



## **ClassicStreet**

# BDP794 LED26-4S/830 DM50 MK-WH BK CLO D9

ClassicStreet Top, LED module 2600 lm, 830 warm white, Power supply unit with DALI interface, Safety class I, Distribution medium 50, Flat glass, Black, Constant light output, 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**

Datasheet, 2023, December 5 data subject to change

### ClassicStreet

General Information		Temperature	
Lamp family code	LED26 [LED module 2600 lm]	Ambient temperature range	-40 to +50 ℃
Light source replaceable	Yes		
Number of gear units	1 unit	Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Remarks	*-Per Lighting Europe guidance paper	Driver/power unit/transformer	Power supply unit with DALI interface
	"Evaluating performance of LED based	Control interface	DALI
	luminaires - January 2018": statistically there	Constant light output	Yes
	is no relevant difference in lumen		
	maintenance between B50 and for example	Mechanical and Housing	
	B10. Therefore, the median useful life (B50)	Housing Material	Aluminum
	value also represents the B10 value.	Reflector material	<u>-</u>
Light source engine type	LED	Optic material	Polymethyl methacrylate
Product family code	BDP794 [ClassicStreet Top]	Optical cover material	Tempered glass
Lighting Technology	LED	Fixation material	Aluminum
Value ladder	Performance	Housing Color	Black
Embedded control	Constant light output	Mounting device	Post-top for diameter 60 mm
CE mark	Yes	Optical cover shape	Flat
Warranty period	5 years	Optical cover finish	Clear
Flammability mark	<del>-</del>	Overall length	428 mm
ENEC mark	ENEC mark	Overall width	428 mm
EU RoHS compliant	Yes	Overall height	586 mm
		Effective projected area	0.15 m²
Light Technical		Dimensions (Height x Width x Depth)	586 x 428 x 428 mm
Upward light output ratio	0.03		
Luminous Flux	1,746 lm	Approval and Application	
Standard tilt angle posttop	O°	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle side entry	-	Mech. impact protection code	IK09 [10 J]
Correlated Color Temperature (Nom)	3000 K	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Luminous Efficacy (rated) (Nom)	87 lm/W		differential mode and 8 kV common mode
Color rendering index (CRI)	≥80	Protection class IEC	Safety class I
Light source color	830 warm white		
Optical cover type	Flat glass	Initial Performance (IEC Compliant)	
Luminaire light beam spread	30° - 5° x 153°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium 50	Initial chromaticity	(0.430, 0.400) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220-240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compli	iant)
Initial CLO power consumption	20 W	Control gear failure rate at median useful	10 %
Average CLO power consumption	21 W	life 100000 h	
End CLO power consumption	22 W	Lumen maintenance at median useful	L100
Inrush current	22 A	life* 100000 h	
Inrush time	290 ms		
Power Consumption	20 W	<b>Application Conditions</b>	
Power Factor (Fraction)	0.96	Performance ambient temperature Tq	25 ℃
Connection	External connector	Maximum dim level	10%
Cable	Cable 1.0 m with plug Wieland/Adels		
	compatible 2-pole	Product Data	
Number of products on MCB of 16 A type	20	Order product name	BDP794 LED26-4S/830 DM50 MK-WH BK
В			CLO D9

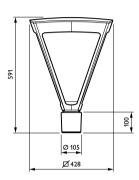
### ClassicStreet

Full product name	BDP794 LED26-4S/830 DM50 MK-WH BK	
	CLO D9	
Full product code	871869911684200	
Order code	912300023854	
Material Nr. (12NC)	912300023854	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8718699116842
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699116842

#### Dimensional drawing







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