



# Iridium gen3 LED Mini

#### BGP381 GRN17/830 II MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 1700 lm, 830 warm white, Safety class II, 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**

General Information	
Lamp family code	GRN17 [LED GreenLine 1700 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	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
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0

Datasheet, 2023, April 29 data subject to change

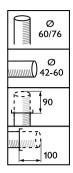
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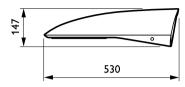
Luminous Flux	1,615 lm	Optical cover finish
Standard tilt angle posttop	O°	Overall length
Standard tilt angle side entry	O°	Overall width
Correlated Color Temperature (Nom)	3000 K	Overall height
Luminous Efficacy (rated) (Nom)	111 lm/W	Effective projected are
Color rendering index (CRI)	80	Dimensions (Height x
Number of light sources	1	Parts color
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover	Approval and Appl
Luminaire light beam spread	152°	Ingress protection cod
Optic type outdoor	Medium wide street optic	Mech. impact protecti
		Surge Protection (Con
Operating and Electrical		Protection class IEC
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Initial Performance
Inrush current	15 A	Luminous flux toleran
Inrush time	0.36 ms	Initial chromaticity
Power Consumption	14.6 W	Power consumption to
Power Factor (Fraction)	0.98	Init. Color Rendering I
Connection	Screw connection block 3-pole	
Cable	-	Over Time Perform
Number of products on MCB of 16 A type	23	Control gear failure ra
В		life 100000 h
		Lumen maintenance a
Temperature		100000 h
Ambient temperature range	-40 to +50 ℃	<u> </u>
		Application Condit
Controls and Dimming		Performance ambient
Dimmable	No	Maximum dim level
Driver/power unit/transformer	Power supply unit regulating	
Control interface	-	Product Data
Constant light output	No	Order product name
		Full product name
Mechanical and Housing		Full product code
Housing Material	Aluminum	Order code
Reflector material	-	Material Nr. (12NC)
Optic material	Polycarbonate	Numerator - Quantity
Optical cover material	Polycarbonate	EAN/UPC - Product/C
Fixation material	Aluminum	Numerator - Packs pe
Housing Color	Grey	EAN/UPC - Case
Mounting device	Spigot	

Optical cover finish	Textured
Overall length	531 mm
Overall width	273 mm
Overall height	156 mm
Effective projected area	0.024 m²
Dimensions (Height x Width x Depth)	156 x 273 x 531 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 Complia	ant)
Control gear failure rate at median useful	10 %
Control gear failure rate at median useful life 100000 h	10 %
_	
life 100000 h	
life 100000 h  Lumen maintenance at median useful life*	
life 100000 h  Lumen maintenance at median useful life*	L80
life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq	
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life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case  Numerator - Packs per outer box	L80  25 °C  Not applicable  BGP381 GRN17/830 II MSO CO GR SP  BGP381 GRN17/830 II MSO CO GR SP  871829190832600  90832600  910925438281  1  8718291908326  1

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#### Dimensional drawing









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