



Iridium gen3 LED Medium

BGP382 LWFP GRN105/740 II DM AL 7035 SP

Iridium gen3 Medium, CityTouch with future proof service, LED GreenLine 10500 lm, 740 neutral 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	GRN105 [LED GreenLine 10500 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
Warranty period	5 years

Datasheet, 2023, September 4 data subject to change

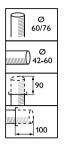
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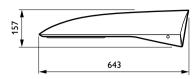
Flammability mark	-	Моц
ENEC mark	ENEC mark	Opt
Glow-wire test	Temperature 650 °C, duration 5 s	Opt
EU RoHS compliant	No	Ove
		Ove
Light Technical		Ove
Upward light output ratio	0	Effe
_uminous Flux	9,259 lm	Dim
Standard tilt angle posttop	O°	Par
Standard tilt angle side entry	O°	
Correlated Color Temperature (Nom)	4000 K	Ap
uminous Efficacy (rated) (Nom)	132 lm/W	Ingi
Color rendering index (CRI)	70	Med
Number of light sources	1	Sur
ight source color	740 neutral white	Pro
Optical cover type	Polycarbonate bowl/cover	_
uminaire light beam spread	152°	Init
Optic type outdoor	Distribution medium	Lun
		Init
Operating and Electrical		Pov
Input Voltage	220 to 240 V	Init
Line Frequency	50 to 60 Hz	
Inrush current	45 A	Ov
Inrush time	0.285 ms	Cor
Power Consumption	70 W	— life
Power Factor (Fraction)	0.96	Lun
Connection	Screw connection block 3-pole	100
Cable	-	
Number of products on MCB of 16 A type	10	Ap
В		Per
		Max
Temperature		
Ambient temperature range	-40 to +50 °C	Pro
		Ord
Controls and Dimming		_
Dimmable	Yes	Full
Driver/power unit/transformer	Power supply unit regulating external	
Control interface	GPRS network	Full
Constant light output	No	Ord
		Ma
		Nur
Mechanical and Housing		EAN
	Aluminum	
Housing Material	- Aluminum	Nur
Mechanical and Housing Housing Material Reflector material Optic material		
Housing Material Reflector material Optic material	- Polycarbonate	Nur EAN
Housing Material Reflector material	-	

Mounting device	Spigot	
Optical cover shape	Flat	
Optical cover finish	Textured	
Overall length	650 mm	
Overall width	330 mm	
Overall height	157 mm	
Effective projected area	0.031 m ²	
Dimensions (Height x Width x Depth)	157 x 330 x 650 mm	
Parts color	All parts colored	
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	(0.38, 0.38) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful life*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	0% (digital)	
Product Data		
Order product name	BGP382 LWFP GRN105/740 II DM AL 7035	
	SP	
Full product name	BGP382 LWFP GRN105/740 II DM AL 7035	
	SP	
Full product code	871869632366300	
Order code	910925439313	
Material Nr. (12NC)	910925439313	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696323663	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696323663	

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Dimensional drawing









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