



CityCharm Cordoba

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

CityCharm Cordoba - 15 pcs - ClearGuide 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 (II) - Symmetrical - Polycarbonate bowl/cover - Gray - Constant light output - Luminaire surge protection level up to 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	
Number of light sources	15 [15 pcs]
Lamp family code	CG25 [ClearGuide 2500 lm]
Light source colour	730 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver/power unit/transformer	PSR-CLO [Power supply unit regulating with constant light output]

Driver included	Yes
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	360°
Embedded control	CLO [Constant light output]
Control interface	-
Connection	Flying leads/wires
Cable	Cable 6.0 m without plug
Protection class IEC	Safety class II (II)
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]

Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Warranty period	5 years
Optic type outdoor	Symmetrical
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	Yes
Spare parts available	Yes
Number of products on MCB (16 A type B)	32
Lifecycle services	Maintenance services
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Product recyclability	95%
EU RoHS compliant	Yes
WEEE mark	-
Light source engine type	LED
Accessory PFC	-
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BDS490 [CityCharm Cordoba]

Light Technical

Upward light output ratio	0.03
Scotopic/photopic lumen ratio	1.24
Initial luminous flux at 15 °C	2501 lm
Initial luminous flux at 25 °C	2501 lm
Initial luminous flux at 35 °C	2501 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
Control signal voltage	-
Initial CLO power consumption	17.6 W
Average CLO power consumption	19.8 W
End CLO power consumption	22 W
Inrush current	27 A
Inrush time	15 ms
Driver current	447 mA
Power factor (max.)	0.9
Power factor (min.)	0.8
Power factor (nom.)	0.848

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Mounting device	60 [Spigot for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Torque	25
Overall height	529 mm
Overall diameter	556 mm
Effective projected area	0.1124 m ²
Colour	Gray
Dimensions (height x width x depth)	529 x NaN x NaN mm (20.8 x NaN x NaN in)

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 up to 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2117 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	96 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	≥70
Initial chromaticity	(0.430, 0.400) SDCM <3
Initial input power	22 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

Lumen maintenance at median useful life*	L100
100,000 h	

Application Conditions

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

Product Data

Full product code	871869693923900
Order product name	BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1
EAN/UPC – product	8718696939239
Order code	93923900

CityCharm Cordoba

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505017428
SAP net weight (piece)	12.000 kg



Dimensional drawing



CityCharm BDS490/491/492

