



# CityCharm Cordoba

BDS490 GRN30-/740 I DM GRB DF-S GR CLO S

CityCharm Cordoba, LED GreenLine 3000 lm, Distribution medium, Constant light output

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	
Lamp family code	GRN30 [LED GreenLine 3000 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
Product family code	BDS490 [CityCharm Cordoba]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
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	2,577 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥70
Number of light sources	20

Light source color	740 neutral 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
Initial CLO power consumption	16.8 W
Average CLO power consumption	18.9 W
End CLO power consumption	21 W
Inrush current	27 A
Inrush time	15 ms
Power Consumption	21 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 32	

## 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 with constant light output
Control interface	-
Constant light output	Yes

## 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	0.1124 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 10 kV differential mode and 10 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	(0.380, 0.370) 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	BDS490 GRN30-/740 I DM GRB DF-S GR CLO S
Full product name	BDS490 GRN30-/740 I DM GRB DF-S GR CLO S
Full product code	871869692143200
Order code	92143200
Material Nr. (12NC)	910505017159
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921432
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921432

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### Dimensional drawing

