



Essential LEDspot PAR

LED 14-120W PAR38 827 25D

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.

Product data

General Information	
Cap base	E27 [E27]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	15000 h
Switching cycle	50,000X
Technical type	LEDTECH-LOV
Light Technical	
Colour Code	827 [CCT of 2,700 K]
Technical Beam Angle (Nom)	25°
Lamp Luminous Flux 25°C EL (Nom)	1200 lm
Luminous intensity (nom.)	5000 cd
Colour Designation	Warm white (WW)
Colour Temperature, horizontal (Nom)	2700 K
Lamp Luminous Efficacy EM (Nom)	85.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W
Lamp current (nom.)	110 mA
Wattage equivalent	120 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case maximum (nom.)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	PAR38 [PAR 4.75 inch/121mm]

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Approval and Application

Suitable for accent lighting Yes

Product Data

Full product code 692234190609100
 Order product name LED 14-120W PAR38 827 25D
 EAN/UPC – product 6922341906091

Order code 929002339107

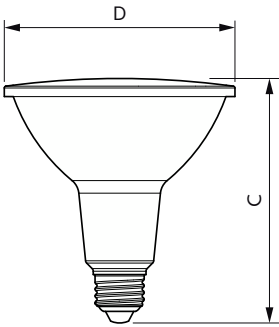
SAP numerator – quantity per pack 1

Numerator – packs per outer box 6

SAP material 929002339107

SAP net weight (piece) 0.385 kg

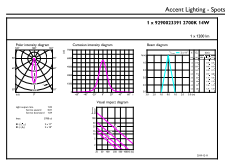
Dimensional drawing



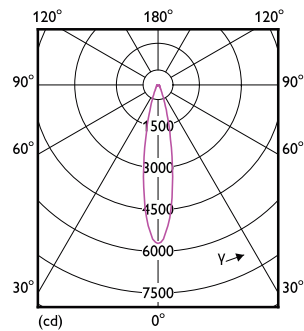
LED 14-120W PAR38 827 25D

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

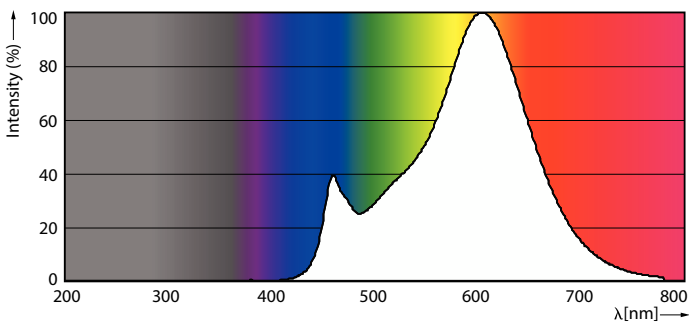
Photometric data



OSRAM Photometric Data | PAR Lighting | Page 11



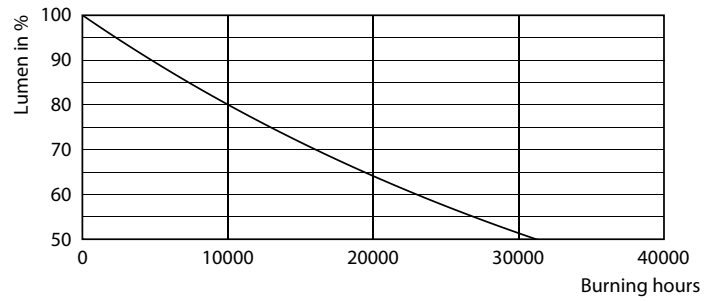
LEDspots 14W PAR38 E27 827 25D



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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

