



CorePro LEDspot LV



CorePro LEDspot 4.4-35W MR16 827 36D 5CT

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver huge energy savings and minimize maintenance cost.

Product data

General Information		
Cap-Base	GU5.3	
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	345 lm	
Luminous Intensity (Nom)	650 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	78.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	345 lm	
Photobiological safety according to EN 62471 RG1		
Operating and Electrical		
Line Frequency	- Hz	

Input Frequency	- Hz
Power Consumption	4.4 W
Lamp Current (Nom)	520 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	85 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16
Net Weight (Piece)	0.040 kg
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh

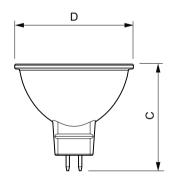
Datasheet, 2025, March 17 data subject to change

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EPREL Registration Number	421457
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	CorePro LEDspot 4.4-35W MR16 827 36D
	5CT

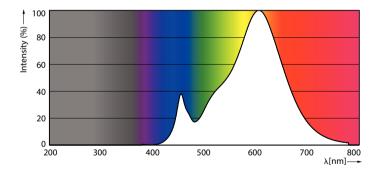
Full product name	CorePro LEDspot 4.4-35W MR16 827 36D
	5CT
Full product code	871951430758200
Order code	929002494652
Material Nr. (12NC)	929002494652
Numerator - Quantity Per Pack	5
EAN/UPC - Product/Case	8719514307582
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514307599

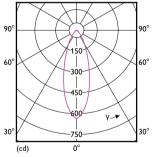
Dimensional drawing



Product	D	С
CorePro LEDspot 4.4-35W MR16 827 36D 5CT	50.5 mm	45.5 mm

Photometric data





180°

120°

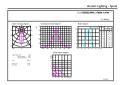
120°

Spectral Power Distribution Colour - CorePro LEDspot 4.4-35W MR16 827 36D 5CT

Light Distribution Diagram - CorePro LEDspot 4.4-35W MR16 827 36D 5CT

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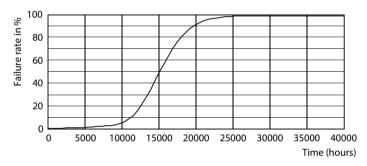
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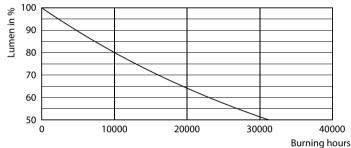


Cato, LoX Photometric 4.5 Philips Lighting ScV. Fago: 171

Accent Lighting Spots - CorePro LEDspot 4.4-35W MR16 827 36D 5CT

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDspot 4.4-35W MR16 827 36D 5CT



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