



Iridium gen3 LED Mini

BGP381 GRN45/740 II DM CO GR CLO-DDF2 SP

Iridium gen3 Mini, LED GreenLine 4500 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	GRN45 [LED GreenLine 4500 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	Constant light output and DynaDimmer fixed	
	presets version 2	
CE mark	Yes	
Warranty period	5 years	

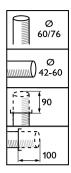
Datasheet, 2023, September 4 data subject to change

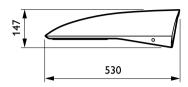
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Flammability mark	-	Fixation material	Aluminum
ENEC mark	ENEC mark	Housing Color	Grey
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Spigot
EU RoHS compliant	No	Optical cover shape	Flat
		Optical cover finish	Textured
Light Technical		Overall length	531 mm
Upward light output ratio	0	Overall width	273 mm
Luminous Flux	3,813 lm	Overall height	156 mm
Standard tilt angle posttop	0°	Effective projected area	0.024 m²
Standard tilt angle side entry	0°	Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Correlated Color Temperature (Nom)	4000 K	Parts color	Cover painted
Luminous Efficacy (rated) (Nom)	141 lm/W		
Color rendering index (CRI)	70	Approval and Application	
Number of light sources	1	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white	Mech. impact protection code	IK09 [10 J]
Optical cover type	Polycarbonate bowl/cover	Surge Protection (Common/Differential)	4/4 kV
Luminaire light beam spread	152°	Protection class IEC	Safety class II
Optic type outdoor	Distribution medium		
		Initial Performance (IEC Compliant	t)
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Initial CLO power consumption	27 W	Init. Color Rendering Index Tolerance	+/-2
Average CLO power consumption	28 W		
End CLO power consumption	28.5 W	Over Time Performance (IEC Comp	pliant)
Inrush current	22 A	Control gear failure rate at median	10 %
Inrush time	0.29 ms	useful life 100000 h	
Power Consumption	28.5 W	Lumen maintenance at median useful	L100
Power Factor (Fraction)	0.98	life* 100000 h	
Connection	Screw connection block 3-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A typ	ne 20	Performance ambient temperature Tq	25 °C
В		Maximum dim level	50%
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BGP381 GRN45/740 II DM CO GR CLO-DDF2
			SP
Controls and Dimming		Full product name	BGP381 GRN45/740 II DM CO GR CLO-DDF2
Dimmable	Yes		SP
Driver/power unit/transformer	Power supply unit with DynaDimmer and	Full product code	871869631947500
	constant light output (integrated)	Order code	910925439204
Control interface	-	Material Nr. (12NC)	910925439204
Constant light output	Yes	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696319475
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718696319475
Reflector material	-		
Optic material	Polycarbonate		
Optical cover material	Polycarbonate		

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Dimensional drawing









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