



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		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.
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	
Light source engine type		LED

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°
Optic type outdoor	Distribution symmetrical 50

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
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +50 °C
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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	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 Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L87

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Order product name	BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D
Full product name	BDP794 LW10 LED41-4S/830 DS50 MK-WH BK D
Full EOC	871869911686600
Order code	11686600
Material no. (12 NC)	912300023856
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699116866
Numerator – packs per outer box	1
EAN/UPC – Case	8718699116866

Dimensional drawing

