



CityCharm Cordoba

BDS490 CG25-/730 II A GR D11 76

CityCharm Cordoba, 15, LED module, system flux 2500 lm, LED, 730 warm white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class II, Asymmetrical, Polycarbonate bowl/cover, Gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 0.2 m without plug, Spigot for diameter 76 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 | |
|---------------------|--|--------------------------|--------|
| Lamp family code | CG25 [LED module, system flux 2500 lm] | Number of gear units | 1 unit |

CityCharm Cordoba

| | |
|--------------------------|--|
| 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 |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |

Light Technical

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|------------------------------------|--------------------------|
| Upward light output ratio | 0.03 |
| Luminous Flux | 2,117 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) | ≥70 |
| Number of light sources | 15 |
| Light source color | 730 warm white |
| Optical cover type | Polycarbonate bowl/cover |
| Luminaire light beam spread | 360° |
| Optic type outdoor | Asymmetrical |

Operating and Electrical

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|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 27 A |
| Inrush time | 15 ms |
| Power Consumption | 22 W |
| Power Factor (Fraction) | 0.96 |
| Connection | Flying leads/wires |
| Cable | Cable 0.2 m without plug |
| Number of products on MCB of 16 A type B | 26 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|------------------------------|
| 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 | Gray |
| Mounting device | Spigot for diameter 76 mm |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall height | 529 mm |
| Overall diameter | 556 mm |
| Effective projected area | 0.1124 m² |

Approval and Application

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|--|--|
| 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 |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class II |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |

Initial Performance (IEC Compliant)

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|---------------------------------------|------------------------|
| 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)

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|---|--------|
| Driver failure rate at 5000 h | 0.05 % |
| Lumen maintenance at median useful life* 100000 h | L93 |

Application Conditions

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|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

Product Data

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|---------------------------------|---------------------------------|
| Order product name | BDS490 CG25-/730 II A GR D11 76 |
| Full product name | BDS490 CG25-/730 II A GR D11 76 |
| Full product code | 871869693920800 |
| Order code | 910505017425 |
| Material Nr. (12NC) | 910505017425 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696939208 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696939208 |

Dimensional drawing

