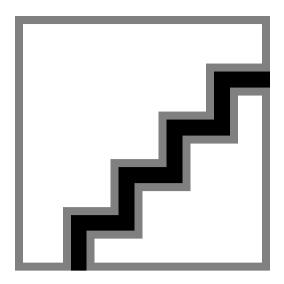
# **PHILIPS** Lighting



# Iridium gen3 LED Large

# BGP383 LW10 GRN140/830 II DM CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 14000 lm, 830 warm 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	GRN140 [LED GreenLine 14000 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

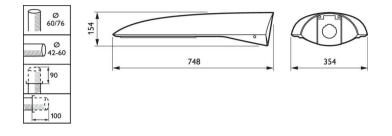
## Iridium gen3 LED Large

Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	12,460 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115 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	108 W
Power Factor (Fraction)	0.98
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
Mounting device	Spigot

Optical cover shape	Flat
Optical cover finish	Textured
Overall length	750 mm
Overall width	355 mm
Overall height	157 mm
Effective projected area	0.039 m²
Dimensions (Height x Width x Depth)	157 x 355 x 750 mm
Parts color	Cover painted
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	4/4 kV
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.41) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	nt)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
	L80
Lumen maintenance at median useful life*	L80
Lumen maintenance at median useful life*	L80
Lumen maintenance at median useful life* 100000 h	L80 25 °C
Lumen maintenance at median useful life* 100000 h Application Conditions	
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	25 °C
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Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 ℃ 0% (digital)
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP
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Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP BGP383 LW10 GRN140/830 II DM CO GR SP
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP BGP383 LW10 GRN140/830 II DM CO GR SP 8GP383 LW10 GRN140/830 II DM CO GR 87 871829191135700
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	25 °C 0% (digital) 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP BGP383 LW10 GRN140/830 II DM CO GR SP 871829191135700 910925438312
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C 0% (digital) 25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP BGP383 LW10 GRN140/830 II DM CO GR SP 871829191135700 910925438312 910925438312
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP BGP383 LW10 GRN140/830 II DM CO GR SP 871829191135700 910925438312 910925438312 1
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	25 °C 0% (digital) 25 °C 0% (digital) BGP383 LW10 GRN140/830 II DM CO GR SP 8GP383 LW10 GRN140/830 II DM CO GR SP 871829191135700 910925438312 910925438312 1 8718291911357

## Iridium gen3 LED Large

#### Dimensional drawing





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