



CityCharm Cone - combining ambiance and optimum performance

CityCharm Cone

CityCharm Cone 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 (Cone and Cordoba) 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 Cone

Application

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

Specifications

Type	BDS491
Light source	Built-in LED-module
Power	10-82 W (3000 K) 9-75 W (4000 K)
Luminous flux	1100-7400 lm (3000 K) 1100-7450 lm (4000 K)
Luminaire efficacy	120 lm/W (3000 K) 130 lm/W (4000 K)
Correlated Color	3000 K, warm white (WW)
Temperature	4000 K, neutral white (NW)
Color Rendering Index	≥ 80 (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	28 A / 150 µs (27 W Xitanium driver) 27 A / 150 µs (40 W Xitanium driver) 80 A / 150 µs (100 W Xitanium driver)

Dimming	DynaDimmer LumiStep CLO
Controls system input	DALI
Options	Photocell: Minicell, 35, 55, 70 lux
Optic	Distribution medium (DM), wide (DW), vertical (DV), symmetrical (S), asymmetrical (A)
Optical element	Louver (option)
Optical cover	Diffusing plates (two different plates available)
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: Ø 60-76 mm, two screws Recommended mounting height: 4-6 m Max SCx: 0.1155 m
Accessories	JDP490 (CityCharm post-top bracket) JPP490 (CityCharm bracket) YHM490 (CityCharm pole)

Versions



BDS491

CityCharm Cone

Product details



CityCharm_Cordoba_Cone-
BDS490_BDS491_DGR-DP02.tif



CityCharm_Cone-BDS491_DGR-
DP03.tif

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Driver failure rate at 5000 h	0.05 %
Application Conditions	
Maximum dim level	Not applicable
Approval and Application	
Mech. impact protection code	IK10
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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
Optical cover/lens type	PC
Driver included	Yes
Flammability mark	NO
Gear	EB
Glow-wire test	650/5
Lamp family code	CG25
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	15
Product Family Code	BDS491
UL mark	-
Initial Performance (IEC Compliant)	
Init. Colour Rendering Index	≥70
Light Technical	
Scotopic/photopic lumen ratio	1.24
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03
Mechanical and Housing	
Colour	Gray

Operating and Electrical

Order Code	Full Product Name	Driver current
93921500	BDS491 CG25-/740 II S GR D11 76	380 mA
93926000	BDS491 CG25-/740 II A GR H07RN-PX1.5 60	380 mA
93927700	BDS491 CG25-/730 II S GR 60	447 mA

General Information

Order Code	Full Product Name	Light source		
		Coating	colour	Optic type
93921500	BDS491 CG25-/740 II S GR D11 76	-	740 neutral white	Symmetrical
93926000	BDS491 CG25-/740 II A GR H07RN-PX1.5 60	-	740 neutral white	Asymmetrical

Order Code	Full Product Name	Light source		
		Coating	colour	Optic type
93927700	BDS491 CG25-/730 II S GR 60	-	730 warm white	Symmetrical

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
93921500	BDS491 CG25-/740 II S GR D11 76	4000 K	2140 lm
93926000	BDS491 CG25-/740 II A GR H07RN-PX1.5 60	4000 K	2140 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
93927700	BDS491 CG25-/730 II S GR 60	3000 K	2117 lm

