



Iridium gen3 LED Large

BGP383 GRN125/740 I DM AL GR D9 SP

Iridium gen3 Large, LED GreenLine 12500 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	GRN125 [LED GreenLine 12500 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	BGP383 [Iridium gen3 Large]
Lighting Technology	LED
Embedded control	-
CE mark	Yes

Datasheet, 2023, September 4 data subject to change

Iridium gen3 LED Large

Flammability mark ENEC mark ENEC mark Glow-wire test Temperature 650 °C, duration 5 s EU RoHS compliant No Light Technical Upward light output ratio Upward light output ratio Upward light angle postop o° Standard tilt angle postop O° Standard tilt angle side entry O° Correlated Color Temperature (Nom) Light Source color Optical cover type Polycarbonate bowi/cover Luminous Efficacy (rated) (Nom) Distribution medium Operating and Electrical Input Voltage Line Frequency Inrush current 53 A Inrush time 0.3 ms Power Consumption 73 W Power Factor (Fraction) 0.96 Connection Screw connection block 5-pole Cable Number of products on MCB of 16 A type B 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 Reflector material Polycarbonate Fixation material Aluminum	Warranty period	5 years
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rixation material Aluminum		
	Fixation material	Aluminum

Housing Color	Grey
Mounting device	Spigot
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	750 mm
Overall width	355 mm
Overall height	157 mm
Effective projected area	0.039 m²
Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Parts color	All parts colored
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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 Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
Lumen maintenance at median useful life* 100000 h	L80
life* 100000 h	L80
life* 100000 h Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
life* 100000 h Application Conditions	
Application Conditions Performance ambient temperature Tq Maximum dim level	25 ℃
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 °C 0% (digital)
Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	25 °C 0% (digital) BGP383 GRN125/740 I DM AL GR D9 SP
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Iridium gen3 LED Large

Dimensional drawing



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