



# Iridium gen3 LED Mini

#### BGP381 GRN25/830 I MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 2500 lm, 830 warm white, Safety class I, Medium wide street optic, 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**

GRN25 [LED GreenLine 2500 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. * At	

	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BGP381 [Iridium gen3 Mini]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s

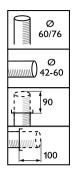
Datasheet, 2023, April 29 data subject to change

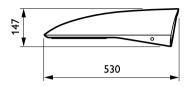
### Iridium gen3 LED Mini

EU RoHS compliant	No	Mounting device	Spigot
		Optical cover shape	Flat
Light Technical		Optical cover finish	Textured
Upward light output ratio	0	Overall length	531 mm
Luminous Flux	2,350 lm	Overall width	273 mm
Standard tilt angle posttop	O°	Overall height	156 mm
Standard tilt angle side entry	O°	Effective projected area	0.024 m²
Correlated Color Temperature (Nom)	3000 K	Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Luminous Efficacy (rated) (Nom)	118 lm/W	Parts color	Cover painted
Color rendering index (CRI)	80		
Number of light sources	1	Approval and Application	
Light source color	830 warm white	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate bowl/cover	Mech. impact protection code	IK09 [10 J]
Luminaire light beam spread	152°	Surge Protection (Common/Differential)	4/4 kV
Optic type outdoor	Medium wide street optic	Protection class IEC	Safety class I
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-7%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.43, 0.41) SDCM <5
Inrush current	22 A	Power consumption tolerance	+/-10%
Inrush time	0.29 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	20 W		
Power Factor (Fraction)	0.96	Over Time Performance (IEC Compl	iant)
Connection	Screw connection block 3-pole	Control gear failure rate at median useful	10 %
Cable	-	life 100000 h	
Number of products on MCB of 16 A type	20	Lumen maintenance at median useful life* L80	
В		100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 °C	Performance ambient temperature Tq	25 °C
		Maximum dim level	Not applicable
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit regulating	Order product name	BGP381 GRN25/830 I MSO CO GR SP
Control interface	-	Full product name	BGP381 GRN25/830 I MSO CO GR SP
Constant light output	No	Full product code	871829190816600
		Order code	90816600
Mechanical and Housing		Material Nr. (12NC)	910925438265
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718291908166
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718291908166
Fixation material	Aluminum		
Housing Color	Grey		

## Iridium gen3 LED Mini

#### Dimensional drawing









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