



# CityCharm Cordoba

## BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1

CityCharm Cordoba, 15, LED module, system flux 2000 lm, LED, 730 warm white, Power supply unit regulating with constant light output, 220 to 240 V, 50 to 60 Hz, Safety class II, Symmetrical, Polycarbonate bowl/cover, Gray, Constant light output, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 6.0 m without plug, 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		Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Lamp family code	CG20 [LED module, system flux 2000 lm]	Light source engine type	LED
Light source replaceable	Yes	Product family code	BDS490 [CityCharm Cordoba]
Number of gear units	1 unit	Lighting Technology	LED
Gear	EB [Electronic]	Value ladder	Performance
Driver included	Yes	Embedded control	Constant light output
Photocell	-	CE mark	Yes

# CityCharm Cordoba

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

## Light Technical

Upward light output ratio	0.03
Luminous Flux	1,696 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	94 lm/W
Color rendering index (CRI)	≥70
Number of light sources	15
Light source color	730 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
Initial CLO power consumption	14.4 W
Average CLO power consumption	16.2 W
End CLO power consumption	18 W
Inrush current	27 A
Inrush time	15 ms
Power Consumption	18 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	26

## 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	Gray
Mounting device	Spigot for diameter 60 mm
Optical cover shape	Flat
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 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
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 %
Lumen maintenance at median useful life*	L100 100000 h

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

## Product Data

Order product name	BDS490 CG20-/730 II S GR CLO C6K FQq-PX1
Full product name	BDS490 CG20-/730 II S GR CLO C6K FQq-PX1
Full product code	871869693922200
Order code	93922200
Material Nr. (12NC)	910505017427
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696939222
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696939222

### Dimensional drawing

