



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
- Preserves natural darkness and protects night-time environments
- 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

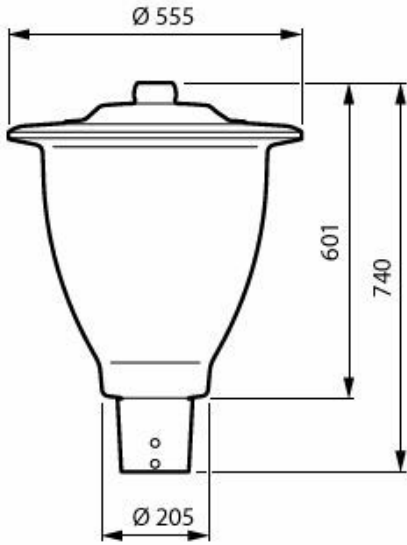
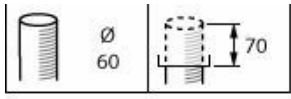


CityCharm fluid BDS492
with SRT and GRB on post-
top bracket

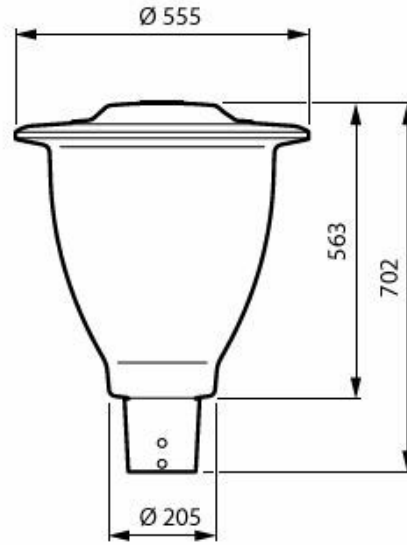
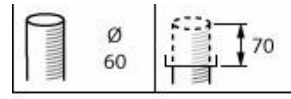
Features

- 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
- Efficacy up to 144 lm/W
- Protecting dark skies with warm, DarkSky-approved CCTs (2200K, 2700K, 3000K)

Dimensional drawing



CityCharm fluid - LED module 5000 lm - LED - 730 warm white - Power supply unit with DALI and SystemReady interface - 220 to 240 V - 50 to 60 Hz - Safety class II - Symmetrical - Polycarbonate bowl/cover - Gray - Surge protection level until high voltage v in kV - differential mode + electro static discharge protection kV - Cable 6.0 m without plug - Spigot for diameter 60 mm



CityCharm fluid - LED module 7000 lm - LED - 730 warm white - Power supply unit with DALI interface - 220 to 240 V - 50 to 60 Hz - Safety class II - Distribution medium - Polycarbonate bowl/cover - Gray - Surge protection level until high voltage v in kV - differential mode + electro static discharge protection kV - Cable 6.0 m without plug - Spigot for diameter 60 mm

Product details



CityCharm Fluid



CityCharm Fluid with top socket

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	70
Light source color	730 warm white
Luminaire light beam spread	360°

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until high voltage v in kV -differential mode + electro static discharge protection kV
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Controls and Dimming

Dimmable	Yes
Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK11 [50 J vandal-resistant]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Polycarbonate bowl/cover

Approval and Application

Flammability mark	-
CE mark	Yes

Product Data

Product family code	BDS492 [CITYCHARM FLUID]
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General Information

Order Code	Full Product Name	Lamp family code
23704900	BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	LED50
23705600	BDS492 LED70/730 II DM-PCN GRB GR 60 C6	LED70

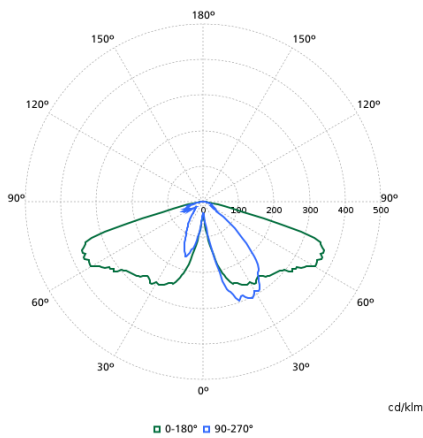
Light Technical

Order Code	Full Product Name	Upward light output ratio	Luminous Flux	Optic type outdoor
23704900	BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	0.0082	4,150 lm	Symmetric distribution optic conform French PCN (Protection Ciel Nocturne - Dark sky)
23705600	BDS492 LED70/730 II DM-PCN GRB GR 60 C6	0.0042	5,390 lm	Distribution medium PCN (protection Ciel Nocturne - Dark Sky) France

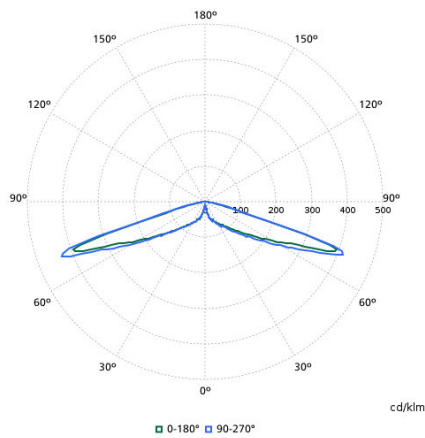
Operating and Electrical

Order Code	Full Product Name	Power Consumption
23704900	BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	33.5 W
23705600	BDS492 LED70/730 II DM-PCN GRB GR 60 C6	43.5 W

Polar normal diagrams



BDS490I - 912300060042



BDS490I - 912300060041