



# **ClassicStreet**

### BDP794 LW10 LED41-4S/830 DW50 MK-WH BK D

ClassicStreet Top, CityTouch with 10 years service contract, LED module 4100 lm, 830 warm white, Power supply unit with DALI interface, Safety class I, Distribution wide 50, Flat glass, Black, 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 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 6 data subject to change

# ClassicStreet

General Information		Controls and Dimming	
Lamp family code	LED41 [LED module 4100 lm]	Dimmable	Yes
Light source replaceable	Yes	Driver/power unit/transformer	Power supply unit with DALI interface
Number of gear units	1 unit	Control interface	GPRS network
Driver included	Yes	Constant light output	No
Remarks	*-Per Lighting Europe guidance paper		
	"Evaluating performance of LED based	Mechanical and Housing	
	luminaires - January 2018": statistically there	Housing Material	Aluminum
	is no relevant difference in lumen	Reflector material	
	maintenance between B50 and for example	Optic material	Polymethyl methacrylate
	B10. Therefore, the median useful life (B50)	Optical cover material	Tempered glass
	value also represents the B10 value.	Fixation material	Aluminum
Light source engine type	LED	Housing Color	Black
Product family code	BDP794 [ClassicStreet Top]	Mounting device	Post-top for diameter 60 mm
Lighting Technology	LED	Optical cover shape	Flat
Value ladder	Performance	Optical cover finish	Clear
CE mark	Yes	Overall length	428 mm
Warranty period	5 years	Overall width	428 mm
Flammability mark		Overall height	586 mm
ENEC mark	ENEC mark	Effective projected area	0.15 m²
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	586 x 428 x 428 mm
Light Technical		Approval and Application	
Upward light output ratio	0.03	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	3,197 lm	Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Standard tilt angle side entry			differential mode and 10 kV common mode
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	96 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Light source color	830 warm white	Luminous flux tolerance	+/-7%
Optical cover type	Flat glass	Initial chromaticity	(0.430, 0.400) SDCM <5
Luminaire light beam spread	23° - 8° x 152°	Power consumption tolerance	+/-10%
Optic type outdoor	Distribution wide 50	Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical		Over Time Performance (IEC Compl	liant)
Input Voltage	220-240 V	Control gear failure rate at median useful	10 %
Line Frequency	50 to 60 Hz	life 100000 h	
Inrush current	22 A	Lumen maintenance at median useful	L93
Inrush time	290 ms	life* 100000 h	
Power Consumption	33.5 W		
Power Factor (Fraction)	0.98	Application Conditions	
Connection	External connector	Performance ambient temperature Tq	25 ℃
Cable	Cable 1.0 m with plug Wieland/Adels	Maximum dim level	10%
	compatible 2-pole		
Number of products on MCB of 16 A type	20	Product Data	
		Order product name	BDP794 LW10 LED41-4S/830 DW50 MK-WH
			BK D
Temperature		Full product name	BDP794 LW10 LED41-4S/830 DW50 MK-WH
Ambient temperature range	-40 to +50 °C		BK D
		Full product code	871869911685900
		Order code	912300023855

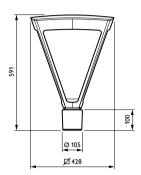
# ClassicStreet

Material Nr. (12NC)	912300023855
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699116859
Numerator - Packs per outer box	1

EAN/UPC - Case	8718699116859

#### Dimensional drawing







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