



Iridium gen3 LED Medium

BGP352 GRN29-3S/740 II DC AL GR T15

Iridium² LED Medium, LED GreenLine 2900 lm, 740 neutral white, Safety class II, Distribution comfort, Grey

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	GRN29 [LED GreenLine 2900 lm]	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes	Light source engine type
Number of gear units	1 unit	LED
Driver included	Yes	Service tag
Photocell	-	Yes
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	Product family code
		BGP352 [Iridium ² LED Medium]
		Lighting Technology
		LED
		Embedded control
		-
		CE mark
		Yes
		Warranty period
		5 years
		Flammability mark
		-
		ENEC mark
		-

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EU RoHS compliant	No
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Light Technical

Upward light output ratio	0
Luminous Flux	3,082 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color rendering index (CRI)	70
Number of light sources	16
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Distribution comfort

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-25 to +25 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Stainless steel
Housing Color	Grey

Mounting device	Universal for diameter 48 to 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	751 mm
Overall width	358 mm
Overall height	183 mm
Effective projected area	0.08 m ²
Dimensions (Height x Width x Depth)	183 x 358 x 751 mm
Parts color	All parts colored

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	15 °C
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Product Data

Order product name	BGP352 GRN29-3S/740 II DC AL GR T15
Full product name	BGP352 GRN29-3S/740 II DC AL GR T15
Full product code	871829142471000
Order code	910925439550
Material Nr. (12NC)	910925439550
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291424710
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291424710

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