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]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	1,100 lm
Luminous Intensity (Nom)	2,700 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 (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	12 W
Lamp Current (Nom)	60 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.8 s
Warm-up time to 60% light	0.8 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220 V

Temperature	
T-Case Maximum (Nom)	90 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	PAR30S

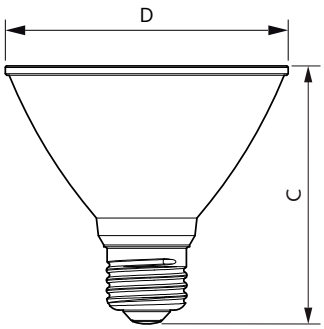
Essential LEDspot PAR

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	12 kWh

Product Data	
Order product name	Essential LED 12-100W PAR30s 827 25D KR
Full product name	Essential LED 12-100W PAR30s 827 25D KR
Full product code	871869959808200

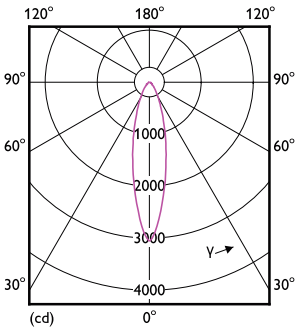
Order code	929001944408
Material Nr. (12NC)	929001944408
Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	6
EAN/UPC - Case	8718699598099

Dimensional drawing

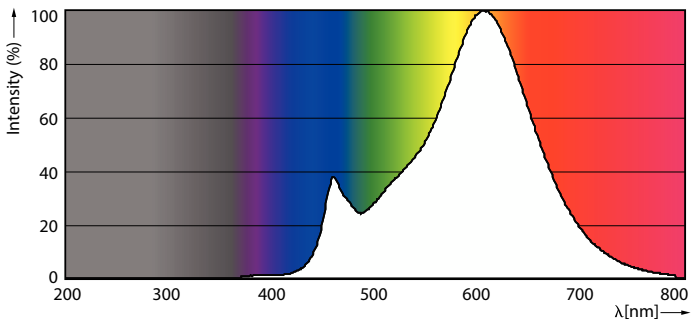


Product	D	C
Essential LED 12-100W PAR30s 827 25D KR	86 mm	93 mm

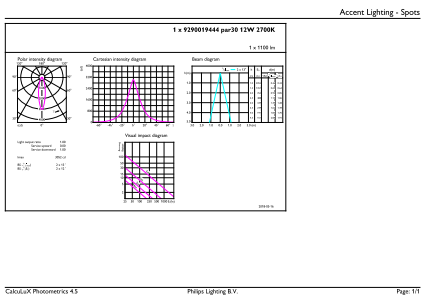
Photometric data



Light Distribution Diagram - Essential LED 12-100W PAR30s 827 25D KR



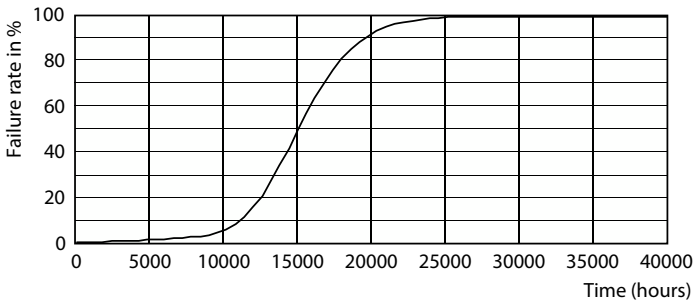
Spectral Power Distribution Colour - Essential LED 12-100W PAR30s 827 25D KR



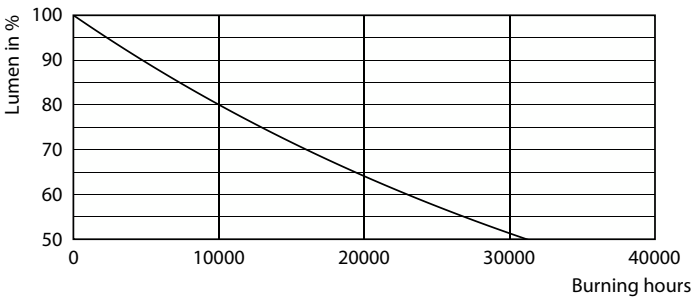
Accent Lighting Spots - Essential LED 12-100W PAR30s 827 25D KR

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Lifetime



Life Expectancy Diagram - Essential LED 12-100W PAR30s 827 25D KR



Lumen Maintenance Diagram - Essential LED 12-100W PAR30s 827 25D KR

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