



TownTune Asymmetric

BDP265 LED120-4S/740 DN10 CLO SRT SRB 76

TownTune Asymmetric, Urban road & street light, 69 W, 9200 lm, 4000 K, CRI70, DALI, Distribution narrow 10, Safety class I, IP66, STD

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.

Product data

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General Information	
Lamp family code	LED120 [LED module 12000 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	9,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	12° - 59° × 158°
Optic type outdoor	Distribution narrow 10
Effective projected area	0.033 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	69 W
Average CLO power consumption	71 W
End CLO power consumption	73 W
Inrush current	9.6 A
Inrush time	0.13 ms
Power Consumption	69 W
Power Factor (Fraction)	0.98
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	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 76 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)	6.800 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	<p>* 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 7pin socket on a Zhaga-D4i / SR based luminaire a full system verification is required. Not following these advises can/will cause risk of</p>

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	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)	
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %

Lumen maintenance at median useful life* 100000 h	L100
Product Data	
Order product name	BDP265 LED120-4S/740 DN10 CLO SRT SRB 76
Full product name	BDP265 LED120-4S/740 DN10 CLO SRT SRB 76
Full product code	871869949761300
Order code	912300024202
Material Nr. (12NC)	912300024202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699497613
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699497613
Product family code	BDP265 [TOWNTUNE ASYMMETRIC]

Dimensional drawing

