Iridium gen3 LED Mini

BGP381 GRN30/830 I MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 3000 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

General Information

Lamp family code	GRN30 [LED GreenLine 3000 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. * At

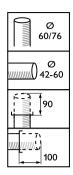|	
	extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP381 [Iridium gen3 Mini]
Lighting Technology	LED
Embedded control	–
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire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

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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	2,790 lm	**Overall width**	273 mm
Standard tilt angle posttop	0°	**Overall height**	156 mm
Standard tilt angle side entry	0°	**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)	114 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	24.5 W		
Power Factor (Fraction)	0.97	**Over Time Performance (IEC Compliant)**	
Connection	Screw connection block 3-pole	**Control gear failure rate at median useful life 100000 h**	10 %
Cable	–		
Number of products on MCB of 16 A type B	20	**Lumen maintenance at median useful life* 100000 h**	L80
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 GRN30/830 I MSO CO GR SP
Control interface	–	**Full product name**	BGP381 GRN30/830 I MSO CO GR SP
Constant light output	No	**Full product code**	871829190818000
		Order code	90818000
Mechanical and Housing		**Material Nr. (12NC)**	910925438267
Housing Material	Aluminum	**Numerator – Quantity Per Pack**	1
Reflector material	–	**EAN/UPC – Product/Case**	8718291908180
Optic material	Polycarbonate	**Numerator – Packs per outer box**	1
Optical cover material	Polycarbonate	**EAN/UPC – Case**	8718291908180
Fixation material	Aluminum		
Housing Color	Grey		

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Dimensional drawing

Ø 60/76

Ø 42-60

90

100

147

530

270

![PHILIPS logo]