



# Iridium gen3 LED Mini

#### BGP381 LW10 GRN35/740 II MSO AL 7035 SP

Iridium gen3 Mini, CityTouch with 10 years service contract, LED GreenLine 3500 lm, 740 neutral white, Safety class II, Medium wide street optic, 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	GRN35 [LED GreenLine 3500 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	

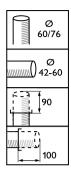
Datasheet, 2023, September 4 data subject to change

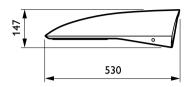
### Iridium gen3 LED Mini

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	3,290 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	All parts colored
Luminous Efficacy (rated) (Nom)	146 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	Medium wide street optic		
		Initial Performance (IEC Compliant)	)
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%
Inrush current	22 A	Init. Color Rendering Index Tolerance	+/-2
Inrush time	0.29 ms		
Power Consumption	22.5 W	Over Time Performance (IEC Comp	liant)
Power Factor (Fraction)	0.96	Control gear failure rate at median useful 10 %	
Connection	Screw connection block 3-pole	life 100000 h	
Cable	-	Lumen maintenance at median useful life	* L80
Number of products on MCB of 16 A type	20	100000 h	
В			
		Application Conditions	
Temperature		Performance ambient temperature Tq	25 ℃
Ambient temperature range	-40 to +50 °C	Maximum dim level	0% (digital)
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	BGP381 LW10 GRN35/740 II MSO AL 7035
Driver/power unit/transformer	Power supply unit regulating external		SP
Control interface	GPRS network	Full product name	BGP381 LW10 GRN35/740 II MSO AL 7035
Constant light output	No		SP
		Full product code	871869631939000
Mechanical and Housing		Order code	910925439195
Housing Material	Aluminum	Material Nr. (12NC)	910925439195
Reflector material	-	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	EAN/UPC - Product/Case	8718696319390
Optical cover material	Polycarbonate	Numerator - Packs per outer box	1
Fixation material	Aluminum	EAN/UPC - Case	8718696319390
Housing Color	RAL (to be defined)		
Mounting device	Spigot		

## Iridium gen3 LED Mini

#### Dimensional drawing









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