



Iridium gen3 LED Large

BGP383 LW10 GRN160/830 I DM CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 16000 lm, 830 warm 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	GRN160 [LED GreenLine 16000 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

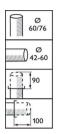
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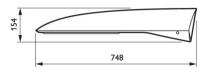
Flammability mark	-	Mountir
ENEC mark	ENEC mark	Optical
Glow-wire test	Temperature 650 °C, duration 5 s	Optical
EU RoHS compliant	No	Overall
		Overall
Light Technical		Overall
Upward light output ratio	0	Effectiv
Luminous Flux	13,920 lm	Dimens
Standard tilt angle posttop	O°	Parts co
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	3000 K	Appro
Luminous Efficacy (rated) (Nom)	110 lm/W	Ingress
Color rendering index (CRI)	80	
Light source color	830 warm white	Mech. ii
Optical cover type	Polycarbonate bowl/cover	Surge P
Luminaire light beam spread	152°	Protect
Optic type outdoor	Distribution medium	_
		Initial
Operating and Electrical		Lumino
Input Voltage	220 to 240 V	Initial c
Line Frequency	50 to 60 Hz	Power
Inrush current	53 A	Init. Co
Inrush time	0.3 ms	_
Power Consumption	126 W	Over T
Power Factor (Fraction)	0.98	Control
Connection	Screw connection block 3-pole	life 100
Cable	-	Lumen
Number of products on MCB of 16 A type B	8	100000
Temperature		Applic
Ambient temperature range	-40 to +50 °C	Perforn
		Maxim
Controls and Dimming		-
Dimmable	Yes	Produ
Driver/power unit/transformer	Power supply unit regulating external	Order p
Control interface	GPRS network	Full pro
Constant light output	No	Full pro
		Order c
Mechanical and Housing		Materia
Housing Material	Aluminum	Numera
Reflector material	-	EAN/U
Optic material	Polycarbonate	Numera
Optical cover material	Polycarbonate	EAN/UI
Fixation material	Aluminum	

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 I
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
Over Time Performance (IEC Complia	unt)
Over Time Performance (IEC Complia Control gear failure rate at median useful	
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h	nnt) 10 %
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	nnt) 10 %
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Dimensional drawing









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