CityCharm Cone

BDS491 CG25-/740 II S GR D11 76

CityCharm Cone, 15, LED module, system flux 2500 lm, LED, 740 neutral white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class II, Symmetrical, Polycarbonate bowl/cover, Gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 0.2 m without plug, Spigot for diameter 76 mm

CityCharm Cone is designed for use in urban areas where comfortable lighting, ambiance and design play an important role. Its unobtrusive appearance makes it a timeless, future-proof luminaire that is ideal for residential areas, parks, footpaths and cycle lanes, where visual comfort and maximum efficiency are key. CityCharm offers a choice of two iconic designs (Cone and Cordoba) and various accessories, enabling you to create a lighting solution that carries your signature, both by day and by night. CityCharm luminaires are also available as a complete set, with a choice of dedicated poles and brackets.

Product data

General Information		Product family code	BDS491 [CityCharm Cone]
Lamp family code	CG25 [LED module, system flux 2500 lm]	Lighting Technology	LED
Light source replaceable	Yes	Value ladder	Performance
Number of gear units	1 unit	CE mark	Yes
Gear	EB [Electronic]	Warranty period	5 years
Driver included	Yes	Flammability mark	-
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 5 s
		EU RoHS compliant	Yes
Light source engine type	LED		

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Light Technical

Upward light output ratio	0.03
Luminous Flux	2,140 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	≥70
Number of light sources	15
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Symmetrical

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	20 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

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Spigot for diameter 76 mm
Optical cover shape	Flat

Optical cover finish	Clear
Overall height	529 mm
Overall diameter	556 mm
Effective projected area	0.1155 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
Lumen maintenance at median useful life* 100000 h	L93

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BDS491 CG25-/740 II S GR D11 76
Full product name	BDS491 CG25-/740 II S GR D11 76
Full product code	871869693921500
Order code	93921500
Material Nr. (12NC)	910505017426
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696939215
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696939215

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Dimensional drawing

www.lighting.philips.com

2023, April 16 – data subject to change