



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 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

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 luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BDP272 [TOWNTUNE ASYMMETRIC LYRE and DTC]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	4,312 lm
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	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	43.5 W
Average CLO power consumption	44 W
End CLO power consumption	45 W
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	43.5 W
Power Factor (Fraction)	0.98
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	10
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes

Driver/power unit/transformer	Power supply unit with DALI interface and 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 EN62778
Initial Performance (IEC Compliant)	
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 Compliant)	
Driver failure rate at 5,000 hours	0.5 %
Control gear failure rate at median useful life 100,000 h	0.1 %
Lumen maintenance at median useful life* 100,000 h	L100
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Product Data	
Order product name	BDP272 LED59-4S/830 II DW50 DR CLO LS-6
Full product name	BDP272 LED59-4S/830 II DW50 DR CLO LS-6
Full EOC	871869949767500

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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

