



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 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]	

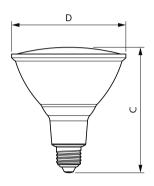
Datasheet, 2023, April 14 data subject to change

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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	

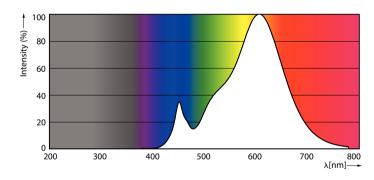
Order code	929001322708
Material Nr. (12NC)	929001322708
Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	6
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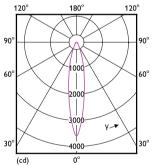
Dimensional drawing



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

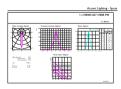
Photometric data





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

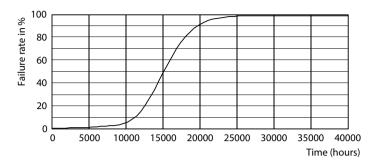
Light Distribution Diagram - Essential LED 10-80W PAR38 827 25D



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



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