



# TownTune Central Post-Top

## BDP260 LED50-4S/740 II DS50 62P

BDP260 | TOWNTUNE CENTRAL POST-TOP - LED50 | LED module 5000 lm - LED - 740 neutral 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		Mechanical and Housing	
Lamp family code	LED50 [LED module 5000 lm]	Housing Material	Aluminum die cast
Light source replaceable	Yes	Reflector material	Acrylate
Number of gear units	1 unit	Optic material	Polymethyl methacrylate
Driver included	Yes	Optical cover/lens material	Polymethyl methacrylate
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Fixation material	Aluminum
Light source engine type	LED	Housing Color	Gray
Service tag	Yes	Mounting device	Post-top for diameter 62 mm
Product family code	BDP260 [TOWNTUNE CENTRAL POST-TOP]	Optical cover/lens shape	Convex lens
Lighting Technology	LED	Optical cover/lens finish	Clear
Value ladder	Performance	Overall height	187 mm
		Overall diameter	477 mm
		Effective projected area	0.042 m²
Light Technical		Approval and Application	
Upward light output ratio	0	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	3,550 lumen	Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°	Surge Protection (Common/Differential)	Philips standard surge protection level
Standard tilt angle side entry	-	Sustainability rating	Lighting for circularity
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	115 lm/W	Flammability mark	For mounting on normally flammable surfaces
Color rendering index (CRI)	70	CE mark	Yes
Light source color	740 neutral white	ENEC mark	ENEC mark
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant	Warranty period	5 years
Luminaire light beam spread	152° x 155°	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Optic type outdoor	Distribution symmetrical 50	EU RoHS compliant	Yes
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-7%
Line Frequency	50 to 60 Hz	Init. Corr. Color Temperature	4000 K
Input Frequency	50 to 60 Hz	Initial chromaticity	(0.381, 0.379) SDCM <5
Power Consumption	31 W	Power consumption tolerance	+/-10%
Inrush current	21 A	Init. Color Rendering Index Tolerance	+/-2
Inrush time	0.225 ms		
Power Factor (Fraction)	0.98	Over Time Performance (IEC Compliant)	
Connection	Internal connector	Driver failure rate at 5000 h	0.5 %
Cable	-	Control gear failure rate at median useful life 100000 h	10 %
Number of products on MCB of 16 A type B	26	Lumen maintenance at median useful life* 100000 h	L97
Temperature			
Ambient temperature range	-40 to +50 °C	Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 °C
Dimmable	No	Maximum dim level	10%
Driver/power unit/transformer	Power supply unit (ON/OFF)		
Control interface	-	Product Data	
Constant light output	No	Full product code	871869986497200

## TownTune Central Post-Top

Order product name	BDP260 LED50-4S/740 II DS50 62P
Order code	912300024260
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	912300024260

Full product name	BDP260 LED50-4S/740 II DS50 62P
EAN/UPC - Case	8718699864972



### Dimensional drawing

