



Iridium gen3 LED Mini

BGP381 LW10 GRN45/740 I MSO CO GR SP

Iridium gen3 Mini, CityTouch with 10 years service contract, LED GreenLine 4500 lm, 740 neutral 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	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.	
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	

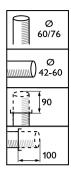
Datasheet, 2023, September 4 data subject to change

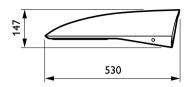
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EU RoHS compliant	No	Optical cover shape	Flat
		Optical cover finish	Textured
Light Technical		Overall length	531 mm
Upward light output ratio	0	Overall width	273 mm
Luminous Flux	4,230 lm	Overall height	156 mm
Standard tilt angle posttop	O°	Effective projected area	0.024 m²
Standard tilt angle side entry	O°	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)	143 lm/W		
Color rendering index (CRI)	70	Approval and Application	
Light source color	740 neutral 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	(0.38, 0.38) SDCM <5
Inrush current	22 A	Power consumption tolerance	+/-10%
Inrush time	0.29 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	29.5 W		
Power Factor (Fraction)	0.98	Over Time Performance (IEC Compli	ant)
Connection	Screw connection block 3-pole	Control gear failure rate at median useful	10 %
Cable	-	life 100000 h	
Number of products on MCB of 16 A type	20	Lumen maintenance at median useful life*	L80
В		100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 °C	Performance ambient temperature Tq	25 ℃
		Maximum dim level	0% (digital)
Controls and Dimming			
Dimmable	Yes	Product Data	
Driver/power unit/transformer	Power supply unit regulating external	Order product name	BGP381 LW10 GRN45/740 I MSO CO GR SP
Control interface	GPRS network	Full product name	BGP381 LW10 GRN45/740 I MSO CO GR SP
Constant light output	No	Full product code	871869632101000
		Order code	910925439273
Mechanical and Housing		Material Nr. (12NC)	910925439273
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718696321010
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718696321010
Fixation material	Aluminum		
Housing Color	Grey		
Mounting device	Spigot		

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Dimensional drawing









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