



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

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	LED41 [LED module 4100 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.
Light source engine type	LED
Product family code	BDP794 [ClassicStreet Top]
Lighting Technology	LED
Value ladder	Performance

Datasheet, 2023, April 30 data subject to change

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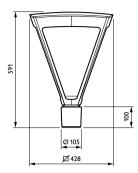
CE mark	Yes	Housing Color
Warranty period	5 years	Mounting device
Flammability mark	-	Optical cover shape
ENEC mark	ENEC mark	Optical cover finish
EU RoHS compliant	Yes	Overall length
		Overall width
Light Technical		Overall height
Upward light output ratio	0.03	Effective projected area
Luminous Flux	3,197 lm	Dimensions (Height x Width x Depth)
Standard tilt angle posttop	O°	
Standard tilt angle side entry	_	Approval and Application
Correlated Color Temperature (Nom)	3000 K	Ingress protection code
Luminous Efficacy (rated) (Nom)	96 lm/W	Mech. impact protection code
Color rendering index (CRI)	≥80	Surge Protection (Common/Differentia
Light source color	830 warm white	
Optical cover type	Flat glass	Protection class IEC
Luminaire light beam spread	23° - 8° x 152°	
Optic type outdoor	Distribution wide 50	Initial Performance (IEC Complia
		Luminous flux tolerance
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption tolerance
Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance
Inrush current	22 A	
Inrush time	290 ms	Over Time Performance (IEC Con
Power Consumption	33.5 W	Control gear failure rate at median use
Power Factor (Fraction)	0.98	life 100000 h
Connection	External connector	Lumen maintenance at median useful
Cable	Cable 1.0 m with plug Wieland/Adels	life* 100000 h
	compatible 2-pole	
Number of products on MCB of 16 A type	20	Application Conditions
В		Performance ambient temperature Tq
		Maximum dim level
Temperature		
Ambient temperature range	-40 to +50 °C	Product Data
		Order product name
Controls and Dimming		
Dimmable	Yes	Full product name
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	GPRS network	Full product code
Constant light output	No	Order code
		Material Nr. (12NC)
Mechanical and Housing		Numerator - Quantity Per Pack
Housing Material	Aluminum	EAN/UPC - Product/Case
Reflector material	-	Numerator - Packs per outer box
Optic material	Polymethyl methacrylate	EAN/UPC - Case
Optical cover material	Tempered glass	
Fixation material	Aluminum	_

Housing Color	Black	
Mounting device	Post-top for diameter 60 mm	
Optical cover shape	Flat	
Optical cover 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 until 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 Compliant)		
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful	L93	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	10%	
Product Data		
Order product name	BDP794 LW10 LED41-4S/830 DW50 MK-WH	
	BK D	
Full product name	BDP794 LW10 LED41-4S/830 DW50 MK-WH	
	BK D	
Full product code	871869911685900	
Order code	11685900	
Material Nr. (12NC)	912300023855	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699116859	
Numerator - Packs per outer box	1	
Numerator - Packs per outer box EAN/UPC - Case	1 8718699116859	

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Dimensional drawing







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