



TownTune Central Post-Top DR

BDP261 LED35-4S/830 PSU II DS50 CLO 62P

TownTune Central Post-Top DR, Urban road & street light, 27 W, 2414 lm, 3000 K, CRI80, Distribution symmetrical 50, Safety class II, IP66, STD

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

TownTune Central Post-Top DR

| General Information | |
|--------------------------|--|
| Lamp family code | LED35 [LED module 3500 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service tag | Yes |
| Lighting Technology | LED |
| Value ladder | Performance |
| Serviceability class | Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts |
| Warranty period | 5 years |
| Sustainability rating | Unclassified |

| Light Technical | |
|------------------------------------|-----------------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 2,414 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 89 lm/W |
| Color rendering index (CRI) | 80 |
| Number of light sources | 20 |
| Light source color | 830 warm white |
| Luminaire light beam spread | 152° x 155° |
| Optic type outdoor | Distribution symmetrical 50 |
| Effective projected area | 0.066 m ² |

| Sustainability Data | |
|--|---|
| Embedded carbon (A1-A3) | 62.7 kg CO ₂ e |
| Recyclable content ratio of the finished product | 50.6 % |
| Product non-virgin material ratio | 51 % |
| GWP total B6 (kg CO ₂ eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh) |
| GWP total B6 (kg CO ₂ eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / Lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh) |

| Operating and Electrical | |
|-------------------------------|--------------|
| Input Voltage | 230 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 27 W |
| Average CLO power consumption | 27.5 W |
| End CLO power consumption | 27.5 W |
| Inrush current | 21 A |
| Inrush time | 0.225 ms |
| Power Consumption | 27 W |

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|--|---------------------------------|
| Power Factor (Fraction) | 0.98 |
| Connection | Internal connector |
| Cable | - |
| Number of products on MCB of 16 A type B | 26 |
| Protection class IEC | Safety class II |
| Surge Protection (Common/Differential) | Standard surge protection level |

| Controls and Dimming | |
|-------------------------------|----------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | Yes |
| Maximum dim level | 10% |
| Embedded control | Constant light output |

| Mechanical and Housing | |
|--------------------------------|--|
| Housing Material | Aluminum die cast |
| Reflector material | Acrylate |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | Aluminum |
| Housing Color | Gray |
| Mounting device | Post-top for diameter 62 mm |
| Optical cover shape | Convex lens |
| Optical cover finish | Clear |
| Overall height | 187 mm |
| Overall diameter | 533 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 UV-resistant |
| Net Weight (Piece) | 6.800 kg |

| Approval and Application | |
|------------------------------------|--|
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Ambient temperature range | -40 to +50 °C |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.410, 0.390) SDCM <5 |

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|--|--------|
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

Over Time Performance (IEC Compliant)

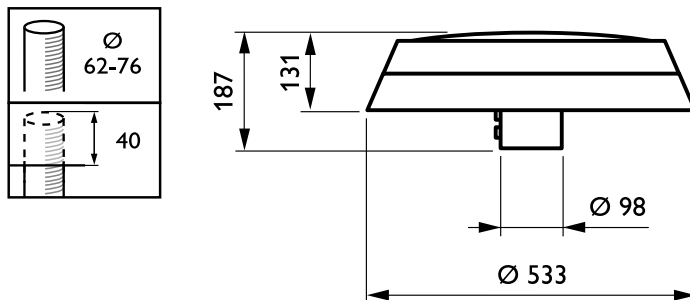
| | |
|--|-------|
| Driver failure rate at 5000 h | 0.5 % |
| Control gear failure rate at median useful life 100000 h | 0.1 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L100 |

Product Data

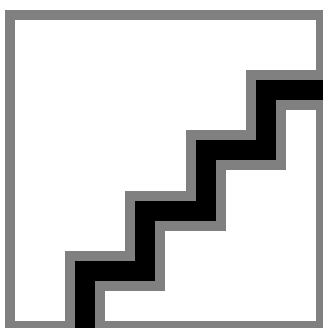
| | |
|--------------------|---|
| Order product name | BDP261 LED35-4S/830 PSU II DS50 CLO 62P |
|--------------------|---|

| | |
|---------------------------------|---|
| Full product name | BDP261 LED35-4S/830 PSU II DS50 CLO 62P |
| Full product code | 871869987864100 |
| Order code | 912300024407 |
| Material Nr. (12NC) | 912300024407 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699878641 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699878641 |
| Product family code | BDP261 [TOWNTUNE CENTRAL POST-TOP DR] |

Dimensional drawing



Photometric data



Polar Normal (separate) - BDP260I - 912300024407

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