



TownTune Asymmetric DR

BDP266 LED109-4S/740 II DM10 CLO SRT SRB

TOWNTUNE ASYMMETRIC DR, LED module 10900 lm, LED, 740 neutral white, Power supply unit with DALI and SystemReady interface, 220 to 240 V, 50 or 60 Hz, Safety class II, Distribution medium 10, Polycarbonate bowl/cover UV-resistant, Grey, Philips standard surge-protection level, Universal for diameter 48 to 60 mm adjustable

As a luminaire family prepared for existing and scalable urban spaces, TownTune offers all the recent lighting innovations in terms of performance, quality of light and connectivity. The Philips TownTune family consists of three members: a central post top, an asymmetric spigot version and a version using an extending lyre post-top bracket. Each of these three can be customised with a choice of different shapes for housing and an optional decorative ring which comes in two colours. By having these options available, you can create your very own lighting signature and give a distinctive identity to districts and cities. The luminaire family is also equipped with the QR code-based Philips Service tag, which supports installation and maintenance work and enables you to create a digital library of lighting assets and spare parts. TownTune also makes use of the Philips Ledgine optimised lighting platform, ensuring that you always have the right amount and direction of light on your street. Furthermore, thanks to being SR (System-Ready), TownTune is also future-proof and is ready to be paired with both standalone and advanced control and lighting software applications, such as Interact City.

Product data

Datasheet, 2023, April 15 data subject to change

TownTune Asymmetric DR

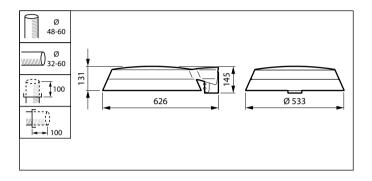
General Information		Driver/power unit/transformer	Power supply unit with DALI and
Lamp family code	LED109 [LED module 10900 lm]		SystemReady interface
Light source replaceable	Yes	Control interface	DALI
Number of gear units	Unit	Constant light output	Yes
Driver included	Yes		
Remarks	* At extreme ambient temperatures the	Mechanical and Housing	
	luminaire might automatically dim down to	Housing material	Aluminium die cast
	protect components	Reflector material	Acrylate
Light source engine type	LED	Optic material	Polymethyl methacrylate
Product family code	BDP266 [TOWNTUNE ASYMMETRIC DR]	Optical cover/lens material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Aluminium
Value ladder	Performance	Housing Colour	Grey
CE mark	Yes	Mounting device	Universal for diameter 48 to 60 mm
Warranty period	5 years		adjustable
Flammability mark	For mounting on normally flammable	Optical cover/lens shape	Convex lens
	surfaces	Optical cover/lens finish	Clear
ENEC mark	ENEC mark	Overall height	131 mm
EU RoHS compliant	Yes	Overall diameter	533 mm
		Effective projected area	0.036 m²
Light Technical			
Upwards light output ratio	0	Approval and Application	
Luminous Flux	8,610 lm	Ingress protection code	IP66 [Dust penetration-protected, jet-
Standard tilt angle post-top	-		proof]
Standard tilt angle side entry	0°	Mech. impact protection code	IK09 [10 J]
Correlated Colour Temperature	4000 K	Surge Protection (Common/Differential)	Philips standard surge-protection level
Luminous efficacy (rated) (nom.)	137 lm/W	Sustainability rating	Lighting for circularity
Colour rendering index (CRI)	≥70	Protection class IEC	Safety class II
Light source colour	740 neutral white	Photobiological risk	Photobiological risk group 1 @200mm to
Optical cover type	Polycarbonate bowl/cover UV-resistant		EN62778
Luminaire light beam spread	12° - 76° × 157°		
Optic type outdoor	Distribution medium 10	Initial Performance (IEC Compliant)	
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.381, 0.379) SDCM <5
Input Voltage	220 to 240 V	Power consumption tolerance	+/-10%
Line Frequency	50 or 60 Hz	Init. Color Rendering Index Tolerance	+/-2
Initial CLO power consumption	63 W		
Average CLO power consumption	64 W	Over Time Performance (IEC Complia	nt)
End CLO power consumption	65 W	Driver failure rate at 5,000 hours	0.5 %
Inrush current	9.6 A	Control gear failure rate at median useful	0.1 %
Inrush time	0.13 ms	life 100,000 h	
Power Consumption	63 W	Lumen maintenance at median useful life*	L100
Power Factor (Fraction)	0.98	100,000 h	
Connection	Internal connector		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type B	31	Performance ambient temperature Tq	25 °C
		Maximum dim level	10%
Temperature			
Ambient temperature range	-40 to +50 °C	Product Data	
		Order product name	BDP266 LED109-4S/740 II DM10 CLO SRT
Controls and Dimming			SRB
Dimmable	Yes	Full product name	BDP266 LED109-4S/740 II DM10 CLO SRT
			SRB

TownTune Asymmetric DR

Full EOC	871869949762000
Order code	49762000
Material no. (12 NC)	912300024203
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497620

Numerator – packs per outer box	1
EAN/UPC - Case	8718699497620

Dimensional drawing





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