



# CityCharm Cordoba

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

CityCharm Cordoba, Urban road & street light, 18 W, 1696 lm, 3000 K, CRI70, Symmetrical, Safety class II, IP66

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		Warranty period	
Lamp family code	CG20 [LED module, system flux 2000 lm]	Warranty period	5 years
Light source replaceable	Yes	Sustainability rating	Unclassified
Number of gear units	1 unit	Light Technical	
Gear	EB [Electronic]	Upward light output ratio	0.03
Driver included	Yes	Luminous Flux	1,696 lm
Light source engine type	LED	Correlated Color Temperature (Nom)	3000 K
Service tag	Yes	Luminous Efficacy (rated) (Nom)	94 lm/W
Lighting Technology	LED	Color rendering index (CRI)	70
Value ladder	Performance	Number of light sources	15
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts	Light source color	730 warm white
		Luminaire light beam spread	360°
		Optic type outdoor	Symmetrical
		Effective projected area	0.1124 m <sup>2</sup>

Sustainability Data	
Product non-virgin material ratio	41.7 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)

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
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	-
Constant light output	Yes
DALI Standard	DALI-2™
Maximum dim level	Not applicable
Embedded control	Constant light output
Photocell	-

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
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	12.000 kg

Approval and Application	
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +50 °C

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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.05 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L100

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
Product family code	BDS490 [CityCharm Cordoba]

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## Dimensional drawing

