



Philips Jargeau LED gen3: combining historical design with modern lighting technology

Jargeau LED gen3

Philips Jargeau LED gen3 combines the iconic character of the first four-sided street lamps of the 19th century with the technical performance of 21st-century luminaires. Thanks to the energy-efficient Philips LEDGINE-O engine, and wide range of high performance, application-tailored optics, Jargeau LED gen3 delivers the right amount light in the right direction on roads and streets, as well as offering excellent energy savings. Designed for installation at heights of four to six meters, this street lantern is well suited to urban landscapes and is ideal for illuminating city centers, historical areas, old villages, streets, alleys, squares and parks. Jargeau LED gen3 is also future ready with a choice of one or two Philips System Ready (SR) sockets that enable the luminaire to be paired with both standalone and advanced control and lighting software applications such as Interact from Signify. This urban lighting solution can also be equipped with our dedicated light recipe that preserves dark skies. In addition, every Jargeau LED gen3 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 programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Jargeau LED gen3

Benefits

- Iconic luminaire for contemporary and historical environments
- Covers a wide range of applications for roads and streets with different geometries
- Future-proof thanks to SR socket compatible with all Philips' standard and advanced lighting controls
- Service tag for easy installation and maintenance

Features

- Historical shape
- Large choice of different beams, internal louvers to minimize glare
- Variety of mounting options: luminaire can be combined with different columns, brackets and multiple-arm brackets

Application

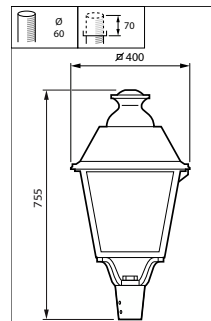
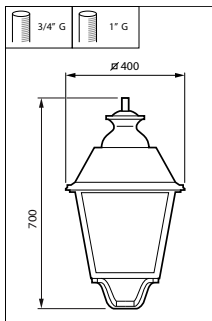
- Main urban roads and streets, side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

Versions



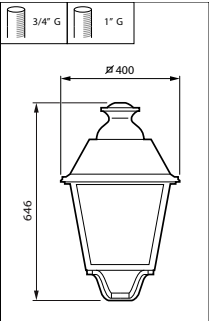
BDP768 BDP651 without spigot RET

Dimensional drawing



Jargeau LED gen3

Dimensional drawing



General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Light Technical	
Light source color	830 warm white
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Mechanical and Housing	
Housing Color	Black
Approval and Application	
Mech. impact protection code	IK09
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

General Information

		Lamp family	Product family	Service tag
Order Code	Full Product Name	code	code	
912300024529	BDP651 LED50/830 II DM50 MK-BK PCC BALL	LED50	BDP651	-
912300024426	BSP651 LW LED50/830 II DM50 MK-BK PCC BA	LED50	BSP651	-
912300060160	BSP651 LED50/830 II DM50 MK-BK FG BALL 3	LED50	BSP651	-
912300060161	BSP651 LED50/830 II DM50 MK-BK GF BALL 3	LED50	BSP651	-
912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	LED50	BSP651	-
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	LED50	BSP651	-
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	LED50	BSP651	-
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	LED50	BDP651	Yes
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	LED50	BDP651	-
912300060157	BDP651 LED50/830 II DM50 MK-BK GF BALL 6	LED50	BDP651	-
912300060158	BDP651 LED50/830 II DM50 MK-WH FG BALL 6	LED50	BDP651	-
912300060159	BDP651 LED50/830 II DM50 MK-WH GF BALL 6	LED50	BDP651	-
912300060274	BDP651 LED50/830 II DM50 MK-WH PCC BALL	LED50	BDP651	-
912300060296	BDP651 LED40-4S/830 PSD-SR II DS50 FG BK	LED40	BDP651	-
912300060297	BDP651 LED55-4S/830 PSD-SR II DS50 FG BK	LED55	BDP651	-
912300060298	BDP651 LED40-4S/830 PSD-SR II DS50 GF BK	LED40	BDP651	-
912300060299	BDP651 LED55-4S/830 PSD-SR II DS50 GF BK	LED55	BDP651	-

Light Technical (1/2)

		Luminaire			
Order Code	Full Product Name	light beam	Optical cover	Luminous	Optic type
		spread	type	Flux	outdoor
912300024529	BDP651	30° - 5° x	Polycarbonate	3,250 lm	Distribution
	LED50/830 II	153°	bowl/cover		medium 50
	DM50 MK-BK		clear		
	PCC BALL				

		Luminaire			
Order Code	Full Product Name	light beam	Optical cover	Luminous	Optic type
		spread	type	Flux	outdoor
912300024426	BSP651 LW	30° - 5° x	Polycarbonate	3,250 lm	Distribution
	LED50/830 II	153°	bowl/cover		medium 50
	DM50 MK-BK		clear		
	PCC BA				
912300060160	BSP651	30° - 5° x	Flat glass	3,450 lm	Distribution
	LED50/830 II	153°			medium 50

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Order Code	Full Product Name	Luminaire		Luminous Flux	Optic type outdoor
		light beam spread	Optical cover type		
912300060161	DM50 MK-BK FG BALL 3				
	BSP651	30° - 5° x	Glass frosted	3,100 lm	Distribution
	LED50/830 II	153°			medium 50
912300060162	DM50 MK-BK GF BALL 3				
	BSP651	30° - 5° x	Flat glass	3,700 lm	Distribution
	LED50/830 II	153°			medium 50
912300060163	DM50 MK-BK WH FG BALL 3				
	BSP651	30° - 5° x	Glass frosted	3,250 lm	Distribution
	LED50/830 II	153°			medium 50
912300060275	DM50 MK-BK WH GF BALL 3				
	BSP651	30° - 5° x	Polycarbonate	3,400 lm	Distribution
	LED50/830 II	153°	bowl/cover		medium 50
912300024425	DM50 MK-BK PCC BA				
	BSP651 LW	30° - 5° x	Polycarbonate	3,250 lm	Distribution
	LED50/830 II	153°	bowl/cover		medium 50
912300060156	DM50 MK-BK FG BALL 6				
	BSP651	30° - 5° x	Flat glass	3,450 lm	Distribution
	LED50/830 II	153°			medium 50
912300060157	DM50 MK-BK LED50/830 II	30° - 5° x	Glass frosted	3,100 lm	Distribution
		153°			medium 50

Order Code	Full Product Name	Luminaire		Luminous Flux	Optic type outdoor
		light beam spread	Optical cover type		
912300060158	DM50 MK-BK GF BALL 6				
	BDP651	30° - 5° x	Flat glass	3,700 lm	Distribution
	LED50/830 II	153°			medium 50
912300060159	DM50 MK-BK WH FG BALL 6				
	BDP651	30° - 5° x	Glass frosted	3,250 lm	Distribution
	LED50/830 II	153°			medium 50
912300060274	DM50 MK-BK WH GF BALL 6				
	BDP651	30° - 5° x	Polycarbonate	3,400 lm	Distribution
	LED50/830 II	153°	bowl/cover		medium 50
912300060296	DM50 MK-BK WH PCC BALL				
	BDP651	152° x 155°	Flat glass	2,760 lm	Distribution
	LED40-4S/83				symmetrical
912300060297	DM50 MK-BK WH PCC BALL				
	BDP651	152° x 155°	Flat glass	3,808 lm	Distribution
	LED55-4S/83				symmetrical
912300060298	DM50 MK-BK WH PCC BALL				
	BDP651	152° x 155°	Glass frosted	2,400 lm	Distribution
	LED40-4S/83				symmetrical
912300060299	DM50 MK-BK WH PCC BALL				
	BDP651	152° x 155°	Glass frosted	3,360 lm	Distribution
	LED55-4S/83				symmetrical

Light Technical (2/2)

Order Code	Full Product Name	Upward light output ratio
912300024529	BDP651 LED50/830 II DM50 MK-BK PCC BALL	0.01
912300024426	BSP651 LW LED50/830 II DM50 MK-BK PCC BA	0.01
912300060160	BSP651 LED50/830 II DM50 MK-BK FG BALL 3	0.01
912300060161	BSP651 LED50/830 II DM50 MK-BK GF BALL 3	0.01
912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	0.01
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	0.01
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	0.01
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	0.01
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	0.01

Order Code	Full Product Name	Upward light output ratio
912300060157	BDP651 LED50/830 II DM50 MK-BK GF BALL 6	0.01
912300060158	BDP651 LED50/830 II DM50 MK-WH FG BALL 6	0.01
912300060159	BDP651 LED50/830 II DM50 MK-WH GF BALL 6	0.01
912300060274	BDP651 LED50/830 II DM50 MK-WH PCC BALL	0.01
912300060296	BDP651 LED40-4S/830 PSD-SR II DS50 FG BK	0
912300060297	BDP651 LED55-4S/830 PSD-SR II DS50 FG BK	0
912300060298	BDP651 LED40-4S/830 PSD-SR II DS50 GF BK	0
912300060299	BDP651 LED55-4S/830 PSD-SR II DS50 GF BK	0

Operating and Electrical

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Order Code	Full Product Name	Power Consumption
912300024529	BDP651 LED50/830 II DM50 MK-BK PCC BALL	38 W
912300024426	BSP651 LW LED50/830 II DM50 MK-BK PCC BA	38 W
912300060160	BSP651 LED50/830 II DM50 MK-BK FG BALL 3	38 W
912300060161	BSP651 LED50/830 II DM50 MK-BK GF BALL 3	38 W
912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	38 W
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	38 W
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	38 W
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	38 W
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	38 W

Order Code	Full Product Name	Power Consumption
912300060157	BDP651 LED50/830 II DM50 MK-BK GF BALL 6	38 W
912300060158	BDP651 LED50/830 II DM50 MK-WH FG BALL 6	38 W
912300060159	BDP651 LED50/830 II DM50 MK-WH GF BALL 6	38 W
912300060274	BDP651 LED50/830 II DM50 MK-WH PCC BALL	38 W
912300060296	BDP651 LED40-4S/830 PSD-SR II DS50 FG BK	30.5 W
912300060297	BDP651 LED55-4S/830 PSD-SR II DS50 FG BK	42 W
912300060298	BDP651 LED40-4S/830 PSD-SR II DS50 GF BK	30.5 W
912300060299	BDP651 LED55-4S/830 PSD-SR II DS50 GF BK	42 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
912300024529	BDP651 LED50/830 II DM50 MK-BK PCC BALL	No
912300024426	BSP651 LW LED50/830 II DM50 MK-BK PCC BA	No
912300060160	BSP651 LED50/830 II DM50 MK-BK FG BALL 3	No
912300060161	BSP651 LED50/830 II DM50 MK-BK GF BALL 3	No
912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	No
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	No
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	No
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	No
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	No

Order Code	Full Product Name	Dimmable
912300060157	BDP651 LED50/830 II DM50 MK-BK GF BALL 6	No
912300060158	BDP651 LED50/830 II DM50 MK-WH FG BALL 6	No
912300060159	BDP651 LED50/830 II DM50 MK-WH GF BALL 6	No
912300060274	BDP651 LED50/830 II DM50 MK-WH PCC BALL	No
912300060296	BDP651 LED40-4S/830 PSD-SR II DS50 FG BK	Yes
912300060297	BDP651 LED55-4S/830 PSD-SR II DS50 FG BK	Yes
912300060298	BDP651 LED40-4S/830 PSD-SR II DS50 GF BK	Yes
912300060299	BDP651 LED55-4S/830 PSD-SR II DS50 GF BK	Yes

