# **PHILIPS** Lighting



# Iridium gen3 LED Large

# BGP383 LWFP GRN135/740 II DM CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 13500 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	GRN135 [LED GreenLine 13500 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	12,420 lm	
Standard tilt angle posttop	O°	
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	157 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 Frequency	50 to 60 Hz	
Inrush current	53 A	
Inrush time	0.3 ms	
Power Consumption	79 W	
Power Factor (Fraction)	0.96	
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	

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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP383 LWFP GRN135/740 II DM CO GR SP
Full product name	BGP383 LWFP GRN135/740 II DM CO GR SP
Full product code	871829191190600
Order code	910925438367

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	

Yes

Power supply unit regulating external

Full product code	871829191190600
Order code	910925438367
Material Nr. (12NC)	910925438367
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291911906
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291911906

Datasheet, 2023, September 4

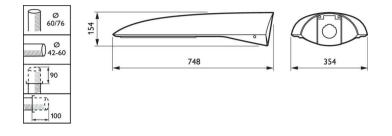
Controls and Dimming

Driver/power unit/transformer

Dimmable

## Iridium gen3 LED Large

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change