ClassicStreet

BDP794 LED26-4S/740 PSU DM50 MK-WH FG BK

ClassicStreet Top, LED module 2600 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution medium 50, Flat glass, Black, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, External connector, Cable 1.0 m with plug Wieland/Adels compatible 2-pole, Post-top for diameter 60 mm

Evoking the iconic beauty of 20th-century street lanterns, Philips ClassicStreet combines elegant design with the subtle details of heritage luminaires - all while meeting today's urban lighting requirements. Designed around LED, ClassicStreet delivers outstanding levels of lighting and energy performance for street lighting or road lighting, thanks to the Philips LEDGINE-O engine and application-tailored optics. Its gently curved design, together with dedicated brackets and poles, creates a contemporary look that beautifies cities, creating distinctive and warm night and daytime ambiences. Not only in traditional architectural settings, but in modern urban environments too. This contemporary street lighting solution features a Philips System ready (SR) socket, making it future ready to be paired with standalone or advanced control and lighting software applications such as Interact from Signify. ClassicStreet luminaires can also be equipped with our dedicated light recipes that preserve dark skies. In addition, every ClassicStreet luminaire 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 programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Product data

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General Information

Lamp family code	LED26 [LED module 2600 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*–Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Product family code	BDP794 [ClassicStreet Top]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0.03
Luminous Flux	1,820 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	30° – 5° x 153°
Optic type outdoor	Distribution medium 50

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	16.2 W
Power Factor (Fraction)	0.94
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/Adels compatible 2-pole
Number of products on MCB of 16 A type B	26

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	No

Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	428 mm
Overall width	428 mm
Overall height	586 mm
Effective projected area	0.15 m²
Dimensions (Height x Width x Depth)	586 x 428 x 428 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	4 m

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
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	L98

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BDP794 LED26-4S/740 PSU DM50 MK-WH FG BK
Full product name	BDP794 LED26-4S/740 PSU DM50 MK-WH FG BK
Full product code	871869911678100

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Order code	912300023848
Material Nr. (12NC)	912300023848
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699116781

Numerator – Packs per outer box	1
EAN/UPC – Case	8718699116781

Dimensional drawing