



Iridium gen3 LED Large

BGP383 LWFP GRN106/740 II DK CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 10600 lm, 740 neutral white, Safety class II, Distribution wet road (DK), 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	GRN106 [LED GreenLine 10600 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

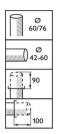
Iridium gen3 LED Large

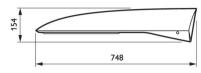
Flammability mark	-	Mounting device
ENEC mark	ENEC mark	Optical cover shape
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish
EU RoHS compliant	No	Overall length
		Overall width
Light Technical		Overall height
Upward light output ratio	0	Effective projected area
Luminous Flux	9,765 lm	Dimensions (Height x Width
Standard tilt angle posttop	O°	Parts color
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	4000 K	Approval and Application
Luminous Efficacy (rated) (Nom)	160 lm/W	Ingress protection code
Color rendering index (CRI)	70	_
Light source color	740 neutral white	Mech. impact protection cod
Optical cover type	Polycarbonate bowl/cover	Surge Protection (Common/
Luminaire light beam spread	152°	Protection class IEC
Optic type outdoor	Distribution wet road (DK)	
		Initial Performance (IEC
Operating and Electrical		Luminous flux tolerance
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumption toleran
Inrush current	53 A	Init. Color Rendering Index
Inrush time	0.3 ms	
Power Consumption	61 W	Over Time Performance
Power Factor (Fraction)	0.95	Control gear failure rate at r
Connection	Screw connection block 3-pole	life 100000 h
Cable	-	Lumen maintenance at med
Number of products on MCB of 16 A ty	ype B 8	100000 h
Temperature		Application Conditions
Ambient temperature range	-40 to +50 °C	Performance ambient tempo
		Maximum dim level
Controls and Dimming		
Dimmable	Yes	Product Data
Driver/power unit/transformer	Power supply unit regulating external	Order product name
Control interface	GPRS network	Full product name
Constant light output	No	Full product code
		Order code
Mechanical and Housing		Material Nr. (12NC)
Housing Material	Aluminum	Numerator - Quantity Per P
Reflector material	-	EAN/UPC - Product/Case
Optic material	Polycarbonate	Numerator - Packs per oute
Optical cover material	Polycarbonate	EAN/UPC - Case
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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
-	
Over Time Performance (IEC Complia	unt)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP383 LWFP GRN106/740 II DK CO GR SP
Full product name	BGP383 LWFP GRN106/740 II DK CO GR SP
Full product code	871829191187600
Order code	910925438364
Material Nr. (12NC)	910925438364
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291911876
<u> </u>	
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291911876

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.