



Essential LEDspot PAR

LED 14-120W PAR38 827 25D 2pk AU

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 [E27]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 h
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
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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 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RG1
Operating and Electrical	
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	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]

Approval and Application

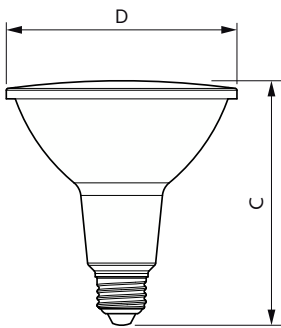
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	14 kWh

Product Data

Order product name	LED 14-120W PAR38 827 25D 2pk AU
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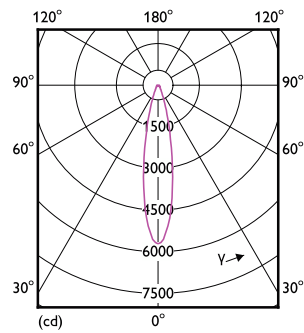
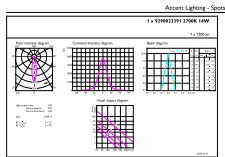
Full product name	LED 14-120W PAR38 827 25D 2pk AU
Full product code	871951437567300
Order code	929002339179
Material Nr. (12NC)	929002339179
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514375673
Numerator - Packs per outer box	3
EAN/UPC - Case	8719514375680

Dimensional drawing



Product	D	C
LED 14-120W PAR38 827 25D 2pk AU	125 mm	133 mm

Photometric data

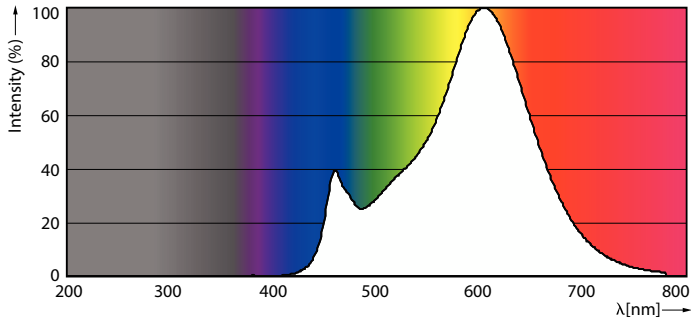


Accent Lighting Spots - LED 14-120W PAR38 827 25D 2pk AU

Light Distribution Diagram - LED 14-120W PAR38 827 25D 2pk AU

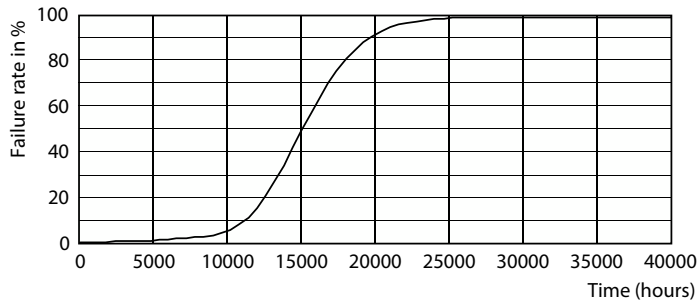
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Photometric data

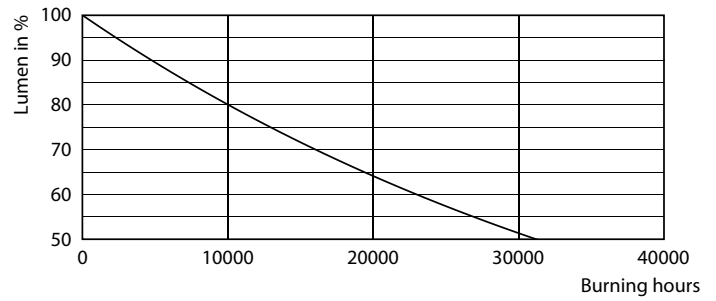


Spectral Power Distribution Colour - LED 14-120W PAR38 827 25D 2pk AU

Lifetime



Life Expectancy Diagram - LED 14-120W PAR38 827 25D 2pk AU



Lumen Maintenance Diagram - LED 14-120W PAR38 827 25D 2pk AU

