



Essential LEDspot PAR

Essential LED 10-80W 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 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	25,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	900 lm
Luminous Intensity (Nom)	1,800 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	90.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

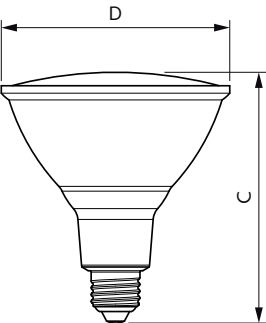
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	10 W
Lamp Current (Nom)	44 mA
Wattage Equivalent	80 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
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
Energy Consumption kWh/1000 h	10 kWh
Product Data	
Order product name	Essential LED 10-80W PAR38 827 25D
Full product name	Essential LED 10-80W PAR38 827 25D
Full product code	871869672867300

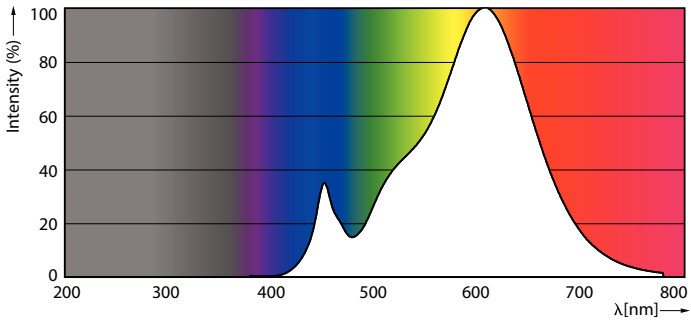
Order code	72867300
Material Nr. (12NC)	929001322708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696728673
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696728680

Dimensional drawing

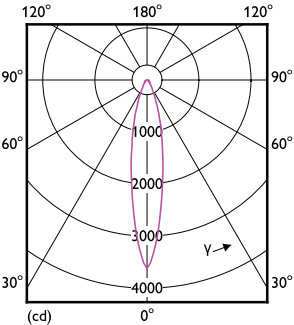


Product	D	C
Essential LED 10-80W PAR38 827 25D	122 mm	134 mm

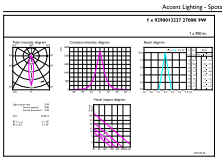
Photometric data



Spectral Power Distribution Colour - Essential LED 10-80W PAR38 827 25D



Light Distribution Diagram - Essential LED 10-80W PAR38 827 25D



Accent Lighting Spots - Essential LED 10-80W PAR38 827 25D

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Lifetime



Life Expectancy Diagram - Essential LED 10-80W PAR38 827 25D



Lumen Maintenance Diagram - Essential LED 10-80W PAR38 827 25D

