



# CityCharm Cordoba

## BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1

CityCharm Cordoba - 15 pcs - ClearGuide 3000 lm - LED - 730 warm white - Power supply unit regulating with constant light output - 220 to 240 V - 50 to 60 Hz - Safety class II - Symmetrical - Polycarbonate bowl/cover - Grey - Constant light output - Cable 6.0 m without plug - 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           |  |                             |                                  |
|-------------------------------|--|-----------------------------|----------------------------------|
| Number of light sources       | 15 [ 15 pcs]   | Luminaire light beam spread | 360°                             |
| Lamp family code              | CG30 [ ClearGuide 3000 lm]   | Embedded control            | CLO [ Constant light output]     |
| Light source colour           | 730 warm white   | Control interface           | -                                |
| Light source replaceable      | Yes  | Connection                  | Flying leads/cables              |
| Number of gear units          | 1 unit   | Cable                       | Cable 6.0 m without plug         |
| Gear                          | EB [ Electronic]   | Protection class IEC        | Safety class II                  |
| Driver/power unit/transformer | PSR-CLO [ Power supply unit regulating with constant light output] | Glow-wire test              | Temperature 650 °C, duration 5 s |
| Driver included               | Yes  | Flammability mark           | NO [ -]                          |
| Optical cover/lens type       | PC [ Polycarbonate bowl/cover]                                     | CE mark                     | CE mark                          |
|                               |  | ENEC mark                   | ENEC mark                        |
|                               |  | UL mark                     | No                               |

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|                           |  |
|---------------------------|--|
| Warranty period           | 5 years  |
| Outdoor optic type        | Symmetrical  |
| Remarks                   | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Constant light output     | Yes  |
| Spare parts available     | Yes  |
| Number of products on MCB | 32   |
| Lifecycle services        | Maintenance services   |
| Photobiological risk      | Risk group 1   |
| Product recyclability     | 95%  |
| RoHS mark                 | RoHS mark  |
| WEEE mark                 | -  |
| LED engine type           | LED  |
| Accessory PFC             | -  |
| Product Family Code       | BDS490 [ CityCharm Cordoba]  |

### Light Technical

|                                |         |
|--------------------------------|---------|
| Upward light output ratio      | 0.03    |
| Scotopic/photopic lumen ratio  | 1.24    |
| Initial luminous flux at 15°C  | 3004 lm |
| Initial luminous flux at 25°C  | 3004 lm |
| Initial luminous flux at 35°C  | 3004 lm |
| Standard tilt angle post-top   | 0°      |
| Standard tilt angle side entry | 0°      |

### Operating and Electrical

|                               |              |
|-------------------------------|--------------|
| Input voltage                 | 220 to 240 V |
| Input frequency               | 50 to 60 Hz  |
| Control signal voltage        | -            |
| Initial CLO power consumption | 18 W         |
| Average CLO power consumption | 20.2 W       |
| End CLO power consumption     | 22.5 W       |
| Inrush current                | 27 A         |
| Inrush time                   | 15 ms        |
| Driver current                | 553 mA       |
| Power factor (max.)           | 0.9          |
| Power factor (min.)           | 0.8          |
| Power factor (nom.)           | 0.856        |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                  |           |
|------------------|-----------|
| Housing material | Aluminium |
|------------------|-----------|

|                             |                                 |
|-----------------------------|---------------------------------|
| Reflector material          | -                               |
| Optic material              | Polycarbonate                   |
| Optical cover/lens material | Polycarbonate                   |
| Fixation material           | Aluminum                        |
| Mounting device             | 60 [ Spigot for diameter 60 mm] |
| Optical cover/lens shape    | Flat                            |
| Optical cover/lens finish   | Clear                           |
| Torque                      | 25                              |
| Overall height              | 529 mm                          |
| Overall diameter            | 556 mm                          |
| Effective projected area    | 0.1124 m <sup>2</sup>           |
| Colour                      | Grey                            |

### 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 up to 6 kV differential mode and 8 kV common mode |

### Initial Performance (IEC Compliant)

|                                |                        |
|--------------------------------|------------------------|
| Initial luminous flux          | 2543 lm                |
| Luminous flux tolerance        | +/-10%                 |
| Initial LED luminaire efficacy | 113 lm/W               |
| Init. Corr. colour temperature | 3000 K                 |
| Init. colour rendering index   | ≥70                    |
| Initial chromaticity           | (0.430, 0.400) SDCM <3 |
| Initial input power            | 22.5 W                 |
| Power consumption tolerance    | +/-10%                 |

### Application Conditions

|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -40 to +50 °C  |
| Maximum dimming level     | Not applicable |

### Product Data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871869693924600                          |
| Order product name              | BDS490 CG30-/730 II S GR CLO C6K FQQ-PX1 |
| EAN/UPC – product               | 8718696939246                            |
| Order code                      | 93924600                                 |
| Numerator – quantity per pack   | 1  |
| Numerator – packs per outer box | 1  |
| Material no. (12NC)             | 910505017429                             |
| Net weight (piece)              | 12.000 kg                                |

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### Dimensional drawing



CityCharm BDS490/491

