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]		B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes		Light source engine type	LED
Number of gear units	1 unit		Product family code	BGP381 [Iridium gen3 Mini]
Gear	EB [Electronic]		Lighting Technology	LED
Driver included	Yes		Embedded control	Constant light output and DynaDimmer fixed presets version 2
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		CE mark	Yes
			Warranty period	5 years
			Flammability mark	–
			ENEC mark	ENEC mark
			Glow-wire test	Temperature 650 ℃, duration 5 s

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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	1			
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 Compliant)**	
Power Consumption	14.2 W		**Control gear failure rate at median useful life 100000 h**	10 %
Power Factor (Fraction)	0.93			
Connection	Screw connection block 3-pole		**Lumen maintenance at median useful life* 100000 h**	L100
Cable	–			
Number of products on MCB of 16 A type B	20		**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 SP
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)		**Full product name**	BGP381 GRN22/740 II DM CO GR CLO-DDF2 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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2023, September 4 – data subject to change