



# CityCharm Cordoba – combining ambiance and optimum performance

## CityCharm Cordoba

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.

### Benefits

- Elegant iconic range focused on comfortable lighting
- Future-proof due to excellent lighting performance and high quality of product and finishing
- Suitable for both renovation projects and new installations thanks to dedicated brackets and

### Features

- Choice of luminaire shapes, color effects, and dedicated poles and brackets
- Diffusing tools to create visual comfort and colored parts to enhance ambiance
- A broad lumen range and optics to ensure maximum efficiency at all lighting levels
- Optimized total cost of ownership
- Compatible with all standard and advanced Philips lighting systems and CityTouch Ready
- Easy on-site maintenance of the driver

Application

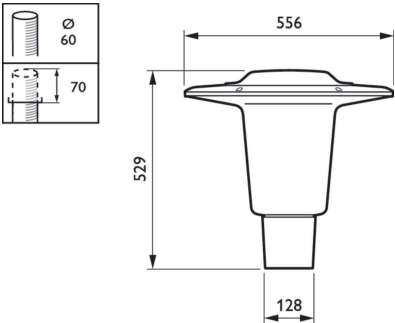
- Residential areas
- Footpaths and cycle lanes
- Parks and boulevards

Versions



CityCharm Cordoba-BDS490 DGR

Dimensional drawing



Product details



CityCharm\_Cordoba-  
BDS490\_DGR-DP01.tif



CityCharm\_Cordoba\_Cone-  
BDS490\_BDS491\_DGR-DP02.tif

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	360°
Controls and Dimming	
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK10
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Approval and Application	
CE mark	Yes
Flammability mark	-
Product Data	
Product family code	BDS490

General Information

Order Code	Full Product Name	Gear	Lamp family code
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	EB	CG20
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	EB	CG30
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	-	LED20
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	-	LED50
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	-	LED100
20194100	BDS490 LED80-/830 I S GRB GR 60	-	LED80
20196500	BDS490 LED50-/830 II DM GRB GR 60	-	LED50
20197200	BDS490 LED70-/830 II DM GRB GR 60	-	LED70
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	-	LED50

Light Technical (1/2)

		Light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
Order Code	Full Product Name	color			
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	730 warm white	3000 K	70	1,696 lm
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	730 warm white	3000 K	70	2,543 lm
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	740 neutral white	4000 K	70	1,579.5 lm
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	740 neutral white	4000 K	70	3,822 lm
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	740 neutral white	4000 K	70	7,546 lm

		Light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
Order Code	Full Product Name	color			
20194100	BDS490 LED80-/830 I S GRB GR 60	830 warm white	3000 K	80	6,400 lm
20196500	BDS490 LED50-/830 II DM GRB GR 60	830 warm white	3000 K	80	3,900 lm
20197200	BDS490 LED70-/830 II DM GRB GR 60	830 warm white	3000 K	80	5,400 lm
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	727 warm white	2700 K	70	3,900 lm

Light Technical (2/2)

Order Code	Full Product Name	Number of light sources	Optic type outdoor	Upward light output ratio
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	15	Symmetrical	0.03
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	15	Symmetrical	0.03
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	-	Distribution medium	0.034
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	-	Distribution medium	0.0293
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	-	Distribution medium	0.032

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	18 W	Surge protection level until 6 kV differential mode and 8 kV common mode
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	22.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	12.8 W	Surge protection level until 10 kV differential mode and 10 kV common mode
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	30.5 W	Surge protection level until 10 kV differential mode and 10 kV common mode
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	58 W	Surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	No
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	No
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	No
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	No
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	No

Approval and Application

Order Code	Full Product Name	Glow-wire test
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	Temperature 650 °C, duration 5 s
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	Temperature 650 °C, duration 5 s
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	-
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	-

Order Code	Full Product Name	Number of light sources	Optic type outdoor	Upward light output ratio
20194100	BDS490 LED80-/830 I S GRB GR 60	-	Symmetrical	0.0142
20196500	BDS490 LED50-/830 II DM GRB GR 60	-	Distribution medium	0.0293
20197200	BDS490 LED70-/830 II DM GRB GR 60	-	Distribution medium	0.0278
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	-	Distribution medium	0.0282

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
20194100	BDS490 LED80-/830 I S GRB GR 60	61 W	Surge protection level until 6 kV differential mode and 8 kV common mode
20196500	BDS490 LED50-/830 II DM GRB GR 60	40.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
20197200	BDS490 LED70-/830 II DM GRB GR 60	53 W	Surge protection level until 6 kV differential mode and 8 kV common mode
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	37.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Dimmable
20194100	BDS490 LED80-/830 I S GRB GR 60	No
20196500	BDS490 LED50-/830 II DM GRB GR 60	No
20197200	BDS490 LED70-/830 II DM GRB GR 60	No
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	Yes

Order Code	Full Product Name	Glow-wire test
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	-
20194100	BDS490 LED80-/830 I S GRB GR 60	-
20196500	BDS490 LED50-/830 II DM GRB GR 60	-
20197200	BDS490 LED70-/830 II DM GRB GR 60	-
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	-

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	0.05 %
93924600	BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1	0.05 %
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	-
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	-
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	-

Order Code	Full Product Name	Driver failure rate at 5000 h
20194100	BDS490 LED80-/830 I S GRB GR 60	-
20196500	BDS490 LED50-/830 II DM GRB GR 60	-
20197200	BDS490 LED70-/830 II DM GRB GR 60	-
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	-

