



CityCharm Cordoba

BDS490 GRN10-/740 I DM GRB DF-S GR CLO S

CityCharm Cordoba, LED GreenLine 1000 lm, Distribution medium, Constant light output

The Philips CityCharm range is designed for use in urban areas where comfortable lighting, ambience, and design play an important role. It offers three iconic, timeless designs: CityCharm cordoba (BDS490), CityCharm cone (BDS491), and CityCharm fluid (BDS492) along with a range of decorative and practical accessories. This enables you to create a lighting solution that carries the signature of your municipality, both by day and by night. Whether you specify cordoba, cone or fluid LED lights, CityCharm provides high visual comfort while maintaining excellent performance. It offers a choice of two innovative Philips Lighting technologies: GentleBeam, which maximizes visual comfort, or ClearGuide (cordoba or cone), which optimizes vertical illumination and visual guidance. To personalize your CityCharm lighting solution further, decorative accessories for this range make it possible to define the volume of the bowl and change its appearance. To personalize your CityCharm lighting solution further, decorative accessories for this range make it possible to define the volume of the bowl and change its appearance. A variety of dedicated brackets and masts are also available to enable you to reshape your residential areas and city centers in the most elegant way imaginable.

Product data

GRN10 [LED GreenLine 1000 lm]	
Yes	
1 unit	
EB [Electronic]	
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	Constant light output	

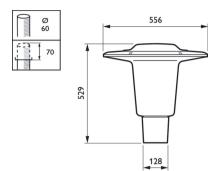
Datasheet, 2023, December 5 data subject to change

CityCharm Cordoba

CE mark	Vec	Definition metavial	
CE mark	Yes	Reflector material	-
Warranty period	5 years	Optic material	Polycarbonate
Flammability mark		Optical cover material	Polycarbonate
ENEC mark	ENEC mark	Fixation material	Aluminum
Glow-wire test	Temperature 650 °C, duration 30 s	Housing Color	Grey
EU RoHS compliant	Yes	Mounting device	Spigot for diameter 60 mm
		Optical cover shape	Hemispherical
Light Technical		Optical cover finish	Clear
Upward light output ratio	0.03	Overall height	529 mm
Luminous Flux	943 lm	Overall diameter	556 mm
Standard tilt angle posttop	0°	Effective projected area	0.1124 m²
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	105 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proo
Color rendering index (CRI)	≥70	Mech. impact protection code	IK10 [20 J vandal-resistant]
Number of light sources	8	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Light source color	740 neutral white		differential mode and 10 kV common mode
Optical cover type	Polycarbonate bowl/cover	Protection class IEC	Safety class I
Luminaire light beam spread	360°	Photobiological risk	Photobiological risk group 1 @200mm to
Optic type outdoor	Distribution medium		EN62778
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.380, 0.370) SDCM <3
Initial CLO power consumption	7.2 W	Power consumption tolerance	+/-10%
Average CLO power consumption	8.1 W	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption	9 W		
Inrush current	28 A	Over Time Performance (IEC Compli	iant)
Inrush time	15 ms	Driver failure rate at 5000 h	0.05 %
Power Consumption	9 W		
Power Factor (Fraction)	0.9	Application Conditions	
Connection	Flying leads/wires	Maximum dim level	Not applicable
Cable	Cable 0.2 m without plug		
Number of products on MCB of 16 A type	B 32	Product Data	
		Order product name	BDS490 GRN10-/740 I DM GRB DF-S GR
Temperature	_		CLO S
Ambient temperature range	-40 to +50 °C	Full product name	BDS490 GRN10-/740 I DM GRB DF-S GR
			CLOS
Controls and Dimming		Full product code	871869692139500
Dimmable	No	Order code	910505017155
Driver/power unit/transformer	Power supply unit regulating with constant	Material Nr. (12NC)	910505017155
	light output	Numerator - Quantity Per Pack	1
Control interface		EAN/UPC - Product/Case	8718696921395
Constant light output	Yes	Numerator - Packs per outer box	1
<u> </u>		EAN/UPC - Case	8718696921395
Mechanical and Housing			
Housing Material	Aluminum		

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Dimensional drawing





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