



CorePro LEDspot Reflectors

CoreProLEDspot D 4.5-60W R63 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 an E27 or E14 base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots Reflectors deliver significant energy savings and minimise maintenance costs.

Product data

General Information	
Cap base	E27
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	620 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	76.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4.5 W
Lamp current (nom.)	25 mA
Wattage equivalent	60 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	
Lamp Finish	Clear
Bulb shape	R63

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Net Weight (Piece)	0.094 kg
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Approval and Application

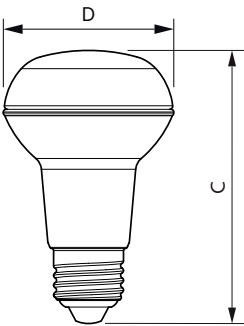
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	397644
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Application Conditions

Can it be used in closed luminaires	No
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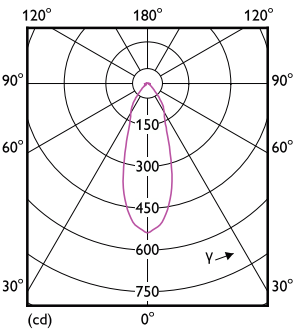
Product Data	
Order product name	CoreProLEDspot D 4.5-60W R63 E27 827 36D
Full product name	CoreProLEDspot D 4.5-60W R63 E27 827 36D
Full EOC	871869681181800
Order code	81181800
Material no. (12 NC)	929001891402
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696811818
Numerator – packs per outer box	6
EAN/UPC – Case	8718696811825

Dimensional drawing

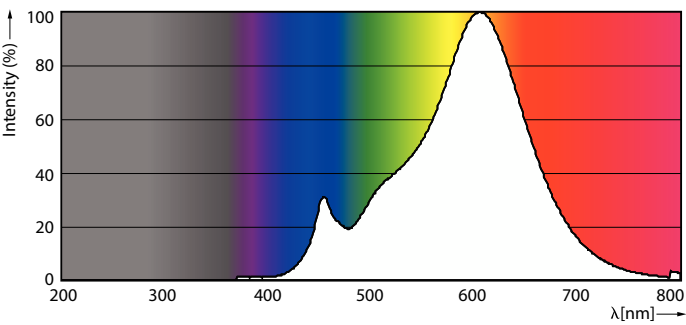


Product	D	C
CoreProLEDspot D 4.5-60W R63 E27 827 36D	63 mm	102 mm

Photometric data



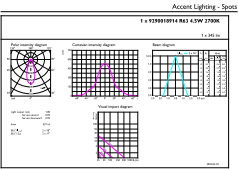
Light Distribution Diagram - CoreProLEDspot D 4.5-60W R63 E27 827 36D



Spectral Power Distribution Colour - CoreProLEDspot D 4.5-60W R63 E27 827 36D

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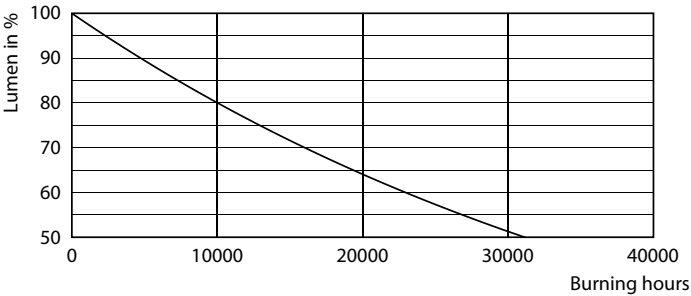
Photometric data



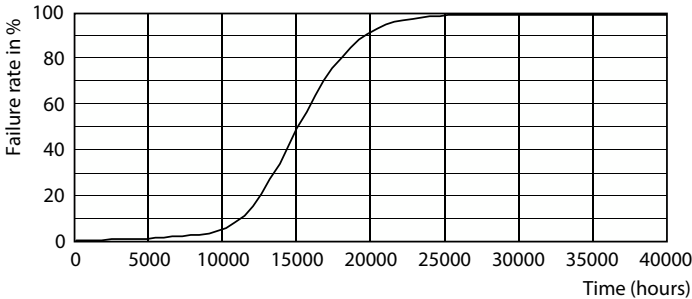
Calculation: Photometric 1.1 Philips Lighting B.V. Page 1/1

Accent Lighting Spots - CoreProLEDspot D 4.5-60W R63 E27 827 36D

Lifetime



Lumen Maintenance Diagram - CoreProLEDspot D 4.5-60W R63 E27 827 36D



LEDspot CorePro 1.8-30W E14 R39 827 36D ND

