



TownTune Asymmetric Lyre DR

BDP271 LED50-4S/740 DS50 CLO DDF2 62P

TOWNTUNE ASYMMETRIC LYRE and DR - LED module 5000 lm
- LED - 740 neutral white - Power supply unit with DALI
interface and constant light output - 220 to 240 V - 50 or 60 Hz
- Safety class I (I) - Distribution symmetrical 50 - Polycarbonate
bowl/cover UV-resistant - Dark gray - Philips standard surge
protection level kV - Post-top for diameter 62 mm - Decorative
ring

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 programming 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.

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Product data

General information	
Lamp family code	LED50 [LED module 5000 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD-CLO [Power supply unit with DALI interface and constant light output]
Driver included	Yes
Optical cover/lens type	PC-UV [Polycarbonate bowl/cover UV-resistant]
Luminaire light beam spread	152° x 155°
Control interface	DALI
Connection	CI [Internal connector]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Decorative accessories	DR [Decorative ring]
Optic type outdoor	Distribution symmetrical 50
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	Yes
Number of products on MCB of 16 A type B	10
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Product family code	BDP271 [TOWNTUNE ASYMMETRIC LYRE and DR]

Light technical	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	-

Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	29 W
Average CLO power consumption	29 W
End CLO power consumption	29.5 W
Inrush current	43 A
Inrush time	0.26 ms
Power Factor (Min)	0.96

Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing Material	Aluminum die-cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Aluminum
Mounting device	62P [Post-top for diameter 62 mm]
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	580 mm
Overall diameter	533 mm
Effective projected area	0.095 m ²
Color	Dark gray
Dimensions (Height x Width x Depth)	580 x NaN x NaN mm (22.8 x NaN x NaN in)

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 kV
Sustainability rating	-

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	3626 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	29 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)	
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application conditions	
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

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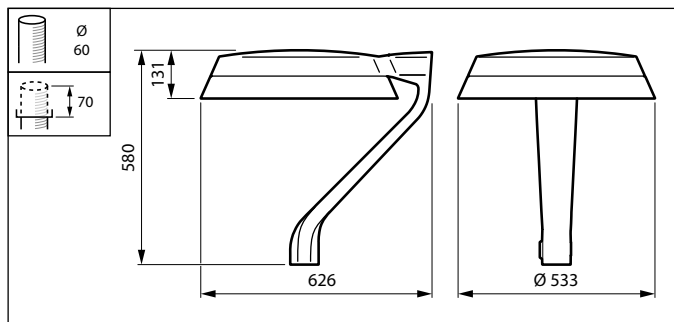
Product data

Full product code	871869949766800
Order product name	BDP271 LED50-4S/740 DS50 CLO DDF2 62P
EAN/UPC - Product	8718699497668
Order code	49766800
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024207
Net Weight (Piece)	10.500 kg



Dimensional drawing



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