PHILIPS Lighting



Iridium gen3 LED Mini

BGP381 GRN11/740 II MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 1100 lm, 740 neutral 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	GRN11 [LED GreenLine 1100 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

Iridium gen3 LED Mini

Operating and Electrical

EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	1,045 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	134 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Medium wide street optic

Mounting device	Spigot
Optical cover shape	Flat
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 Perform	Initial Performance (IEC Compliant)		
Luminous flux to	lerance	+/-7%	
Initial chromatici	ty	(0.38, 0.38) SDCM <5	
Power consumpt	ion tolerance	+/-10%	
Init. Color Rende	ring Index Tolerance	+/-2	

Over Time Performance	(IEC Compliant)
	(

Control gear failure rate at median useful		10 %
	life 100000 h	
	Lumen maintenance at median useful	L80
	life* 100000 h	

Application Conditions

Performance ambient temperature Tq 25 °C Maximum dim level

Not applicable

Product Data

Order product name	BGP381 GRN11/740 II MSO CO GR SP
Full product name	BGP381 GRN11/740 II MSO CO GR SP
Full product code	871829190825800
Order code	910925438274
Material Nr. (12NC)	910925438274
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291908258
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291908258

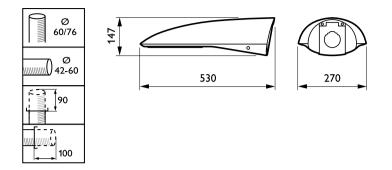
220 to 240 V
50 to 60 Hz
15 A
0.36 ms
7.8 W
0.94
Screw connection block 3-pole
-
23
-40 to +50 °C
No

Driver/power unit/transformer	Power supply unit regulating
Control interface	-
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

Iridium gen3 LED Mini

Dimensional drawing





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