



Iridium gen3 LED Medium

BGP382 LWFP GRN100/830 II DM AL 7035 SP

Iridium gen3 Medium, CityTouch with future proof service, LED GreenLine 10000 lm, 830 warm white, Safety class II, Distribution medium, Light gray (RAL7035), 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	GRN100 [LED GreenLine 10000 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. * At	
	extreme ambient temperatures the luminaire	
	might automatically dim down to protect	
	components	
Light source engine type	LED	
Product family code	BGP382 [Iridium gen3 Medium]	
Lighting Technology	LED	

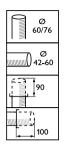
Datasheet, 2023, April 29 data subject to change

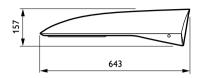
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Embedded control		Fixation material	Aluminum
CE mark	Yes	Housing Color	RAL (to be defined)
Warranty period	5 years	Mounting device	Spigot
Flammability mark	-	Optical cover shape	Flat
ENEC mark	ENEC mark	Optical cover finish	Textured
Glow-wire test	Temperature 650 °C, duration 5 s	Overall length	650 mm
EU RoHS compliant	No	Overall width	330 mm
		Overall height	157 mm
Light Technical		Effective projected area	0.031 m²
Upward light output ratio	0	Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Luminous Flux	8,763 lm	Parts color	All parts colored
Standard tilt angle posttop	O°		
Standard tilt angle side entry	O°	Approval and Application	
Correlated Color Temperature (Nom)	3000 K	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Efficacy (rated) (Nom)	103 lm/W	Mech. impact protection code	IK09 [10 J]
Color rendering index (CRI)	80	Surge Protection (Common/Differential)	4/4 kV
Number of light sources	1	Protection class IEC	Safety class II
Light source color	830 warm white		
Optical cover type	Polycarbonate bowl/cover	Initial Performance (IEC Compliant)
Luminaire light beam spread	152°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium	Initial chromaticity	(0.43, 0.41) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compliant)	
Inrush current	45 A	Control gear failure rate at median usefu	l 10 %
Inrush time	0.285 ms	life 100000 h	
Power Consumption	85 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.99	life* 100000 h	
Connection	Screw connection block 3-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	2 10	Performance ambient temperature Tq	25 °C
В		Maximum dim level	0% (digital)
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BGP382 LWFP GRN100/830 II DM AL 7035 SP
Controls and Dimming		Full product name	BGP382 LWFP GRN100/830 II DM AL 7035
Dimmable	Yes		SP
Driver/power unit/transformer	Power supply unit regulating external	Full product code	871869632365600
Control interface	GPRS network	Order code	32365600
Constant light output	No	Material Nr. (12NC)	910925439312
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718696323656
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	-	EAN/UPC - Case	8718696323656
Optic material	Polycarbonate		
Optical cover material	Polycarbonate		

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Dimensional drawing









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