PHILIPS Lighting



TownTune Asymmetric Lyre DTC

BDP272 LED59-4S/830 II DW50 DR CLO LS-6

TOWNTUNE ASYMMETRIC LYRE and DTC, LED module 5900 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 II, Distribution wide 50, Polycarbonate bowl/cover UVresistant, 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

TownTune Asymmetric Lyre DTC

General Information	
Lamp family code	LED59 [LED module 5900 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
Rellians	
	luminaire might automatically dim down to protect components
Light source engine type	LED
	BDP272 [TOWNTUNE ASYMMETRIC LYRE
Product family code	and DTC]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period Flammability mark	5 years For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
	Tes
Light Technical	
Upwards light output ratio	0
Luminous Flux	
	4,312 lm 0°
Standard tilt angle post-top	0
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	99 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optical cover type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	12° - 29° × 152°
Optic type outdoor	Distribution wide 50
Operating and Electrical	
Operating and Electrical	220 to 240 V
Input Voltage	50 or 60 Hz
Line Frequency	43.5 W
Initial CLO power consumption Average CLO power consumption	43.5 W
End CLO power consumption	44 W 45 W
Inrush current	43 W 43 A
Inrush time	43 A 0.26 ms
Power Consumption	43.5 W
Power Factor (Fraction) Connection	0.98
Cable	Internal connector
	-
Number of products on MCB of 16 A type B	10
Tomporatura	
Temperature	40 to 150 °C
Ambient temperature range	-40 to +50 °C
Controls and Dimension	
Controls and Dimming	
Dimmable	Yes

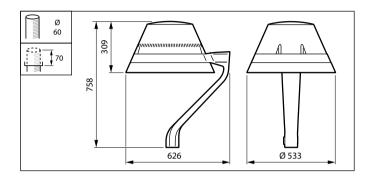
Driver/power unit/transformer	Power supply unit with DALI interface an
	constant light output
Control interface	DALI
Constant light output	Yes
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Post-top for diameter 62 mm
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	758 mm
Overall diameter	533 mm
Effective projected area	0.132 m²
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1@200mm to
Photobiological fisk	EN62778
Initial Performance (IEC Compliant)	. / 70/
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.410, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	nt)
Driver failure rate at 5,000 hours	0.5 %
Control gear failure rate at median useful	0.1%
-	
life 100,000 h Lumen maintenance at median useful life*	L100
life 100,000 h Lumen maintenance at median useful life* 100,000 h	
Life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions	L100
Life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq	L100 25 °C
Life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq	L100
life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L100 25 °C
life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L100 25 °C 10% BDP272 LED59-45/830 II DW50 DR CLC
life 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	L100 25 °C 10% BDP272 LED59-4S/830 II DW50 DR CLC LS-6
Lumen maintenance at median useful life* 100,000 h Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	L100 25 °C 10% BDP272 LED59-45/830 II DW50 DR CLO

TownTune Asymmetric Lyre DTC

Order code	49767500
Material no. (12 NC)	912300024208
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497675

Numerator – packs per outer box	1
EAN/UPC - Case	8718699497675

Dimensional drawing





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