



# Iridium gen3 LED Medium

### BGP382 LW10 GRN105/740 II DM AL 7035 SP

Iridium gen3 Medium, CityTouch with 10 years service contract, 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**

GRN105 [LED GreenLine 10500 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. * 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	

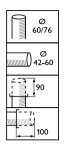
Datasheet, 2023, April 29 data subject to change

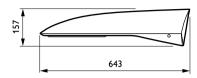
## Iridium gen3 LED Medium

Embedded control	-	Optical cover material	Polycarbonate
CE mark	Yes	Fixation material	Aluminum
Warranty period	5 years	Housing Color	RAL (to be defined)
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 m²
Luminous Flux	9,259 lm	Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Standard tilt angle posttop	O°	Parts color	All parts colored
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	132 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	70	Mech. impact protection code	IK09 [10 J]
Number of light sources	1	Surge Protection (Common/Differential)	4/4 kV
Light source color	740 neutral white	Protection class IEC	Safety class II
Optical cover type	Polycarbonate bowl/cover		
Luminaire light beam spread	152°	Initial Performance (IEC Compliant	)
Optic type outdoor	Distribution medium	Luminous flux tolerance	+/-7%
		Initial chromaticity	(0.38, 0.38) SDCM <5
Operating and Electrical		Power consumption tolerance	+/-10%
Input Voltage	220 to 240 V	Init. Color Rendering Index Tolerance	+/-2
Line Frequency	50 to 60 Hz		
Inrush current	45 A	Over Time Performance (IEC Comp	liant)
Inrush time	0.285 ms	Control gear failure rate at median usefu	l 10 %
Power Consumption	70 W	life 100000 h	
Power Factor (Fraction)	0.96	Lumen maintenance at median useful	L80
Connection	Screw connection block 3-pole	life* 100000 h	
Cable	-		
Number of products on MCB of 16 A typ	<b>e</b> 10	Application Conditions	
В		Performance ambient temperature Tq	25 °C
		Maximum dim level	0% (digital)
Temperature		-	
Ambient temperature range	-40 to +50 °C	Product Data	
		Order product name	BGP382 LW10 GRN105/740 II DM AL 7035 SP
Controls and Dimming		Full product name	BGP382 LW10 GRN105/740 II DM AL 7035 SP
Dimmable	Yes	Full product code	871869632359500
Driver/power unit/transformer	Power supply unit regulating external	Order code	32359500
Control interface	GPRS network	Material Nr. (12NC)	910925439306
Constant light output	No	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696323595
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718696323595
Reflector material	-		
Optic material	Polycarbonate	-	
		-	

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#### Dimensional drawing









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