



CityCharm Cone

BDS491 CG25-/740 II A GR H07RN-PX1.5 60

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, Asymmetrical, Polycarbonate bowl/cover, Grey, Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode, Cable 0.2 m without plug, Spigot for diameter 60 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	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
Light source engine type	LED	Glow-wire test	Temperature 650 °C, duration 5 s
		EU RoHS compliant	Yes

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Light Technical	
Upwards light output ratio	0.03
Luminous Flux	2,140 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	107 lm/W
Colour rendering index (CRI)	≥70
Number of light sources	15
Light source colour	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Asymmetrical

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)	0.842
Connection	Flying leads/cables
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	32

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	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Spigot for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens 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 up to 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 5,000 hours	0.05 %
Lumen maintenance at median useful life*	L94
100,000 h	

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

Product Data	
Order product name	BDS491 CG25-/740 II A GR H07RN-PX1.5 60
Full product name	BDS491 CG25-/740 II A GR H07RN-PX1.5 60
Full EOC	871869693926000
Order code	93926000
Material no. (12 NC)	910505017431
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696939260
Numerator – packs per outer box	1
EAN/UPC – Case	8718696939260

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Dimensional drawing

