



ClassicStreet

BDP794 LED52-4S/830 II DW10 MK-WH GF BK

ClassicStreet Top, LED module 5200 lm, 830 warm white, Power supply unit regulating external with constant light output, Safety class II, Distribution wide 10, Glass frosted, Black, Constant light output and DynaDimmer fixed presets version 1, 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

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. Though echoing the past, the ClassicStreet luminaire is very much shaped for the future. 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 ambiences. Not only in historical and traditional architectural settings, but also in more modern urban environments too. Designed around its LED engine, ClassicStreet delivers outstanding levels of lighting and energy performance.

Product data

General Information	
Lamp family code	LED52 [LED module 5200 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

Datasheet, 2023, April 25 data subject to change

ClassicStreet

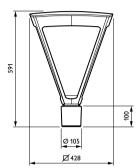
		- 	
Service tag	Yes	Mechanical and Housing	
Product family code	BDP794 [ClassicStreet Top]	Housing Material	Aluminum
Lighting Technology	LED	Reflector material	-
Value ladder	Performance	Optic material	Polymethyl methacrylate
Embedded control	Constant light output and DynaDimmer fixed	Optical cover material	Glass
	presets version 1	Fixation material	Aluminum
CE mark	Yes	Housing Color	Black
Warranty period	5 years	Mounting device	Post-top for diameter 60 mm
Flammability mark	_ -	Optical cover shape	Flat
ENEC mark	ENEC mark	Optical cover finish	Frosted
EU RoHS compliant	Yes	Overall length	428 mm
		Overall width	428 mm
Light Technical		Overall height	586 mm
Upward light output ratio	0.03	Effective projected area	0.15 m²
Luminous Flux	3,250 lm	Dimensions (Height x Width x Depth)	586 x 428 x 428 mm
Standard tilt angle posttop	-		
Standard tilt angle side entry	-	Approval and Application	
Correlated Color Temperature (Nom)	3000 K	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Efficacy (rated) (Nom)	80 lm/W	Mech. impact protection code	IK08 [5 J vandal-protected]
Color rendering index (CRI)	80	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Number of light sources	20		differential mode and 10 kV common mode
Light source color	830 warm white	Sustainability rating	Lighting for circularity
Optical cover type	Glass frosted	Protection class IEC	Safety class II
Luminaire light beam spread	52° - 7° x 151°	Photobiological risk	Photobiological risk group 1 @200mm to
Optic type outdoor	Distribution wide 10		EN62778
		Photobiological risk specification	4 m
Operating and Electrical			
Input Voltage	220-240 V	Initial Performance (IEC Compliant)
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Initial CLO power consumption	40.5 W	Initial chromaticity	(0.430, 0.400) SDCM <5
Average CLO power consumption	41.5 W	Power consumption tolerance	+/-10%
End CLO power consumption	42 W	Init. Color Rendering Index Tolerance	+/-2
Inrush current	21 A		
Inrush time	0.225 ms	Over Time Performance (IEC Comp	liant)
Power Consumption	40.5 W	Control gear failure rate at median	10 %
Power Factor (Fraction)	0.99	useful life 100000 h	
Connection	External connector	Lumen maintenance at median useful	L100
Cable	Cable 1.0 m with plug Wieland/Adels	life* 100000 h	
	compatible 2-pole		
Number of products on MCB of 16 A type	e 26	Application Conditions	
В		Performance ambient temperature Tq	25 °C
		Maximum dim level	Not applicable
Temperature			
Ambient temperature range	-40 to +50 °C	Product Data	
		Order product name	BDP794 LED52-4S/830 II DW10 MK-WH GF
Controls and Dimming			ВК
Dimmable	No	Full product name	BDP794 LED52-4S/830 II DW10 MK-WH GF
Driver/power unit/transformer	Power supply unit regulating external with		ВК
	constant light output	Full product code	871869911691000
Control interface	-	Order code	11691000
Constant light output	Yes	Material Nr. (12NC)	912300023861
		Numerator - Quantity Per Pack	1
·			

ClassicStreet

EAN/UPC - Product/Case	8718699116910
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699116910

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.