



# CityCharm Cordoba

## BDS490 LED50/727 PSD-SR II DM GR SRT 60

CityCharm Cordoba - LED module 5000 lm - LED - 4th generation, screw fixation - 727 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		Luminaire light beam spread	360°
Lamp family code	LED50 [ LED module 5000 lm]	Control interface	-
Lamp version	4S [ 4th generation, screw fixation]	Connection	Flying leads/wires
Light source color	727 warm white	Cable	Cable 0.2 m without plug
Light source replaceable	Yes	Protection class IEC	Safety class II (II)
Number of gear units	1 unit	Flammability mark	NO [-]
Driver/power unit/transformer	PSR [ Power supply unit regulating]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optical cover/lens type	PC [ Polycarbonate bowl/cover]	Warranty period	5 years

## CityCharm Cordoba

Optic type outdoor	Distribution medium
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	26
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	0.0282
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	21 A
Inrush time	0.225 ms
Power Factor (Min)	0.98

### 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 <sup>2</sup>

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

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	104 lm/W
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	70
Initial chromaticity	(0.4577, 0.4098) SDCM <5
Initial input power	37.5 W
Power consumption tolerance	+/-10%

### 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

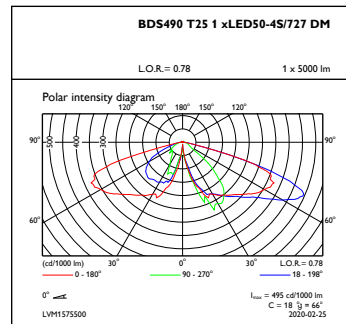
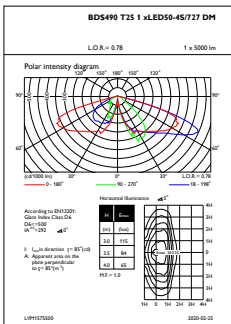
Full product code	871951420328000
Order product name	BDS490 LED50/727 PSD-SR II DM GR SRT 60
EAN/UPC - Product	8719514203280
Order code	20328000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024720
Net Weight (Piece)	12.000 kg



Dimensional drawing

CityCharm BDS490/491

Photometric data



OFPL1\_BDS490T251xLED50-4S727DM

OFPC1\_BDS490T251xLED50-4S727DM

