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

The Philips CityCharm range is designed for use in urban areas where comfortable lighting, ambience, and design play an important role. It offers three iconic, timeless designs: CityCharm cordoba (BDS490), CityCharm cone (BDS491), and CityCharm fluid (BDS492) along with a range of decorative and practical accessories. This enables you to create a lighting solution that carries the signature of your municipality, both by day and by night. Whether you specify cordoba, cone or fluid LED lights, CityCharm provides high visual comfort while maintaining excellent performance. It offers a choice of two innovative Philips Lighting technologies: GentleBeam, which maximizes visual comfort, or ClearGuide (cordoba or cone), which optimizes vertical illumination and visual guidance. To personalize your CityCharm lighting solution further, decorative accessories for this range make it possible to define the volume of the bowl and change its appearance.To personalize your CityCharm lighting solution further, decorative accessories for this range make it possible to define the volume of the bowl and change its appearance. A variety of dedicated brackets and masts are also available to enable you to reshape your residential areas and city centers in the most elegant way imaginable.

Product data

CityCharm Cordoba

General Information

Lamp family code	CG20 [LED module, system flux 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Photocell	–
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BDS490 [CityCharm Cordoba]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
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

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* 100000 h	L100

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

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

Dimensional drawing

www.lighting.philips.com

2024, January 18 – data subject to change