

**PHILIPS**

**Lighting**



# **CityCharm: combining visual comfort and performance**

## **CityCharm fluid**

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

# CityCharm fluid

## Features

- Choice of luminaire shapes, color effects, poles and brackets
- Diffusing tools for visual comfort, colored inserts to enhance ambience
- 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)

## Application

- Residential
- Footpaths and cycle lanes
- Parks and boulevards

## Versions



CityCharm fluid BDS492

## Dimensional drawing



# CityCharm fluid

## Product details



CityCharm Fluid



CityCharm Fluid with top socket

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	360°
Light source color	730 warm white
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	70
Controls and Dimming	
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK11
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Approval and Application	
CE mark	Yes
Flammability mark	-
Product Data	
Product family code	BDS492

## General Information

Order Code	Full Product Name	Lamp family code
912300060273	BDS492 LED20/730 PSU I DM GRB GR N 60	LED20
912300060041	BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	LED50
912300060042	BDS492 LED70/730 II DM-PCN GRB GR 60 C6	LED70
912300060043	BDS492 LED30/730 II A-PCN GRB GR 60	LED30

## Light Technical

# CityCharm fluid

Order Code	Full Product Name	Luminous		Upward light output
		Flux	Optic type outdoor	ratio
912300060273	BDS492 LED20/730	1,680 lm	Distribution medium	0.016
	PSU I DM GRB GR N			
	60			
912300060041	BDS492 HSR	4,150 lm	Symmetric	0.0082
	LED50/730 II S1F-		distribution optic	
	PCN GR 60 C6		conform French PCN	
			(Protection Ciel	
			Nocturne - Dark sky)	
912300060042	BDS492 LED70/730 II	5,390 lm	Distribution medium	0.0042
	DM-PCN GRB GR 60		PCN (protection Ciel	
	C6		Nocturne - Dark Sky)	
			France	

Order Code	Full Product Name	Luminous		Upward light output
		Flux	Optic type outdoor	ratio
912300060043	BDS492 LED30/730 II	2,400 lm	Distribution	0.003
	A-PCN GRB GR 60		asymmetric PCN	
			(protection Ciel	
			Nocturne - Dark Sky)	
			France	

## Operating and Electrical

Order Code	Full Product Name	Power	Surge Protection (Common/
		Consumption	Differential)
912300060273	BDS492 LED20/730	14.2 W	Standard surge protection
	PSU I DM GRB GR N		level
	60		
912300060041	BDS492 HSR	33.5 W	Surge protection level until
	LED50/730 II S1F-PCN		high voltage v in kV -
	GR 60 C6		differential mode + electro
			static discharge protection
			kV

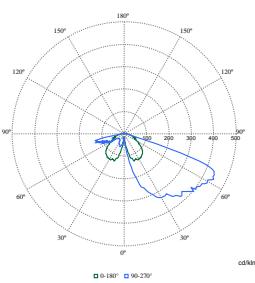
Order Code	Full Product Name	Power	Surge Protection (Common/
		Consumption	Differential)
912300060042	BDS492 LED70/730 II	43.5 W	Surge protection level until
	DM-PCN GRB GR 60		high voltage v in kV -
	C6		differential mode + electro
			static discharge protection
			kV
912300060043	BDS492 LED30/730 II	19.8 W	Standard surge protection +
	A-PCN GRB GR 60		electro static discharge
			protection kV

## Controls and Dimming

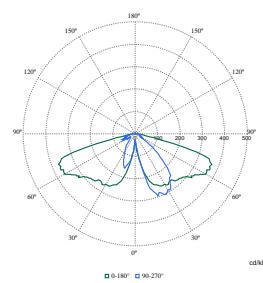
Order Code	Full Product Name	Dimmable
912300060273	BDS492 LED20/730 PSU I DM GRB GR N 60	No
912300060041	BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	Yes

Order Code	Full Product Name	Dimmable
912300060042	BDS492 LED70/730 II DM-PCN GRB GR 60 C6	Yes
912300060043	BDS492 LED30/730 II A-PCN GRB GR 60	Yes

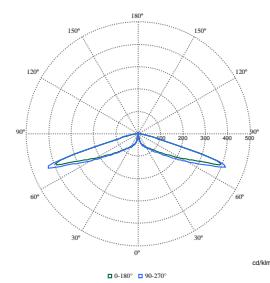
## Polar Wide Diagrams



Polar Normal (separate) - BDS490I -  
912300060043



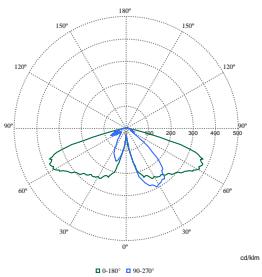
Polar Normal (separate) - BDS490I -  
912300060044



Polar Normal (separate) - BDS490I -  
912300060041

# CityCharm fluid

## Polar Wide Diagrams



Polar Normal (separate) - BDS490I -

912300060273

