PHILIPS Lighting



Essential LEDspot PAR

Essential LED 12-100W PAR30s 827 25D KR

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	E26 [Single Contact Medium Screw]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	15000 h	
Switching Cycle	50000X	
Technical Type	12-100W	
Light technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	25 °	
Luminous Flux (Nom)	1100 lm	
Luminous Intensity (Nom)	2700 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	91.00 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	

Operating and electrical			
Input Frequency	50 to 60 Hz		
Power (Nom)	12 W		
Lamp Current (Nom)	60 mA		
Wattage Equivalent	100 W		
Starting Time (Nom)	0.8 s		
Warm Up Time to 60% Light (Nom)	0.8 s		
Power Factor (Nom)	0.9		
Voltage (Nom)	220 V		
Temperature			
T-Case Maximum (Nom)	90 °C		
Controls and dimming			
Dimmable	No		
Mechanical and housing			
Bulb Shape	PAR30S [PAR 3.75 inch/95mm Short]		

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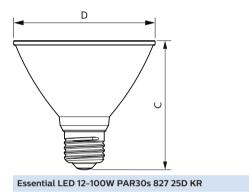
Approval and application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	12 kWh	
Product data		
Full product code	871869959808200	
Order product name	Essential LED 12-100W PAR30s 827 25D KR	

8718699598082

Order code	929001944408	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material Nr. (12NC)	929001944408	
Net Weight (Piece)	0.134 kg	

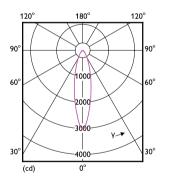
Dimensional drawing

EAN/UPC - Product

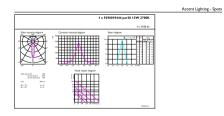


Product	D	с
Essential LED 12-100W PAR30s 827 25D KR	86 mm	93 mm

Photometric data



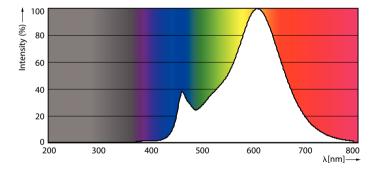
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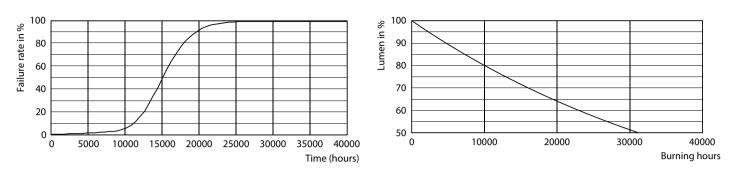
12-100W E26 PAR30S

Datasheet, 2021, August 11

CalculuX Photometrics 4.5

Essential LEDspot PAR

Lifetime



12-120W E26 PAR30S

12-120W E26 PAR30S



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www.lighting.philips.com 2021, August 11 - data subject to change