



Iridium gen3 LED Mini

BGP381 GRN35/740 II WSO CO GR MSP CLO-DD

Iridium gen3 Mini, LED GreenLine 3500 lm, 740 neutral white, Safety class II, Wide street optic, Grey, Constant light output and DynaDimmer fixed presets version 6, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

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	
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 6		
CE mark	Yes		

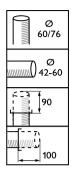
Datasheet, 2023, September 4 data subject to change

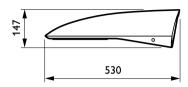
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Warranty period	5 years	Housing Color	Grey
Flammability mark	-	Mounting device	Spigot
ENEC mark	ENEC mark	Optical cover shape	Flat
EU RoHS compliant	No	Optical cover finish	Textured
		Overall length	531 mm
Light Technical		Overall width	273 mm
Upward light output ratio	0	Overall height	156 mm
Luminous Flux	3,102 lm	Effective projected area	0.024 m²
Standard tilt angle posttop	0°	Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Standard tilt angle side entry	0°	Parts color	Cover painted
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	148 lm/W	Approval and Application	
Color rendering index (CRI)	70	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)	Luminaire surge protection level until 10 kV
Luminaire light beam spread	152°		differential mode and 10 kV common mode
Optic type outdoor	Wide street optic	Protection class IEC	Safety class II
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
Initial CLO power consumption	21 W	Power consumption tolerance	+/-10%
Average CLO power consumption	21.5 W	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption	22 W		
Inrush current	22 A	Over Time Performance (IEC Comp	liant)
Inrush time	0.29 ms	Control gear failure rate at median	10 %
Power Consumption	22 W	useful life 100000 h	
Power Factor (Fraction)	0.96	Lumen maintenance at median useful	L100
Connection	Screw connection block 3-pole	life* 100000 h	
Cable	-		
Number of products on MCB of 16 A typ	De 20	Application Conditions	
В		Performance ambient temperature Tq	25 ℃
		Maximum dim level	50%
Temperature			
Ambient temperature range	-40 to +50 °C	Product Data	
-		Order product name	BGP381 GRN35/740 II WSO CO GR MSP CLO-
Controls and Dimming			DD
Dimmable	Yes	Full product name	BGP381 GRN35/740 II WSO CO GR MSP CLO-
Driver/power unit/transformer	Power supply unit with DynaDimmer and		DD
,	constant light output (integrated)	Full product code	871869637713000
Control interface	-	Order code	910925863588
Constant light output	Yes	Material Nr. (12NC)	910925863588
	·	Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718696377130
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	-	EAN/UPC - Case	8718696377130
Optic material	Polycarbonate		
Optical cover material	Polycarbonate		
Fixation material	Aluminum		

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Dimensional drawing









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