



CityCharm Cordoba

BDS490 GRN50-/740 II DM GRB GR 60

CityCharm Cordoba, LED GreenLine 5000 lm, Distribution medium, 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	
Lamp family code	GRN50 [LED GreenLine 5000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BDS490 [CityCharm Cordoba]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
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
Light Technical	
Upward light output ratio	0.03
Luminous Flux	3,749 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	≥70
Number of light sources	20

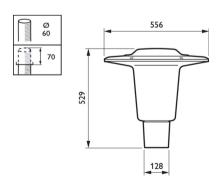
Datasheet, 2023, April 29 data subject to change

CityCharm Cordoba

Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Distribution medium
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	37 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A t	:ype 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	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 55	6 mm	
Effective projected area 0.1	124 m²	
Approval and Application		
Ingress protection code IP6	66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	0 [20 J vandal-resistant]	
Surge Protection (Common/Differential) Lu	minaire surge protection level until 6 kV	
dif	ferential mode and 8 kV common mode	
Protection class IEC Sa	fety class II	
Photobiological risk Ph	otobiological risk group 1 @200mm to	
EN	162778	
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	05 %	
Application Conditions		
Maximum dim level No	et applicable	
Product Data		
Order product name BD	0S490 GRN50-/740 II DM GRB GR 60	
Full product name BD	0S490 GRN50-/740 II DM GRB GR 60	
Full product code 87	1869692166100	
Order code 92	166100	
Material Nr. (12NC) 91	0505017182	
Numerator - Quantity Per Pack 1		
	18696921661	
	18696921661	

Dimensional drawing



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