



Iridium gen3 LED Mini

BGP381 GRN11/740 I MSO CO GR SP

Iridium gen3 Mini, LED GreenLine 1100 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	GRN11 [LED GreenLine 1100 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 luminain	
	might automatically dim down to protect	
	components	
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	

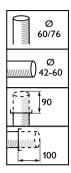
Datasheet, 2023, September 4 data subject to change

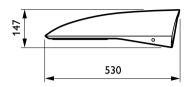
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EU RoHS compliant	No	Mounting device	Spigot
		Optical cover shape	Flat
Light Technical		Optical cover finish	Textured
Upward light output ratio	0	Overall length	531 mm
Luminous Flux	1,045 lm	Overall width	273 mm
Standard tilt angle posttop	O°	Overall height	156 mm
Standard tilt angle side entry	O°	Effective projected area	0.024 m²
Correlated Color Temperature (Nom)	4000 K	Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Luminous Efficacy (rated) (Nom)	134 lm/W	Parts color	Cover painted
Color rendering index (CRI)	70		
Number of light sources	1	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	15 A	Power consumption tolerance	+/-10%
Inrush time	0.36 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	7.8 W		
Power Factor (Fraction)	0.94	Over Time Performance (IEC Compl	iant)
Connection	Screw connection block 3-pole	Control gear failure rate at median useful	10 %
Connection Cable	Screw connection block 3-pole	Control gear failure rate at median useful life 100000 h	10 %
	- -	_	10 % L80
Cable	- -	life 100000 h	
Cable Number of products on MCB of 16 A type	- -	life 100000 h Lumen maintenance at median useful	
Cable Number of products on MCB of 16 A type	- -	life 100000 h Lumen maintenance at median useful	
Cable Number of products on MCB of 16 A type B	- -	life 100000 h Lumen maintenance at median useful life* 100000 h	
Cable Number of products on MCB of 16 A type B Temperature	23	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	L80
Cable Number of products on MCB of 16 A type B Temperature	23	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L80
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	23	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L80
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming	- 23 -40 to +50 °C	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	-40 to +50 °C	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L80 25 °C Not applicable
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	-40 to +50 °C No Power supply unit regulating	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	-40 to +50 °C No Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	-40 to +50 °C No Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	-40 to +50 °C No Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	-40 to +50 °C No Power supply unit regulating - No	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252 910925438252
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	-40 to +50 °C No Power supply unit regulating - No	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252 910925438252 1
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	- 23 -40 to +50 °C No Power supply unit regulating - No Aluminum -	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252 910925438252 1 8718291908036
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	- 23 -40 to +50 °C No Power supply unit regulating - No Aluminum - Polycarbonate	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252 910925438252 1 8718291908036 1
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	- 23 -40 to +50 °C No Power supply unit regulating - No Aluminum - Polycarbonate Polycarbonate	life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	L80 25 °C Not applicable BGP381 GRN11/740 I MSO CO GR SP BGP381 GRN11/740 I MSO CO GR SP 871829190803600 910925438252 910925438252 1 8718291908036 1

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Dimensional drawing









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