PHILIPS Lighting



CorePro LEDspot Reflectors

CoreProLEDspot D8.5-100W R80 E27 827 36D

CorePro LEDspots Reflectors are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E27 base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots Reflectors deliver significant energy savings and minimize maintenance cost.

Product data

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	670 lumen
Luminous Intensity (Nom)	1,400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	74.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	670 lumen

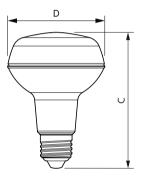
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	9 W
Lamp Current (Nom)	48 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear

CorePro LEDspot Reflectors

Bulb Shape	R80 [R 80mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	438,116
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871951431236400

Order product name	CoreProLEDspot D8.5-100W R80 E27 827 36D
Order code	929002996902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002996902
Full product name	CoreProLEDspot D8.5-100W R80 E27 827 36D
EAN/UPC - Case	8719514312371

Dimensional drawing

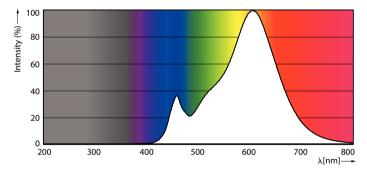


CoreProLEDspot D8.5-100W R80 E27 827 36D 80 mm 112 mm

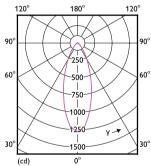
D

с

Photometric data



Spectral Power Distribution Colour - CoreProLEDspot D8.5-100W R80 E27 827 36D

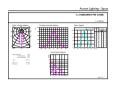


Product

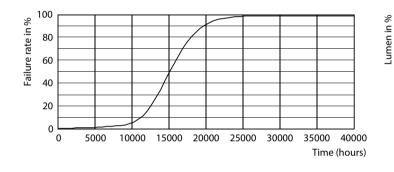
Light Distribution Diagram - CoreProLEDspot D8.5-100W R80 E27 827 36D

CorePro LEDspot Reflectors

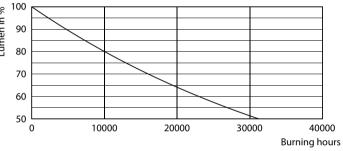
Photometric data



Lifetime



Life Expectancy Diagram - CoreProLEDspot D8.5-100W R80 E27 827 36D



Lumen Maintenance Diagram - CoreProLEDspot D8.5-100W R80 E27 827 36D



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, May 19 - data subject to change