



# Iridium gen3 LED Medium

#### BGP382 LWFP GRN90/830 II DC CO GR SP

Iridium gen3 Medium, CityTouch with future proof service, LED GreenLine 9000 lm, 830 warm 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**

GRN90 [LED GreenLine 9000 lm]
Yes
1 unit
EB [Electronic]
Yes
-
*-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

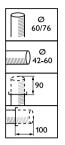
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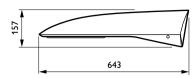
Florens hilitar monte	
Flammability mark	ENEC many
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Link Taskviral	
Light Technical	
Upward light output ratio	0
Luminous Flux	7,908 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105 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	75 W
Power Factor (Fraction)	0.99
Connection	Screw connection block 3-pole
Cable	
Number of products on MCB of 16 A type B	10
Temperature	40. 50.05
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
	Voc
Dimmable  Driver / newer unit / transformer	Yes  Power supply unit regulating external
Driver/power unit/transformer	Power supply unit regulating external
Control interface	GPRS network
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
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 II	
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 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 °C	
Maximum dim level	0% (digital)	
Product Data		
Order product name	BGP382 LWFP GRN90/830 II DC CO GR SP	
Full product name	BGP382 LWFP GRN90/830 II DC CO GR SP	
Full product code	871829191218700	
Order code	910925438395	
Material Nr. (12NC)	910925438395	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291912187	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291912187	

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#### Dimensional drawing









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