



# CityCharm Cone

BDS491 GRN100-/740 I DW ORB GR D9 H07RN-

CityCharm Cone, LED GreenLine 10000 lm, Distribution wide

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		ENEC mark	
Lamp family code	GRN100 [LED GreenLine 10000 lm]	Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	Yes	EU RoHS compliant	Yes
Number of gear units	1 unit	Light Technical	
Gear	EB [Electronic]	Upward light output ratio	0.03
Driver included	Yes	Luminous Flux	8,493 lm
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Standard tilt angle posttop	0°
Light source engine type	LED	Standard tilt angle side entry	0°
Product family code	BDS491 [CityCharm Cone]	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	121 lm/W
Value ladder	Performance	Color rendering index (CRI)	≥70
Embedded control	-	Number of light sources	40
CE mark	Yes	Light source color	740 neutral white
Warranty period	5 years	Optical cover type	Polycarbonate bowl/cover
Flammability mark	-	Luminaire light beam spread	360°

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Optic type outdoor	Distribution wide
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	80 A
Inrush time	15 ms
Power Consumption	70 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	
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
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

<b>Approval and Application</b>	
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
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.05 %
<b>Application Conditions</b>	
Maximum dim level	10%
<b>Product Data</b>	
Order product name	BDS491 GRN100-/740 I DW ORB GR D9 H07RN-
Full product name	BDS491 GRN100-/740 I DW ORB GR D9 H07RN-
Full product code	871869692128900
Order code	92128900
Material Nr. (12NC)	910505017144
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921289
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921289

## Dimensional drawing



