



# Iridium gen3 LED Medium

### BGP382 LW10 GRN55/740 II DM CO GR SP

Iridium gen3 Medium, CityTouch with 10 years service contract, LED GreenLine 5500 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	GRN55 [LED GreenLine 5500 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, September 4 data subject to change

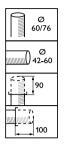
## Iridium gen3 LED Medium

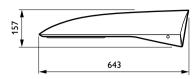
Flammability mark  ENEC mark Glow-wire test EU ROHS compliant  Light Technical  Upward light output ratio  Luminous Flux Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Standard filth sources  Light source color  Optical cover type  Luminaire light beam spread  Optical cover type  Luminaire light beam spread  Opticat powd beam spread  Input Voltage  Line Frequency  Inrush current  45 A  Inrush time  O285 ms  Power Consumption  Cable  - Number of products on MCB of 16 A type B  Temperature  Ambient temperature range  Constant light output  No  Mechanical and Housing  Housing Material  Housing Material  Aluminum  Housing Material  Aluminum  Pomer Factor (Fraction)  Operating and Dimming  Dimmable  Power Spetwork  Constant light output  No  Mechanical and Housing  Housing Material  Aluminum  Pomer Factor (Fraction)  No  Aluminum  Aluminum  Aluminum  Aluminum		
Glow-wire test Temperature 650 °C, duration 5 s EU RoHS compliant No  Light Technical  Upward light output ratio 0 Luminous Flux 5,027 lm  Standard tilt angle posttop 0° Standard tilt angle side entry 0° Correlated Color Temperature (Nom) 138 lm/W  Color rendering index (CRI) 70 Number of light sources 1 Light source color 740 neutral 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 36.5 W Power Factor (Fraction) 0,95 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 Driver/power unit/transformer Power supply unit regulating external Control interface GPRS network Constant light output No		-
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Control interface GPRS network  Constant light output No  Mechanical and Housing		
Constant light output No  Mechanical and Housing		
Mechanical and Housing		
	Constant light output	No
	Machanian and Herrite	
nousing material Aluminum		Altuniation
Deflector material		Aluminum
Reflector material -		Polysouhomate
Optic material Polycarbonate		
Optical cover material Polycarbonate		
Fixation material Aluminum		
Housing Color Grey	Housing Color	Grey

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 II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	nt)
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 GRN55/740 II DM CO GR SP
Full product name	BGP382 LW10 GRN55/740 II DM CO GR SP
Full product code	871829191227900
Order code	910925438405
Material Nr. (12NC)	910925438405
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291912279
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291912279

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#### Dimensional drawing









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