



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 spot PAR lamps. It provides a natural lighting effect as well as instant energy savings – an environmentally 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 a 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 lamps
- Retrofit replacement of halogen spot lamps with existing transformers
- Lifetime up to 15 000 hours
- Non-dimmable

Application

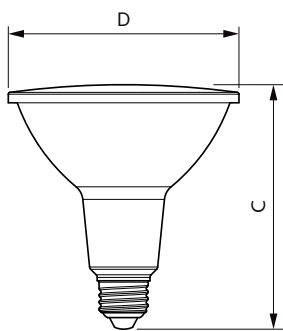
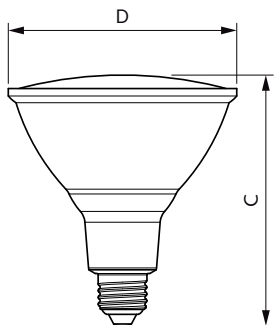
- Hospitality (restaurants, hotels, coffee bars)
- Retail

Essential LEDspot PAR

Versions



Dimensional drawing



Product

Essential LED 10-80W PAR38 827 25D

Product

Essential LED 14-120W PAR38 827 25D

D

C

125 mm

133 mm

Essential LEDspot PAR

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

General Information

Cap-Base	E27
Nominal Lifetime (Nom)	15000 h

Light Technical

Beam Angle (Nom)	25 °
Colour Code	827
Correlated Colour Temperature (Nom)	2700 K
Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	PAR38
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001322708	Essential LED 10-80W PAR38 827 25D	10 kWh
929002339108	Essential LED 14-120W PAR38 827 25D	14 kWh

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001322708	Essential LED 10-80W PAR38 827 25D	80 W	10 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929002339108	Essential LED 14-120W PAR38 827 25D	120 W	14 W

General Information

Order Code	Full Product Name	Switching Cycle
929001322708	Essential LED 10-80W PAR38 827 25D	25,000X

Order Code	Full Product Name	Switching Cycle
929002339108	Essential LED 14-120W PAR38 827 25D	50,000X

Light Technical

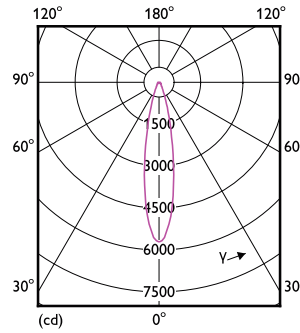
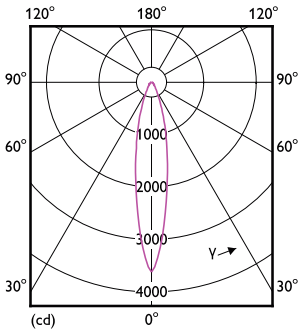
Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Intensity (Nom)
929001322708	Essential LED 10-80W PAR38 827 25D	900 lm	1800 cd

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Intensity (Nom)
929002339108	Essential LED 14-120W PAR38 827 25D	1200 lm	5000 cd

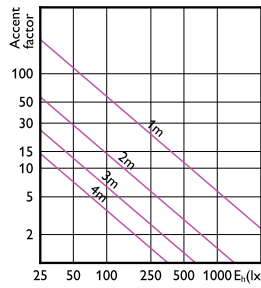
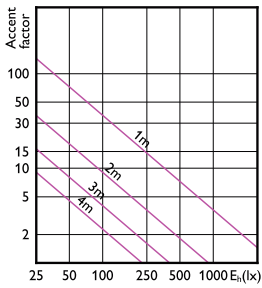
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001322708	Essential LED 10-80W PAR38 827 25D	80 °C
929002339108	Essential LED 14-120W PAR38 827 25D	75 °C

Essential LEDspot PAR



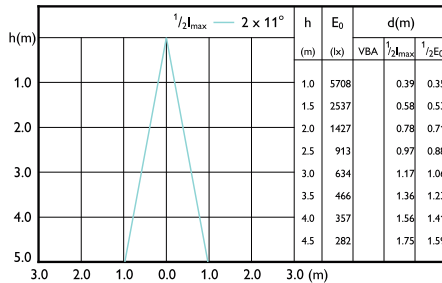
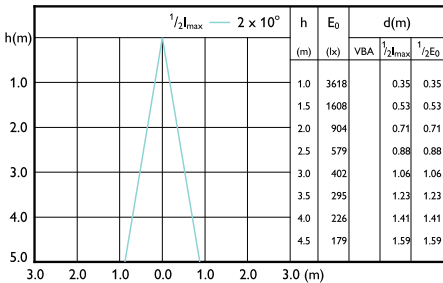
Accent Diagrams



LEDspots Corepro 9W PAR38 E27 827 25D-LA2

LEDspots 14W PAR38 E27 827 25D

Beam Diagrams



LEDspots Corepro 9W PAR38 E27 827 25D-LBP

LEDspots 14W PAR38 E27 827 25D

