



Essential LED spot PAR

Essential LED 14-120W PAR38 827 25D

LEDspot, PAR38, 120 W, E27, 2700 K, 1200 lm, 15000 hour(s)

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.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	1,200 lm
Luminous Intensity (Nom)	5,000 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	85.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

Operating and Electrical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14 W
Lamp Current (Nom)	110 mA
Wattage Equivalent	120 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	75 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	PAR38
Net Weight (Piece)	0.385 kg

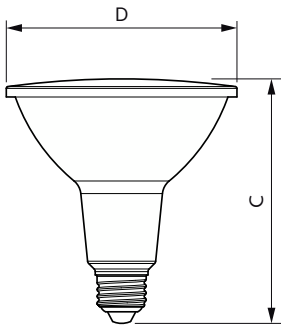
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	14 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Product Data

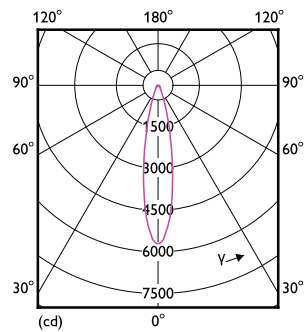
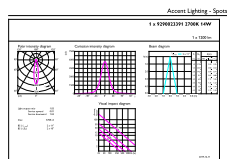
Order product name	Essential LED 14-120W PAR38 827 25D
Full product name	Essential LED 14-120W PAR38 827 25D
Full product code	692234190611400
Order code	929002339108
Material Nr. (12NC)	929002339108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341906114
Numerator - Packs per outer box	6
EAN/UPC - Case	6922341906121

Dimensional drawing



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

Photometric data

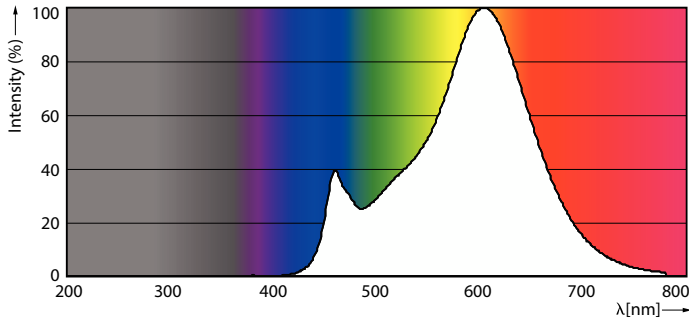


Accent Lighting Spots - Essential LED 14-120W PAR38 827 25D

Light Distribution Diagram - Essential LED 14-120W PAR38 827 25D

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Photometric data



Spectral Power Distribution Colour - Essential LED 14-120W PAR38 827 25D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Essential LED 14-120W PAR38 827 25D

