



# **CityCharm Cordoba**

## BDS490 GRN40-/830 II DM GRB GR C4K 60

CityCharm Cordoba, LED GreenLine 4000 lm, Distribution medium, 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	
Lamp family code	GRN40 [LED GreenLine 4000 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	-

Datasheet, 2023, December 5 data subject to change

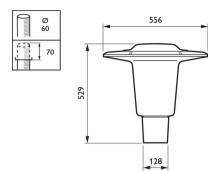
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CE mark	Yes
Warranty period	5 years
Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	3,015 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Color rendering index (CRI)	≥80
Number of light sources	20
Light source color	830 warm 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
Inrush current	27 A
Inrush time	15 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 4.0 m without plug
Number of products on MCB of 16 A type B	32
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 II
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%
Power consumption tolerance Init. Color Rendering Index Tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compli	+/-2 ant)
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant Driver failure rate at 5000 h	+/-2 ant)
Over Time Performance (IEC Compliant Driver failure rate at 5000 h  Application Conditions	+/-2 ant) 0.05 %
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Over Time Performance (IEC Compliant Driver failure rate at 5000 h  Application Conditions  Maximum dim level	+/-2 ant) 0.05 %
Over Time Performance (IEC Compliant Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data	+/-2  ant)  0.05 %  Not applicable
Over Time Performance (IEC Compliant Driver failure rate at 5000 h  Application Conditions  Maximum dim level	+/-2  ant)  0.05 %  Not applicable  BDS490 GRN40-/830 II DM GRB GR C4K
Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compli Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data  Order product name	+/-2  ant)  0.05 %  Not applicable  BDS490 GRN40-/830 II DM GRB GR C4K 60
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Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compli Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data  Order product name  Full product name  Full product code Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case	+/-2  ant)  0.05 %  Not applicable  BDS490 GRN40-/830 II DM GRB GR C4K 60  BDS490 GRN40-/830 II DM GRB GR C4K 60  871869692119700  910505017135  910505017135  1  8718696921197
Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compli Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data  Order product name  Full product name  Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack  EAN/UPC - Product/Case Numerator - Packs per outer box	+/-2  ant)  0.05 %  Not applicable  BDS490 GRN40-/830 II DM GRB GR C4K 60  BDS490 GRN40-/830 II DM GRB GR C4K 60  871869692119700 910505017135 910505017135 1 8718696921197

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### Dimensional drawing





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