



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
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 lm
Luminous Intensity (Nom)	1,400 cd
Luminous Efficacy (rated) (Nom)	74.00 lm/W
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	670 lm

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG0
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

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	R80

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	438116
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

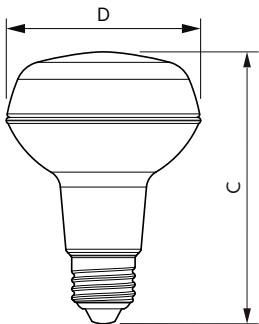
Application Conditions

can it be used in closed luminaires	No
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Product Data

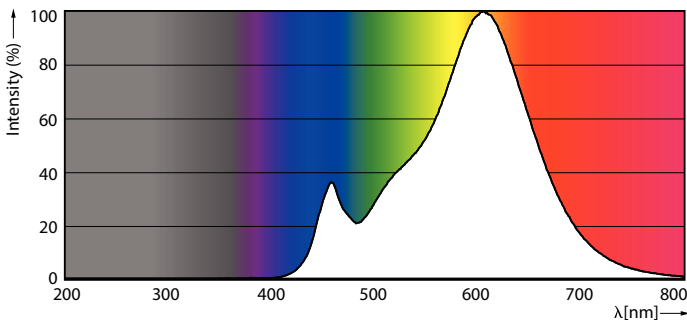
Order product name	CoreProLEDspot D8.5-100W R80 E27 827 36D
Full product name	CoreProLEDspot D8.5-100W R80 E27 827 36D
Full product code	871951431236400
Order code	929002996902
Material Nr. (12NC)	929002996902
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.150 kg
EAN/UPC - Product/Case	8719514312364
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514312371

Dimensional drawing

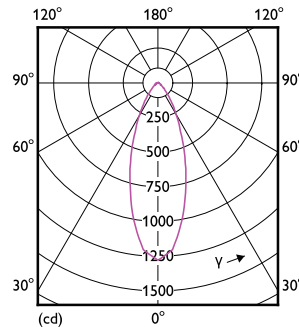


Product	D	C
CoreProLEDspot D8.5-100W R80 E27 827 36D	80 mm	112 mm

Photometric data



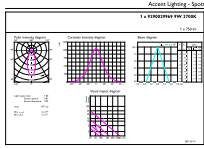
Spectral Power Distribution Colour - CoreProLEDspot D8.5-100W R80 E27 827 36D



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

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Photometric data



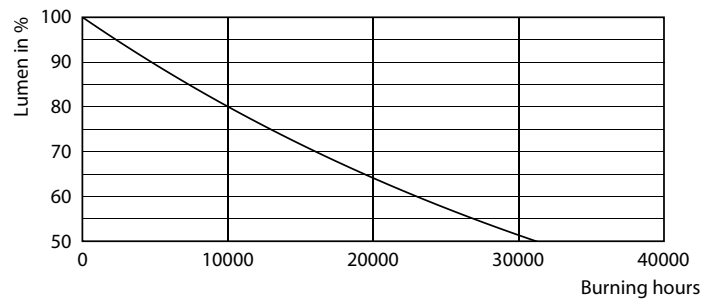
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Accent Lighting Spots - CoreProLEDspot D8.5-100W R80 E27 827 36D

Lifetime



Life Expectancy Diagram



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

