



Iridium gen3 LED Medium

BGP382 LWFP GRN80/830 I DM CO GR SP

Iridium gen3 Medium, CityTouch with future proof service, LED GreenLine 8000 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	GRN80 [LED GreenLine 8000 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	BGP382 [Iridium gen3 Medium]	
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	

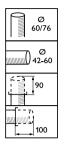
Datasheet, 2023, September 4 data subject to change

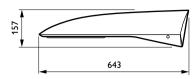
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Warranty period	5 years	Housing Color	Grey
Flammability mark	-	Mounting device	Spigot
ENEC mark	ENEC mark	Optical cover shape	Flat
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Textured
EU RoHS compliant	No	Overall length	650 mm
		Overall width	330 mm
Light Technical		Overall height	157 mm
Upward light output ratio	0	Effective projected area	0.031 m ²
Luminous Flux	7,151 lm	Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Standard tilt angle posttop	0°	Parts color	Cover painted
Standard tilt angle side entry	O°		
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	107 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Color rendering index (CRI)	80		proof]
Number of light sources	1	Mech. impact protection code	IK09 [10 J]
Light source color	830 warm white	Surge Protection (Common/Differential)	4/4 kV
Optical cover type	Polycarbonate bowl/cover	Protection class IEC	Safety class I
Luminaire light beam spread	152°		
Optic type outdoor	Distribution medium	Initial Performance (IEC Compliant)	
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.43, 0.41) 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	45 A		
Inrush time	0.285 ms	Over Time Performance (IEC Complia	ant)
Power Consumption	66.8 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.98	life 100000 h	
Connection	Screw connection block 3-pole	Lumen maintenance at median useful life*	L80
Cable	-	100000 h	
Number of products on MCB of 16 A type B	10		
		Application Conditions	
Temperature		Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +50 °C	Maximum dim level	0% (digital)
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	BGP382 LWFP GRN80/830 I DM CO GR SP
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP382 LWFP GRN80/830 I DM CO GR SP
Control interface	GPRS network	Full product code	871829191211800
Constant light output	No	Order code	910925438388
		Material Nr. (12NC)	910925438388
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8718291912118
Reflector material	-	Numerator - Packs per outer box	1
Optic material	<u> </u>	EAN/UPC - Case	8718291912118
Optic material	Polycarbonate	EAN/OPC - Case	0710231312110
Optical cover material	Polycarbonate Polycarbonate	EAN/OPC - Case	
		EANY OPC - Case	0.000.000

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Dimensional drawing









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