



# TownTune Asymmetric Lyre DTC

### **BDP272 LED24-4S/740 II DM33 CLO SRT SRB**

TOWNTUNE ASYMMETRIC LYRE and DTC, LED Module 2400 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 33, 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 DTC**

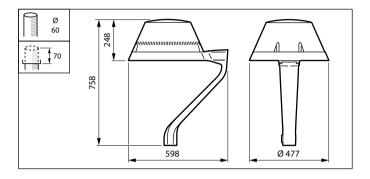
General Information		Driver/power unit/transformer	Power supply unit with DALI and
Lamp family code	LED24 [LED Module 2400 lm]		SystemReady interface
Light source replaceable	Yes	Control interface	DALI
Number of gear units	Unit	Constant light output	Yes
Driver included	Yes		
Remarks	* At extreme ambient temperatures the	Mechanical and Housing	
	luminaire might automatically dim down	Housing material	Aluminium die cast
	to protect components	Reflector material	Acrylate
Light source engine type	LED	Optic material	Polymethyl methacrylate
Product family code	BDP272 [TOWNTUNE ASYMMETRIC LYRE	Optical cover/lens material	Polymethyl methacrylate
	and DTC]	Fixation material	Aluminium
Lighting Technology	LED	Housing Colour	Grey
Value ladder	Performance	Mounting device	Post-top for diameter 62 mm
CE mark	Yes	Optical cover/lens shape	Convex lens
Warranty period	5 years	Optical cover/lens finish	Clear
Flammability mark	For mounting on normally flammable	Overall height	758 mm
	surfaces	Overall diameter	477 mm
ENEC mark	ENEC mark	Effective projected area	0.121 m²
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP66 [Dust penetration-protected, jet-
Upwards light output ratio	0		proof]
Luminous Flux	1,840 lm	Mech. impact protection code	IK09 [10 J]
Standard tilt angle post-top	0°	Surge Protection (Common/Differential)	Philips standard surge-protection level
Standard tilt angle side entry	-	Sustainability rating	Lighting for circularity
Correlated Colour Temperature	4000 K	Protection class IEC	Safety class II
Luminous efficacy (rated) (nom.)	116 lm/W	Photobiological risk	Photobiological risk group 1@200mm to
Colour rendering index (CRI)	>70		EN62778
Light source colour	740 neutral white		
Optical cover type	Polycarbonate bowl/cover UV-resistant	Initial Performance (IEC Compliant)	
Luminaire light beam spread	4° - 58° × 149°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium 33	Initial chromaticity	(0.381, 0.379) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz	Over Time Performance (IEC Complia	nt)
Initial CLO power consumption	15.8 W	Driver failure rate at 5,000 hours	0.5 %
Average CLO power consumption	15.8 W	Control gear failure rate at median useful	0.1 %
End CLO power consumption	16 W	life 100,000 h	
Inrush current	18 A	Lumen maintenance at median useful life $^{\ast}$	L100
Inrush time	0.32 ms	100,000 h	
Power Consumption	15.8 W		
Power Factor (Fraction)	0.98	Application Conditions	
Connection	Internal connector	Performance ambient temperature Tq	25 °C
Cable	-	Maximum dim level	10%
Number of products on MCB of 16 A type B	23		
		Product Data	
Temperature		Order product name	BDP272 LED24-4S/740 II DM33 CLO SRT
Ambient temperature range	-40 to +50 °C		SRB
		Full product name	BDP272 LED24-4S/740 II DM33 CLO SRT
Controls and Dimming			SRB
Dimmable	Yes	Full EOC	871869949771200
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### **TownTune Asymmetric Lyre DTC**

Order code	49771200
Material no. (12 NC)	912300024212
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497712

Numerator – packs per outer box	1
EAN/UPC - Case	8718699497712

#### Dimensional drawing





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