



TownTune Asymmetric Lyre

BDP270 LED12-4S/740 DN10 CLO SRT SRB 62P

TOWNTUNE ASYMMETRIC LYRE, LED Module 1200 lm, LED, 740 neutral white, Power supply unit with DALI and SystemReady interface, 220 to 240 V, 50 or 60 Hz, Safety class I, Distribution narrow 10, Polycarbonate bowl/cover UV-resistant, Grey, Philips standard surge-protection level, Post-top for diameter 62 mm

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 Lyre

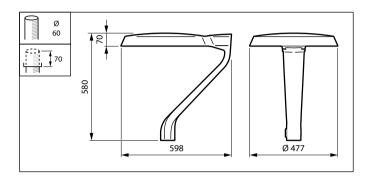
General Information		Driver/power unit/transformer	Power supply unit with DALI and
Lamp family code	LED12 [LED Module 1200 lm]		SystemReady interface
Light source replaceable	Yes	Control interface	DALI
Number of gear units	Unit	Constant light output	Yes
Driver included	Yes		
Remarks	* At extreme ambient 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	BDP270 [TOWNTUNE ASYMMETRIC LYRE]	Optical cover/lens material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Aluminium
Value ladder	Performance	Housing Colour	Grey
CE mark	Yes	Mounting device	Post-top for diameter 62 mm
Warranty period	5 years	Optical cover/lens shape	Convex lens
Flammability mark	For mounting on normally flammable	Optical cover/lens finish	Clear
	surfaces	Overall height	580 mm
ENEC mark	ENEC mark	Overall diameter	477 mm
EU RoHS compliant	Yes	Effective projected area	0.089 m²
Light Technical		Approval and Application	
Upwards light output ratio	0	Ingress protection code	IP66 [Dust penetration-protected, jet-
Luminous Flux	936 lm		proof]
Standard tilt angle post-top	O°	Mech. impact protection code	IK09 [10 J]
Standard tilt angle side entry	-	Surge Protection (Common/Differential)	Philips standard surge-protection level
Correlated Colour Temperature	4000 K	Sustainability rating	Lighting for circularity
Luminous efficacy (rated) (nom.)	110 lm/W	Protection class IEC	Safety class I
Colour rendering index (CRI)	>70	Photobiological risk	Photobiological risk group 1 @200mm to
Light source colour	740 neutral white		EN62778
Optical cover type	Polycarbonate bowl/cover UV-resistant		
Luminaire light beam spread	12° - 59° × 158°	Initial Performance (IEC Compliant)	
Optic type outdoor	Distribution narrow 10	Luminous flux tolerance	+/-7%
		Initial chromaticity	(0.381, 0.379) SDCM <5
Operating and Electrical		Power consumption tolerance	+/-10%
Input Voltage	220 to 240 V	Init. Color Rendering Index Tolerance	+/-2
Line Frequency	50 or 60 Hz		
Initial CLO power consumption	8.5 W	Over Time Performance (IEC Complia	nt)
Average CLO power consumption	8.5 W	Driver failure rate at 5,000 hours	0.5 %
End CLO power consumption	8.6 W	Control gear failure rate at median useful	0.1 %
Inrush current	18 A	life 100,000 h	
Inrush time	0.32 ms	Lumen maintenance at median useful life*	L100
Power Consumption	8.5 W	100,000 h	
Power Factor (Fraction)	0.94		
Connection	Internal connector	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type B	23	Maximum dim level	10%
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BDP270 LED12-4S/740 DN10 CLO SRT
			SRB 62P
Controls and Dimming		Full product name	BDP270 LED12-4S/740 DN10 CLO SRT
Dimmable	Yes		SRB 62P
		Full EOC	871869949769900

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Order code	49769900
Material no. (12 NC)	912300024210
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497699

Numerator – packs per outer box	1
EAN/UPC - Case	8718699497699

Dimensional drawing





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