# **PHILIPS** Lighting



# Philips ClassicStreet: echoing the past, shaped for the future

# ClassicStreet

Evoking the iconic beauty of 20th-century street lanterns, Philips ClassicStreet combines elegant design with the subtle details of heritage luminaires - all while meeting today's urban lighting requirements. Designed around LED, ClassicStreet delivers outstanding levels of lighting and energy performance for street lighting or road lighting, thanks to the Philips LEDGINE-O engine and application-tailored optics. Its gently curved design, together with dedicated brackets and poles, creates a contemporary look that beautifies cities, creating distinctive and warm night and daytime ambiences. Not only in traditional architectural settings, but in modern urban environments too. This contemporary street lighting solution features a Philips System ready (SR) socket, making it future ready to be paired with standalone or advanced control and lighting software applications such as Interact from Signify. ClassicStreet luminaires can also be equipped with our dedicated light recipes that preserve dark skies. In addition, every ClassicStreet luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

#### Benefits

- Distinctive contemporary design inspired by traditional street lanterns
- Best-in-class lighting and energy performance with LEDGINE-O and tailored optics
- Suits traditional, historical architectural settings as well as modern environments
- $\cdot$  Service tag for easy installation and maintenance

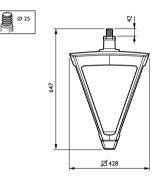
#### Features

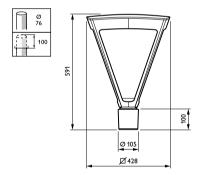
- Available in post-top lighting and suspended lighting versions
- $\cdot$  Dedicated ClassicStreet brackets and poles
- $\cdot$  Optimized optics for efficient and comfortable lighting levels
- SR socket ready to be paired with Philips standard and advanced lighting controls

#### Application

- $\cdot$  Road and Street
- Parks and Plazas
- Residential
- $\cdot$  Main urban roads and streets, side and residential roads and streets
- $\cdot$  City centers and historical areas
- $\cdot$  Cycle and pedestrian paths, squares, parks and playgrounds

#### **Dimensional drawing**





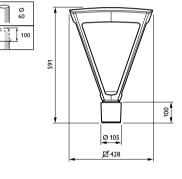
#### **Product details**



ClassicStreet-BSP794-DPP-MK-WH



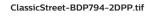
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#### **Product details**









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ClassicStreet-BSP794-DPP-MK-BK

General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	-
Number of gear units	1 unit
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.03
Mechanical and Housing	
Housing Color	Black
Approval and Application	
Ingress protection code	IP66

#### **General Information**

		Lamp		Product	
		family	Light source	family	Service
Order Code	Full Product Name	code	replaceable	code	tag
912300023849	BDP794 LED53-4S/740 PSU II DS50	LED53	No	BDP794	-
	MK-WH GF				
912300023850	BDP794 LED52-4S/830 PSU II DS50	LED52	No	BDP794	-
	MK-WH GF				
912300023851	BDP794 LED53-4S/740 PSU II DS50	LED53	No	BDP794	-
	MK-WH GF				
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH	LED42	Yes	BDP794	-
	FG BK				
912300023858	BDP794 LED42-4S/740 II DW10 MK-	LED42	Yes	BDP794	-
	WH FG BK				
912300023859	BDP794 LED53-4S/740 II DW10 MK-	LED53	Yes	BDP794	Yes
	WH FG BK				
912300023860	BDP794 LED63-4S/740 II DW10 MK-	LED63	Yes	BDP794	Yes
	WH FG BK				
912300023861	BDP794 LED52-4S/830 II DW10 MK-	LED52	Yes	BDP794	Yes
	WH GF BK				
912300060035	BDP794 LED63-4S/740 DM70 MK-WH	LED63	Yes	BDP794	Yes
	FG BK D9				
912300060036	BDP794 LED63-4S/740 DM50 MK-WH	LED63	Yes	BDP794	Yes
	GF BK D9				
912300060033	BDP794 LED63-4S/740 DM70 MK-BK	LED63	Yes	BDP794	Yes
	FG BK D9				
912300060034	BDP794 LED63-4S/740 DM50 MK-BK	LED63	Yes	BDP794	Yes
	GF BK D9				
912300060039	BSP794 LED63-4S/740 DM70 MK-WH	LED63	Yes	BSP794	Yes
	FG BK D9				
912300060040	BSP794 LED63-4S/740 DM50 MK-WH	LED63	Yes	BSP794	Yes
	GF BK D9				
912300024183	BDP794 LED52-4S/518 DM11 MK-BK FG	LED52	Yes	BDP794	Yes
	BK 60				
912300024188	BDP794 LED53-4S/420 DM11 MK-BK	LED53	Yes	BDP794	Yes
	FG BK 60				
912300060037	BSP794 LED63-4S/740 DM70 MK-BK	LED63	Yes	BSP794	Yes
	FG BK D9				
912300060038	BSP794 LED63-4S/740 DM50 MK-BK	LED63	Yes	BSP794	Yes
	GF BK D9				

#### Light Technical (1/2)

				Correlated						Correlated	
		Luminaire	Light	Color	Optical			Luminaire	Light	Color	Optical
	Full Product	light beam	source	Temperature	cover		Full Product	light beam	source	Temperature	cover
Order Code	Name	spread	color	(Nom)	type	Order Code	Name	spread	color	(Nom)	type
912300023849	BDP794	152° x 155°	740	4000 K	Glass	912300023850	BDP794	152° x 155°	830 warm	3000 K	Glass
	LED53-4S/740		neutral		frosted		LED52-4S/830		white		frosted
	PSU II DS50 MK-		white				PSU II DS50 MK-				
	WH GF						WH GF				

				Correlated						Correlated	
		Luminaire	Light	Color	Optical			Luminaire	Light	Color	Optical
	Full Product	light beam	source	Temperature	cover		Full Product	light beam	source	Temperature	cover
Order Code	Name	spread	color	(Nom)	type	Order Code	Name	spread	color	(Nom)	type
912300023851	BDP794	152° x 155°	740	4000 K	Glass	912300060033	BDP794	-	740	4000 K	Flat
	LED53-4S/740		neutral		frosted		LED63-4S/740		neutral		glass
	PSU II DS50 MK-		white				DM70 MK-BK FG		white		
	WH GF						BK D9				
912300023852	BDP794	152° x 155°	740	4000 K	Flat	912300060034	BDP794	30° - 5° x	740	4000 K	Glass
	LED42-4S/740 II		neutral		glass		LED63-4S/740	153°	neutral		frosted
	DS50 MK-WH FG		white				DM50 MK-BK GF		white		
	BK						BK D9				
912300023858	BDP794	52° - 7° x 151°	740	4000 K	Flat	912300060039	BSP794	-	740	4000 K	Flat
	LED42-4S/740 II		neutral		glass		LED63-4S/740		neutral		glass
	DW10 MK-WH		white				DM70 MK-WH		white		
	FG BK						FG BK D9				
912300023859	BDP794	52° - 7° x 151°	740	4000 K	Flat	912300060040	BSP794	30° - 5° x	740	4000 K	Glass
	LED53-4S/740 II		neutral		glass		LED63-4S/740	153°	neutral		frosted
	DW10 MK-WH		white				DM50 MK-WH		white		
	FG BK						GF BK D9				
912300023860	BDP794	52° - 7° x 151°	740	4000 K	Flat	912300024183	BDP794	-	518	1800 K	Flat
	LED63-4S/740 II		neutral		glass		LED52-4S/518		ClearStar		glass
	DW10 MK-WH		white				DM11 MK-BK FG		WW		
	FG BK						BK 60				
912300023861	BDP794	52° - 7° x 151°	830 warm	3000 K	Glass	912300024188	BDP794	-	420	2000 K	Flat
	LED52-4S/830 II		white		frosted		LED53-4S/420		ClearStar		glass
	DW10 MK-WH						DM11 MK-BK FG		NW		
	GF BK						BK 60				
912300060035	BDP794	-	740	4000 K	Flat	912300060037	BSP794	-	740	4000 K	Flat
	LED63-4S/740		neutral		glass		LED63-4S/740		neutral		glass
	DM70 MK-WH		white				DM70 MK-BK FG		white		
	FG BK D9						BK D9				
912300060036	BDP794	30° - 5° x	740	4000 K	Glass	912300060038	BSP794	30° - 5° x	740	4000 K	Glass
	LED63-4S/740	153°	neutral		frosted		LED63-4S/740	153°	neutral		frosted
	DM50 MK-WH		white				DM50 MK-BK GF		white		
	GF BK D9						BK D9				

#### Light Technical (2/2)

		Color						Color			
		rendering		Number				rendering		Number	
	Full Product	index	Luminous	of light	Optic type		Full Product	index	Luminous	of light	Optic type
Order Code	Name	(CRI)	Flux	sources	outdoor	Order Code	Name	(CRI)	Flux	sources	outdoor
912300023849	BDP794	70	3,348 lm	20	Distribution	912300023851	BDP794	70	3,348 lm	20	Distribution
	LED53-4S/740				symmetrical		LED53-4S/740				symmetrical
	PSU II DS50 MK-				50		PSU II DS50 MK-				50
	WH GF						WH GF				
912300023850	BDP794	80	3,172 lm	20	Distribution	912300023852	BDP794	70	2,898 lm	20	Distribution
	LED52-4S/830				symmetrical		LED42-4S/740 II				symmetrical
	PSU II DS50 MK-				50		DS50 MK-WH FG				50
	WH GF						BK				
						912300023858	BDP794	70	2,993 lm	20	Distribution
							LED42-4S/740 II				wide 10

		Color						Color	Color	Color
		rendering		Number				rendering		
	Full Product	index	Luminous	of light	Optic type		Full Product	Full Product index	Full Product index Luminous	Full Product index Luminous of light
order Code	Name	(CRI)	Flux	sources	outdoor	Order Code	Order Code Name	Order Code Name (CRI)	Order Code Name (CRI) Flux	Order Code Name (CRI) Flux sources
	DW10 MK-WH FG					912300060039	912300060039 BSP794	912300060039 BSP794 70	912300060039 BSP794 70 4,352 lm	912300060039 BSP794 70 4,352 lm -
	BK						LED63-4S/740	LED63-4S/740	LED63-4S/740	LED63-4S/740
912300023859	BDP794	70	3,796 lm	20	Distribution		DM70 MK-WH FG	DM70 MK-WH FG	DM70 MK-WH FG	DM70 MK-WH FG
	LED53-4S/740 II				wide 10		BK D9	BK D9	BK D9	BK D9
	DW10 MK-WH FG					912300060040	912300060040 BSP794	912300060040 BSP794 70	912300060040 BSP794 70 3,904 lm	912300060040 BSP794 70 3,904 lm -
	ВК						LED63-4S/740	LED63-4S/740	LED63-4S/740	LED63-4S/740
912300023860	BDP794	70	4,320 lm	20	Distribution		DM50 MK-WH GF	DM50 MK-WH GF	DM50 MK-WH GF	DM50 MK-WH GF
	LED63-4S/740 II				wide 10		BK D9	BK D9	BK D9	BK D9
	DW10 MK-WH FG					912300024183			· · · · · · · · · · · · · · · · · · ·	
	BK						LED52-4S/518	,	,	,
912300023861	BDP794	80	3,250 lm	20	Distribution		DM11 MK-BK FG			
	LED52-4S/830 II				wide 10		BK 60			
	DW10 MK-WH GF					912300024188				
	BK						LED53-4S/420			
912300060035		70	4,352 lm	-	Distribution		DM11 MK-BK FG			
	LED63-4S/740				medium 70		BK 60			
	DM70 MK-WH FG					912300060037	912300060037 BSP794			
	BK D9	70	2.00.41				LED63-4S/740	,	,	,
912300060036		70	3,904 lm	-	Distribution		DM70 MK-BK FG			
	LED63-4S/740 DM50 MK-WH GF				medium 50	012200000028	BK D9			
	BK D9					912300060038	912300060038 BSP794 LED63-4S/740			
912300060033		70	4,288 lm		Distribution		LED63-45/740 DM50 MK-BK GF	,	,	,
912300060033		70	4,288 lm	-						
	LED63-4S/740				medium 70		BK D9	BK D9	BK Da	BK D9
	DM70 MK-BK FG									
012200000001	BK D9	70	2.0.40 las		Distribution					
912300060034		70	3,840 lm	-	Distribution					
	LED63-4S/740				medium 50					

#### **Operating and Electrical**

DM50 MK-BK GF

BK D9

Order Code	Full Product Name	Power Consumption
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	33 W
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	42 W
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	33 W
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH FG BK	26 W
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH FG BK	25 W
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH FG BK	32 W
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH FG BK	38.5 W
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	40.5 W
912300060035	BDP794 LED63-4S/740 DM70 MK-WH FG BK	40 W
	D9	

Order Code	Full Product Name	Power Consumption
912300060036	BDP794 LED63-4S/740 DM50 MK-WH GF BK	40 W
	D9	
912300060033	BDP794 LED63-4S/740 DM70 MK-BK FG BK D9	40 W
912300060034	BDP794 LED63-4S/740 DM50 MK-BK GF BK D9	40 W
912300060039	BSP794 LED63-4S/740 DM70 MK-WH FG BK D9	40 W
912300060040	BSP794 LED63-4S/740 DM50 MK-WH GF BK D9	40 W
912300024183	BDP794 LED52-4S/518 DM11 MK-BK FG BK 60	42 W
912300024188	BDP794 LED53-4S/420 DM11 MK-BK FG BK 60	33 W
912300060037	BSP794 LED63-4S/740 DM70 MK-BK FG BK D9	40 W
912300060038	BSP794 LED63-4S/740 DM50 MK-BK GF BK D9	40 W

#### **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 FG BK	Yes
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH FG BK	No
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH FG BK	No
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH FG BK	No
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	No
912300060035	BDP794 LED63-4S/740 DM70 MK-WH FG BK D9	Yes

Order Code	Full Product Name	Dimmable
912300060036	BDP794 LED63-4S/740 DM50 MK-WH GF BK D9	Yes
912300060033	BDP794 LED63-4S/740 DM70 MK-BK FG BK D9	Yes
912300060034	BDP794 LED63-4S/740 DM50 MK-BK GF BK D9	Yes
912300060039	BSP794 LED63-4S/740 DM70 MK-WH FG BK D9	Yes
912300060040	BSP794 LED63-4S/740 DM50 MK-WH GF BK D9	Yes
912300024183	BDP794 LED52-4S/518 DM11 MK-BK FG BK 60	No
912300024188	BDP794 LED53-4S/420 DM11 MK-BK FG BK 60	No
912300060037	BSP794 LED63-4S/740 DM70 MK-BK FG BK D9	Yes
912300060038	BSP794 LED63-4S/740 DM50 MK-BK GF BK D9	Yes

Mech.

#### Approval and Application

		Mech. impact	
		protection	Surge Protection (Common/
Order Code	Full Product Name	code	Differential)
912300023849	BDP794 LED53-4S/740		Luminaire surge protection level
512500025045	PSU II DS50 MK-WH GF	intoo	until 6 kV differential mode and
	F30 II D330 Mik-WIT GF		8 kV common mode
012200022850	BDP794 LED52-4S/830	11/09	Luminaire surge protection level
912300023830	PSU II DS50 MK-WH GF	IKUo	until 6 kV differential mode and
	PSU II DS50 MK-WH GF		
010000000051			8 kV common mode
912300023851	BDP794 LED53-4S/740	IK08	Luminaire surge protection level
	PSU II DS50 MK-WH GF		until 6 kV differential mode and
			8 kV common mode
912300023852	BDP794 LED42-4S/740	IK09	Luminaire surge protection level
	II DS50 MK-WH FG BK		until 6 kV differential mode and
			8 kV common mode
912300023858	BDP794 LED42-4S/740	IK09	Luminaire surge protection level
	II DW10 MK-WH FG BK		until 10 kV differential mode
			and 10 kV common mode
912300023859	BDP794 LED53-4S/740	IK09	Luminaire surge protection level
	II DW10 MK-WH FG BK		until 10 kV differential mode
			and 10 kV common mode
912300023860	BDP794 LED63-4S/740	IK09	Luminaire surge protection level
	II DW10 MK-WH FG BK		until 10 kV differential mode
			and 10 kV common mode
912300023861	BDP794 LED52-4S/830	IK08	Luminaire surge protection level
	II DW10 MK-WH GF BK		until 10 kV differential mode
			and 10 kV common mode
912300060035	BDP794 LED63-4S/740	IK09	Luminaire surge protection level
	DM70 MK-WH FG BK		until 6 kV differential mode and
	D9		8 kV common mode

		impact	
		protection	Surge Protection (Common/
Order Code	Full Product Name	code	Differential)
912300060036	BDP794 LED63-4S/740	IK08	Luminaire surge protection level
	DM50 MK-WH GF BK		until 6 kV differential mode and
	D9		8 kV common mode
912300060033	BDP794 LED63-4S/740	IK09	Luminaire surge protection level
	DM70 MK-BK FG BK		until 6 kV differential mode and
	D9		8 kV common mode
912300060034	BDP794 LED63-4S/740	IK08	Luminaire surge protection level
	DM50 MK-BK GF BK		until 6 kV differential mode and
	D9		8 kV common mode
912300060039	BSP794 LED63-4S/740	IK09	Luminaire surge protection level
	DM70 MK-WH FG BK		until 6 kV differential mode and
	D9		8 kV common mode
912300060040	BSP794 LED63-4S/740	IK08	Luminaire surge protection level
	DM50 MK-WH GF BK		until 6 kV differential mode and
	D9		8 kV common mode
912300024183	BDP794 LED52-4S/518	IK09	Luminaire surge protection level
	DM11 MK-BK FG BK 60		until 6 kV differential mode and
			8 kV common mode
912300024188	BDP794 LED53-4S/420	IK09	Luminaire surge protection level
	DM11 MK-BK FG BK 60		until 6 kV differential mode and
			8 kV common mode
912300060037	BSP794 LED63-4S/740	IK09	Luminaire surge protection level
	DM70 MK-BK FG BK		until 6 kV differential mode and
	D9		8 kV common mode
912300060038	BSP794 LED63-4S/740	IK08	Luminaire surge protection level
	DM50 MK-BK GF BK		until 6 kV differential mode and
	D9		8 kV common mode

#### Over Time Performance (IEC Compliant)

		Driver failure rate
Order Code	Full Product Name	at 5000 h
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	-

		Driver failure rate
Order Code	Full Product Name	at 5000 h
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH FG BK	-
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH FG BK	-
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH FG BK	-

		Driver failure rate
Order Code	Full Product Name	at 5000 h
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH FG BK	-
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	-
912300060035	BDP794 LED63-4S/740 DM70 MK-WH FG BK D9	-
912300060036	BDP794 LED63-4S/740 DM50 MK-WH GF BK D9	-
912300060033	BDP794 LED63-4S/740 DM70 MK-BK FG BK D9	-
912300060034	BDP794 LED63-4S/740 DM50 MK-BK GF BK D9	-

		Driver failure rate
Order Code	Full Product Name	at 5000 h
912300060039	BSP794 LED63-4S/740 DM70 MK-WH FG BK D9	-
912300060040	BSP794 LED63-4S/740 DM50 MK-WH GF BK D9	-
912300024183	BDP794 LED52-4S/518 DM11 MK-BK FG BK 60	0.1 %
912300024188	BDP794 LED53-4S/420 DM11 MK-BK FG BK 60	0.1 %
912300060037	BSP794 LED63-4S/740 DM70 MK-BK FG BK D9	-
912300060038	BSP794 LED63-4S/740 DM50 MK-BK GF BK D9	-
912300060037	BSP794 LED63-4S/740 DM70 MK-BK FG BK D9	-

#### **Application Conditions**

Order Code	Full Product Name	Maximum dim level
912300023849	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	Not applicable
912300023850	BDP794 LED52-4S/830 PSU II DS50 MK-WH GF	Not applicable
912300023851	BDP794 LED53-4S/740 PSU II DS50 MK-WH GF	Not applicable
912300023852	BDP794 LED42-4S/740 II DS50 MK-WH FG BK	10%
912300023858	BDP794 LED42-4S/740 II DW10 MK-WH FG BK	Not applicable
912300023859	BDP794 LED53-4S/740 II DW10 MK-WH FG BK	Not applicable
912300023860	BDP794 LED63-4S/740 II DW10 MK-WH FG BK	Not applicable
912300023861	BDP794 LED52-4S/830 II DW10 MK-WH GF BK	Not applicable
912300060035	BDP794 LED63-4S/740 DM70 MK-WH FG BK D9	10%

Order Code	Full Product Name	Maximum dim level
912300060036	BDP794 LED63-4S/740 DM50 MK-WH GF BK D9	10%
912300060033	BDP794 LED63-4S/740 DM70 MK-BK FG BK D9	10%
912300060034	BDP794 LED63-4S/740 DM50 MK-BK GF BK D9	10%
912300060039	BSP794 LED63-4S/740 DM70 MK-WH FG BK D9	10%
912300060040	BSP794 LED63-4S/740 DM50 MK-WH GF BK D9	10%
912300024183	BDP794 LED52-4S/518 DM11 MK-BK FG BK 60	Not applicable
912300024188	BDP794 LED53-4S/420 DM11 MK-BK FG BK 60	Not applicable
912300060037	BSP794 LED63-4S/740 DM70 MK-BK FG BK D9	10%
912300060038	BSP794 LED63-4S/740 DM50 MK-BK GF BK D9	10%



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