



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

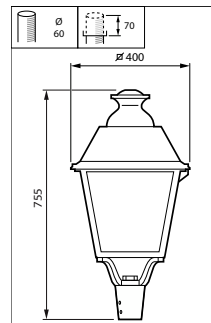
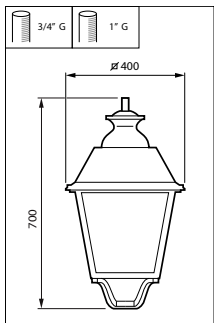
- Main urban roads and streets, side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

Versions



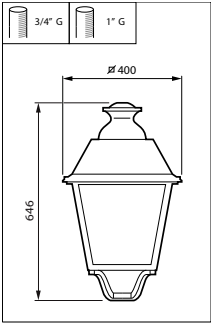
BDP768 BDP651 without spigot RET

Dimensional drawing



Jargeau LED gen3

Dimensional drawing



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

General Information

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

Light Technical

Order Code	Full Product Name	Luminaire		Optic type outdoor	Upward light output ratio
		light beam spread	Luminous Flux		
912300024529	BDP651 LED50/830 II	30° - 5° x 153°	3,250 lm	Distribution medium 50	0.01

Order Code	Full Product Name	Luminaire		Optic type outdoor	Upward light output ratio
		light beam spread	Luminous Flux		
	DM50 MK-BK PCC BALL				

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Order Code	Full Product Name	Luminaire			Upward light output ratio
		light beam spread	Luminous Flux	Optic type outdoor	
912300024426	BSP651 LW	30° - 5° x	3,250 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK				
	PCC BA				
912300060160	BSP651	30° - 5° x	3,450 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK FG				
	BALL 3				
912300060161	BSP651	30° - 5° x	3,100 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK GF				
	BALL 3				
912300060162	BSP651	30° - 5° x	3,700 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	FG BALL 3				
912300060163	BSP651	30° - 5° x	3,250 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	GF BALL 3				
912300060275	BSP651	30° - 5° x	3,400 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	PCC BALL				
912300024425	BDP651 LW	30° - 5° x	3,250 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK				
	PCC BA				
912300060156	BDP651	30° - 5° x	3,450 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK FG				
	BALL 6				

Operating and Electrical

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

Controls and Dimming

Order Code	Full Product Name	Luminaire			Upward light output ratio
		light beam spread	Luminous Flux	Optic type outdoor	
912300060157	BDP651	30° - 5° x	3,100 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-BK GF				
	BALL 6				
912300060158	BDP651	30° - 5° x	3,700 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	FG BALL 6				
912300060159	BDP651	30° - 5° x	3,250 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	GF BALL 6				
912300060274	BDP651	30° - 5° x	3,400 lm	Distribution	0.01
	LED50/830 II	153°		medium 50	
	DM50 MK-WH				
	PCC BALL				
912300060296	BDP651	152° x 155°	2,760 lm	Distribution	0
	LED40-4S/830			symmetrical	
	PSD-SR II DS50			50	
	FG BK				
912300060297	BDP651	152° x 155°	3,808 lm	Distribution	0
	LED55-4S/830			symmetrical	
	PSD-SR II DS50			50	
	FG BK				
912300060298	BDP651	152° x 155°	2,400 lm	Distribution	0
	LED40-4S/830			symmetrical	
	PSD-SR II DS50			50	
	GF BK				
912300060299	BDP651	152° x 155°	3,360 lm	Distribution	0
	LED55-4S/830			symmetrical	
	PSD-SR II DS50			50	
	GF BK				

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

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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

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
912300024529	BDP651 LED50/830 II DM50 MK-BK PCC BALL	Polycarbonate bowl/ cover clear
912300024426	BSP651 LW LED50/830 II DM50 MK-BK PCC BA	Polycarbonate bowl/ cover clear
912300060160	BSP651 LED50/830 II DM50 MK-BK FG BALL 3	Flat glass
912300060161	BSP651 LED50/830 II DM50 MK-BK GF BALL 3	Glass frosted
912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	Flat glass
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	Glass frosted
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	Polycarbonate bowl/ cover clear
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	Polycarbonate bowl/ cover clear
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	Flat glass

Product Data

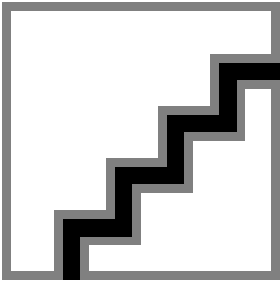
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912300060162	BSP651 LED50/830 II DM50 MK-WH FG BALL 3	BSP651
912300060163	BSP651 LED50/830 II DM50 MK-WH GF BALL 3	BSP651
912300060275	BSP651 LED50/830 II DM50 MK-WH PCC BALL	BSP651
912300024425	BDP651 LW LED50/830 II DM50 MK-BK PCC BA	BDP651
912300060156	BDP651 LED50/830 II DM50 MK-BK FG BALL 6	BDP651

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

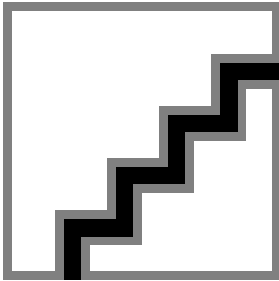
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912300060157	BDP651 LED50/830 II DM50 MK-BK GF BALL 6	Glass frosted
912300060158	BDP651 LED50/830 II DM50 MK-WH FG BALL 6	Flat glass
912300060159	BDP651 LED50/830 II DM50 MK-WH GF BALL 6	Glass frosted
912300060274	BDP651 LED50/830 II DM50 MK-WH PCC BALL	Polycarbonate bowl/ cover clear
912300060296	BDP651 LED40-4S/830 PSD-SR II DS50 FG BK	Flat glass
912300060297	BDP651 LED55-4S/830 PSD-SR II DS50 FG BK	Flat glass
912300060298	BDP651 LED40-4S/830 PSD-SR II DS50 GF BK	Glass frosted
912300060299	BDP651 LED55-4S/830 PSD-SR II DS50 GF BK	Glass frosted

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

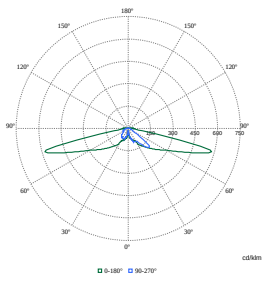
Polar Wide Diagrams



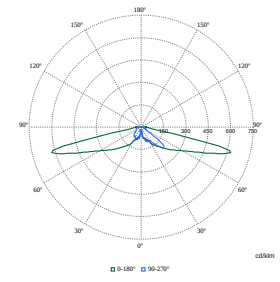
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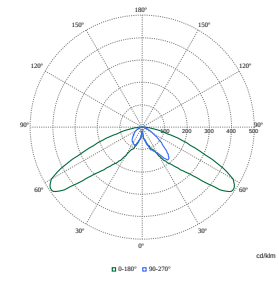
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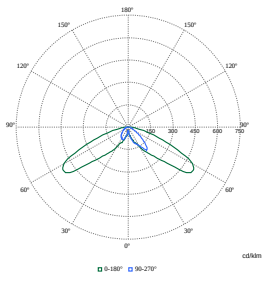
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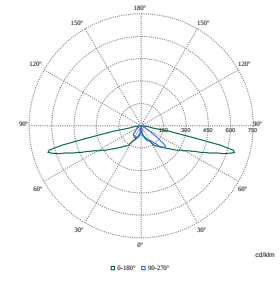
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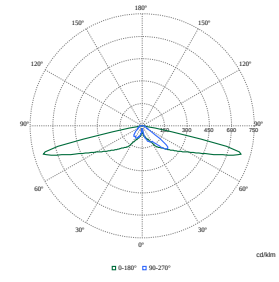
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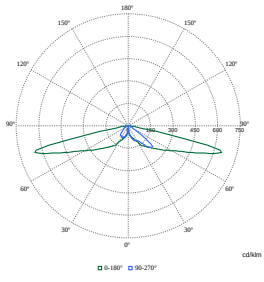
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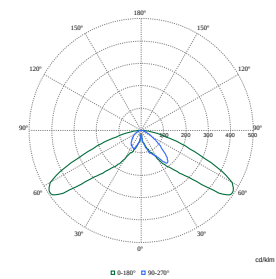


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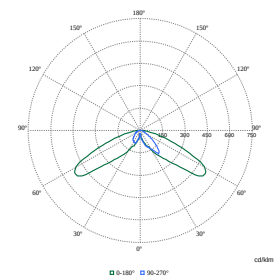


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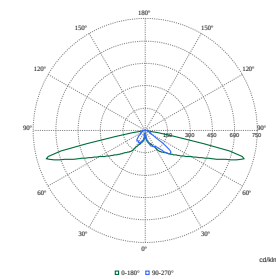
Polar Wide Diagrams



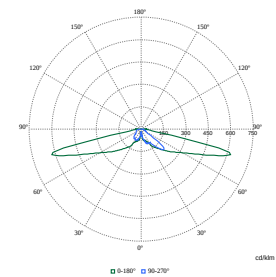
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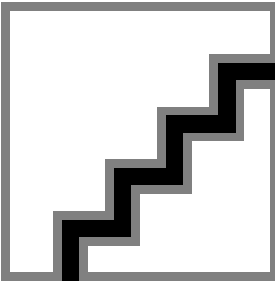
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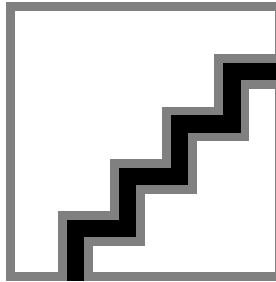
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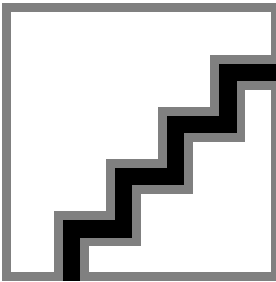
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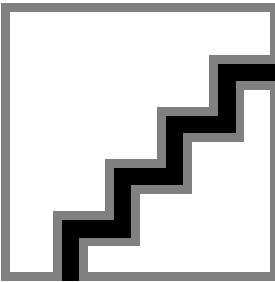
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Polar Normal (separate) - BDP768I - 912300060297



Polar Normal (separate) - BDP768I - 912300060298



Polar Normal (separate) - BDP768I - 912300060299

Jargeau LED gen3

