# **PHILIPS** Lighting



# Iridium gen3 LED Medium

# BGP382 GRN115/740 II DM CO GR SP

Iridium gen3 Medium, LED GreenLine 11500 lm, 740 neutral white, Safety class II, 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	GRN115 [LED GreenLine 11500 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Gear	EB [Electronic]	
Driver included	Yes	
Photocell	-	Light source engine type
Remarks	*-Per Lighting Europe guidance paper	Product family code
	"Evaluating performance of LED based	Lighting Technology
	luminaires - January 2018": statistically there	Embedded control
	is no relevant difference in lumen	CE mark

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
LED
BGP382 [Iridium gen3 Medium]
LED
-
Yes

### Iridium gen3 LED Medium

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	10,465 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	145 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	152°
Optic type outdoor	Distribution medium

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Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	[delete] W
Average CLO power consumption	[delete] W
End CLO power consumption	[delete] W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	72 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	10

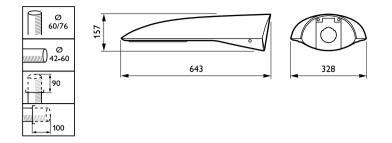
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Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate

Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
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 m²
Dimensions (Height x Width x Depth)	157 x 330 x 650 mm
Parts color	Cover painted
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proc
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 Comp	liant)
Control gear failure rate at median usefu life 100000 h	1 10 %
Lumen maintenance at median useful life* 100000 h	L80
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Application Conditions	
Performance ambient temperature Tq	25 ℃
Performance ambient temperature Tq Maximum dim level	25 °C Not applicable
Maximum dim level	
Maximum dim level Product Data	Not applicable
Maximum dim level Product Data Order product name	Not applicable BGP382 GRN115/740 II DM CO GR SP
Maximum dim level Product Data Order product name Full product name	Not applicable BGP382 GRN115/740 II DM CO GR SP BGP382 GRN115/740 II DM CO GR SP
Maximum dim level Product Data Order product name Full product name Full product code	Not applicable BGP382 GRN115/740 II DM CO GR SP BGP382 GRN115/740 II DM CO GR SP 871869632908500
Maximum dim level Product Data Order product name Full product name Full product code Order code	Not applicable BGP382 GRN115/740 II DM CO GR SP BGP382 GRN115/740 II DM CO GR SP 871869632908500 910925439677
Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Not applicable BGP382 GRN115/740 II DM CO GR SP BGP382 GRN115/740 II DM CO GR SP 871869632908500 910925439677 910925439677
Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Not applicable BGP382 GRN115/740 II DM CO GR SP BGP382 GRN115/740 II DM CO GR SP 871869632908500 910925439677 910925439677 1

## Iridium gen3 LED Medium

#### Dimensional drawing





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