

CityCharm Cordoba

BDS490 GRN30-/830 II DM GRB GR C4K 60

CityCharm Cordoba - LED GreenLine 3000 lm - Distribution medium - Spigot for diameter 60 mm

CityCharm Cordoba 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 (Cordoba and Cone) 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	20 [20 pcs]
Lamp family code	GRN30 [LED GreenLine 3000 lm]
Light source colour	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Decorative spill light	Gray bowl
Optical element	No [-]
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	360°
Embedded control	No [-]
Control interface	-

Light regulation	-
Electrical circuit protection	-
Connection	Flying leads/wires
Cable	Cable 4.0 m without plug
Protection class IEC	Safety class II (II)
Coating	-
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Distribution medium
Photocell	No [-]
Constant light output	No
Spare parts available	Yes

CityCharm Cordoba

Number of products on MCB	32
Photobiological risk	Risk group 1
Product recyclability	56%
RoHS mark	RoHS mark
WEEE mark	WEEE mark
LED engine type	LED
Product Family Code	BDS490 [CityCharm Cordoba]

Light Technical

Upward light output ratio	0.03
Initial luminous flux at 15°C	3000 lm
Initial luminous flux at 25°C	3000 lm
Initial luminous flux at 35°C	3000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	15 ms
Driver current	375 mA
Power factor (min.)	0.8
Power factor (nom.)	0.9

Controls and Dimming

Dimmable	No

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	0.1124 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]

Initial Performance (IEC Compliant)

Initial luminous flux	2567 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	112 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.430, 0.400) SDCM <3
Initial input power	23 W
Power consumption tolerance	+/-10%

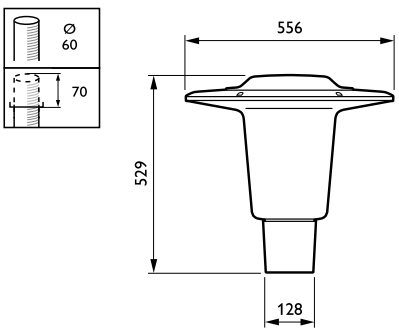
Application Conditions

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

Product Data

Full product code	871869692118000
Order product name	BDS490 GRN30-/830 II DM GRB GR C4K 60
EAN/UPC – product	8718696921180
Order code	92118000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910505017134
Net weight (piece)	12.000 kg

Dimensional drawing



CityCharm BDS490/491

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2019, February 13 - data subject to change