



CityCharm: combining visual comfort and performance

CityCharm Cone

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

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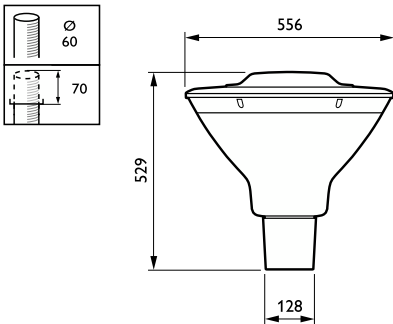
Features

- 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)

Application

- Residential
- Footpaths and cycle lanes
- Parks and boulevards

Dimensional drawing



Product details



CityCharm_Cordoba_Cone-
BDS490_BDS491_DGR-DP02.tif



CityCharm_Cone-BDS491_DGR-
DP03.tif

General Information

Driver included	Yes
Gear	EB
Lamp family code	CG25
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

Luminaire light beam spread	360°
Color rendering index (CRI)	70
Number of light sources	15
Upward light output ratio	0.03

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode
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Controls and Dimming

Dimmable	No
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	-
Glow-wire test	Temperature 650 °C, duration 5 s

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
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Product Data

Product family code	BDS491
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Light Technical

Order Code	Full Product Name	Light source color	Correlated Color		
			Temperature (Nom)	Luminous Flux	Optic type outdoor
910505017426	BDS491 CG25-/740 II S GR D11 76	740 neutral white	4000 K	2,140 lm	Symmetrical
910505017431	BDS491 CG25-/740 II A GR H07RN-PX1.5 60	740 neutral white	4000 K	2,140 lm	Asymmetrical
910505017432	BDS491 CG25-/730 II S GR 60	730 warm white	3000 K	2,117 lm	Symmetrical

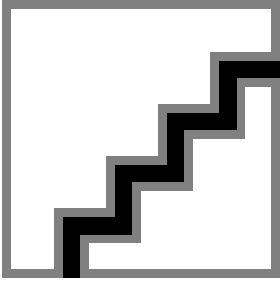
Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505017426	BDS491 CG25-/740 II S GR D11 76	20 W
910505017431	BDS491 CG25-/740 II A GR H07RN-PX1.5 60	20 W

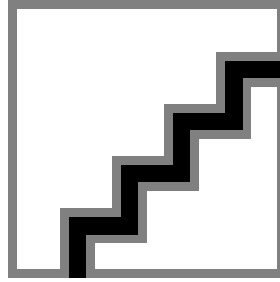
Order Code	Full Product Name	Power Consumption
910505017432	BDS491 CG25-/730 II S GR 60	22 W

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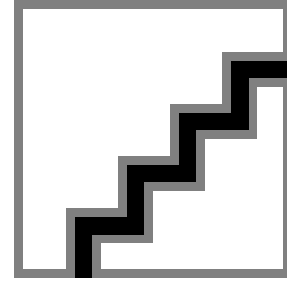
Polar Wide Diagrams



Polar Normal (separate) - BDS4901 -
910505017431



Polar Normal (separate) - BDS4901 -
910505017426



Polar Normal (separate) - BDS4901 -
910505017432

