



TownTune Asymmetric Lyre DR

BDP271 LED69-4S/830 II DM10 CLO SRT SRB

TownTune Asymmetric Lyre DR, Urban road & street light, 52 W, 5148 lm, 3000 K, CRI80, DALI, Distribution medium 10, Safety class II. IP66. STD

Designed to enhance existing and scalable urban spaces, the Philips TownTune family offers all the latest lighting innovations in terms of performance, quality of light and connectivity. The family consists of four solutions: a Central Post Top (CPT), an Asymmetric Spigot Post Top / Side Entry version (ASY), a version with an extending Lyre post top bracket (Lyre), and a Central Post Top with a Conical Comfort Bowl (CCB). Each TownTune luminaire can be customized with a choice of different shapes on top of the housing, plus there's the option to add a decorative ring, which comes in two colors (excluding CCB). Design options that enable you to create your very own lighting signature and bring a distinctive identity to districts and cities. In addition, every luminaire in the TownTune family is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier and enables you to create your digital library of lighting assets and spare parts. TownTune also uses the Philips LEDGINE-O lighting platform, ensuring you always have the right amount and direction of light on your street. Furthermore, thanks to being system ready (SR), TownTune is also future proof. A solution that's ready to be paired with both standalone and advanced control and lighting software applications such as Interact City.

Product data

Datasheet, 2025, January 20 data subject to change

TownTune Asymmetric Lyre DR

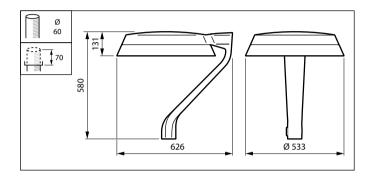
General Information		Optic material	Polymethyl methacrylate
Lamp family code	LED69 [LED module 6900 lm]	Optical cover material	Polymethyl methacrylate
Light source replaceable	Yes	Fixation material	Aluminum
Number of gear units	1 unit	Housing Color	Gray
Driver included	Yes	Mounting device	Post-top for diameter 62 mm
Light source engine type	LED	Optical cover shape	Convex lens
Service tag	Yes	Optical cover finish	Clear
Lighting Technology	LED	Overall height	580 mm
Value ladder	Performance	Overall diameter	533 mm
Warranty period	5 years	Ingress protection code	IP66 [Dust penetration-protected, jet-
Sustainability rating	Lighting for circularity		proof]
		Mech. impact protection code	IK09 [10 J]
Light Technical		Standard tilt angle posttop	O°
Upward light output ratio	0	Standard tilt angle side entry	-
Luminous Flux	5,148 lm	Optical cover type	Polycarbonate bowl/cover UV-resistant
Correlated Color Temperature (Nom)	3000 K	Net Weight (Piece)	10.500 kg
Luminous Efficacy (rated) (Nom)	99 lm/W		
Color rendering index (CRI)	80	Approval and Application	
Light source color	830 warm white	Flammability mark	For mounting on normally flammable
Luminaire light beam spread	12° - 76° × 157°		surfaces
Optic type outdoor	Distribution medium 10	CE mark	Yes
Effective projected area	0.095 m²	ENEC mark	ENEC mark
		Photobiological risk	Photobiological risk group 1 @200mm to
Operating and Electrical			EN62778
Input Voltage	220 to 240 V	EU RoHS compliant	Yes
Line Frequency	50 or 60 Hz	Performance ambient temperature Tq	25 °C
Initial CLO power consumption	52 W	Remarks	* At extreme ambient temperatures the
Average CLO power consumption	53 W		luminaire might automatically dim down
End CLO power consumption	54 W		protect components
Inrush current	9.6 A	Ambient temperature range	-40 to +50 °C
Inrush time	0.13 ms		
Power Consumption	52 W	Initial Performance (IEC Compliant)	
Power Factor (Fraction)	0.97	Luminous flux tolerance	+/-7%
Connection	Internal connector	Initial chromaticity	(0.410, 0.390) SDCM <5
Cable	-	Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type B	31	Init. Color Rendering Index Tolerance	+/-2
Protection class IEC	Safety class II	Standard Deviation of Colour Matching	SDCM≤5
Surge Protection (Common/Differential)	Philips standard surge protection level	(McAdam ellipse)	
Controls and Dimming		Over Time Performance (IEC Complia	nt)
Dimmable	Yes	Driver failure rate at 5000 h	0.5 %
Driver/power unit/transformer	Power supply unit with DALI and	Control gear failure rate at median useful	10 %
	SystemReady interface	life 100000 h	
Control interface	DALI	Lumen maintenance at median useful life*	L100
Constant light output	Yes	100000 h	
Maximum dim level	10%		
Embedded control	Constant light output	Product Data	
		Order product name	BDP271 LED69-4S/830 II DM10 CLO SR
Mechanical and Housing			SRB
Housing Material	Aluminum die cast	Full product name	BDP271 LED69-4S/830 II DM10 CLO SR
Reflector material	Acrylate		SRB
		Full product code	871869949770500

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Order code	912300024211
Material Nr. (12NC)	912300024211
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699497705
Numerator - Packs per outer box	1

EAN/UPC - Case	8718699497705	
Product family code	BDP271 [TOWNTUNE ASYMMETRIC LYRE	
	and DR]	

Dimensional drawing





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