



ClassicStreet

BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D

ClassicStreet Top, CityTouch with 10 years service contract, LED module 1500 lm, 740 neutral 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	LED15 [LED module 1500 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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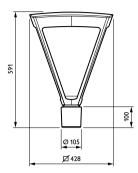
		_
CE mark	Yes	Housing Color
Warranty period	5 years	Mounting device
Flammability mark	-	Optical cover shape
ENEC mark	ENEC mark	Optical cover finish
EU RoHS compliant	Yes	Overall length
		Overall width
Light Technical		Overall height
Upward light output ratio	0.03	Effective projected area
Luminous Flux	1,212 lm	Dimensions (Height x Wid
Standard tilt angle posttop	0°	
Standard tilt angle side entry		Approval and Applica
Correlated Color Temperature (Nom)	4000 K	Ingress protection code
Luminous Efficacy (rated) (Nom)	101 lm/W	Mech. impact protection of
Color rendering index (CRI)	≥70	Surge Protection (Commo
Light source color	740 neutral 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 (IE
		Luminous flux tolerance
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption tolera
Line Frequency	50 to 60 Hz	Init. Color Rendering Inde
Inrush current	22 A	_
Inrush time	290 ms	Over Time Performan
Power Consumption	12 W	Control gear failure rate a
Power Factor (Fraction)	0.87	life 100000 h
Connection	External connector	Lumen maintenance at m
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 Condition
В		Performance ambient ten
		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
Housing Material	Aluminum	EAN/UPC - Product/Case
Reflector material	-	Numerator - Packs per ou
Optic material	Polymethyl methacrylate	EAN/UPC - Case
Optical cover material	Tempered glass	
Optical cover material		

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	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	iant)
Over Time Performance (IEC Compliance) Control gear failure rate at median useful	
Control gear failure rate at median useful	
Control gear failure rate at median useful life 100000 h	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	10 % L94
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	10 % L94 25 ℃
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Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	10 % L94 25 °C 10%
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D 871869911687300
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D 871869911687300 11687300
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code Material Nr. (12NC)	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D 871869911687300 11687300 912300023857
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D 871869911687300 11687300 912300023857 1
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	10 % L94 25 °C 10% BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D BDP794 LW10 LED15-4S/740 DW50 MK-WH BK D 871869911687300 912300023857 1 8718699116873

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Dimensional drawing







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