

Iridium gen3 LED Medium

BGP382 LW10 GRN55/740 I DM CO GR SP

Iridium gen3 Medium, CityTouch with 10 years service contract, LED GreenLine 5500 lm, 740 neutral 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

GRN55 [LED GreenLine 5500 lm]	
Yes	
1 unit	
EB [Electronic]	
Yes	
-	
*-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
Warranty period	5 years

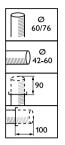
Datasheet, 2023, September 4 data subject to change

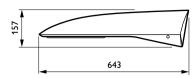
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Flammability mark		Housing Color	Grey
ENEC mark	ENEC mark	Mounting device	Spigot
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Flat
EU RoHS compliant	No	Optical cover finish	Textured
		Overall length	650 mm
Light Technical		Overall width	330 mm
Upward light output ratio	0	Overall height	157 mm
Luminous Flux	5,027 lm	Effective projected area	0.031 m²
Standard tilt angle posttop	O°	Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Standard tilt angle side entry	O°	Parts color	Cover painted
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	138 lm/W	Approval and Application	
Color rendering index (CRI)	70	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Number of light sources	1	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 I
Luminaire light beam spread	152°		
Optic type outdoor	Distribution medium	Initial Performance (IEC Compliant)	
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.38, 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	45 A		
Inrush time	0.285 ms	Over Time Performance (IEC Complia	ant)
Power Consumption	36.5 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.95	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	3 10		
		Application Conditions	
Temperature		Performance ambient temperature Tq	25 ℃
Ambient temperature range	-40 to +50 °C	Maximum dim level	0% (digital)
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	BGP382 LW10 GRN55/740 I DM CO GR SP
Driver/power unit/transformer	Power supply unit regulating external	Full product name	BGP382 LW10 GRN55/740 I DM CO GR SP
Control interface	GPRS network	Full product code	871829191220000
Constant light output	No	Order code	910925438397
		Material Nr. (12NC)	910925438397
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8718291912200
Reflector material	-	Numerator - Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC - Case	8718291912200
Optical cover material	Polycarbonate		
Fixation material	Aluminum		

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Dimensional drawing









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