# **PHILIPS** Lighting



# **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]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Service tag	Yes
Product family code	BDS491 [CityCharm Cone]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-

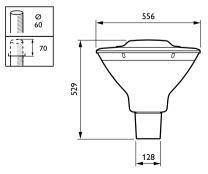
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,243 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	≥80

# CityCharm Cone

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 t	ype B 11
Temperature	
Ambient temperature range	-40 to +50 °C
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 m²	
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)	1	
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 %	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BDS491 GRN70-/830 II DM GRB GR	
	H07RN-PX1	
Full product name	BDS491 GRN70-/830 II DM GRB GR	
	H07RN-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



## CityCharm Cone



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