



Iridium gen3 LED Large

BGP383 LWFP GRN185/740 II DM CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 18500 lm, 740 neutral white, Safety class II, 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	GRN185 [LED GreenLine 18500 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.	
Light source engine type	LED	
Service tag	Yes	
Product family code	BGP383 [Iridium gen3 Large]	
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	

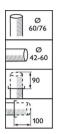
Datasheet, 2023, September 4 data subject to change

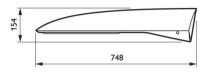
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			-
Warranty period	5 years	Mounting device	Spigot
Flammability mark		Optical cover shape	Flat
ENEC mark	ENEC mark	Optical cover finish	Textured
Glow-wire test	Temperature 650 °C, duration 5 s	Overall length	750 mm
EU RoHS compliant	No	Overall width	355 mm
		Overall height	157 mm
Light Technical		Effective projected area	0.039 m²
Upward light output ratio	0	Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Luminous Flux	16,650 lm	Parts color	Cover painted
Standard tilt angle posttop	0°		
Standard tilt angle side entry	0°	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP66 [Dust penetration-protected, jet-
Luminous Efficacy (rated) (Nom)	149 lm/W		proof]
Color rendering index (CRI)	70	Mech. impact protection code	IK09 [10 J]
Number of light sources	1	Surge Protection (Common/Differential)	4/4 kV
Light source color	740 neutral white	Protection class IEC	Safety class II
Optical cover type	Polycarbonate bowl/cover	Initial Barfarrana (IEC Carrelliant)	
Luminaire light beam spread	152°	Initial Performance (IEC Compliant)	. / 70/
Optic type outdoor	Distribution medium	Luminous flux tolerance	+/-7%
		Initial chromaticity	(0.38, 0.38) SDCM <5
Operating and Electrical	2201 2401	Power consumption tolerance	+/-10%
Input Voltage	220 to 240 V	Init. Color Rendering Index Tolerance	+/-2
Line Frequency	50 to 60 Hz	Over Time Desferance (IEC Consulting	4)
Inrush current	53 A	Over Time Performance (IEC Complia	-
Inrush time	0.3 ms	Control gear failure rate at median useful	10 %
Power Consumption	112 W	life 100000 h	120
Power Factor (Fraction)	0.98	Lumen maintenance at median useful life* 100000 h	Lou
Connection	Screw connection block 3-pole	10000011	
Cable Number of products on MCR of 16. A type 5	-	Application Conditions	
Number of products on MCB of 16 A type E		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	0% (digital)
Ambient temperature range	-40 to +50 °C	- Haximain ain tevet	o to (digital)
Ambient temperature range	-40 to +30 C	Product Data	
Controls and Dimming		Order product name	BGP383 LWFP GRN185/740 II DM CO GR
Dimmable	Yes		SP
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP383 LWFP GRN185/740 II DM CO GR
Control interface	GPRS network	•	SP
Constant light output	No	Full product code	871829191195100
Constant light output		Order code	910925438372
Mechanical and Housing		Material Nr. (12NC)	910925438372
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718291911951
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718291911951
Fixation material	Aluminum		
Housing Color	Grey		

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Dimensional drawing









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