



CityCharm Cordoba

BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1

BDS490 | CityCharm Cordoba - 15 - CG25 | LED module, system flux 2500 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 - 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		Light source engine type	
Lamp family code	CG25 [LED module, system flux 2500 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
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
		Upward light output ratio	0.03
		Luminous Flux	2,117 lumen

Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Color rendering index (CRI)	≥70
Number of light sources	15
Light source color	730 warm white
Optical cover/lens 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
Input Frequency	50 to 60 Hz
Initial CLO power consumption	17.6 W
Average CLO power consumption	19.8 W
Power Consumption	22 W
End CLO power consumption	22 W
Inrush current	27 A
Inrush time	15 ms
Power Factor (Fraction)	0.848
Connection	Flying leads/wires
Cable	Cable 6.0 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/lens material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Spigot for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	529 mm
Overall diameter	556 mm

Effective projected area	0.1124 m ²
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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	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes

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* 100000 h	L100

Application Conditions

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

Product Data

Full product code	871869693923900
Order product name	BDS490 CG25-/730 II S GR CLO C6K FQ-PX1
Order code	93923900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910505017428
Full product name	BDS490 CG25-/730 II S GR CLO C6K FQ-PX1
EAN/UPC - Case	8718696939239



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Dimensional drawing

