# **PHILIPS** Lighting



# Iridium gen3 LED Large

## BGP383 GRN185/740 I DM AL GR D9 SP

Iridium gen3 Large, LED GreenLine 18500 lm, 740 neutral 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**

		maintenance between B50 and for example
GRN185 [LED GreenLine 18500 lm]		B10. Therefore, the median useful life (B50)
Yes		value also represents the B10 value. * At
1 unit		extreme ambient temperatures the luminaire
EB [Electronic]		might automatically dim down to protect
Yes		components
-	Light source engine type	LED
*-Per Lighting Europe guidance paper	Product family code	BGP383 [Iridium gen3 Large]
"Evaluating performance of LED based	Lighting Technology	LED
luminaires - January 2018": statistically there	Embedded control	-
is no relevant difference in lumen	CE mark	Yes
	Yes          Yes         1 unit         EB [Electronic]         Yes         -         *-Per Lighting Europe guidance paper         "Evaluating performance of LED based         luminaires - January 2018": statistically there	Yes         1 unit         EB [Electronic]         Yes         -         *-Per Lighting Europe guidance paper         "Evaluating performance of LED based         luminaires - January 2018": statistically there

### Iridium gen3 LED Large

Warranty period	5 years
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	16,650 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral 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 Freewoner	50 to 60 U

input voltage	220 10 240 1	
Line Frequency	50 to 60 Hz	
Inrush current	53 A	
Inrush time	0.3 ms	
Power Consumption	112 W	
Power Factor (Fraction)	0.98	
Connection	Screw connection block 5-pole	
Cable	-	
Number of such as MCD of 10. A turns	8	

-40 to +50 °C

Number of products on MCB of 16 A type 8

в

#### Temperature

Ambient temperature range

#### \_\_\_\_\_

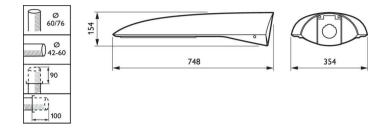
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	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	All parts colored
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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	ant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP383 GRN185/740 I DM AL GR D9 SP
Full product name	BGP383 GRN185/740 I DM AL GR D9 SP
Full product code	871869634732400
Order code	910925863321
Material Nr. (12NC)	910925863321
Numerator - Quantity Per Pack	1

# Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696347324 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696347324

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#### Dimensional drawing





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