



# TownTune Asymmetric Lyre DTD

**BDP273 LED74-4S/830 DW10 CLO SRT SRB 62P**

TOWNTUNE ASYMMETRIC LYRE and DTD, LED module 7400 lm, LED, 830 warm white, Power supply unit with DALI and SystemReady interface, 220 to 240 V, 50 or 60 Hz, Safety class I, Distribution wide 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

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<b>General Information</b>	
Lamp family code	LED74 [LED module 7400 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	BDP273 [TOWNTUNE ASYMMETRIC LYRE and DTD]
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
<b>Light Technical</b>	
Upwards light output ratio	0
Luminous Flux	5,600 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	102 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	7° - 52° × 150°
Optic type outdoor	Distribution wide 10
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	55 W
Average CLO power consumption	56 W
End CLO power consumption	57 W
Inrush current	9.6 A
Inrush time	0.13 ms
Power Consumption	55 W
Power Factor (Fraction)	0.97
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	31
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	Yes

Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
Control interface	DALI
Constant light output	Yes
<b>Mechanical and Housing</b>	
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	706 mm
Overall diameter	477 mm
Effective projected area	0.095 m²
<b>Approval and Application</b>	
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 I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.410, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over Time Performance (IEC Compliant)</b>	
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
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
<b>Product Data</b>	
Order product name	BDP273 LED74-4S/830 DW10 CLO SRT SRB 62P
Full product name	BDP273 LED74-4S/830 DW10 CLO SRT SRB 62P
Full EOC	871869949772900

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Order code	49772900
Material no. (12 NC)	912300024213
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699497729

Numerator – packs per outer box	1
EAN/UPC – Case	8718699497729

Dimensional drawing

