



TownTune Central Post-Top

BDP260 LED50-4S/830 II DW10 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 wide 10 - 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 programing 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

Datasheet, 2023, May 16 data subject to change

TownTune Central Post-Top

General Information		Optic material	Polymethyl methacrylate
Lamp family code	LED50 [LED module 5000 lm]	Optical cover/lens material	Polymethyl methacrylate
Light source replaceable	Yes	Fixation material	Aluminum
Number of gear units	1 unit	Housing Color	Gray
Driver included	Yes	Mounting device	Post-top for diameter 62 mm
Remarks	* At extreme ambient temperatures the	Optical cover/lens shape	Convex lens
	luminaire might automatically dim down to	Optical cover/lens finish	Clear
	protect components	Overall height	187 mm
Light source engine type	LED	Overall diameter	477 mm
Service tag	Yes	Effective projected area	0.042 m²
Product family code	BDP260 [TOWNTUNE CENTRAL POST-		
	TOP]	Approval and Application	
Lighting Technology	LED	Ingress protection code	IP66 [Dust penetration-protected, jet-
Value ladder	Performance		proof]
		Mech. impact protection code	IK10 [20 J vandal-resistant]
Light Technical		Surge Protection (Common/Differential)	Philips standard surge protection level
Upward light output ratio	0	Sustainability rating	Lighting for circularity
Luminous Flux	3,700 lumen	Protection class IEC	Safety class II
Standard tilt angle posttop	0°	Flammability mark	For mounting on normally flammable
Standard tilt angle side entry	-		surfaces
Correlated Color Temperature (Nom)	3000 K	CE mark	Yes
Luminous Efficacy (rated) (Nom)	91 lm/W	ENEC mark	ENEC mark
Color rendering index (CRI)	80	Warranty period	5 years
Light source color	830 warm white	Photobiological risk	Photobiological risk group 1 @200mm to
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant		EN62778
Luminaire light beam spread	7° - 52° × 150°	EU RoHS compliant	Yes
Optic type outdoor	Distribution wide 10		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.410, 0.390) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Input Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	40.5 W		
Inrush current	21 A	Over Time Performance (IEC Complia	nt)
Inrush time	0.225 ms	Driver failure rate at 5000 h	0.5 %
Power Factor (Fraction)	0.98	Control gear failure rate at median useful	10 %
Connection	Internal connector	life 100000 h	
Cable	-	Lumen maintenance at median useful life*	L96
Number of products on MCB of 16 A type B	26	100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 ℃	Performance ambient temperature Tq	25 °C
		Maximum dim level	10%
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (ON/OFF)	Full product code	871869986500900
Control interface	-	Order product name	BDP260 LED50-4S/830 II DW10 62P
Constant light output	No	Order code	912300024263
		Numerator - Quantity Per Pack	1
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum die cast	Material number (12NC)	912300024263
Reflector material	Acrylate	Full product name	BDP260 LED50-4S/830 II DW10 62P

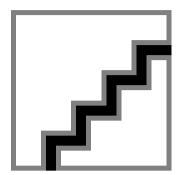
EAN/UPC - Case

8718699865009





Dimensional drawing





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