



# ClassicStreet

## BDP794 LED42-4S/740 II DW10 MK-WH FG BK

ClassicStreet Top, LED module 4200 lm, 740 neutral white, Power supply unit regulating external with constant light output, Safety class II, Distribution wide 10, Flat glass, Black, Constant light output and DynaDimmer fixed presets version 2, Luminaire surge protection level until 10 kV differential mode and 10 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 ambiances. 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 programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

### Product data

General Information	
Lamp family code	LED42 [LED module 4200 lm]
Light source replaceable	Yes
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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BDP794 [ClassicStreet Top]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output and DynaDimmer fixed presets version 2
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	2,993 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	70
Number of light sources	20
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	52° - 7° x 151°
Optic type outdoor	Distribution wide 10
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	25 W
Average CLO power consumption	25.5 W
End CLO power consumption	26 W
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	25 W
Power Factor (Fraction)	0.97
Connection	External connector

Cable	Cable 1.0 m with plug Wieland/Adels compatible 2-pole
Number of products on MCB of 16 A type 26	
B	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating external with constant light output
Control interface	-
Constant light output	Yes
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 10 kV differential mode and 10 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
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	L100
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Application Conditions

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

Product Data

Order product name	BDP794 LED42-4S/740 II DW10 MK-WH FG BK
Full product name	BDP794 LED42-4S/740 II DW10 MK-WH FG BK

Full product code	871869911688000
Order code	912300023858
Material Nr. (12NC)	912300023858
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699116880
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699116880

Dimensional drawing

