PHILIPS Lighting



CityCharm Cordoba

BDS490 GRN25-/740 I DM GRB GR CLO SRG10

CityCharm Cordoba, LED GreenLine 2500 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

General Information	
Lamp family code	GRN25 [LED GreenLine 2500 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	Constant light output

CityCharm Cordoba

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	2,140 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	≥70
Number of light sources	8
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
Initial CLO power consumption	16 W
Average CLO power consumption	18 W
End CLO power consumption	20 W

28 A

15 ms

20 W

0.9

Flying leads/wires

Cable 0.2 m without plug

-
Polycarbonate
Polycarbonate
Aluminum
Grey
Spigot for diameter 60 mm
Hemispherical
Clear
529 mm
556 mm
0.1124 m²
IP66 [Dust penetration-protected, jet-proof
IK10 [20 J vandal-resistant]
Luminaire surge protection level until 10 kV
differential mode and 10 kV common mode
Safety class I
Photobiological risk group 1@200mm to
EN62778

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

0.05 %

Not applicable

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h

Application Conditions

Maximum dim level

Product Data	
Order product name	BDS490 GRN25-/740 I DM GRB GR CLO
	SRG10
Full product name	BDS490 GRN25-/740 I DM GRB GR CLO
	SRG10
Full product code	871869692142500
Order code	910505017158
Material Nr. (12NC)	910505017158
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921425
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921425

Tem	perati	ire
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Inrush current

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type B 32

Inrush time

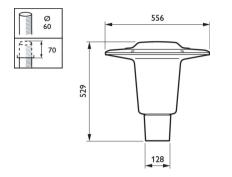
Connection

Cable

Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum

CityCharm Cordoba

Dimensional drawing





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