



# Iridium gen3 LED Large

### **BGP383 LW10 GRN175/740 II DM CO GR SP**

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 17500 lm, 740 neutral white, Safety class II, 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**

General Information	
Lamp family code	GRN175 [LED GreenLine 17500 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	

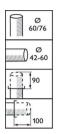
Datasheet, 2023, September 4 data subject to change

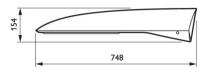
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Flammability mark	_	Mounting device	Spigot
ENEC mark	ENEC mark	Optical cover shape	Flat
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Textured
EU RoHS compliant	No	Overall length	750 mm
EO ROFIS COMPITAIN	INO	Overall width	355 mm
Light Tochnical		<del>.</del>	
Light Technical		Overall height	157 mm
Upward light output ratio	0	Effective projected area	0.039 m²
Luminous Flux	15,750 lm	Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Standard tilt angle posttop	0°	Parts color	Cover painted
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	149 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Color rendering index (CRI)	70		proof]
Light source color	740 neutral 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 II
Optic type outdoor	Distribution medium		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) 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	106 W	Over Time Performance (IEC Compliant)	
Power Factor (Fraction)	0.98	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 typ	e B 8	100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 °C	Performance ambient temperature Tq	25 °C
		Maximum dim level	0% (digital)
Controls and Dimming			
Dimmable	Yes	Product Data	
Driver/power unit/transformer	Power supply unit regulating external	Order product name	BGP383 LW10 GRN175/740 II DM CO GR SF
Control interface	GPRS network	Full product name	BGP383 LW10 GRN175/740 II DM CO GR SP
Constant light output	No	Full product code	871829191174600
		Order code	910925438351
Mechanical and Housing		Material Nr. (12NC)	910925438351
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718291911746
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718291911746
Fixation material	Aluminum		
Housing Color	Grey	-	

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#### Dimensional drawing









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