



ClassicStreet

BDP794 LED52-4S/518 DM11 MK-BK FG BK 60

ClassicStreet Top, LED module 5200 lm, 518 ClearStar WW, Power supply unit (On/Off), Safety class I, Distribution medium 11, Flat glass, Black, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, External connector, 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

General Information		Light source replaceable	Yes
Lamp family code	LED52 [LED module 5200 lm]	Number of gear units	1 unit

Datasheet, 2023, December 5 data subject to change

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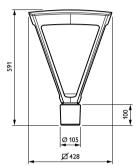
Driver included	Yes	Optic material	Polymethyl methacrylate
Remarks	* At extreme ambient temperatures the	Optical cover material	Glass
	luminaire might automatically dim down to	Fixation material	Aluminum
	protect components	Housing Color	Black
Light source engine type	LED	Mounting device	Post-top for diameter 60 mm
Service tag	Yes	Optical cover shape	Flat
Product family code	BDP794 [ClassicStreet Top]	Optical cover finish	Clear
Lighting Technology	LED	Overall length	428 mm
Value ladder	Performance	Overall width	428 mm
CE mark	Yes	Overall height	586 mm
Warranty period	5 years	Effective projected area	0.15 m²
Flammability mark	-	Dimensions (Height x Width x Depth)	586 x 428 x 428 mm
ENEC mark	ENEC mark		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP66 [Dust penetration-protected, jet-
Light Technical			proof]
Upward light output ratio	0.03	Mech. impact protection code	IK09 [10 J]
Luminous Flux	2,496 lm	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Standard tilt angle posttop	-		differential mode and 8 kV common mode
Standard tilt angle side entry	-	Sustainability rating	-
Correlated Color Temperature (Nom)	1800 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	59 lm/W	Photobiological risk	Photobiological risk group 1 @200mm to
Color rendering index (CRI)	48		EN62778
Number of light sources	20	Photobiological risk specification	4 m
Light source color	518 ClearStar WW		
Optical cover type	Flat glass	Initial Performance (IEC Compliant)	
Luminaire light beam spread	-	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium 11	Initial chromaticity	(0.430, 0.400) SDCM <5
		Power consumption tolerance	+/-7%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Complia	int)
Inrush current	43 A	Driver failure rate at 5000 h	0.1 %
Inrush time	0.26 ms	Control gear failure rate at median useful	10 %
Power Consumption	42 W	life 100000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life *	L96
Connection	External connector	100000 h	
Cable	-		
Number of products on MCB of 16 A type B	10	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	Not applicable
Ambient temperature range	-40 to +50 °C		
		Product Data	
Controls and Dimming		Order product name	BDP794 LED52-4S/518 DM11 MK-BK FG
Dimmable	No		BK 60
Driver/power unit/transformer	Power supply unit (On/Off)	Full product name	BDP794 LED52-4S/518 DM11 MK-BK FG
Control interface	-		BK 60
Constant light output	No	Full product code	871869949701900
		Order code	912300024183
Mechanical and Housing		Material Nr. (12NC)	912300024183
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718699497019

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Numerator - Packs per outer box	1
EAN/UPC - Case	8718699497019

Dimensional drawing







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