



## CityCharm: combining visual comfort and performance

The CityCharm range is designed for use in urban areas where comfortable lighting, ambience, and design play an important role. It offers three iconic, timeless designs: CityCharm cordoba (BDS490), CityCharm cone (BDS491), and CityCharm fluid (BDS492) along with a range of decorative and practical accessories. This enables you to create a lighting solution that carries the signature of your municipality, both by day and by night. Whether you specify cordoba, cone or fluid LED lights, CityCharm provides high visual comfort while maintaining excellent performance. It offers a choice of two innovative Lighting technologies: GentleBeam, which maximizes visual comfort, or ClearGuide (cordoba or cone), which optimizes vertical illumination and visual guidance. To personalize your CityCharm lighting solution further, decorative accessories for this range make it possible to define the volume of the bowl and change its appearance. A variety of dedicated brackets and masts are also available to

enable you to reshape your residential areas and city centers in the most elegant way imaginable.

## Benefits

- Elegant, iconic range enhanced by dedicated poles and brackets to create distinctive styles
- Comfortable lighting with GentleBeam or ClearGuide technologies
- Multiple geometries for visual comfort in all urban spaces
- Excellent lighting performance, high-quality finishing
- Future-ready with Zhaga-D4i system ready (SR) top socket to connect with Interact controls
- Service tag for easy installation and maintenance

## Applications

- Residential
- Footpaths and cycle lanes
- Parks and boulevards

## Versions

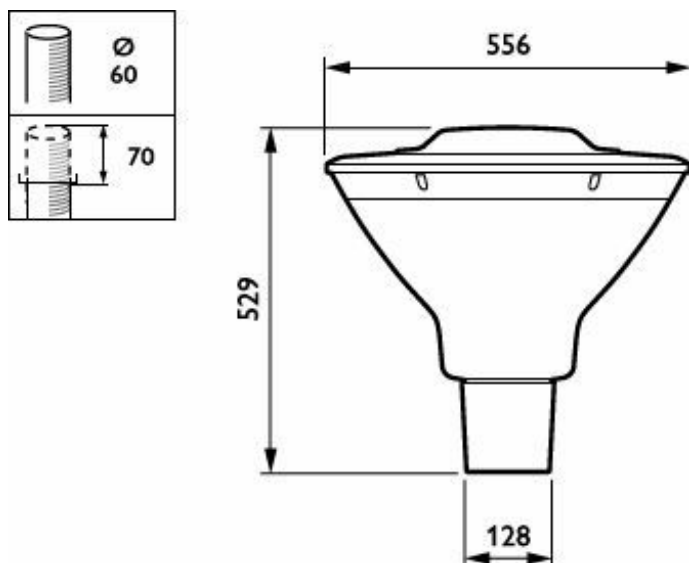


CityCharm Cone with Clearguide and top Zhaga socket

## Features

- Choice of luminaire shapes, color effects, poles and brackets
- Diffusing tools for visual comfort, colored inserts to enhance ambiance
- Wide range of lumen outputs and optics for maximum efficiency at all lighting levels
- Choice of color temperatures and color rendering for different ambiances: 2200K, 2700K, 3000K and 4000K
- Efficacy up to 144 lm/W
- Cordoba and fluid versions available with ULR < 1%
- Lifetime up to 100,000 hours @L96 B10
- 5-year standard warranty (option to extend up to 10 years)

## Dimensional drawing



CityCharm Cone - LED module, system flux 2500 lm - LED  
- 50-60 Hz

## Product details



CityCharm\_Cordoba\_Cone  
-BDS490\_BDS491\_DGR-  
DPO2.tif



CityCharm Cone with  
Clearguide

### General Information

Lamp family code	CG25 [LED module, system flux 2500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Service tag	Yes

## Light Technical

Upward light output ratio	0.03
Luminous Flux	2,117 lm
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	70
Number of light sources	15
Light source color	730 warm white
Luminaire light beam spread	360°
Optic type outdoor	Symmetrical

## Operating and Electrical

Power Consumption	22 W
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

## Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

## Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Polycarbonate bowl/cover

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes

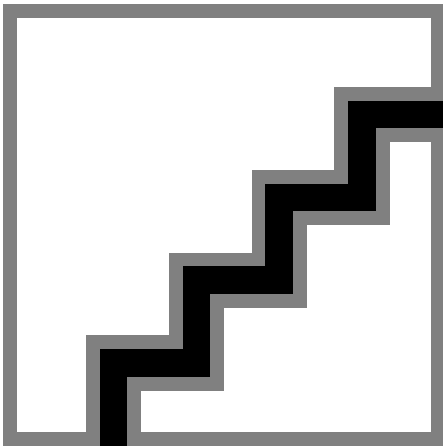
## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
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## Product Data

Product family code	BDS491 [CITYCHARM CONE]
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## Polar normal diagrams



BDS490I - 910505017432