PHILIPS Lighting



CityCharm Cordoba

BDS490 GRN20-/740 I DM GRB DF-S GR CLO S

CityCharm Cordoba, LED GreenLine 2000 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	GRN20 [LED GreenLine 2000 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	1,570 lm		
Standard tilt angle posttop	0°		
Standard tilt angle side entry	O°		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	97 lm/W		
Color rendering index (CRI)	≥70		
Number of light sources	8		

CityCharm Cordoba

Temperature

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	12.8 W			
Average CLO power consumption	14.4 W			
End CLO power consumption	16 W			
Inrush current	28 A			
Inrush time	15 ms			
Power Consumption	16 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 height	529 mm		
Overall diameter	556 mm 0.1124 m²		
Effective projected area			
Approval and Application			
Ingress protection code	IP66 (Dust penetration-protected, jet-proo		
Mech. impact protection code	IK10 [20 J vandal-resistant]		
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 k ¹		
	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 Compl	iant)		
Driver failure rate at 5000 h	0.05 %		
Application Conditions			
Maximum dim level	Not applicable		
Product Data			
Order product name	BDS490 GRN20-/740 I DM GRB DF-S GR		
	CLO S		
Full product name	BDS490 GRN20-/740 I DM GRB DF-S GR		
	CLO S		
Full product code	871869692141800		
Order code	92141800		

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Ambient temperature range	-40 to +50 °C		
Controls and Dimming			
Dimmable	No		
Driver/power unit/transformer	Power supply unit regulating with constan		
	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		

Datasheet, 2023, April 29

Material Nr. (12NC)

EAN/UPC - Case

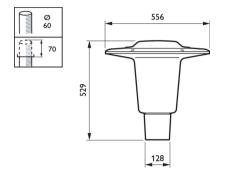
Numerator - Quantity Per Pack

Numerator - Packs per outer box

EAN/UPC - Product/Case

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Dimensional drawing





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