



# Iridium gen3 LED Large

### BGP383 LWFP GRN96/740 II DM AL 7035 SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 9600 lm, 740 neutral white, Safety class II, Distribution medium, 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	GRN96 [LED GreenLine 9600 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	

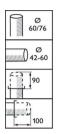
Datasheet, 2023, September 4 data subject to change

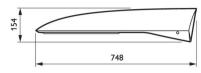
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Flammability mark		Mounting device	Spigot
ENEC mark	ENEC mark	Optical cover shape	Flat
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Textured
EU RoHS compliant	No	Overall length	750 mm
		Overall width	355 mm
Light Technical		Overall height	157 mm
Upward light output ratio	0	Effective projected area	0.039 m²
Luminous Flux	8,928 lm	Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Standard tilt angle posttop	0°	Parts color	
	0°	- Harts Color	All parts colored
Standard tilt angle side entry		Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Approval and Application	IDCC ID at a protection protected introvers
Luminous Efficacy (rated) (Nom)	159 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Color rendering index (CRI)	70	Mech. impact protection code	IK09 [10 J]
Light source color	740 neutral white	Surge Protection (Common/Differential)	4/4 kV
Optical cover type	Polycarbonate bowl/cover	Protection class IEC	Safety class II
Luminaire light beam spread	152°		
Optic type outdoor	Distribution medium	Initial Performance (IEC Compliant	
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.38, 0.38) SDCM <5
Input Voltage	220 to 240 V	Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
Inrush current	53 A		
Inrush time	0.3 ms	Over Time Performance (IEC Compliant)	
Power Consumption	56 W	Control gear failure rate at median useful 10 %	
Power Factor (Fraction)	0.94	life 100000 h	
Connection	Screw connection block 3-pole	Lumen maintenance at median useful life* L80	
Cable		100000 h	
Number of products on MCB of 16 A typ	<b>e</b> 8		
В		Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	0% (digital)
Ambient temperature range	-40 to +50 °C		
		Product Data	
Controls and Dimming		Order product name	BGP383 LWFP GRN96/740 II DM AL 7035
Dimmable	Yes		SP
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP383 LWFP GRN96/740 II DM AL 7035
Control interface	GPRS network		SP
Constant light output	No	Full product code	871869634263300
		Order code	910925439792
Mechanical and Housing		Material Nr. (12NC)	910925439792
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718696342633
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718696342633
Fixation material	Aluminum		
Housing Color	RAL (to be defined)	_	

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#### Dimensional drawing









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