



CityCharm Cordoba

BDS490 LED70-/830 II DM GRB GR 60

CityCharm Cordoba - LED module 7000 lm - LED - 830 warm white - Power supply unit regulating - 220 to 240 V - 50 to 60 Hz - Safety class II (II) - Distribution medium - 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 60 mm

CityCharm Cordoba 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 (Cordoba and Cone) 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		Connection	Flying leads/wires
Lamp family code	LED70 [LED module 7000 lm]	Cable	Cable 0.2 m without plug
Light source color	830 warm white	Protection class IEC	Safety class II (II)
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Optic type outdoor	Distribution medium
Luminaire light beam spread	360°		
Control interface	-		

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Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	10
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BDS490 [CityCharm Cordoba]

Light technical

Upward light output ratio	0.0278
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Factor (Min)	0.97

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	60 [Spigot for diameter 60 mm]
Optical cover/lens shape	Hemispherical
Optical cover/lens finish	Clear
Overall height	530 mm
Overall diameter	555 mm
Effective projected area	0.1124 m ²
Color	Gray
Dimensions (Height x Width x Depth)	530 x NaN x NaN mm (20.9 x NaN x NaN in)

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	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	5460 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	101 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.4339, 0.4032) SDCM <5
Initial input power	54 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product data

Full product code	871951420197200
Order product name	BDS490 LED70-/830 II DM GRB GR 60
EAN/UPC - Product	8719514201972
Order code	20197200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024689
Net Weight (Piece)	12.000 kg

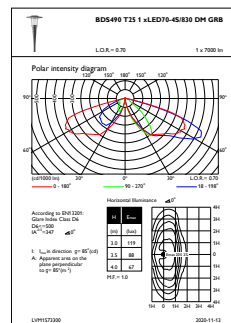
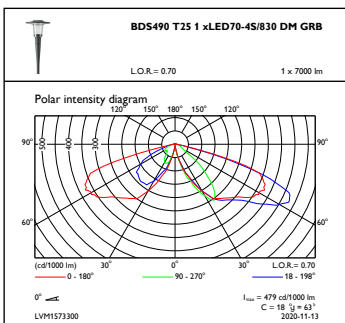


Dimensional drawing



BDS490 LED70-/830 II DM GRB GR 60

Photometric data



OFPC1_BDS490T251xLED70-4S830DMGRB

OFPL1_BDS490T251xLED70-4S830DMGRB

