



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

Specifications

Type	BDS490
Light source	Built-in LED-module
Power	Standard version: 10-82 W (3000 K), 9-75 W (4000 K) ClearGuide version: 18-33 W (3000 K), 16-32 W (4000 K)
Luminous flux	Standard version: 1100-7400 lm (3000 K), 1100-7450 lm (4000 K) ClearGuide version: 1700-3200 lm (3000 K): 1650-2800 lm (4000 K)
Luminaire efficacy	Standard version: Up to 120 lm/W (3000 K), Up to 130 lm/W (4000 K) ClearGuide version: Up to 95 lm/W (3000 K), Up to 108 lm/W (4000 K)
Correlated Color Temperature	Standard version: 3000 K, warm white (WW), 4000 K, neutral white (NW) ClearGuide version: 3000 K, warm white (WW), 4000 K, neutral white (NW)
Color Rendering Index	Standard version: ≥ 80 (3000 K), ≥ 70 (4000 K) ClearGuide version: ≥ 70 (3000 K), ≥ 70 (4000 K)
Maintenance of lumen output - L80B10	100,000 hours
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	Standard version: 28 A / 150 μ s (27 W Xitanium driver), 27 A / 150 μ s (40 W Xitanium driver), 80 A / 150 μ s (100 W Xitanium driver) ClearGuide version: 27 A / 150 μ s (40 W Xitanium driver)

Dimming	DynaDimmer LumiStep CLO
Controls system input	DALI
Options	Photocell: Minicell, 35, 55, 70 lux
Optic	Standard version: Distribution medium (DM), wide (DW), vertical (DV), symmetrical (S), asymmetrical (A) ClearGuide version: Distribution symmetrical (S), a-symmetrical (A)
Optical element	For standard version a louver is available
Optical cover	For standard version two diffusing plates are available: Standard diffusing plate and GentleBeam diffusing plate
Material	Housing: high-pressure die-cast aluminum, non corrosive Bowl: polycarbonate, reinforced against UV
Color	Housing: Philips ultra-dark grey (close to RAL 7022, fine textured color) Other RAL and AKZO Futura colors available on request
Maintenance	Easy access to the driver from the top, 3 screws
Installation	Post-top mounting: \varnothing 60-76 mm, two screws Recommended mounting height: 4-6 m Max SCx: 0.1124 m
Accessories	JDP490 (CityCharm post-top bracket) JPP490 (CityCharm bracket) YHM490 (CityCharm pole)

Versions



CityCharm Cordoba BDS490
urban-lighting luminaire, with dark grey inner part and without the standard diffusing plate.

CityCharm Cordoba

Product details



Back louvre accessory (separated/
exploded view).



Back louvre accessory (fixed
together).



CityCharm Cordoba BDS490 fits
on any standard pole.



CityCharm Cordoba BDS490
comes with various colored inner
parts, creating different day-night
appearances, here in blue.

Application Conditions

Maximum dim level Not applicable

Approval and Application

Mech. impact protection code IK10
 Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable No

General Information

Luminaire light beam spread 360°
 CE mark CE mark
 Coating -
 Optical cover/lens type PC
 Driver included Yes
 Flammability mark NO
 Gear EB
 Glow-wire test 650/30
 Light source replaceable Yes
 Number of gear units 1 unit
 Optical element No
 Product Family Code BDS490

Light Technical

Standard tilt angle side entry 0°
 Standard tilt angle posttop 0°
 Upward light output ratio 0.03

Mechanical and Housing

Color Gray

Operating and Electrical

Order Code	Full Product Name	Driver current
92118000	BDS490 GRN30-/830 II DM GRB GR C4K 60	375 mA
92153100	BDS490 GRN80-/830 I S GRB GR 60	520 mA
92163000	BDS490 GRN50-/830 II DM GRB GR 60	670 mA
92164700	BDS490 GRN70-/830 II DM GRB GR 60	445 mA
92165400	BDS490 GRN30-/740 II DM GRB GR 60	340 mA
92166100	BDS490 GRN50-/740 II DM GRB GR 60	610 mA
92167800	BDS490 GRN70-/740 II DM GRB GR 60	405 mA

General Information (1/2)

Order Code	Full Product Name	Light source color	Lamp family code	Number of light sources	Optic type
92118000	BDS490 GRN30-/830 II DM GRB GR C4K 60	830 warm white	GRN30	20	Distribution medium
92153100	BDS490 GRN80-/830 I S GRB GR 60	830 warm white	GRN80	40	Symmetrical
92163000	BDS490 GRN50-/830 II DM GRB GR 60	830 warm white	GRN50	20	Distribution medium
92164700	BDS490 GRN70-/830 II DM GRB GR 60	830 warm white	GRN70	40	Distribution medium

Order Code	Full Product Name	Light source color	Lamp family code	Number of light sources	Optic type
92165400	BDS490 GRN30-/740 II DM GRB GR 60	740 neutral white	GRN30	20	Distribution medium
92166100	BDS490 GRN50-/740 II DM GRB GR 60	740 neutral white	GRN50	20	Distribution medium
92167800	BDS490 GRN70-/740 II DM GRB GR 60	740 neutral white	GRN70	40	Distribution medium

General Information (2/2)

Order Code	Full Product Name	Service tag
92118000	BDS490 GRN30-/830 II DM GRB GR C4K 60	-
92153100	BDS490 GRN80-/830 I S GRB GR 60	Yes
92163000	BDS490 GRN50-/830 II DM GRB GR 60	-
92164700	BDS490 GRN70-/830 II DM GRB GR 60	-

Order Code	Full Product Name	Service tag
92165400	BDS490 GRN30-/740 II DM GRB GR 60	-
92166100	BDS490 GRN50-/740 II DM GRB GR 60	-
92167800	BDS490 GRN70-/740 II DM GRB GR 60	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	
			Rendering Index	Initial luminous flux
92118000	BDS490 GRN30-/830 II DM GRB GR C4K 60	3000 K	≥80	2280 lm
92153100	BDS490 GRN80-/830 I S GRB GR 60	3000 K	≥80	6112 lm
92163000	BDS490 GRN50-/830 II DM GRB GR 60	3000 K	≥80	3737 lm
92164700	BDS490 GRN70-/830 II DM GRB GR 60	3000 K	≥80	5158 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	
			Rendering Index	Initial luminous flux
92165400	BDS490 GRN30-/740 II DM GRB GR 60	4000 K	≥70	2285 lm
92166100	BDS490 GRN50-/740 II DM GRB GR 60	4000 K	≥70	3749 lm
92167800	BDS490 GRN70-/740 II DM GRB GR 60	4000 K	≥70	5180 lm

