



# TownTune Central Post-Top

## BDP260 LED50-4S/830 II DS50 62P

BDP260 | TOWNTUNE CENTRAL POST-TOP - LED50 | LED module 5000 lm - LED - 830 warm white - Power supply unit - 220 to 240 V - 50 to 60 Hz - Safety class II - Distribution symmetrical 50 - Polycarbonate bowl/cover UV-resistant - Philips standard surge protection level - - - Post-top for diameter 62 mm

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.

# TownTune Central Post-Top

## Product data

General Information	
Lamp family code	LED50 [LED module 5000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Service tag	Yes
Product family code	BDP260 [TOWNTUNE CENTRAL POST-TOP]
Lighting Technology	LED
Value ladder	Performance

Light Technical	
Upward light output ratio	0
Luminous Flux	3,500 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	40.5 W
Inrush current	21 A
Inrush time	0.225 ms
Power Factor (Fraction)	0.98
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	26

Temperature	
Ambient temperature range	-40 to +50 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Post-top for diameter 62 mm
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	187 mm
Overall diameter	477 mm
Effective projected area	0.042 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
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes

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 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data	
Full product code	871869986496500
Order product name	BDP260 LED50-4S/830 II DS50 62P

## TownTune Central Post-Top

Order code	912300024259
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	912300024259
Full product name	BDP260 LED50-4S/830 II DS50 62P

EAN/UPC - Case	8718699864965
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### Dimensional drawing

