# **PHILIPS** Lighting



# Iridium gen3 LED Large

# BGP383 LWFP GRN120/830 I DM CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 12000 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

General Information	
Lamp family code	GRN120 [LED GreenLine 12000 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

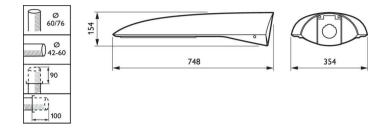
## Iridium gen3 LED Large

Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Liebt Tashnisal	
Light Technical	0
Upward light output ratio	0
Luminous Flux	10,800 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	90 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	8
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	GPRS network
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

Spigot Flat Textured 750 mm 355 mm 157 mm 0.039 m <sup>2</sup> 157 x 355 x 750 mm Cover painted IP66 [Dust penetration-protected, jet- proof]
Textured 750 mm 355 mm 157 mm 0.039 m² 157 x 355 x 750 mm Cover painted IP66 [Dust penetration-protected, jet-
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Cover painted IP66 [Dust penetration-protected, jet-
IP66 [Dust penetration-protected, jet-
proof]
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IK09 [10 J]
4/4 kV
Safety class I
+/-7%
(0.43, 0.41) SDCM <5
+/-10%
+/-2
nt)
10 %
L80
25 °C
0% (digital)
BGP383 LWFP GRN120/830 I DM CO GR SF
BGP383 LWFP GRN120/830 I DM CO GR SF
871829191142500
910925438319
910925438319
1
8718291911425
1
8718291911425

## Iridium gen3 LED Large

#### Dimensional drawing





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