



# 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			
Number of light sources	40 [ 40 pcs]	Light regulation	-
Lamp family code	GRN70 [ LED GreenLine 7000 lm]	Electrical circuit protection	-
Light source color	830 warm white	Connection	Flying leads/wires
Light source replaceable	Yes	Cable	Cable 0.2 m without plug
Number of gear units	1 unit	Protection class IEC	Safety class II (II)
Gear	EB [ Electronic]	Coating	-
Driver/power unit/transformer	PSR [ Power supply unit regulating]	Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]
Driver included	Yes	Flammability mark	NO [ -]
Decorative spill-light	Gray bowl	CE mark	CE mark
Optical element	No [ -]	ENEC mark	ENEC mark
Optical cover/lens type	PC [ Polycarbonate bowl/cover]	Warranty period	5 years
Luminaire light beam spread	360°	Optic type outdoor	Distribution medium
Embedded control	No [ -]	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Control interface	-		

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Constant light output	No
Spare parts available	Yes
Number of products on MCB of 16 A type B	11
Photobiological risk	Risk group 1
Product recyclability	56%
EU RoHS compliant	Yes
WEEE mark	WEEE mark
Light source engine type	LED
Service tag	Yes
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BDS491 [ CityCharm Cone]

## Light Technical

Upward light output ratio	0.03
Initial luminous flux at 15 °C	7000 lm
Initial luminous flux at 25 °C	7000 lm
Initial luminous flux at 35 °C	7000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

## Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	15 ms
Driver current	445 mA
Power Factor (Min)	0.8
Power Factor (Nom)	0.9

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum

Mounting device	60 [ Spigot for diameter 60 mm]
Optical cover/lens shape	Hemispherical
Optical cover/lens finish	Clear
Torque	25
Overall height	529 mm
Overall diameter	556 mm
Effective projected area	0.1155 m <sup>2</sup>
Color	Gray
Dimensions (Height x Width x Depth)	529 x NaN x NaN mm (20.8 x NaN x NaN in)

## 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

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5243 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	102 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.430, 0.400) SDCM <3
Initial input power	51 W
Power consumption tolerance	+/-10%

## Application Conditions

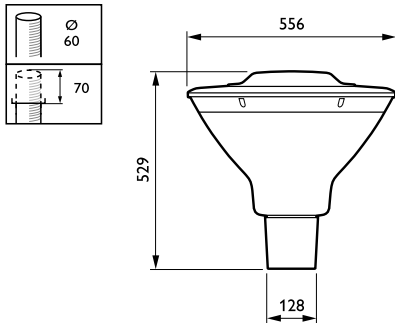
Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable

## Product Data

Full product code	871869692169200
Order product name	BDS491 GRN70-/830 II DM GRB GR H07RN-PX1
EAN/UPC - Product	8718696921692
Order code	92169200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505017185
Net Weight (Piece)	12.000 kg

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## Dimensional drawing



CityCharm BDS490/491

