

CityCharm Cordoba

BDS490 GRN100-/740 I DM GRB GR D9 H07RN-

CityCharm Cordoba, LED GreenLine 10000 lm, LED, 740 neutral white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class I, Distribution medium, Polycarbonate bowl/cover, Grey, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 0.2 m without plug, Spigot for diameter 60 mm

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		Light source replaceable	Yes
Lamp family code	GRN100 [LED GreenLine 10000 lm]	Number of gear units	1 unit

Datasheet, 2023, December 5 data subject to change

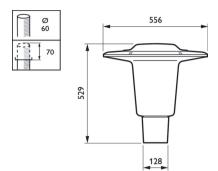
CityCharm Cordoba

Goor	ER [Electronic]	
Gear Driver included	EB [Electronic] Yes	
Remarks	* At extreme ambient temperatures the	
nemana	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	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	J years	
ENEC mark	ENEC mark	
EU RoHS compliant	Yes	
20 Norto computant	103	
Light Technical		
Upward light output ratio	0.03	
Luminous Flux	7,258 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	104 lm/W	
Color rendering index (CRI)	≥70	
Light source color	740 neutral white	
Optical cover type	Polycarbonate bowl/cover	
Luminaire light beam spread	360°	
Optic type outdoor	Distribution medium	
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Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	80 A	
Inrush time	15 ms	
Power Consumption	70 W	
Power Factor (Fraction)	0.8	
Connection	Flying leads/wires	
Cable	Cable 0.2 m without plug	
Number of products on MCB of 16 A type		
Temperature		
Ambient temperature range	-40 to +50 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	DALI	
Constant light output		

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
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 until 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class I
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 Compli	ant)
Driver failure rate at 5000 h	0.05 %
Application Conditions	
Maximum dim level	10%
Product Data	
Order product name	BDS490 GRN100-/740 I DM GRB GR D9
	H07RN-
Full product name	BDS490 GRN100-/740 I DM GRB GR D9
	H07RN-
Full product code	871869692319100
Order code	910505017220
Material Nr. (12NC)	910505017220
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696923191
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696923191

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Dimensional drawing





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