



TownTune Central Post-Top DTC

BDP262 LED59-4S/830 II DW50 DR CLO LS-6

TOWNTUNE CENTRAL POST-TOP DTC, LED module 5900 lm, LED, 830 warm white, Power supply unit with DALI interface and constant light output, 220 to 240 V, 50 to 60 Hz, Safety class II, Distribution wide 50, Polycarbonate bowl/cover UV-resistant, Grey, Philips standard surge-protection level, Post-top for diameter 62 mm

As a luminaire family prepared for existing and scalable urban spaces, TownTune offers all the recent lighting innovations in terms of performance, quality of light and connectivity. The Philips TownTune family consists of three members: a central post top, an asymmetric spigot version and a version using an extending lyre post-top bracket. Each of these three can be customised with a choice of different shapes for housing and an optional decorative ring which comes in two colours. By having these options available, you can create your very own lighting signature and give a distinctive identity to districts and cities. The luminaire family is also equipped with the QR code-based Philips Service tag, which supports installation and maintenance work and enables you to create a digital library of lighting assets and spare parts. TownTune also makes use of the Philips Ledgine optimised lighting platform, ensuring that you always have the right amount and direction of light on your street. Furthermore, thanks to being SR (System-Ready), TownTune is also future-proof and is ready to be paired with both standalone and advanced control and lighting software applications, such as Interact City.

Product data

TownTune Central Post-Top DTC

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| General Information | |
| Lamp family code | LED59 [LED module 5900 lm] |
| Light source replaceable | Yes |
| Number of gear units | Unit |
| 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 | BDP262 [TOWNTUNE CENTRAL POST-TOP DTC] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |
| Light Technical | |
| Upwards light output ratio | 0 |
| Luminous Flux | 3,886 lm |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | - |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 91 lm/W |
| Colour rendering index (CRI) | >80 |
| Light source colour | 830 warm white |
| Optical cover type | Polycarbonate bowl/cover UV-resistant |
| Luminaire light beam spread | 23° - 8° x 152° |
| Optic type outdoor | Distribution wide 50 |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 42.5 W |
| Average CLO power consumption | 43.5 W |
| End CLO power consumption | 44 W |
| Inrush current | 43 A |
| Inrush time | 0.26 ms |
| Power Consumption | 42.5 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Internal connector |
| Cable | - |
| Number of products on MCB of 16 A type B | 10 |
| Temperature | |
| Ambient temperature range | -40 to +50 °C |
| Controls and Dimming | |
| Dimmable | Yes |

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| Driver/power unit/transformer | Power supply unit with DALI interface and constant light output |
| Control interface | DALI |
| Constant light output | Yes |
| Mechanical and Housing | |
| Housing material | Aluminium die cast |
| Reflector material | Acrylate |
| Optic material | Polymethyl methacrylate |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Aluminium |
| Housing Colour | Grey |
| Mounting device | Post-top for diameter 62 mm |
| Optical cover/lens shape | Convex lens |
| Optical cover/lens finish | Clear |
| Overall height | 365 mm |
| Overall diameter | 533 mm |
| Effective projected area | 0.13 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) | Philips standard surge-protection level |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class II |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.410, 0.390) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5,000 hours | 0.5 % |
| Control gear failure rate at median useful life 100,000 h | 0.1 % |
| Lumen maintenance at median useful life* 100,000 h | L100 |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 10% |
| Product Data | |
| Order product name | BDP262 LED59-4S/830 II DW50 DR CLO LS-6 |
| Full product name | BDP262 LED59-4S/830 II DW50 DR CLO LS-6 |
| Full EOC | 871869949026300 |

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| Order code | 49026300 |
| Material no. (12 NC) | 912300024157 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699490263 |

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|---------------------------------|---------------|
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718699490263 |

Dimensional drawing

