



Iridium gen3 LED Medium

BGP382 LW10 GRN100/830 I DM CO GR SP

Iridium gen3 Medium, CityTouch with 10 years service contract, LED GreenLine 10000 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 GRN100 [LED GreenLine 10000 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		
Light source replaceable Number of gear units Gear EB [Electronic] Driver included Yes Photocell - Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	General Information	
Number of gear units 1 unit EB [Electronic] Driver included Yes Photocell - Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	Lamp family code	GRN100 [LED GreenLine 10000 lm]
Gear EB [Electronic] Driver included Yes Photocell - Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	Light source replaceable	Yes
Driver included Yes Photocell - Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	Number of gear units	1 unit
Photocell - Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	Gear	EB [Electronic]
Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based	Driver included	Yes
"Evaluating performance of LED based	Photocell	-
	Remarks	*-Per Lighting Europe guidance paper
luminaires - January 2018": statistically		"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, September 4 data subject to change

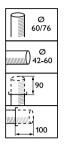
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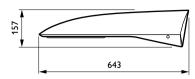
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	8,763 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	85 W
Power Factor (Fraction)	0.99
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type I	3 10
Temperature	
Ambient temperature range	-40 to +50 ℃
C + 1 181 1	
Controls and Dimming	
Dimmable	Yes
Dimmable Driver/power unit/transformer	Power supply unit regulating external
Dimmable Driver/power unit/transformer Control interface	Power supply unit regulating external GPRS network
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Dimmable Driver/power unit/transformer Control interface Constant light output	Power supply unit regulating external GPRS network
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Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit regulating external GPRS network No Aluminum - Polycarbonate Polycarbonate
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit regulating external GPRS network No Aluminum - Polycarbonate

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	unt)
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 GRN100/830 I DM CO GR SP
Full product name	BGP382 LW10 GRN100/830 I DM CO GR SP
Full product code	871829191201900
Order code	910925438378
Material Nr. (12NC)	910925438378
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291912019
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291912019

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Dimensional drawing









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