



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

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

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

Controls system input	1-10 V DALI
Optic	DM11, DM30, DM31, DM50, DM70, DN10, DN11, DPL1, DPR1, DS50, DW10, DW50, DX10, DX50, DX51, DX70
Optical cover	Tempered flat glass clear (FG) Diffusing flat glass (GF) (optional)
Material	Housing: extruded aluminum, non corrosive Flat glass: Tempered Gasket: silicon rubber heat resistant Optics: plastic (PMMA)
Color	Black N9 (MN332L) or Philips ultra-dark grey Other RAL and AKZO Futura colors available on request
Maintenance	Maintenance Access to the driver compartment, 8 screws
Installation	Post-top mounting: Ø 60-76 mm ClassicStreet dedicated brackets Recommended mounting height: 4-6 m Max SCx: 0.175 m
Accessories	JGB794 (ClassicStreet bracket suspended) JGB795 (ClassicStreet bracket post top)
SR compatibility	For SR based luminaires only SR Certified components/sensors are to be used (see also: http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting?). 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



ClassicStreet with ClearStar light recipe

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	-
Lamp version	4S
Number of gear units	1 unit
Product Family Code	BDP794

Light Technical

Standard tilt angle side entry	-
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
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	-
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	-
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	-
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	10%
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	-
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	-
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	-
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	-
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	-
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	-

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
912300023849	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
912300023850	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
912300023851	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
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	IK09	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	IK09	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	IK09	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	IK09	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	IK08	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	IK09	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	IK09	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	No
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	Yes
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	No

Order Code	Full Product Name	Dimmable
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	No
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	No
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	No
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	No
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	No

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/ lens type	Lamp family code
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	152° x 155°	740 neutral white	Glass frosted	LED53
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	152° x 155°	830 warm white	Glass frosted	LED52
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	152° x 155°	740 neutral white	Glass frosted	LED53
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	152° x 155°	740 neutral white	Flat glass	LED42
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	Flat glass	LED42
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	Flat glass	LED53

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/ lens type	Lamp family code
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	52° - 7° x 151°	740 neutral white	Flat glass	LED63
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	52° - 7° x 151°	830 warm white	Glass frosted	LED52
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	-	518 ClearStar WW	Clear flat	LED52
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	-	420 ClearStar NW	Clear flat	LED53

General Information (2/2)

Order Code	Full Product Name	Light source replaceable	Optic type	Optical element
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No	Distribution symmetrical 50	Mask white
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	No	Distribution symmetrical 50	Mask white
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	No	Distribution symmetrical 50	Mask white
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	Yes	Distribution symmetrical 50	Mask white
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10	Mask white

Order Code	Full Product Name	Light source replaceable	Optic type	Optical element
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10	Mask white
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	Yes	Distribution wide 10	Mask white
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	Yes	Distribution wide 10	Mask white
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	Yes	Distribution medium 11	Mask black
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	Yes	Distribution medium 11	Mask black

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	4000 K	≥70	3348 lm
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	3000 K	≥80	3172 lm
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	4000 K	≥70	3348 lm
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	4000 K	≥70	2898 lm
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	3066 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	3942 lm
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	4000 K	≥70	4608 lm
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	3000 K	≥80	3380 lm
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	1800 K	48	2496 lm
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	2000 K	36	2592 lm

Light Technical

Order Code	Full Product Name	Standard tilt angle posttop
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	0°
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	0°
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	0°
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH BK D9	0°
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH BK CLO	0°

Order Code	Full Product Name	Standard tilt angle posttop
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH BK CLO	0°
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH BK CLO	0°
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	0°
912300024183	BDP794 LED52-4S/518 PSU DM11 MK-BK BK 60	-
912300024188	BDP794 LED53-4S/420 PSU DM11 MK-BK BK 60	-

