BDP101 LED60/830 II DM PCC SI CLO-DDF2 6

910500991014

TownGuide Performer, Urban road & street light, 46.5 W, 4424 lm, 3000 K, CRI80, Programmable (via DALI or NFC) stand-alone dimming, 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 DynaDimmer fixed presets version 2, 4424 lm, 46.5 W, 102 lm/W, 3000 K, (0.43, 0.40) SDCM <5, CRI80, 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	LED60 [LED module 6000 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	4,424 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	80
Number of light sources	8
Light source color	830 warm white
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution medium
Effective projected area	0.095 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	43.5 W
Average CLO power consumption	45 W
End CLO power consumption	46.5 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	46.5 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	10
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	Programmable (via DALI or NFC) stand-alone dimming
Constant light output	Yes
Maximum dim level	50%
Embedded control	Constant light output and DynaDimmer fixed presets version 2
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	Hemispherical
Optical cover finish	Clear
Overall length	570 mm
Overall width	570 mm
Overall height	293 mm
Overall diameter	570 mm
Dimensions (Height x Width x Depth)	293 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)	6.830 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

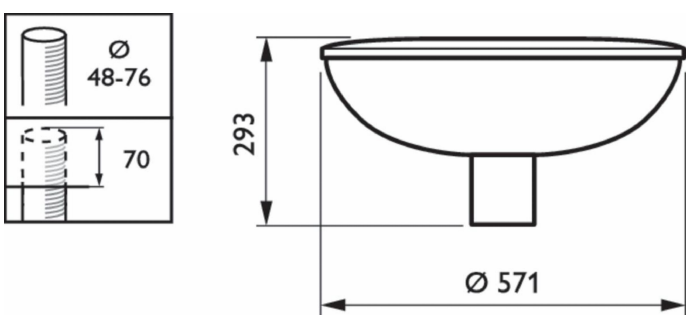
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) 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	L97
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L93

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	BDP101 LED60/830 II DM PCC SI CLO-DDF2 6
Full product name	BDP101 LED60/830 II DM PCC SI CLO-DDF2 6
Full product code	871829190613100
Order code	910500991014
Material Nr. (12NC)	910500991014
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291906131
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291906131
Product family code	BDP101 [TOWNGUIDE PERFORMER BOWL]

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	583442710146658 TownGuide BDP100 MI Nov 2021.pdf	Download
Tender text	Tender_Text_910500991014_en_AA.txt	Download

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.