbonate
Flammability mark	–		**Fixation material**	Aluminum
ENEC mark	ENEC mark		**Housing Color**	Grey
Glow-wire test	Temperature 650 °C, duration 5 s		**Mounting device**	Spigot
EU RoHS compliant	No		**Optical cover shape**	Flat
			Optical cover finish	Textured
Light Technical			**Overall length**	650 mm
Upward light output ratio	0		**Overall width**	330 mm
Luminous Flux	7,998 lm		**Overall height**	157 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.031 m²
Standard tilt angle side entry	0°		**Dimensions (Height x Width x Depth)**	157 x 330 x 650 mm
Correlated Color Temperature (Nom)	4000 K		**Parts color**	All parts colored
Luminous Efficacy (rated) (Nom)	154 lm/W			
Color rendering index (CRI)	70		**Approval and Application**	
Number of light sources	1		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white		**Mech. impact protection code**	IK09 [10 J]
Optical cover type	Polycarbonate bowl/cover		**Surge Protection (Common/Differential)**	4/4 kV
Luminaire light beam spread	152°		**Protection class IEC**	Safety class I
Optic type outdoor	Distribution medium			
			Initial Performance (IEC Compliant)	
Operating and Electrical			**Luminous flux tolerance**	+/-7%
Input Voltage	220 to 240 V		**Initial chromaticity**	(0.38, 0.38) SDCM <5
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Initial CLO power consumption	[delete] W		**Init. Color Rendering Index Tolerance**	+/-2
Average CLO power consumption	[delete] W			
End CLO power consumption	[delete] W		**Over Time Performance (IEC Compliant)**	
Inrush current	45 A		**Control gear failure rate at median useful life 100000 h**	10 %
Inrush time	0.285 ms			
Power Consumption	52 W		**Lumen maintenance at median useful life* 100000 h**	L80
Power Factor (Fraction)	0.97			
Connection	Screw connection block 5-pole			
Cable	–		**Application Conditions**	
Number of products on MCB of 16 A type B	10		**Performance ambient temperature Tq**	25 °C
			Maximum dim level	0% (digital)
Temperature				
Ambient temperature range	–40 to +50 °C		**Product Data**	
			Order product name	BGP382 GRN85/740 I DM AL GR D9 SP
Controls and Dimming			**Full product name**	BGP382 GRN85/740 I DM AL GR D9 SP
Dimmable	Yes		**Full product code**	871869634719500
Driver/power unit/transformer	Power supply unit with DALI interface		**Order code**	910925863308
Control interface	DALI		**Material Nr. (12NC)**	910925863308
Constant light output	No		**Numerator – Quantity Per Pack**	1
			EAN/UPC – Product/Case	8718696347195
Mechanical and Housing			**Numerator – Packs per outer box**	1
Housing Material	Aluminum		**EAN/UPC – Case**	8718696347195
Reflector material	–			
Optic material	Polycarbonate			

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Dimensional drawing