



# Iridium gen3 LED Medium

### BGP382 GRN105/740 I DM AL GR D9 SP

Iridium gen3 Medium, LED GreenLine 10500 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**

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. * 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	
Embedded control	-	
CE mark	Yes	

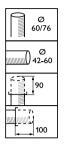
Datasheet, 2023, September 4 data subject to change

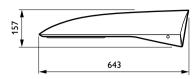
## Iridium gen3 LED Medium

Warranty period	5 years	Optical cover material	Polycarbonate
Flammability mark	-	Fixation material	Aluminum
ENEC mark	ENEC mark	Housing Color	Grey
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Spigot
EU RoHS compliant	No	Optical cover shape	Flat
		Optical cover finish	Textured
Light Technical	<u> </u>	Overall length	650 mm
Upward light output ratio	0	Overall width	330 mm
Luminous Flux	9,660 lm	Overall height	157 mm
Standard tilt angle posttop	O°	Effective projected area	0.031 m²
Standard tilt angle side entry	O°	Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Correlated Color Temperature (Nom)	4000 K	Parts color	All parts colored
Luminous Efficacy (rated) (Nom)	149 lm/W		
Color rendering index (CRI)	70	Approval and Application	
Number of light sources	1	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white	Mech. impact protection code	IK09 [10 J]
Optical cover type	Polycarbonate bowl/cover	Surge Protection (Common/Differential)	4/4 kV
Luminaire light beam spread	152°	Protection class IEC	Safety class I
Optic type outdoor	Distribution medium		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Initial CLO power consumption	[delete] W	Init. Color Rendering Index Tolerance	+/-2
Average CLO power consumption	[delete] W		
End CLO power consumption	[delete] W	Over Time Performance (IEC Compliant)	
Inrush current	45 A	Control gear failure rate at median useful 10 %	
Inrush time	0.285 ms	life 100000 h	
Power Consumption	65 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.98	life* 100000 h	
Connection	Screw connection block 5-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	10	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	0% (digital)
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BGP382 GRN105/740 I DM AL GR D9 SP
		Full product name	BGP382 GRN105/740 I DM AL GR D9 SP
Controls and Dimming		Full product code	871869634721800
Dimmable	Yes	Order code	910925863310
Driver/power unit/transformer	Power supply unit with DALI interface	Material Nr. (12NC)	910925863310
Control interface	DALI	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696347218
		Numerator - Packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8718696347218
Housing Material	Aluminum		
	7 COTTINICATIO		
Reflector material	-		
	- Polycarbonate		

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#### Dimensional drawing









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