PHILIPS Lighting



Iridium gen3 LED Medium

BGP382 LWFP GRN115/740 II DM CO GR SP

Iridium gen3 Medium, CityTouch with future proof service, 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	-
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

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Embedded control	-
CE mark	Yes
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	9,951 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 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

Operating	and	Electrical
Operating	anu	Electrical

220 to 240 V
50 to 60 Hz
45 A
0.285 ms
77 W
0.96
Screw connection block 3-pole
-
10

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	GPRS network
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate

-40 to +50 °C

Optic material

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-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

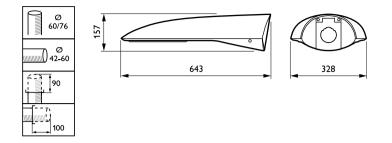
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)

Product Data

Order product name	BGP382 LWFP GRN115/740 II DM CO GR SP
Full product name	BGP382 LWFP GRN115/740 II DM CO GR SP
Full product code	871829191247700
Order code	91247700
Material Nr. (12NC)	910925438425
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291912477
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291912477

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Dimensional drawing





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