PHILIPS Lighting



CityCharm Cone

BDS491 CG25-/730 II S GR 60

CityCharm Cone, Urban road & street light, 22 W, 2117 lm, 3000 K, CRI70, Symmetrical, Safety class II, IP66

The Philips 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 Philips 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.

Product data

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
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance

CityCharm Cone

Luminous Flux	2,117 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
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
Effective projected area	0.1155 m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	15 ms
Power Consumption	22 W
Power Factor (Fraction)	0.96
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	26
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 kV common mode

Controls and Dimming

•	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Aluminum
-
Polycarbonate
Polycarbonate
Aluminum
Gray
Spigot for diameter 60 mm
Flat
Clear
529 mm
556 mm
IP66 [Dust penetration-protected, jet-
proof]
IK10 [20 J vandal-resistant]
0°

Standard tilt angle side entry O° Optical cover type Polycarbonate bowl/cover Net Weight (Piece) 12.000 kg Approval and Application Image: Comparison of the state o	
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Approval and Application Glow-wire test Temperature 650 °C, durated flammability mark Flammability mark - CE mark Yes ENEC mark ENEC mark Photobiological risk Photobiological risk group	
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ENEC mark ENEC mark Photobiological risk Photobiological risk group	
Photobiological risk group	
EN62778	1@200mm to
EU RoHS compliant Yes	
Performance ambient temperature Tq 25 °C	
Remarks * At extreme ambient temp	peratures the
luminaire might automatic	ally dim down to
protect components	
Ambient temperature range -40 to +50 °C	

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.430, 0.400) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	

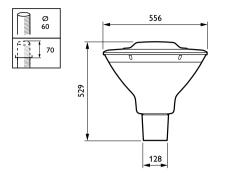
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.05 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L92
100000 h	

Product Data

Floudet Data	
Order product name	BDS491 CG25-/730 II S GR 60
Full product name	BDS491 CG25-/730 II S GR 60
Full product code	871869693927700
Order code	910505017432
Material Nr. (12NC)	910505017432
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696939277
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696939277
Product family code	BDS491 [CityCharm Cone]

CityCharm Cone

Dimensional drawing





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