



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

CityCharm Cordoba

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

CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Product family code	BDS490

Light Technical

Luminaire light beam spread	360°
Optical cover type	Polycarbonate bowl/cover
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°

Mechanical and Housing

Housing Color	Gray
---------------	------

Approval and Application

Mech. impact protection code	IK10
Ingress protection code	IP66

Application Conditions

Maximum dim level	Not applicable
-------------------	----------------

General Information

Order Code	Full Product Name	Gear	Glow-wire test	Lamp family code	Service tag
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	EB	Temperature 650 °C, duration 5 s	CG20	-
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	-	-	LED20	Yes
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	-	-	LED50	Yes
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	-	-	LED100	Yes
20194100	BDS490 LED80-/830 I S GRB GR 60	-	-	LED80	Yes
20196500	BDS490 LED50-/830 II DM GRB GR 60	-	-	LED50	Yes
20197200	BDS490 LED70-/830 II DM GRB GR 60	-	-	LED70	Yes
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	-	-	LED50	Yes

Light Technical (1/2)

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	730 warm white	3000 K	≥70	1,696 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

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
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
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

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	18 W
20188000	BDS490 LED20-/740 I DM GRB DF-S GR CLO S	12.8 W
20189700	BDS490 LED50-/740 I DM GRB DF-S GR CLO S	30.5 W
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	58 W

Order Code	Full Product Name	Power Consumption
20194100	BDS490 LED80-/830 I S GRB GR 60	61 W
20196500	BDS490 LED50-/830 II DM GRB GR 60	40.5 W
20197200	BDS490 LED70-/830 II DM GRB GR 60	53 W
20328000	BDS490 LED50/727 PSD-SR II DM GR SRT 60	37.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
93922200	BDS490 CG20-/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

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

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
93922200	BDS490 CG20-/730 II S GR CLO C6K FQQ-PX1	Luminaire 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	Luminaire 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	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
20191000	BDS490 LED100-/740 I DM GRB DF-S GR CLO	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

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

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 %
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	-

