Iridium gen3 LED Large

BGP383 LWFP GRN96/740 II DM AL 7035 SP

Iridium gen3 Large, CityTouch with future proof service, LED GreenLine 9600 lm, 740 neutral white, Safety class II, Distribution medium, 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	GRN96 [LED GreenLine 9600 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

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Flammability mark	–		**Mounting device**	Spigot
ENEC mark	ENEC mark		**Optical cover shape**	Flat
Glow-wire test	Temperature 650 °C, duration 5 s		**Optical cover finish**	Textured
EU RoHS compliant	No		**Overall length**	750 mm
			Overall width	355 mm
Light Technical			**Overall height**	157 mm
Upward light output ratio	0		**Effective projected area**	0.039 m²
Luminous Flux	8,928 lm		**Dimensions (Height x Width x Depth)**	157 x 355 x 750 mm
Standard tilt angle posttop	0°		**Parts color**	All parts colored
Standard tilt angle side entry	0°			
Correlated Color Temperature (Nom)	4000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	159 lm/W		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	70		**Mech. impact protection code**	IK09 [10 J]
Light source color	740 neutral white		**Surge Protection (Common/Differential)**	4/4 kV
Optical cover type	Polycarbonate bowl/cover		**Protection class IEC**	Safety class II
Luminaire light beam spread	152°			
Optic type outdoor	Distribution medium		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-7%
Operating and Electrical			**Initial chromaticity**	(0.38, 0.38) SDCM <5
Input Voltage	220 to 240 V		**Power consumption tolerance**	+/-10%
Line Frequency	50 to 60 Hz		**Init. Color Rendering Index Tolerance**	+/-2
Inrush current	53 A			
Inrush time	0.3 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	56 W		**Control gear failure rate at median useful life 100000 h**	10 %
Power Factor (Fraction)	0.94		**Lumen maintenance at median useful life* 100000 h**	L80
Connection	Screw connection block 3-pole			
Cable	–			
Number of products on MCB of 16 A type B	8		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	0% (digital)
Ambient temperature range	–40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BGP383 LWFP GRN96/740 II DM AL 7035 SP
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit regulating external		**Full product name**	BGP383 LWFP GRN96/740 II DM AL 7035 SP
Control interface	GPRS network			
Constant light output	No		**Full product code**	871869634263300
			Order code	910925439792
Mechanical and Housing			**Material Nr. (12NC)**	910925439792
Housing Material	Aluminum		**Numerator – Quantity Per Pack**	1
Reflector material	–		**EAN/UPC – Product/Case**	8718696342633
Optic material	Polycarbonate		**Numerator – Packs per outer box**	1
Optical cover material	Polycarbonate		**EAN/UPC – Case**	8718696342633
Fixation material	Aluminum			
Housing Color	RAL (to be defined)			

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Dimensional drawing