



# **CityCharm Cordoba**

#### BDS490 GRN70-/830 II DM GRB GR C4K 60

CityCharm Cordoba, LED GreenLine 7000 lm, Distribution medium, Spigot for diameter 60 mm

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	GRN70 [LED GreenLine 7000 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	-
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	5,158 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	≥80
Number of light sources	40

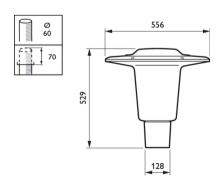
Datasheet, 2023, April 30 data subject to change

## **CityCharm Cordoba**

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	80 A
Inrush time	15 ms
Power Consumption	51 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 t	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

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% Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.05 %  Application Conditions  Maximum dim level Not applicable  Product Data Order product name BDS490 GRN70-/830 II DM GRB GR C4K 60 Full product code 871869692120300 Order code 92120300  Material Nr. (12NC) 910505017136  Numerator - Quantity Per Pack 1	Overall diameter	556 mm
Ingress protection code  IP66 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK10 [20 J vandal-resistant]  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%  Init. Color Rendering Index Tolerance  +/-2  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Not applicable  Product Data  Order product name  BDS490 GRN70-/830 II DM GRB GR C4K 60  Full product code  871869692120300  Material Nr. (12NC)  910505017136  Numerator - Quantity Per Pack  1	Effective projected area	0.1124 m²
Ingress protection code  IP66 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK10 [20 J vandal-resistant]  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%  Init. Color Rendering Index Tolerance  +/-2  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Not applicable  Product Data  Order product name  BDS490 GRN70-/830 II DM GRB GR C4K 60  Full product code  871869692120300  Material Nr. (12NC)  910505017136  Numerator - Quantity Per Pack  1		
Mech. impact protection code  Surge Protection (Common/Differential)  Luminous IEC  Photobiological risk  Photobiological risk proup 1 @200mm to EN62778  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Protection Conditions  Maximum dim level  Not applicable  Product Data  Order product name  BDS490 GRN70-/830 II DM GRB GR C4K 60  Full product code  BUS05017136  Numerator - Quantity Per Pack  I Luminous IK10 [20 J vandal-resistant]  Luminous and 8 kV common mode  Photobiological risk group 1 @200mm to EN62778  Initial Performance (IEC Compliant)  Photobiological risk group 1 @200mm to EN62778  Initial Performance (IEC Compliant)  Prower consumption tolerance  +/-10%  Initial Chromaticity  (0.430, 0.400) SDCM <3  +/-10%  Initial Chromaticity  10.430, 0.400) SDCM <3  Power consumption tolerance  +/-2  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  0.05 %  Application Conditions  Maximum dim level  Not applicable	Approval and Application	
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	Material Nr. (12NC)	910505017136
	Numerator - Quantity Per Pack	1
<b>EAN/UPC - Product/Case</b> 8718696921203	EAN/UPC - Product/Case	8718696921203
Numerator - Packs per outer box 1	Numerator - Packs per outer box	1
<b>EAN/UPC - Case</b> 8718696921203	EAN/UPC - Case	8718696921203

#### Dimensional drawing



## **CityCharm Cordoba**



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