



# **CityCharm Cordoba**

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

CityCharm Cordoba, 15, 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, 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	
Lamp family code	CG25 [LED module, system flux 2500 lm]
Light source replaceable	Yes
Number of gear units	Unit
Gear	EB [Electronic]
Driver included	Yes
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

Datasheet, 2023, December 5 data subject to change

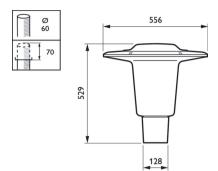
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Claw wire test	Tomporature 650 °C duration 5 c
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Tashuisal	
Light Technical	0.00
Upwards light output ratio	0.03
Luminous Flux	2,117 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	96 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	17.6 W
Average CLO power consumption	19.8 W
End CLO power consumption	22 W
Inrush current	27 A
Inrush time	15 ms
Power Consumption	22 W
Power Factor (Fraction)	0.848
Connection	Flying leads/cables
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	32
Tananavatuus	
Temperature	
Ambient temperature range	-40 to +50 °C
	-40 to +50 °C
	-40 to +50 °C
Ambient temperature range	-40 to +50 °C
Ambient temperature range  Controls and Dimming	
Ambient temperature range  Controls and Dimming  Dimmable	No
Ambient temperature range  Controls and Dimming  Dimmable	No Power supply unit regulating with constant
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	No Power supply unit regulating with constant
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer	No Power supply unit regulating with constant light output
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output	No Power supply unit regulating with constant light output
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing	No  Power supply unit regulating with constant light output  - Yes
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing material	No Power supply unit regulating with constant light output
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing material  Reflector material	No Power supply unit regulating with constant light output - Yes Aluminium -
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing material  Reflector material  Optic material	No Power supply unit regulating with constant light output - Yes Aluminium - Polycarbonate
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing material  Reflector material  Optic material  Optical cover/lens material	No Power supply unit regulating with constant light output - Yes Aluminium - Polycarbonate Polycarbonate
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing material  Reflector material  Optic material	No Power supply unit regulating with constant light output - Yes Aluminium - Polycarbonate

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 Complia	ant)
Driver failure rate at 5,000 hours	0.05 %
Lumen maintenance at median useful life*	L100
100,000 h	
100,000 h	
Application Conditions	
	25℃
Application Conditions	25 °C Not applicable
Application Conditions  Performance ambient temperature Tq	
Application Conditions  Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Maximum dim level	
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	Not applicable
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Application Conditions Performance ambient temperature Tq Maximum dim level  Product Data Order product name	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1
Application Conditions Performance ambient temperature Tq Maximum dim level  Product Data Order product name	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ-
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ- PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ- PX1  871869693923900
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full EOC  Order code	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ- PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ- PX1  871869693923900  93923900
Application Conditions Performance ambient temperature Tq Maximum dim level  Product Data Order product name  Full product name  Full EOC Order code Material no. (12 NC)	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  871869693923900  93923900  910505017428
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full EOC  Order code  Material no. (12 NC)  SAP numerator – quantity per pack	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  871869693923900  93923900  910505017428  1
Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full EOC  Order code  Material no. (12 NC)  SAP numerator – quantity per pack  EAN/UPC — Product/Case	Not applicable  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  BDS490 CG25-/730 II S GR CLO C6K FQQ-PX1  871869693923900  910505017428  1  8718696939239

## **CityCharm Cordoba**

### Dimensional drawing





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