



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	
Lighting Technology	LED
Switching Cycle	25,000
Nominal lifetime	15,000 hour(s)
Cap-Base	E27 [E27]
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	900 lumen
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

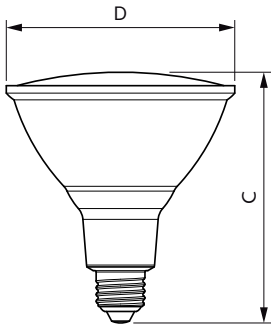
Input Frequency	50 to 60 Hz
Power Consumption	10 W
Lamp Current (Nom)	44 mA
Wattage Equivalent	80 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
Approval and Application	
Suitable For Accent Lighting	Yes

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Energy Consumption kWh/1000 h	10 kWh
EU RoHS compliant	Yes
Product Data	
Full product code	871869672867300
Order product name	Essential LED 10-80W PAR38 827 25D
Order code	929001322708

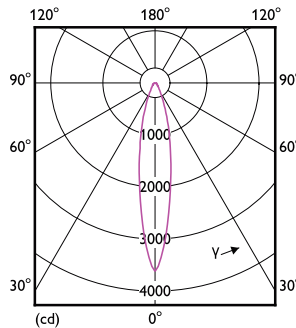
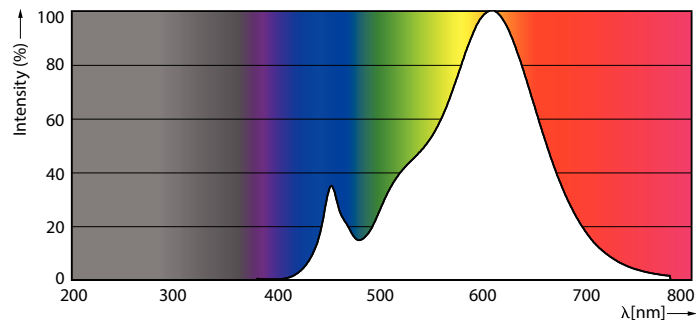
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929001322708
Full product name	Essential LED 10-80W PAR38 827 25D
EAN/UPC - Case	8718696728680

Dimensional drawing



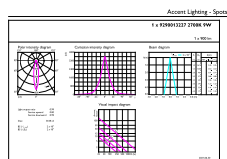
Product	D	C
Essential LED 10-80W PAR38 827 25D	122 mm	134 mm

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

