



# Iridium gen3 LED Medium

### BGP382 LW10 GRN105/740 I DM CO GR SP

Iridium gen3 Medium, CityTouch with 10 years service contract, LED GreenLine 10500 lm, 740 neutral 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	GRN105 [LED GreenLine 10500 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.
LED
BGP382 [Iridium gen3 Medium]
LED
-
Yes
5 years

Datasheet, 2023, April 29 data subject to change

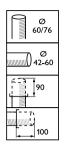
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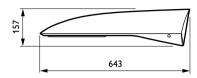
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	9,259 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	132 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
optic type outdoor	Disarbation medialli
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
	70 W
Power Consumption  Power Factor (Fraction)	
Power Factor (Fraction)	0.96
Connection	Screw connection block 3-pole
Cable  Number of products on MCR of 16 A tupo R	10
Number of products on MCB of 16 A type B	IU
Temperature	
-	-40 to +50 °C
Ambient temperature range	-40 t0 +30 C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	GPRS network
Constant light output	No
Constant light output	110
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	<u> </u>
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
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 I	
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 Compliant)		
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 GRN105/740 I DM CO GR SP	
Full product name	BGP382 LW10 GRN105/740 I DM CO GR SP	
Full product code	871829191225500	
Order code	91225500	
Material Nr. (12NC)	910925438403	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291912255	
Numerator - Packs per outer box	1	
- Turnerator Tacks per outer box		
EAN/UPC - Case	8718291912255	

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#### Dimensional drawing









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