



Iridium gen3 LED Large

BGP383 LW10 GRN130/830 I DM CO GR SP

Iridium gen3 Large, CityTouch with 10 years service contract, LED GreenLine 13000 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	GRN130 [LED GreenLine 13000 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

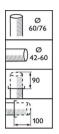
Iridium gen3 LED Large

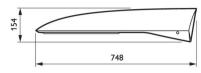
Flammability mark	-	Mounting
ENEC mark	ENEC mark	Optical cov
Glow-wire test	Temperature 650 °C, duration 5 s	Optical co
EU RoHS compliant	No	Overall ler
		Overall wi
Light Technical		Overall hei
Upward light output ratio	0	Effective p
Luminous Flux	11,700 lm	Dimension
Standard tilt angle posttop	O°	Parts colo
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	3000 K	Approval
Luminous Efficacy (rated) (Nom)	118 lm/W	Ingress pro
Color rendering index (CRI)	80	
Light source color	830 warm white	Mech. imp
Optical cover type	Polycarbonate bowl/cover	Surge Prot
Luminaire light beam spread	152°	Protection
Optic type outdoor	Distribution medium	
		Initial Pe
Operating and Electrical		Luminous
Input Voltage	220 to 240 V	Initial chro
Line Frequency	50 to 60 Hz	Power con
Inrush current	53 A	Init. Color
Inrush time	0.3 ms	
Power Consumption	99 W	Over Tim
Power Factor (Fraction)	0.97	Control ge
Connection	Screw connection block 3-pole	life 10000
Cable	-	Lumen ma
Number of products on MCB of 16 A type B	8	100000 h
Temperature		Applicati
Ambient temperature range	-40 to +50 °C	Performan
		Maximum
Controls and Dimming		-
Dimmable	Yes	Product I
Driver/power unit/transformer	Power supply unit regulating external	Order prod
Control interface	GPRS network	Full produc
Constant light output	No	Full produc
		Order code
Mechanical and Housing		Material N
Housing Material	Aluminum	Numerator
Reflector material	-	EAN/UPC
Optic material	Polycarbonate	Numerator
Optical cover material	Polycarbonate	EAN/UPC
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 I
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
Init. Color Rendering Index Tolerance	+/-2
Init. Color Rendering Index Tolerance Over Time Performance (IEC Compliance)	. ·
Over Time Performance (IEC Complia Control gear failure rate at median useful	. ·
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h	unt)
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	unt)
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h	nnt) 10 %
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	nnt) 10 %
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10 % L80
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	nnt) 10 % L80 25 ℃
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10 % L80
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	nnt) 10 % L80 25 ℃
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	10 % L80 25 °C 0% (digital)
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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 GRN130/830 I DM CO GR SP
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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	Int) 10 % L80 25 ℃ 0% (digital) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code	25 °C 0% (digital) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800 910925438302
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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)	Int) 10 % L80 25 °C 0% (digital) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800 910925438302 910925438302
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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	ant) 10 % L80 25 °C 0% (digital) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800 910925438302 910925438302 1
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800 910925438302 910925438302 1 8718291911258
Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h 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	ant) 10 % L80 25 °C 0% (digital) BGP383 LW10 GRN130/830 I DM CO GR SP BGP383 LW10 GRN130/830 I DM CO GR SP 871829191125800 910925438302 910925438302 1

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.