



TownTune Asymmetric

BDP265 LED94-4S/740 SR DX50 DGRMSP P7SRB

BDP265 | TOWNTUNE ASYMMETRIC, LED94 | LED module 9400 lm, LED, 740 neutral white, Power supply unit with DALI and SystemReady interface, 220-240 V, 50 to 60 Hz, Safety class I, Distribution extra wide 50, Polycarbonate bowl/cover UV-resistant, Gray, Marine salt protected coating, Philips standard surge protection level, Universal for diameter 48 to 60 mm adjustable

Designed to enhance existing and scalable urban spaces, the Philips 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 Philips 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.

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Product data

| General Information | |
|--------------------------|----------------------------|
| Lamp family code | LED94 [LED module 9400 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 |
| Warranty period | 5 years |
| Sustainability rating | Lighting for circularity |

| Light Technical | |
|------------------------------------|----------------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 7,520 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 134 lm/W |
| Color rendering index (CRI) | 70 |
| Light source color | 740 neutral white |
| Luminaire light beam spread | 17° - 5° x 132° |
| Optic type outdoor | Distribution extra wide 50 |
| Effective projected area | 0.033 m ² |

| Operating and Electrical | |
|--|---|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 9.6 A |
| Inrush time | 0.13 ms |
| Power Consumption | 56 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Internal connector |
| Cable | - |
| Number of products on MCB of 16 A type B | 11 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Philips standard surge protection level |

| Controls and Dimming | |
|-------------------------------|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI and SystemReady interface |
| Control interface | DALI |
| Constant light output | No |
| Maximum dim level | 10% |

| 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 | Universal for diameter 48 to 60 mm adjustable |
| Optical cover shape | Convex lens |
| Optical cover finish | Clear |
| Overall height | 70 mm |
| Overall diameter | 477 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK09 [10 J] |
| Standard tilt angle posttop | - |
| Standard tilt angle side entry | 0° |
| Optical cover type | Polycarbonate bowl/cover UV-resistant |
| Net Weight (Piece) | 6.460 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 *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. Zhaga-D4i / SR compatibility: Luminaire prepared for D4i / SR drivers and Zhaga Book18 socket, offering a standardized futureproof platform for connectivity and sensors. For Zhaga-D4i / SR based luminaires only Zhaga-D4i / SR Certified components/sensors are to be used (see also: <https://www.zhagastandard.org/products/> / <http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting>). Functional compatibility of 2 Zhaga-D4i / SR certified) components/sensors to be used in combination as well as override possibility of any lineswitch function used in a SR based luminaire, is to be released by the master component/sensor supplier. For the use of NEMA

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7pin socket on a Zhaga-D4i / SR based luminaire a full system verification is required. Not following these advises can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.

Ambient temperature range -40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance +/-7%

Initial chromaticity (0.381, 0.379) SDCM <5

Power consumption tolerance +/-10%

Init. Color Rendering Index +/-2

Tolerance

Standard Deviation of Colour SDCM ≤5

Matching (McAdam ellipse)

Over Time Performance (IEC Compliant)

Control gear failure rate at 10 %

median useful life 100000 h

Lumen maintenance at median useful life* 100000 h L96

Product Data

| | |
|--|--|
| Order product name | BDP265 LED94-4S/740 SR DX50 DGRMSP P7SRB |
| Full product name | BDP265 LED94-4S/740 SR DX50 DGRMSP P7SRB |
| Full product code | 871951421547400 |
| Order code | 912300024896 |
| Material Nr. (12NC) | 912300024896 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514215474 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8719514215474 |
| Product family code | BDP265 [TOWNTUNE ASYMMETRIC] |

Dimensional drawing

