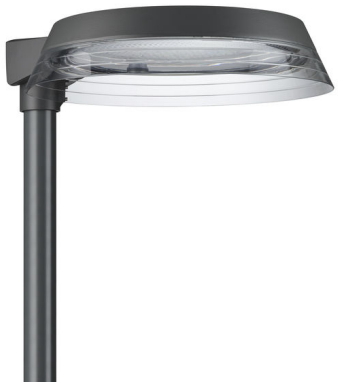

TownTune Asymmetric DR

BDP266 LED50-4S/740 DS50 DDF2 76A

TOWNTUNE ASYMMETRIC DR, LED module 5000 lm, LED, 740 neutral white, Power supply unit with DALI interface, 220 to 240 V, 50 or 60 Hz, Safety class I, Distribution symmetrical 50, Polycarbonate bowl/cover UV-resistant, Grey, Philips standard surge-protection level, Post-top for diameter 76 mm adjustable

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

General Information	
Lamp family code	LED50 [LED module 5000 lm]

Light source replaceable	Yes
Number of gear units	Unit

TownTune Asymmetric DR

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	BDP266 [TOWNTUNE ASYMMETRIC DR]
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	4,050 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	137 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	29.5 W
Power Factor (Fraction)	0.96
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
Control interface	DALI
Constant light output	No

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 76 mm adjustable
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	131 mm
Overall diameter	533 mm
Effective projected area	0.036 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 I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) 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	L97

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Order product name	BDP266 LED50-4S/740 DS50 DDF2 76A
Full product name	BDP266 LED50-4S/740 DS50 DDF2 76A
Full EOC	871869949758300
Order code	49758300
Material no. (12 NC)	912300024198
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497583
Numerator – packs per outer box	1
EAN/UPC - Case	8718699497583

TownTune Asymmetric DR

Dimensional drawing