



# 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 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 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]
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
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
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

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	PAR38

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## Approval and Application

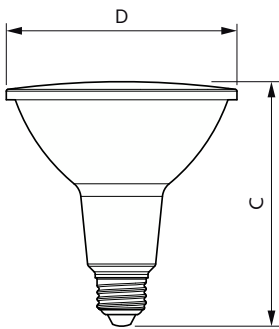
Suitable For Accent Lighting	Yes
EyeComfort	Yes
LED Innovations	EyeComfort

## Product Data

Order product name	LED 14-120W PAR38 827 25D
Full product name	LED 14-120W PAR38 827 25D
Full product code	692234190609100
Local code description	PAR38LED14-120W

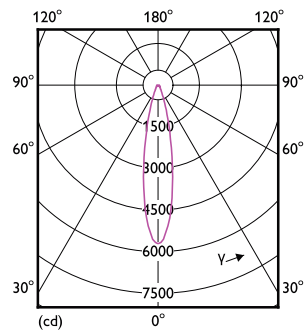
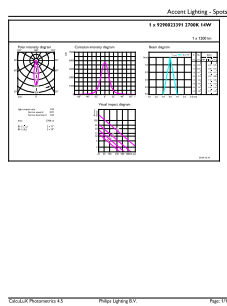
Order code	929002339107
Material Nr. (12NC)	929002339107
Local order code	PAR38LED14-120W
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341906091
Numerator - Packs per outer box	6
EAN/UPC - Case	6922341906107

## Dimensional drawing



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

## Photometric data

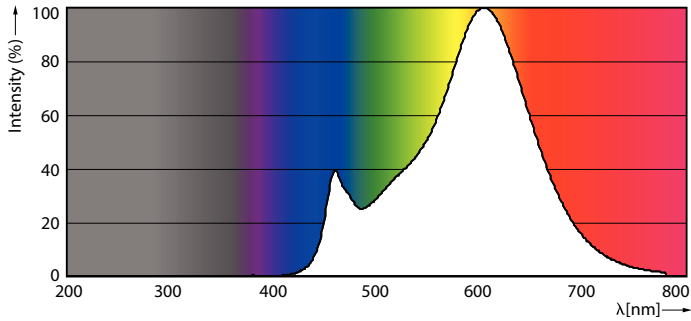


Accent Lighting Spots - LED 14-120W PAR38 827 25D

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

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## Photometric data



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

## Lifetime



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



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

