



Iridium gen3 LED Large

BGP383 LWFP GRN91/830 II DK CO GR SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 9100 lm, 830 warm 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	GRN91 [LED GreenLine 9100 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

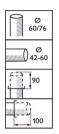
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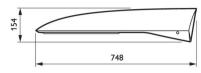
Flammability mark	-	Mounting device
ENEC mark	ENEC mark	Optical cover shape
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish
EU RoHS compliant	No	Overall length
		Overall width
Light Technical		Overall height
Upward light output ratio	0	Effective projected area
Luminous Flux	8,280 lm	Dimensions (Height x Width x Depth)
Standard tilt angle posttop	O°	Parts color
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	3000 K	Approval and Application
Luminous Efficacy (rated) (Nom)	125 lm/W	Ingress protection code
Color rendering index (CRI)	80	_
Light source color	830 warm white	Mech. impact protection code
Optical cover type	Polycarbonate bowl/cover	Surge Protection (Common/Different
Luminaire light beam spread	152°	Protection class IEC
Optic type outdoor	Distribution wet road (DK)	
		Initial Performance (IEC Compl
Operating and Electrical		Luminous flux tolerance
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumption tolerance
Inrush current	53 A	Init. Color Rendering Index Tolerance
Inrush time	0.3 ms	
Power Consumption	66 W	Over Time Performance (IEC Co
Power Factor (Fraction)	0.95	Control gear failure rate at median u
Connection	Screw connection block 3-pole	life 100000 h
Cable	-	Lumen maintenance at median usefu
Number of products on MCB of 16 A type	B 8	100000 h
Temperature		Application Conditions
Ambient temperature range	-40 to +50 °C	Performance ambient temperature T
		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 Pack
Reflector material	-	EAN/UPC - Product/Case
Optic material	Polycarbonate	Numerator - Packs per outer box
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	(0.43, 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 Complia	· · · · · · · · · · · · · · · · · · ·
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Over Time Performance (IEC Complia	int)
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Over Time Performance (IEC Complia Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	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	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 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	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	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 Order product name Full product name	25 °C 0% (digital) BGP383 LWFP GRN91/830 II DK CO GR SP BGP383 LWFP GRN91/830 II DK 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 LWFP GRN91/830 II DK CO GR SP BGP383 LWFP GRN91/830 II DK CO GR SP 871829191148700
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 Order code	25 °C 0% (digital) BGP383 LWFP GRN91/830 II DK CO GR SP BGP383 LWFP GRN91/830 II DK CO GR SP 871829191148700 910925438325
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Dimensional drawing









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