

# Iridium gen3 LED Large

### BGP383 LW10 GRN81/830 I DM CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 8100 lm, 830 warm white, Safety class I, Distribution medium, 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**

GRN81 [LED GreenLine 8100 lm]	
Yes	
1 unit	
EB [Electronic]	
Yes	
-	
*-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	BGP383 [Iridium gen3 Large]	
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	

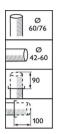
Datasheet, 2023, September 4 data subject to change

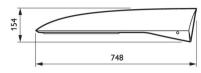
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Flammability mark	-	Housing Color	Grey
ENEC mark	ENEC mark	Mounting device	Spigot
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Flat
EU RoHS compliant	No	Optical cover finish	Textured
		Overall length	750 mm
Light Technical		Overall width	355 mm
Upward light output ratio	0	Overall height	157 mm
Luminous Flux	7,360 lm	Effective projected area	0.039 m²
Standard tilt angle posttop	0°	Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Standard tilt angle side entry	O°	Parts color	Cover painted
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	125 lm/W	Approval and Application	
Color rendering index (CRI)	80	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light source color	830 warm 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 I
Optic type outdoor	Distribution medium		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.43, 0.41) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	53 A	Init. Color Rendering Index Tolerance	+/-2
Inrush time	0.3 ms		
Power Consumption	59 W	Over Time Performance (IEC Compli	ant)
Power Factor (Fraction)	0.94	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	8	100000 h	
В			
		<b>Application Conditions</b>	
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	BGP383 LW10 GRN81/830 I DM CO GR SP
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP383 LW10 GRN81/830 I DM CO GR SP
Control interface	GPRS network	Full product code	871829190984200
Constant light output	No	Order code	910925438296
		Material Nr. (12NC)	910925438296
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8718291909842
Reflector material	-	Numerator - Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC - Case	8718291909842
Optical cover material	Polycarbonate		
Fixation material	Aluminum		

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#### Dimensional drawing









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