



Iridium gen3 LED Large

BGP383 LW10 GRN81/830 II DM CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 8100 lm, 830 warm 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	GRN81 [LED GreenLine 8100 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
Product family code	BGP383 [Iridium gen3 Large]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years

Datasheet, 2023, September 4 data subject to change

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Flammability mark	-	Mount
ENEC mark	ENEC mark	Optica
Glow-wire test	Temperature 650 °C, duration 5 s	Optica
EU RoHS compliant	No	Overa
		Overa
Light Technical		Overa
Upward light output ratio	0	Effecti
Luminous Flux	7,360 lm	Dimen
Standard tilt angle posttop	O°	Parts
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	3000 K	Appro
Luminous Efficacy (rated) (Nom)	125 lm/W	Ingres
Color rendering index (CRI)	80	
Light source color	830 warm white	Mech.
Optical cover type	Polycarbonate bowl/cover	Surge
Luminaire light beam spread	152°	Protec
Optic type outdoor	Distribution medium	
		Initia
Operating and Electrical		Lumin
Input Voltage	220 to 240 V	Initial
Line Frequency	50 to 60 Hz	Powe
Inrush current	53 A	Init. C
Inrush time	0.3 ms	
Power Consumption	59 W	Over
Power Factor (Fraction)	0.94	Contro
Connection	Screw connection block 3-pole	life 10
Cable	-	Lume
Number of products on MCB of 16 A type B	8	10000
Temperature		Appl
Ambient temperature range	-40 to +50 °C	Perfo
		Maxin
Controls and Dimming		
Dimmable	Yes	Prod
Driver/power unit/transformer	Power supply unit regulating external	Order
Control interface	GPRS network	Full p
Constant light output	No	Full p
		Order
Mechanical and Housing		Mater
Housing Material	Aluminum	Nume
Reflector material	-	EAN/
Optic material	Polycarbonate	Nume
Optical cover material	Polycarbonate	EAN/
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	Cover painted
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 II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.41) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Init. Color Rendering Index Tolerance	+/-2
Init. Color Rendering Index Tolerance Over Time Performance (IEC Complia	
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Dimensional drawing



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