# **PHILIPS** Lighting



# **ClassicStreet**

# BDP794 LW10 LED41-4S/830 DS50 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 symmetrical 50, Flat glass, Black, Luminaire surge protection level up to 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

Recalling the iconic beauty of 20th-century street lanterns, ClassicStreet combines elegant design with the subtle details of heritage luminaires while meeting today's urban lighting requirements. Designed around LED, ClassicStreet delivers outstanding levels of lighting and energy performance thanks to its LEDGINE-O (Optimised) platform and its application-tailored optics. Its gently curved design, together with dedicated brackets and poles, creates a contemporary look that beautifies our cities and creates distinctive and warm night- and daytime ambience. Can be used in historical and traditional architectural settings, and also in more modern urban environments too. ClassicStreet is also equipped with dedicated light recipes that preserve a dark night sky.

#### Product data

General Information	
Lamp family code	LED41 [LED module 4100 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based

	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
rine type	LED

Light source engi

## ClassicStreet

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	
Upwards light output ratio	0.03
Luminous Flux	3,159 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	95 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	290 ms
Power Consumption	33.5 W
Power Factor (Fraction)	0.98
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/Adels
	compatible 2-pole

Distribution symmetrical 50

Number of products on MCB of 16 A type 20

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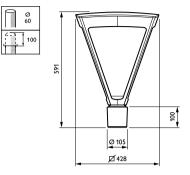
Optic type outdoor

Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	GPRS network
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass

Fixation material Housing Colour	Aluminium
Housing Colour	
	Black
Mounting device	Post-top for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens 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 up to 10 kV
	differential mode and 10 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliant	)
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.400) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	
Control gear failure rate at median usefu	l 10 %
life 100,000 h	
Lumen maintenance at median useful	L87
	L87
Lumen maintenance at median useful life* 100,000 h	L87
Lumen maintenance at median useful life* 100,000 h Application Conditions	
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Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	25 °C 10% BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D 871869911686600 11686600 912300023856
Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	25 °C 10% BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D 871869911686600 11686600 912300023856 1
Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case	25 °C 10% BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D 871869911686600 11686600 912300023856 1 8718699116866
Lumen maintenance at median useful life* 100,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	25 °C 10% BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D 871869911686600 11686600 912300023856 1

## ClassicStreet

#### Dimensional drawing





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