TownTune Asymmetric DTC

BDP267 LED24-4S/740 II DM33 CLO SRT SRB

TOWNTUNE ASYMMETRIC DTC, LED Module 2400 lm, LED, 740 neutral white, Power supply unit with DALI and SystemReady interface, 220 to 240 V, 50 or 60 Hz, Safety class II, Distribution medium 33, Polycarbonate bowl/cover UV-resistant, Grey, Philips standard surge-protection level, Universal for diameter 48 to 60 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

TownTune Asymmetric DTC

General Information

Lamp family code	LED24 [LED Module 2400 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	BDP267 [TOWNTUNE ASYMMETRIC 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	1,932 lm
Standard tilt angle post-top	–
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	122 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	4° – 58° × 149°
Optic type outdoor	Distribution medium 33

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	15.8 W
Average CLO power consumption	15.8 W
End CLO power consumption	16 W
Inrush current	18 A
Inrush time	0.32 ms
Power Consumption	15.8 W
Power Factor (Fraction)	0.98
Connection	Internal connector
Cable	–
Number of products on MCB of 16 A type B	23

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	Yes

Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
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	Universal for diameter 48 to 60 mm adjustable
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	248 mm
Overall diameter	477 mm
Effective projected area	0.052 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	(0.381, 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	L100

Application Conditions

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

Product Data

Order product name	BDP267 LED24-4S/740 II DM33 CLO SRT SRB
Full product name	BDP267 LED24-4S/740 II DM33 CLO SRT SRB

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Full EOC	871869949763700
Order code	49763700
Material no. (12 NC)	912300024204
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699497637

Numerator – packs per outer box	1
EAN/UPC – Case	8718699497637

Dimensional drawing

www.lighting.philips.com

2023, April 15 – data subject to change