



# CitySpirit Cone LED BDS470

## BDS470 C 55xLED/WW PSU 220-240V TB 7043

CitySpirit Cone LED BDS470, 3900 lm, 52 W, 730 warm white, Road-lighting reflector, Internal (no external connection), Safety class I, Post-top for diameter 60 mm

Beautifully designed lighting adds heart and soul to any city. It enables public spaces to be well-lit and rightly lit, invigorating communities and making everyone feel safe and welcome. Philips CitySpirit Cone LED is an energy-saving LED lighting solution that does not compromise on aesthetics. Its luminaire, mast, and bracket carry an integrated and stylish design that beautifully blends into any urban landscape. Various combinations of optical components generate lighting effects that meet different lighting requirements and ensure visual comfort at the right light level. Available in two different colour options with versatility, consistent light quality and impressive energy efficiency.

### Product data

| General Information      |         |
|--------------------------|---------|
| Light source replaceable | No      |
| Number of gear units     | 2 units |
| Driver included          | Yes     |
| Light source engine type | LED     |
| CE mark                  | CE mark |
| Warranty period          | 3 years |
| EU RoHS compliant        | Yes     |

| Light Technical                    |   |
|------------------------------------|---|
| Luminous Flux                      | 3,900 lm  |
| Correlated Color Temperature (Nom) | 3000 K  |
| Luminous Efficacy (rated) (Nom)    | 75 lm/W   |
| Color rendering index (CRI)        | >70   |
| Light source color                 | 730 warm white  |
| Optical cover type                 | Polycarbonate micro lens optic and very high-efficiency reflector |
| Optic type outdoor                 | Road-lighting reflector   |

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| Operating and Electrical                    |   |
|---|---|
| Input Voltage                               | 200 to 240 V  |
| Line Frequency                              | 50 to 60 Hz   |
| Average CLO power consumption               | 52 W  |
| Inrush current                              | 7 A   |
| Inrush time                                 | 0.0602 ms   |
| Power Consumption                           | 52 W  |
| Power Factor (Fraction)                     | 0.9   |
| Connection                                  | Flying leads/wires                                    |
| Cable                                       | Cable 4.0 m with Wieland/Adels compatible plug 3-pole |
| Number of products on MCB of 16 A type B 11 |   |

| Temperature               |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +35 °C |

| Controls and Dimming          |                                   |
|-------------------------------|-----------------------------------|
| Dimmable                      | Yes                               |
| Driver/power unit/transformer | Power supply unit (On/Off)        |
| Control interface             | Internal (no external connection) |
| Constant light output         | No                                |

| Mechanical and Housing |                             |
|------------------------|-----------------------------|
| Housing Material       | Metal-Plastic               |
| Reflector material     | Acrylate                    |
| Optic material         | Polycarbonate               |
| Optical cover material | Polycarbonate               |
| Housing Color          | Clear                       |
| Mounting device        | Post-top for diameter 60 mm |
| Optical cover shape    | Conical                     |

|                      |        |
|----------------------|--------|
| Optical cover finish | Clear  |
| Overall height       | 670 mm |
| Overall diameter     | 640 mm |

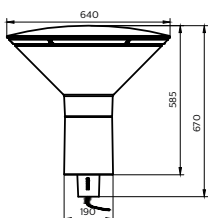
| Approval and Application               |  |
|--|--|
| Ingress protection code                | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK09 [10 J]                                  |
| Surge Protection (Common/Differential) | 4/2 kV                                       |
| Protection class IEC                   | Safety class I                               |

| Initial Performance (IEC Compliant) |        |
|-------------------------------------|--------|
| Luminous flux tolerance             | +/-10% |
| Initial chromaticity                | SDCM≤5 |
| Power consumption tolerance         | +/-10% |

| Application Conditions |              |
|------------------------|--------------|
| Maximum dim level      | Programmable |

| Product Data                    |  |
|---------------------------------|--|
| Order product name              | BDS470 C 55xLED/WW PSU 220-240V TB<br>7043 |
| Full product name               | BDS470 C 55xLED/WW PSU 220-240V TB<br>7043 |
| Full product code               | 911401613803                               |
| Order code                      | 01613803                                   |
| Material Nr. (12NC)             | 911401613803                               |
| Numerator - Quantity Per Pack   | 1  |
| Numerator - Packs per outer box | 1  |

## Dimensional drawing



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