



Iridium gen3 LED Mini

BGP381 GRN22/740 II DM CO GR CLO-DDF2 SP

Iridium gen3 Mini, LED GreenLine 2200 lm, 740 neutral white, Safety class II, Distribution medium, Grey, Constant light output and DynaDimmer fixed presets version 2, 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	GRN22 [LED GreenLine 2200 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	Constant light output and DynaDimmer fixed	
	presets version 2	
CE mark	yes	
CE mark Warranty period	·	
	Yes	
Warranty period	Yes	

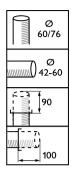
Datasheet, 2023, September 4 data subject to change

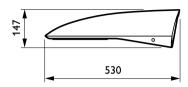
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EU RoHS compliant	No	Housing Color	Grey
		Mounting device	Spigot
Light Technical		Optical cover shape	Flat
Upward light output ratio	0	Optical cover finish	Textured
Luminous Flux	1,974 lm	Overall length	531 mm
Standard tilt angle posttop	0°	Overall width	273 mm
Standard tilt angle side entry	0°	Overall height	156 mm
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.024 m²
Luminous Efficacy (rated) (Nom)	145 lm/W	Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Color rendering index (CRI)	70	Parts color	Cover painted
Number of light sources			
Light source color	740 neutral white	Approval and Application	
Optical cover type	Polycarbonate bowl/cover	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	152°	Mech. impact protection code	IK09 [10 J]
Optic type outdoor	Distribution medium	Surge Protection (Common/Differential)	4/4 kV
		Protection class IEC	Safety class II
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Initial CLO power consumption	13.6 W	Initial chromaticity	(0.38, 0.38) SDCM <5
Average CLO power consumption	14 W	Power consumption tolerance	+/-10%
End CLO power consumption	14.2 W	Init. Color Rendering Index Tolerance	+/-2
Inrush current	22 A		
Inrush time	0.29 ms	Over Time Performance (IEC Compl	iant)
Power Consumption	14.2 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.93	life 100000 h	
Connection	Screw connection block 3-pole	Lumen maintenance at median useful	L100
Cable	-	life* 100000 h	
Number of products on MCB of 16 A type	20		
В		Application Conditions	
		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	50%
Ambient temperature range	-40 to +50 °C		
	_	Product Data	
Controls and Dimming		Order product name	BGP381 GRN22/740 II DM CO GR CLO-DDF2
Dimmable	Yes		SP
Driver/power unit/transformer	Power supply unit with DynaDimmer and	Full product name	BGP381 GRN22/740 II DM CO GR CLO-DDF2
	constant light output (integrated)		SP
Control interface	-	Full product code	871869631943700
Constant light output	Yes	Order code	910925439199
		Material Nr. (12NC)	910925439199
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8718696319437
Reflector material	-	Numerator - Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC - Case	8718696319437
Optical cover material	Polycarbonate		
Fixation material	Aluminum		

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Dimensional drawing









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