PHILIPS Lighting



CityCharm Cordoba

BDS490 GRN50-/740 I DM GRB DF-S GR CLO S

CityCharm Cordoba, LED GreenLine 5000 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	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	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	
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

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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	29.6 W	
Average CLO power consumption	33.3 W	
End CLO power consumption	37 W	
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 type B 32		

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 until 10 kV
	differential mode and 10 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 Compliant)	

0.05 %

529 mm

Overall height

Driver failure rate at 5000 h

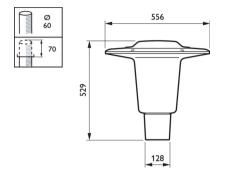
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material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

Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BDS490 GRN50-/740 I DN	

Order product name	BDS490 GRN50-/740 I DM GRB DF-S GR
	CLO S
Full product name	BDS490 GRN50-/740 I DM GRB DF-S GR
	CLO S
Full product code	871869692145600
Order code	92145600
Material Nr. (12NC)	910505017161
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696921456
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696921456

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Dimensional drawing





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