CityCharm Cordoba

BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1

CityCharm Cordoba, 15, LED module, system flux 3000 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, Grey, 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		Light source engine type	LED
Lamp family code	CG30 [LED module, system flux 3000 lm]	Product family code	BDS490 [CityCharm Cordoba]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Performance
Gear	EB [Electronic]	Embedded control	Constant light output
Driver included	Yes	CE mark	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Warranty period	5 years
		Flammability mark	–
		ENEC mark	ENEC mark

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Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Upwards light output ratio	0.03
Luminous Flux	2,543 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	113 lm/W
Colour rendering index (CRI)	≥70
Number of light sources	15
Light source colour	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	18 W
Average CLO power consumption	20.2 W
End CLO power consumption	22.5 W
Inrush current	27 A
Inrush time	15 ms
Power Consumption	22.5 W
Power Factor (Fraction)	0.96
Connection	Flying leads/cables
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

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	Aluminium
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey

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 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 up to 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 5,000 hours	0.05 %
Lumen maintenance at median useful life* 100,000 h	L100

Application Conditions

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

Product Data

Order product name	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1
Full product name	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1
Full EOC	871869693924600
Order code	93924600
Material no. (12 NC)	910505017429
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696939246
Numerator – packs per outer box	1
EAN/UPC – Case	8718696939246

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Dimensional drawing