



# Iridium gen3 LED Mini

EU RoHS compliant	No
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## Light Technical

Upward light output ratio	0
Luminous Flux	1,880 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Medium wide street optic

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.36 ms
Power Consumption	17.8 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	23

## Temperature

Ambient temperature range	-40 to +50 °C
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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey

Mounting device	Spigot
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	531 mm
Overall width	273 mm
Overall height	156 mm
Effective projected area	0.024 m <sup>2</sup>
Dimensions (Height x Width x Depth)	156 x 273 x 531 mm
Parts color	Cover painted

## Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	4/4 kV
Protection class IEC	Safety class I

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.41) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

## Product Data

Order product name	BGP381 GRN20/830 I MSO CO GR SP
Full product name	BGP381 GRN20/830 I MSO CO GR SP
Full product code	871829190814200
Order code	910925438263
Material Nr. (12NC)	910925438263
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291908142
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291908142

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## Dimensional drawing

