BDP104 LED30/740 II DM PCC SI CLO-LS-8 6

910500991024

TownGuide Performer, Urban road & street light, 19.6 W, 2204 lm, 4000 K, CRI70, Distribution medium, Safety class II, IP66, SRG6-6

Urban road & street light, Aluminum, Silver, Post-top for diameter 62 mm, Power supply unit with DynaDimmer and constant light output (integrated), Constant light output and LumiStep dimming 8 hours, 2204 lm, 19.6 W, 115 lm/W, 4000 K, (0.38, 0.38) SDCM <5, CRI70, Distribution medium, IP66 | Dust penetration-protected, jet-proof, IK10 | 20 J vandal-resistant, Safety class II, Surge protection level until 6 kV differential mode and 6 kV common mode, Screw connection block 5-pole

General Information

Lamp family code	LED30 [LED module 3000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	3
Luminous Flux	2,204 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	740 neutral white
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution medium
Effective projected area	0.053 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	19.2 W
Average CLO power consumption	19.4 W
End CLO power consumption	19.6 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	19.6 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	26
Protection class IEC	Safety class II
Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/ transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	-
Constant light output	Yes
Maximum dim level	50%
Embedded control	Constant light output and LumiStep dimming 8 hours
Photocell	-

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Mounting device	Post-top for diameter 62 mm
Optical cover shape	Narrow
Optical cover finish	Clear
Overall length	570 mm
Overall width	570 mm
Overall height	277 mm
Overall diameter	570 mm
Dimensions (Height x Width x Depth)	277 x 570 x 570 mm
Parts color	All parts colored
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover clear
Net Weight (Piece)	7.030 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +35 °C

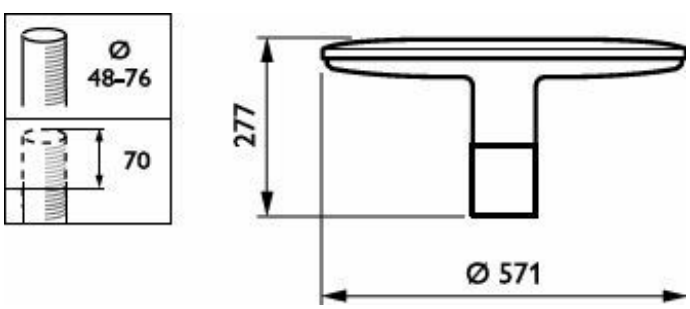
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L99
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

Dimensional drawing



Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	BDP104 LED30/740 II DM PCC SI CLO-LS-8 6
Full product name	BDP104 LED30/740 II DM PCC SI CLO-LS-8 6
Full product code	871829190623000
Order code	90623000
Material Nr. (12NC)	910500991024
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291906230
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291906230
Product family code	BDP104 [TOWNGUIDE PERFORMER T]

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	583442710146658 TownGuide BDP100 MI Nov 2021.pdf	Download
Tender text	Tender_Text_910500991024_en_BG.txt	Download

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