



# Iridium gen3 LED Large

### BGP383 LW10 GRN91/830 I DW CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 9100 lm, 830 warm white, Safety class I, Distribution wide, 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	GRN91 [LED GreenLine 9100 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	BGP383 [Iridium gen3 Large]	
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	

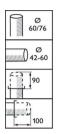
Datasheet, 2023, September 4 data subject to change

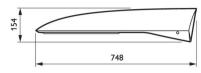
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Flammability mark  ENEC mark	ENEC mark	Housing Color	Grey		
-		Mounting device	Spigot		
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Flat		
EU RoHS compliant	No	Optical cover finish	Textured		
15-ba Tankasani		Overall length	750 mm		
Light Technical		Overall width	355 mm		
Upward light output ratio	0	Overall height	157 mm		
Luminous Flux	8,280 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 wide				
		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	66 W	Over Time Performance (IEC Compli	Over Time Performance (IEC Compliant)		
Power Factor (Fraction)	0.95	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					
		Application Conditions			
Temperature		Performance ambient temperature Tq	25 °C		
Ambient temperature range	-40 to +50 °C	Maximum dim level	0% (digital)		
Controls and Dimming		Product Data			
Dimmable	Yes	Order product name	BGP383 LW10 GRN91/830 I DW CO GR SP		
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP383 LW10 GRN91/830 I DW CO GR SP		
Control interface	GPRS network	Full product code	871829190994100		
Constant light output	No	Order code	910925438297		
		Material Nr. (12NC)	910925438297		
Mechanical and Housing		Numerator - Quantity Per Pack	1		
Housing Material	Aluminum	EAN/UPC - Product/Case	8718291909941		
Reflector material	-	Numerator - Packs per outer box	1		
Optic material	Polycarbonate	EAN/UPC - Case	8718291909941		
Optical cover material	Polycarbonate				
Fixation material	Aluminum	•			

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#### Dimensional drawing









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