



CityCharm Cone

BDS491 GRN70-/830 II DM GRB GR H07RN-PX1

CityCharm Cone, LED GreenLine 7000 lm, Distribution medium, Spigot for diameter 60 mm

CityCharm Cone is designed for use in urban areas where comfortable lighting, ambiance and design play an important role. Its unobtrusive appearance makes it a timeless, future-proof luminaire that is ideal for residential areas, parks, footpaths and cycle lanes, where visual comfort and maximum efficiency are key. CityCharm offers a choice of two iconic designs (Cone and Cordoba) and various accessories, enabling you to create a lighting solution that carries your signature, both by day and by night. CityCharm luminaires are also available as a complete set, with a choice of dedicated poles and brackets.

Product data

General Information			
Lamp family code	GRN70 [LED GreenLine 7000 lm]	CE mark	Yes
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	-
Gear	EB [Electronic]	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	EU RoHS compliant	Yes
Light source engine type	LED	Light Technical	
Service tag	Yes	Upward light output ratio	0.03
Product family code	BDS491 [CityCharm Cone]	Luminous Flux	5,243 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Value ladder	Performance	Standard tilt angle side entry	0°
Embedded control	-	Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	102 lm/W
		Color rendering index (CRI)	≥80

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Number of light sources	40
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	15 ms
Power Consumption	51 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-40 to +50 °C
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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 for diameter 60 mm
Optical cover shape	Hemispherical
Optical cover finish	Clear
Overall height	529 mm
Overall diameter	556 mm

Effective projected area	0.1155 m ²
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Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.430, 0.400) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
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Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	BDS491 GRN70-/830 II DM GRB GR HO7RN-PX1
Full product name	BDS491 GRN70-/830 II DM GRB GR HO7RN-PX1
Full product code	871869692169200
Order code	92169200
Material Nr. (12NC)	910505017185
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921692
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921692

Dimensional drawing



