PHILIPS

Lighting



CorePro LEDspot Reflectors

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CoreProLEDspot ND1.8-30W R39 E14 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	E14 [E14]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	150 lm
Luminous Intensity (Nom)	250 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	83.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	150 lm
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	1.8 W
Lamp Current (Nom)	16 mA
Wattage Equivalent	30 W
Starting Time (Nom)	0.1 s
Warm-up time to 60% light	0.1 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	50 °C

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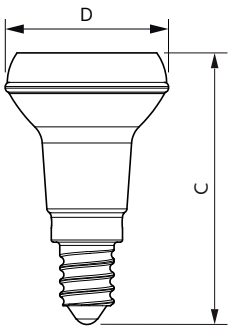
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	R39

Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	2 kWh
EPREL Registration Number	397639
EyeComfort	Yes

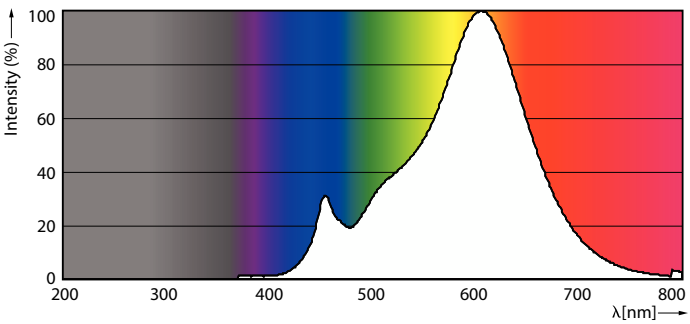
Product Data	
Order product name	CoreProLEDspot ND1.8-30W R39 E14 827 36D
Full product name	CoreProLEDspot ND1.8-30W R39 E14 827 36D
Full product code	871869681171900
Order code	929001890902
Material Nr. (12NC)	929001890902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811719
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811726

Dimensional drawing

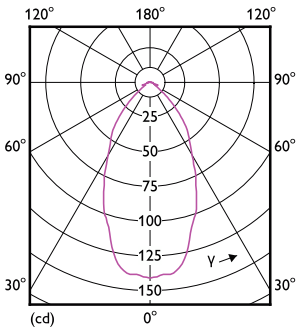


Product	D	C
CoreProLEDspot ND1.8-30W R39 E14 827 36D	39 mm	65 mm

Photometric data



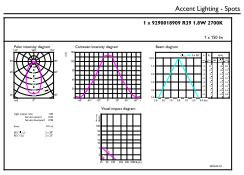
Spectral Power Distribution Colour - CoreProLEDspot ND1.8-30W R39 E14 827 36D



Light Distribution Diagram - CoreProLEDspot ND1.8-30W R39 E14 827 36D

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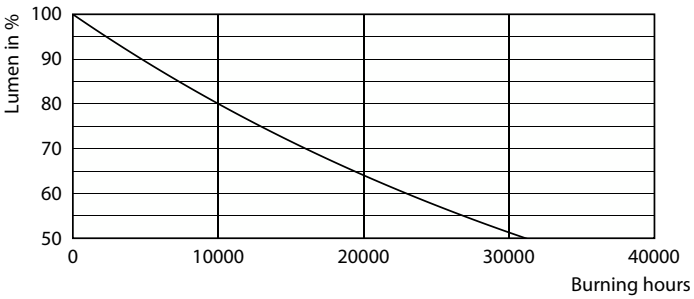
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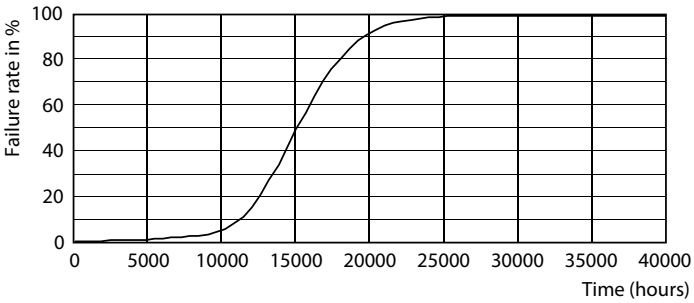


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Accent Lighting Spots - CoreProLEDspot ND1.8-30W R39 E14 827 36D

Lifetime





Lumen Maintenance Diagram - CoreProLEDspot ND1.8-30W R39 E14 827 36D

Life Expectancy Diagram - CoreProLEDspot ND1.8-30W R39 E14 827 36D

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