



TownTune Asymmetric Lyre

BDP270 LED40-4S/830 DM50 CLO DDF3 62P

TOWNTUNE ASYMMETRIC LYRE, LED module 4000 lm, LED, 830 warm white, Power supply unit with DALI interface and constant light output, 220 to 240 V, 50 or 60 Hz, Safety class I, Distribution medium 50, 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

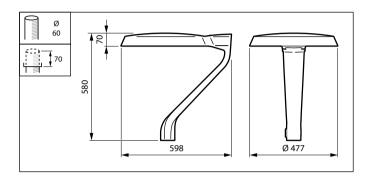
General Information		Driver/power unit/transformer	Power supply unit with DALI interface and
Lamp family code	LED40 [LED module 4000 lm]		constant light output
Light source replaceable	Yes	Control interface	DALI
Number of gear units	Unit	Constant light output	Yes
Driver included	Yes		
Remarks	* At extreme 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	BDP270 [TOWNTUNE ASYMMETRIC	Optical cover/lens material	Polymethyl methacrylate
	LYRE]	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	580 mm
	surfaces	Overall diameter	477 mm
ENEC mark	ENEC mark	Effective projected area	0.089 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	2,888 lm	Mech. impact protection code	IK09 [10 J]
Standard tilt angle post-top	O°	Surge Protection (Common/Differential)	Philips standard surge-protection level
Standard tilt angle side entry	-	Sustainability rating	Lighting for circularity
Correlated Colour Temperature	3000 K	Protection class IEC	Safety class I
Luminous efficacy (rated) (nom.)	95 lm/W	Photobiological risk	Photobiological risk group 1 @200mm to
Colour rendering index (CRI)	>80		EN62778
Light source colour	830 warm white		
Optical cover type	Polycarbonate bowl/cover UV-resistant	Initial Performance (IEC Compliant)	
Luminaire light beam spread	6° - 79° × 154°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium 50	Initial chromaticity	(0.410, 0.390) 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	30.5 W	Driver failure rate at 5,000 hours	0.5 %
Average CLO power consumption	31 W	Control gear failure rate at median useful	0.1%
End CLO power consumption	31 W	life 100,000 h	
Inrush current	21 A	Lumen maintenance at median useful life*	L100
Inrush time	0.225 ms	100,000 h	
Power Consumption	30.5 W		
Power Factor (Fraction)	0.98	Application Conditions	
Connection	Internal connector	Performance ambient temperature Tq	25 ℃
Cable	-	Maximum dim level	10%
Number of products on MCB of 16 A type B	26		
		Product Data	
Temperature		Order product name	BDP270 LED40-4S/830 DM50 CLO DDF3
Ambient temperature range	-40 to +50 °C		62P
		Full product name	BDP270 LED40-4S/830 DM50 CLO DDF3
Controls and Dimming			62P
Dimmable	Yes	Full EOC	871869949765100
			

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Order code	49765100
Material no. (12 NC)	912300024206
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497651

Numerator – packs per outer box	1
EAN/UPC - Case	8718699497651

Dimensional drawing





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