



Iridium gen3 LED Medium

BGP382 LWFP GRN50/830 II DM AL 7035 SP

Iridium gen3 Medium, CityTouch with future proof service, LED GreenLine 5000 lm, 830 warm 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

General Information	
Lamp family code	GRN50 [LED GreenLine 5000 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.
Light source engine type	LED
Product family code	BGP382 [Iridium gen3 Medium]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years

Datasheet, 2023, September 4 data subject to change

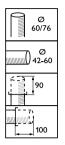
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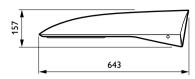
Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
ight Technical	
pward light output ratio	0
uminous Flux	4,642 lm
tandard tilt angle posttop	O°
tandard tilt angle side entry	O°
Correlated Color Temperature (Nom)	3000 K
uminous Efficacy (rated) (Nom)	116 lm/W
olor rendering index (CRI)	80
lumber of light sources	1
ight source color	830 warm white
optical cover type	Polycarbonate bowl/cover
uminaire light beam spread	152°
ptic type outdoor	Distribution medium
perating and Electrical	
put Voltage	220 to 240 V
ne Frequency	50 to 60 Hz
rush current	45 A
rush time	0.285 ms
ower Consumption	40 W
ower Factor (Fraction)	0.95
onnection	Screw connection block 3-pole
able	-
lumber of products on MCB of 16 A type	10
emperature	
Ambient temperature range	-40 to +50 °C
ontrols and Dimming	
rimmable	Yes
river/power unit/transformer	Power supply unit regulating external
ontrol interface	GPRS network
onstant light output	No
Mechanical and Housing	
lousing Material	Aluminum
eflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
ixation material	Aluminum
lousing Color	RAL (to be defined)

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	All parts colored
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	(0.43, 0.41) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
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 GRN50/830 II DM AL 7035
	SP
Full product name	BGP382 LWFP GRN50/830 II DM AL 7035
	SP
Full product code	3F
	871869632369400
Order code	
Order code Material Nr. (12NC)	871869632369400
	871869632369400 910925439316
Material Nr. (12NC)	871869632369400 910925439316 910925439316
Material Nr. (12NC) Numerator - Quantity Per Pack	871869632369400 910925439316 910925439316 1
Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	871869632369400 910925439316 910925439316 1 8718696323694

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Dimensional drawing









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