



# ClassicStreet

## BDP794 LED42-4S/740 II DS50 MK-WH FG BK

ClassicStreet Top - LED module 4200 lm - 740 neutral white - Power supply unit regulating - Safety class II (II) - Distribution symmetrical 50 - Mask white - Flat glass - Black - Dimming via external communication DALI - Luminaire surge protection level until 6 kV differential mode and 8 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 (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		Driver/power unit/transformer	
Number of light sources	20 [ 20 pcs]	Driver included	PSR [ Power supply unit regulating]
Lamp family code	LED42 [ LED module 4200 lm]	Optical element	Yes
Lamp version	4S [ 4th generation, screw fixation]	Optical cover/lens type	Mask white
Light source color	740 neutral white	Luminaire light beam spread	FG [ Flat glass]
Light source replaceable	Yes	Control interface	152° x 155°
Number of gear units	1 unit	Light regulation	DALI
			Dimming via external communication DALI

Connection	CE [ External connector]
Cable	Cable 1.0 m with plug Wieland/Adels compatible 2-pole
Protection class IEC	Safety class II (II)
Flammability mark	NO [-]
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	No
Number of products on MCB of 16 A type B	26
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	4 m
EU RoHS compliant	Yes
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	-
Standard tilt angle side entry	-

## Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Factor (Min)	0.97

## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate

Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	60P [ 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 m <sup>2</sup>
Color	Black
Dimensions (Height x Width x Depth)	586 x 428 x 428 mm (23.1 x 16.9 x 16.9 in)

## 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
Sustainability rating	-

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	2898 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	111 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	26 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over time performance (IEC compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

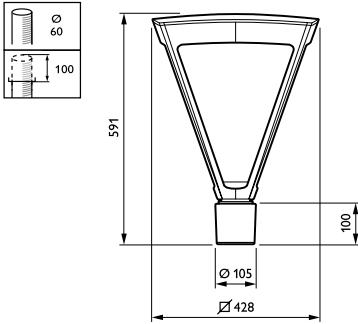
## Application conditions

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

## Product data

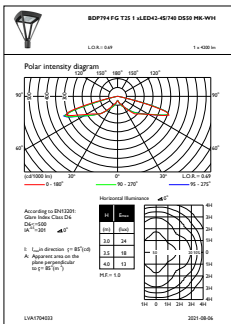
Full product code	871869911682800
Order product name	BDP794 LED42-4S/740 II DS50 MK-WH FG BK
EAN/UPC - Product	8718699116828
Order code	11682800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023852
Net Weight (Piece)	10.000 kg

Dimensional drawing

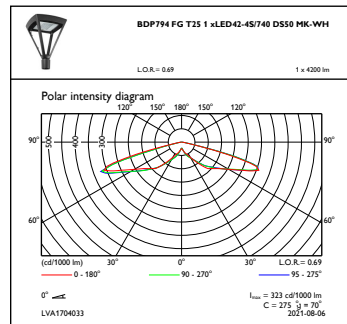


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Photometric data



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OFPC1\_BDP794FGT251xLED42-4S740DS50MK-WH

