



The affordable LED solution

Essential LEDspot PAR

Essential LED PAR is an affordable LED spot lamp that is designed as a retrofit replacement for halogen spots PAR lamps. It provides a natural lighting effect as well as instant energy savings – an environment-friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality and retail segments.

Benefits

- Reduced operational cost thanks to energy savings of up to 80%
- Lower maintenance cost thanks to more than five times longer lifetime than conventional halogen spot lamps
- Easy retrofit, upgrading the existing luminaire to LED technology
- Low initial investment

Features

- Lower energy consumption compared to halogen spot PAR lamp
- Retrofit replacement of halogen spot lamps with existing transformers
- Lifetime up to 15,000 hours
- Non-dimmable

Application

- Hospitality (restaurants, hotels, coffee bars)
- Retail

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Versions



E27 PAR38

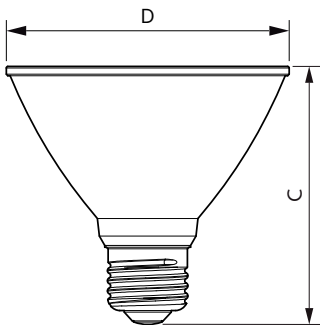
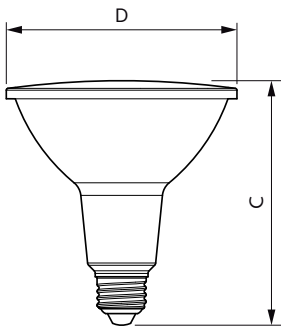
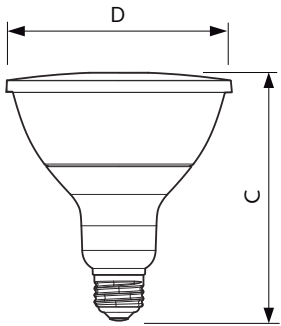


PAR30S E26



E27 PAR 4.75 inch/121mm

Dimensional drawing



Product	D	C
Essential LED 10-80W PAR38 827 25D	122 mm	134 mm

Product	D	C
Essential LED 14-120W PAR38 827 25D	125 mm	133 mm
Essential LED 14-120W PAR38 827 25D	125 mm	133 mm

Product	D	C
Essential LED 12-100W PAR30s 840 25D KR	86 mm	93 mm
Essential LED 12-100W PAR30s 865 25D KR	86 mm	93 mm
Essential LED 12-100W PAR30s 827 25D KR	86 mm	93 mm

Essential LEDspot PAR

Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	50 to 60 Hz
General Information	
Nominal Lifetime (Nom)	15000 h
Light Technical	
Beam Angle (Nom)	25 °
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001322708	Essential LED 10-80W PAR38 827 25D	10 kWh
929001944408	Essential LED 12-100W PAR30s 827 25D KR	12 kWh
929001944508	Essential LED 12-100W PAR30s 840 25D KR	12 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001944608	Essential LED 12-100W PAR30s 865 25D KR	12 kWh
929002339108	Essential LED 14-120W PAR38 827 25D	14 kWh
929002339112	Essential LED 14-120W PAR38 827 25D	- kWh

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
929001322708	Essential LED 10-80W PAR38 827 25D	220-240 V	80 W	10 W	0.5 s
929001944408	Essential LED 12-100W PAR30s 827 25D KR	220 V	100 W	12 W	0.8 s
929001944508	Essential LED 12-100W PAR30s 840 25D KR	220 V	100 W	12 W	0.8 s

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
929001944608	Essential LED 12-100W PAR30s 865 25D KR	220 V	100 W	12 W	0.8 s
929002339108	Essential LED 14-120W PAR38 827 25D	220-240 V	120 W	14 W	0.5 s
929002339112	Essential LED 14-120W PAR38 827 25D	220-240 V	120 W	14 W	0.5 s

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001322708	Essential LED 10-80W PAR38 827 25D	E27	25000X
929001944408	Essential LED 12-100W PAR30s 827 25D KR	E26	50000X
929001944508	Essential LED 12-100W PAR30s 840 25D KR	E26	50000X

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001944608	Essential LED 12-100W PAR30s 865 25D KR	E26	50000X
929002339108	Essential LED 14-120W PAR38 827 25D	E27	50000X
929002339112	Essential LED 14-120W PAR38 827 25D	E27	50000X

Light Technical

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Order Code	Full Product Name	Color Code	Correlated Color		Luminous Intensity (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
929001322708	Essential LED 10-80W PAR38 827 25D	827	2700 K	900 lm	1800 cd
929001944408	Essential LED 12-100W PAR30s 827 25D KR	827	2700 K	1100 lm	2700 cd
929001944508	Essential LED 12-100W PAR30s 840 25D KR	840	4000 K	1100 lm	2700 cd

Order Code	Full Product Name	Color Code	Correlated Color		Luminous Intensity (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
929001944608	Essential LED 12-100W PAR30s 865 25D KR	865	6500 K	1100 lm	2700 cd
929002339108	Essential LED 14-120W PAR38 827 25D	827	2700 K	1200 lm	5000 cd
929002339112	Essential LED 14-120W PAR38 827 25D	827	2700 K	1200 lm	5000 cd

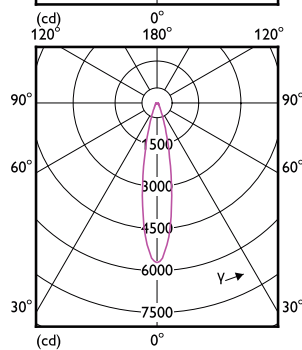
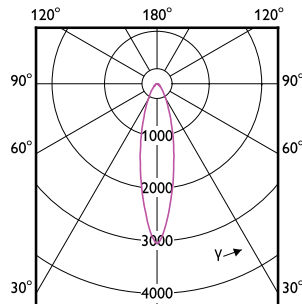
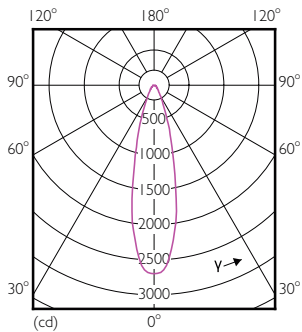
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001322708	Essential LED 10-80W PAR38 827 25D	PAR38
929001944408	Essential LED 12-100W PAR30s 827 25D KR	PAR30S
929001944508	Essential LED 12-100W PAR30s 840 25D KR	PAR30S

Order Code	Full Product Name	Bulb Shape
929001944608	Essential LED 12-100W PAR30s 865 25D KR	PAR30S
929002339108	Essential LED 14-120W PAR38 827 25D	PAR38
929002339112	Essential LED 14-120W PAR38 827 25D	PAR38

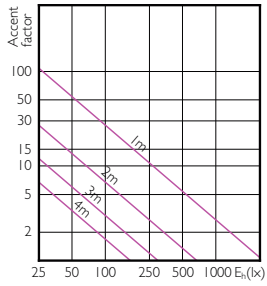
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001322708	Essential LED 10-80W PAR38 827 25D	80 °C
929001944408	Essential LED 12-100W PAR30s 827 25D KR	90 °C
929001944508	Essential LED 12-100W PAR30s 840 25D KR	90 °C
929001944608	Essential LED 12-100W PAR30s 865 25D KR	90 °C
929002339108	Essential LED 14-120W PAR38 827 25D	75 °C
929002339112	Essential LED 14-120W PAR38 827 25D	75 °C

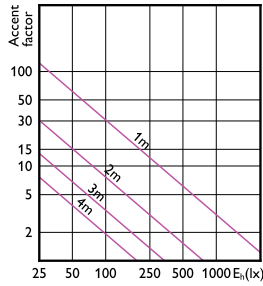


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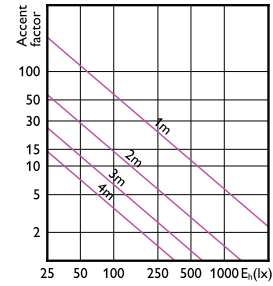
Accent Diagrams



MASTER LEDspot PAR 60W E27 827 25D

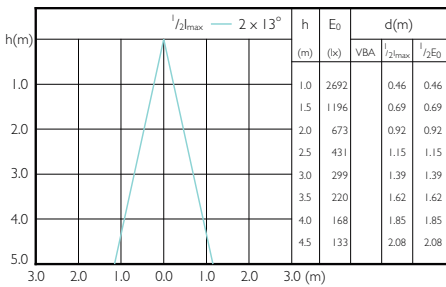


12-100W E26 PAR30S 25D 827 2700K

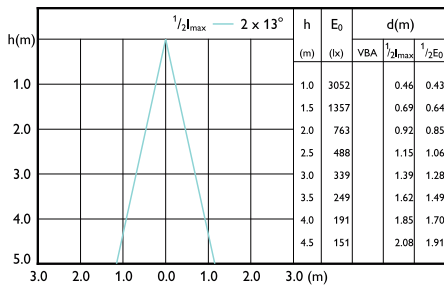


LEDspots 14W PAR38 E27 827 25D

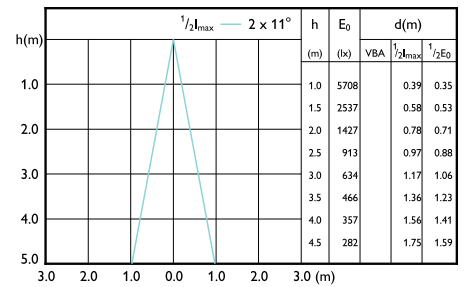
Beam Diagrams



MASTER LEDspot PAR 60W E27 827 25D



12-100W E26 PAR30S 25D 827 2700K



LEDspots 14W PAR38 E27 827 25D

