PHILIPS Lighting



CityCharm Cordoba

BDS490 LWFP GRN80-/740 I DM GRB GR CLO C

CityCharm Cordoba, LED GreenLine 8000 lm, Distribution medium, Constant light output

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	GRN80 [LED GreenLine 8000 lm]
Light source replaceable	Yes
Number of gear units	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
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	
Upwards light output ratio	0.03
Luminous Flux	6,793 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	124 lm/W
Colour rendering index (CRI)	≥70
Light source colour	740 neutral white

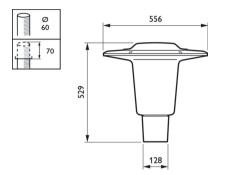
CityCharm Cordoba

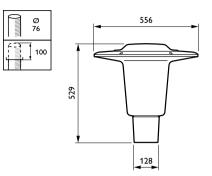
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	44 W
Average CLO power consumption	49.5 W
End CLO power consumption	55 W
Inrush current	80 A
Inrush time	15 ms
Power Consumption	55 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A ty	/pe B 11
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	GPRS network
Constant light output	Yes
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Spigot for diameter 76 mm
Optical cover/lens shape	Hemispherical
Optical cover/lens finish	Clear
Overall height	529 mm

Overall diameter	556 mm
Effective projected area	0.1124 m²
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 up to 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class I
Photobiological risk	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
	, -
Over Time Performance (IEC Comp	liant)
Driver failure rate at 5,000 hours	0.05 %
Application Conditions	
Maximum dim level	10%
Product Data	
Order product name	BDS490 LWFP GRN80-/740 I DM GRB GR
	CLO C
Full product name	BDS490 LWFP GRN80-/740 I DM GRB GR
	CLO C
Full EOC	871869692132600
Order code	92132600
Material no. (12 NC)	910505017148
SAP numerator – quantity per pack	1
SAP numerator - quantity per pack EAN/UPC Product/Case	1 8718696921326
EAN/UPC — Product/Case	8718696921326

CityCharm Cordoba

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 5 - data subject to change