



# **CityCharm Cordoba**

## BDS490 GRN80-/830 I S GRB GR LS-6 50% 60

CityCharm Cordoba, LED GreenLine 8000 lm, Symmetrical, LumiStep dimming 6 hours

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	GRN80 [LED GreenLine 8000 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	LumiStep dimming 6 hours

Datasheet, 2023, December 5 data subject to change

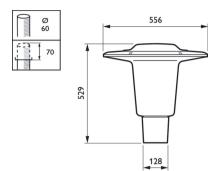
# **CityCharm Cordoba**

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	6,801 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	113 lm/W
Color rendering index (CRI)	≥80
Number of light sources	40
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Symmetrical
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	60 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	11
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
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
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.430, 0.400) 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	
Application Conditions  Maximum dim level	Not applicable
	Not applicable
	Not applicable
Maximum dim level	
Maximum dim level  Product Data	
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Product Data Order product name  Full product name  Full product code	BDS490 GRN80-/830   S GRB GR LS-6 50% 60 BDS490 GRN80-/830   S GRB GR LS-6 50% 60 871869692154800
Product Data Order product name  Full product code Order code	BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 871869692154800 910505017170
Product Data Order product name  Full product code Order code Material Nr. (12NC)	BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 871869692154800 910505017170 910505017170
Maximum dim level  Product Data Order product name  Full product name  Full product code Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack	BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 871869692154800 910505017170 910505017170
Maximum dim level  Product Data Order product name  Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 871869692154800 910505017170 910505017170 1 8718696921548
Maximum dim level  Product Data Order product name  Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 BDS490 GRN80-/830 I S GRB GR LS-6 50% 60 871869692154800 910505017170 910505017170 1 8718696921548

# **CityCharm Cordoba**

### Dimensional drawing





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