



CityCharm Cone

BDS491 GRN70-/830 I S GRB GR 60

CityCharm Cone, LED GreenLine 7000 lm, Symmetrical, 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		Light Technical	
Lamp family code	GRN70 [LED GreenLine 7000 lm]	Warranty period	5 years
Light source replaceable	Yes	Flammability mark	-
Number of gear units	1 unit	ENEC mark	ENEC mark
Gear	EB [Electronic]	Glow-wire test	Temperature 650 °C, duration 30 s
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components		
Light source engine type	LED	Upward light output ratio	0.03
Product family code	BDS491 [CityCharm Cone]	Luminous Flux	5,375 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
CE mark	Yes	Luminous Efficacy (rated) (Nom)	105 lm/W
		Color rendering index (CRI)	≥80
		Number of light sources	40

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Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Symmetrical

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

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 I
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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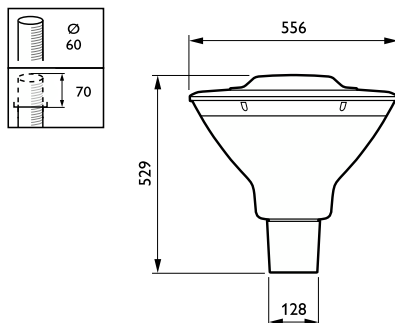
Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	BDS491 GRN70-/830 I S GRB GR 60
Full product name	BDS491 GRN70-/830 I S GRB GR 60
Full product code	871869692155500
Order code	92155500
Material Nr. (12NC)	910505017171
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921555
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921555

Dimensional drawing



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