



# ClassicStreet - Echoing the past, shaped for the future

## ClassicStreet

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.

### Benefits

- Distinctive contemporary design inspired by traditional street lanterns
- Best-in-class lighting and energy performance thanks to its LEDGINE -O (Optimized Platform) and tailored optics
- Fits both traditional and historical architectural settings as well as more modern environments
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

### Features

- Available in post-top and suspended versions
- Dedicated ClassicStreet brackets and poles
- Compatible with all Philips standard and advanced public lighting systems
- Optimized optics to deliver efficient and comfortable lighting levels
- Philips Service Tag

## Application

- City centers
- Roads and streets
- Residential areas
- Parks and plazas

## Specifications

<b>Type</b>	BDP794 (post-top version with spigot for retrofit) BSP794 (suspended version for retrofit) BPP794 (post-top version for ClassicStreet dedicated bracket) BVP794 (suspended version for ClassicStreet dedicated bracket)
<b>Light source</b>	Integral LED-module
<b>Power</b>	12 W-82 W (warm white) 12 W-73 W (neutral white) depending on LED configuration
<b>Luminous flux</b>	1000 to 10,000 lm depending on LED configuration
<b>Luminaire efficacy</b>	Up to 130 lm/W
<b>Correlated Color</b>	3000 K, warm white (WW)
<b>Temperature</b>	4000 K, neutral white (NW)
<b>Color Rendering Index</b>	> 80 (3000 K) > 70 (4000 K)
<b>Lumen maintenance at median useful life* 100000 h</b>	up to L95
<b>Control gear failure rate at median useful life 100000 h</b>	10%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-20 to +50 °C
<b>Driver</b>	40 W: 22 A/340 µs; 75W: 46 A/250 µs; 150 W: 53 A/300 µs
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	CLO Mains dimming (AmpDim) DynaDimmer Lumistep

<b>Controls system input</b>	1-10 V DALI
<b>Optic</b>	DM11, DM30, DM31, DM50, DM70, DN10, DN11, DPL1, DPR1, DS50, DW10, DW50, DX10, DX50, DX51, DX70
<b>Optical cover</b>	Tempered flat glass clear (FG) Diffusing flat glass (GF) (optional)
<b>Material</b>	Housing: extruded aluminum, non corrosive Flat glass: Tempered Gasket: silicon rubber heat resistant Optics: plastic (PMMA)
<b>Color</b>	Black N9 (MN332L) or Philips ultra-dark grey Other RAL and AKZO Futura colors available on request
<b>Maintenance</b>	Maintenance Access to the driver compartment, 8 screws
<b>Installation</b>	Post-top mounting: Ø 60-76 mm ClassicStreet dedicated brackets Recommended mounting height: 4-6 m Max SCx: 0.175 m
<b>Accessories</b>	JGB794 (ClassicStreet bracket suspended) JGB795 (ClassicStreet bracket post top)
<b>SR compatibility</b>	For SR based luminaires only SR Certified components/sensors are to be used (see also: <a href="http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting?">http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting?</a> ). Functional compatibility of 2 (SR certified) components/sensors to be used in combination as well as override possibility of any lineswitch function used in a SR based luminaire, is to be released by the master component/sensor supplier. For the use of NEMA 7pin socket on a SR based luminaire a full system verification is required. Not following these advises can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.

# ClassicStreet

## Versions



ClassicStreet Top

## Product details



ClassicStreet-BDP794-1DPP.tif



ClassicStreet-BDP794-2DPP.tif



ClassicStreet-BDP794-3DPP.tif



ClassicStreet-BDP794-4DPP.tif



ClassicStreet-BDP794-5DPP.tif



ClassicStreet-BDP794-6DPP.tif

Product details



ClassicStreet-BDP794-7DPP.tif



ClassicStreet-BDP794-8DPP.tif

General Information

CE mark	CE mark
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	NO
Lamp version	4S
Number of gear units	1 unit
Number of light sources	20
Optical element	Mask white
Product Family Code	BDP794

Light Technical

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

Mechanical and Housing

Color	Black
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Application Conditions

Order Code	Full Product Name	Maximum dim level
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	-
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	-
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	10%
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	-
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	-
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	-
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	-

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	IK08	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	IK08	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	IK09	Luminaire surge protection level until 6 kV differential

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	IK09	Surge protection level until 10 kV
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	IK09	Surge protection level until 10 kV
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	IK09	Surge protection level until 10 kV
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	IK08	Surge protection level until 10 kV

Controls and Dimming

Order Code	Full Product Name	Dimmable
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	No
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	Yes
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	No

Order Code	Full Product Name	Dimmable
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	No
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	No
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	No

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/ lens type	Lamp family code
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	152° x 155°	740 neutral white	GF	LED53
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	152° x 155°	830 warm white	GF	LED52
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	152° x 155°	740 neutral white	FG	LED42
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	FG	LED42

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/ lens type	Lamp family code
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	FG	LED53
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	FG	LED63
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	52° - 7° x 151°	830 warm white	GF	LED52

General Information (2/2)

Order Code	Full Product Name	Light source replaceable	Optic type
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No	Distribution symmetrical 50
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	No	Distribution symmetrical 50
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	Yes	Distribution symmetrical 50
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10

Order Code	Full Product Name	Light source replaceable	Optic type
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	Yes	Distribution wide 10

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
11679800	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	4000 K	≥70	3348 lm
11680400	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	3000 K	≥80	3172 lm
11682800	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	4000 K	≥70	2898 lm
11688000	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	2920 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
11689700	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	3577 lm
11690300	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	4176 lm
11691000	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	3000 K	≥80	3055 lm

