



Iridium gen3 LED Mini

BGP381 GRN40/830 II MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 4000 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	GRN40 [LED GreenLine 4000 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, September 4 data subject to change

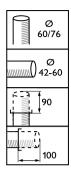
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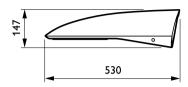
Luminous Flux	3,680 lm	Optical cover finish
Standard tilt angle posttop	0°	Overall length
Standard tilt angle side entry	0°	Overall width
Correlated Color Temperature (Nom)	3000 K	Overall height
Luminous Efficacy (rated) (Nom)	110 lm/W	Effective projected area
Color rendering index (CRI)	80	Dimensions (Height x Width
Number of light sources	1	Parts color
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover	Approval and Applicatio
Luminaire light beam spread	152°	Ingress protection code
Optic type outdoor	Medium wide street optic	Mech. impact protection cod
		Surge Protection (Common/I
Operating and Electrical		Protection class IEC
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Initial Performance (IEC
Inrush current	22 A	Luminous flux tolerance
Inrush time	0.29 ms	Initial chromaticity
Power Consumption	33.5 W	Power consumption tolerand
Power Factor (Fraction)	0.98	Init. Color Rendering Index T
Connection	Screw connection block 3-pole	-
Cable	-	Over Time Performance
Number of products on MCB of 16 A type	20	Control gear failure rate at m
В		life 100000 h
		Lumen maintenance at medi
Temperature		100000 h
Ambient temperature range	-40 to +50 °C	
		Application Conditions
Controls and Dimming		Performance ambient tempe
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 Per Pa
Optical cover material	Polycarbonate	EAN/UPC - Product/Case
Fixation material	Aluminum	Numerator - Packs per outer
Housing Color	Grey	EAN/UPC - Case
Mounting device	Spigot	
Optical cover shape	Flat	
Optical Cover shape	i tac	-

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 %
life 100000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BGP381 GRN40/830 II MSO CO GR SP
Full product name	BGP381 GRN40/830 II MSO CO GR SP
Full product code	871829190844900
Order code	910925438293
Material Nr. (12NC)	910925438293
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291908449
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291908449

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Dimensional drawing









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