



# TownTune CCB

## BDP275 LED14-4S/730 DM11 PCC DGR D9 62P

TownTune CCB, Urban road & street light, 9.8 W, 1148 lm, 3000 K, CRI70, DALI, Distribution medium 11, Safety class I, IP66, SRG6-6

Designed to enhance existing and scalable urban spaces, the TownTune family offers all the latest lighting innovations in terms of performance, quality of light and connectivity. The family consists of four solutions: a Central Post Top (CPT), an Asymmetric Spigot Post Top / Side Entry version (ASY), a version with an extending Lyre post top bracket (Lyre), and a Central Post Top with a Conical Comfort Bowl (CCB). Each TownTune luminaire can be customized with a choice of different shapes on top of the housing, plus there's the option to add a decorative ring, which comes in two colors (excluding CCB). Design options that enable you to create your very own lighting signature and bring a distinctive identity to districts and cities. In addition, every luminaire in the TownTune family is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programming operations faster and easier and enables you to create your digital library of lighting assets and spare parts. TownTune also uses the LEDGINE-O lighting platform, ensuring you always have the right amount and direction of light on your street. Furthermore, thanks to being system ready (SR), TownTune is also future proof. A solution that's ready to be paired with both standalone and advanced control and lighting software applications such as Interact City.

### Product data

| General Information      |                            | Number of gear units     |     |
|--------------------------|----------------------------|--------------------------|-----|
| Lamp family code         | LED14 [LED module 1400 lm] | Driver included          | Yes |
| Light source replaceable | Yes                        | Light source engine type | LED |

# TownTune CCB

|                     |             |
|---------------------|-------------|
| Service tag         | Yes         |
| Lighting Technology | LED         |
| Value ladder        | Performance |
| Warranty period     | 5 years     |

## Light Technical

|                                    |                        |
|------------------------------------|------------------------|
| Upward light output ratio          | 0.0369                 |
| Luminous Flux                      | 1,148 lm               |
| Correlated Color Temperature (Nom) | 3000 K                 |
| Luminous Efficacy (rated) (Nom)    | 117 lm/W               |
| Color rendering index (CRI)        | 70                     |
| Light source color                 | 730 warm white         |
| Luminaire light beam spread        | 76° x 74°              |
| Optic type outdoor                 | Distribution medium II |
| Effective projected area           | 0.09 m <sup>2</sup>    |

## Operating and Electrical

|  |  |
|--|--|
| Input Voltage                            | 220 to 240 V   |
| Line Frequency                           | 50 to 60 Hz  |
| Inrush current                           | 15 A   |
| Inrush time                              | 0.295 ms   |
| Power Consumption                        | 9.8 W  |
| Power Factor (Fraction)                  | 0.97   |
| Connection                               | Screw connection block 5-pole  |
| Cable                                    | -  |
| Number of products on MCB of 16 A type B | 29   |
| Protection class IEC                     | Safety class I   |
| Surge Protection (Common/Differential)   | Surge protection level until 6 kV differential mode and 6 kV common mode |

## Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| Constant light output         | No                                    |
| DALI Standard                 | DALI-2™                               |
| Maximum dim level             | 10%                                   |

## Mechanical and Housing

|                        |   |
|------------------------|---|
| Housing Material       | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Reflector material     | -   |
| Optic material         | Acrylate  |
| Optical cover material | Polycarbonate                                       |
| Fixation material      | Stainless steel                                     |
| Housing Color          | Anthracite  |
| Mounting device        | Post-top for diameter 62 mm                         |
| Optical cover shape    | Conical   |
| Optical cover finish   | Textured  |
| Overall width          | 477 mm  |
| Overall height         | 427 mm  |
| Overall diameter       | 477 mm  |

|                                |  |
|--------------------------------|--|
| Ingress protection code        | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code   | IK10 [20 J vandal-resistant]                 |
| Standard tilt angle posttop    | 0°   |
| Standard tilt angle side entry | -  |
| Optical cover type             | Polycarbonate bowl/cover clear               |
| Net Weight (Piece)             | 8.000 kg                                     |

## Approval and Application

|                                    |  |
|------------------------------------|--|
| Flammability mark                  | For mounting on normally flammable surfaces    |
| CE mark                            | Yes  |
| ENEC mark                          | ENEC mark                                      |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 25 °C  |
| Ambient temperature range          | -40 to +35 °C                                  |

## Initial Performance (IEC Compliant)

|  |                       |
|--|-----------------------|
| Luminous flux tolerance                                | +/-7%                 |
| Initial chromaticity                                   | (0.434, 0.403) SDCM<5 |
| Power consumption tolerance                            | +/-10%                |
| Init. Color Rendering Index Tolerance                  | +/-2                  |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5                |

## Over Time Performance (IEC Compliant)

|  |      |
|--|------|
| Control gear failure rate at median useful life 100000 h             | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L98  |

## Sustainability Data

|                       |  |
|-----------------------|--|
| Sustainability rating | Signify Circle   |
| Repair class          | Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time. |

## Product Data

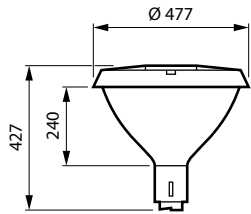
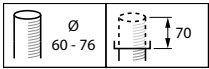
|                                 |   |
|---------------------------------|---|
| Order product name              | BDP275 LED14-4S/730 DM11 PCC DGR D9 62P |
| Full product name               | BDP275 LED14-4S/730 DM11 PCC DGR D9 62P |
| Full product code               | 872016904051900                         |
| Order code                      | 912300060276                            |
| Material Nr. (12NC)             | 912300060276                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8720169040519                           |
| Numerator - Packs per outer box | 1                                       |
| EAN/UPC - Case                  | 8720169040519                           |

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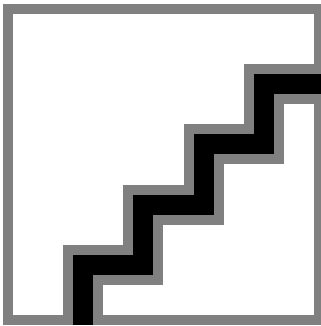
Product family code

BDP275 [TownTune CCB PLUS]

## Dimensional drawing



## Photometric data



Polar Normal (separate) - BDP275I - 912300060276

