



# CityCharm Cordoba

BDS490 GRN40-/830 II S GRB DF GR C4K 60

CityCharm Cordoba, LED GreenLine 4000 lm, Symmetrical

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		Light Technical	
Lamp family code	GRN40 [LED GreenLine 4000 lm]	Upward light output ratio	0.03
Light source replaceable	Yes	Luminous Flux	3,169 lm
Number of gear units	1 unit	Standard tilt angle posttop	0°
Gear	EB [Electronic]	Standard tilt angle side entry	0°
Driver included	Yes	Correlated Color Temperature (Nom)	3000 K
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Luminous Efficacy (rated) (Nom)	101 lm/W
Light source engine type	LED	Color rendering index (CRI)	≥80
Product family code	BDS490 [CityCharm Cordoba]	Number of light sources	20
Lighting Technology	LED	Light source color	830 warm white
Value ladder	Performance	Optical cover type	Polycarbonate bowl/cover
Embedded control	-	Luminaire light beam spread	360°
CE mark	Yes		
Warranty period	5 years		
Flammability mark	-		
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes		

Optic type outdoor	Symmetrical
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	15 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 4.0 m without plug
Number of products on MCB of 16 A type B	32
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 60 mm
Optical cover shape	Hemispherical
Optical cover finish	Clear
Overall height	529 mm
Overall diameter	556 mm
Effective projected area	0.1124 m²

<b>Approval and Application</b>	
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
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.430, 0.400) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.05 %
<b>Application Conditions</b>	
Maximum dim level	Not applicable
<b>Product Data</b>	
Order product name	BDS490 GRN40-/830 II S GRB DF GR C4K 60
Full product name	BDS490 GRN40-/830 II S GRB DF GR C4K 60
Full product code	871869692121000
Order code	92121000
Material Nr. (12NC)	910505017137
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921210
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921210

## Dimensional drawing



