PHILIPS Lighting



CityCharm Cordoba

BDS490 GRN40-/740 I DM GRB GR CLO SRG10

CityCharm Cordoba, LED GreenLine 4000 lm, Distribution medium, Constant light output

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 | 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 | Constant light output |
| 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 | 3,396 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 117 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 20 |
| | |

CityCharm Cordoba

Temperature

| Light source color | 740 neutral 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 | |
| Initial CLO power consumption | 23.2 W | |
| Average CLO power consumption | 26.1 W | |
| End CLO power consumption | 29 W | |
| Inrush current | 27 A | |
| Inrush time | 15 ms | |
| Power Consumption | 29 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 32 | | |

| 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 10 kV |
| | differential mode and 10 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 | (0.380, 0.370) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Over Time Performance (IEC Compl | iant) |
| Driver failure rate at 5000 h | 0.05 % |
| Application Conditions | |
| Maximum dim level | Not applicable |
| Product Data | |
| Order product name | BDS490 GRN40-/740 I DM GRB GR CLO |
| | SRG10 |
| Full product name | BDS490 GRN40-/740 I DM GRB GR CLO |
| | BD3490 GRN40-/740 I DM GRB GR CLO |

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| - | |
|-------------------------------|--|
| Ambient temperature range | -40 to +50 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit regulating with constant |
| | light output |
| Control interface | - |
| Constant light output | Yes |
| | |
| 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 |

Full product code

Material Nr. (12NC)

EAN/UPC - Case

Numerator - Quantity Per Pack

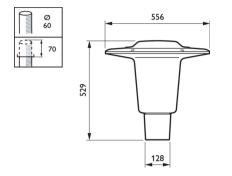
Numerator - Packs per outer box

EAN/UPC - Product/Case

Order code

CityCharm Cordoba

Dimensional drawing





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