



Iridium gen3 LED Medium

BGP382 LW10 GRN70/830 I DC CO GR SP

Iridium gen3 Medium, CityTouch with 10 years service contract, LED GreenLine 7000 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	GRN70 [LED GreenLine 7000 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	BGP382 [Iridium gen3 Medium]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years

Datasheet, 2023, April 29 data subject to change

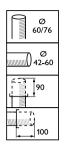
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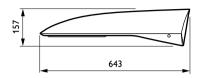
Flammability mark -	
ENEC mark ENEC r	
	rature 650 °C, duration 5 s
EU RoHS compliant No	
Light Technical	
Upward light output ratio 0	
Luminous Flux 6,376 li	<u>m</u>
Standard tilt angle posttop 0°	
Standard tilt angle side entry 0°	
Correlated Color Temperature (Nom) 3000 k	<u> </u>
Luminous Efficacy (rated) (Nom) 110 lm/	W
Color rendering index (CRI) 80	
Number of light sources 1	
	arm white
Optical cover type Polyca	rbonate bowl/cover
Luminaire light beam spread 152°	
Optic type outdoor Distribu	ution medium
Operating and Electrical	
Input Voltage 220 to	240 V
Line Frequency 50 to 6	0 Hz
Inrush current 45 A	
Inrush time 0.285 r	ns
Power Consumption 58 W	
Power Factor (Fraction) 0.98	
Connection Screw	connection block 3-pole
Cable -	
Number of products on MCB of 16 A type B 10	
Temperature	
Ambient temperature range -40 to	+50 °C
Controls and Dimming	
Dimmable Yes	
	supply unit regulating external
-	network
Constant light output No	
Mechanical and Housing	
Housing Material Alumin	um
Reflector material -	
Optic material Polyca	rbonate
	rbonate
Fixation material Alumin	um

Mounting device	Spigot
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	650 mm
Overall width	330 mm
Overall height	157 mm
Effective projected area	0.031 m²
Dimensions (Height x Width x Depth)	157 x 330 x 650 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	ınt)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP382 LW10 GRN70/830 I DC CO GR SP
Full product name	BGP382 LW10 GRN70/830 I DC CO GR SP
Full product code	871829191198200
Order code	91198200
Material Nr. (12NC)	910925438375
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291911982
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291911982

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Dimensional drawing









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