



ClassicStreet

BDP794 LED96-4S/830 II DS50 MK-BK BK D9

ClassicStreet Top - LED module 9600lm -830 warm white - Power supplyunit regulating -Safety classII-Distribution symmetrical 50-Mask white -Flat glass -Black -Dimming via externalcommunication DALI-Luminaire surgeprotection level until 6kVdifferential mode and 8kVcommon mode -External connector - Cable 1.0 m with plug Wieland/Adels compatible 2-pole - Post-top for diameter 60-76 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 (Optimized) 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 ambiances. Not only in historical and traditional architectural settings, but also in more modern urban environments too. ClassicStreet is also equipped with dedicated light recipe that preserves a dark night sky.

Product data

General Information			
Lamp family code	LED96 [LED module 9600 lm]	Driver included	Yes
Lamp version	4S [4th generation, screw fixation]	Optical element	Mask white
Light source color	830 warm white	Optical cover/lens type	Flat glass
Light source replaceable	Yes	Luminaire light beam spread	symmetrical 50
Number of gear units	1 unit	Control interface	DALI
Driver/power unit/transformer	Power supply unit regulating, CLO option	Light regulation	Dimming via external communication DALI
		Connection	External connector

Cable	Cable 1.0 m with plug Wieland/Adels compatible 2-pole
Protection class IEC	Safety class II
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution symmetrical 50
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
Constant light output	Yes
Number of products on MCB of 16 A type B	20
RoHS mark	RoHS mark
Light source engine type	LED
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Product family code	BDP794 [ClassicStreet Top]

Light Technical

Upward light output ratio	0.03
Standard tilt angle posttop	0°
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	250 ms
Power Factor (Min)	0.98

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass

Fixation material	Aluminum
Mounting device	Post-top for diameter 60 - 76 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

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 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	6336 lm
Luminous flux tolerance	+/- 7%
Initial LED luminaire efficacy	85 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.380, 0.380) SDCM 5
Initial input power	74 W
Power consumption tolerance	+/- 11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L89B10 @ 100000 hours

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Full product code	
Order product name	BDP794 LED96-4S/830 II DS50 MK-BK BK D9
EAN/UPC - Product	
Order code	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	
Net Weight (Piece)	10.950 kg

Polar intensity diagram

