



CorePro LEDspot LV

CoreProLEDspotLV ND 8.2-50W 827 MR16 36D

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 [GU5.3]	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	621 lm	
Luminous Intensity (Nom)	1,400 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	75.73 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom) 70 %		
Luminous Flux in 90° Cone (Rated)	621 lm	
Operating and Electrical		
Power Consumption	8.2 W	
Lamp Current (Nom)	710 mA	

Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	86 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	10 kWh
Product Data	
Order product name	CoreProLEDspotLV ND 8.2-50W 827 MR16
	36D

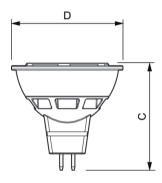
Datasheet, 2023, November 12 data subject to change

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Full product name	CoreProLEDspotLV ND 8.2-50W 827 MR16
	36D
Full product code	871869657947300
Order code	929001240502
Material Nr. (12NC)	929001240502
Numerator - Quantity Per Pack	1

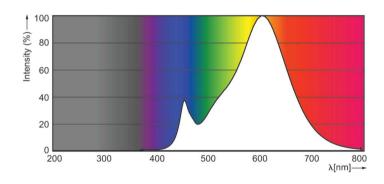
EAN/UPC - Product/Case	8718696579473
Numerator - Packs per outer box	10
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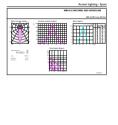
Dimensional drawing



Product	D	С
CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	50 mm	48 mm

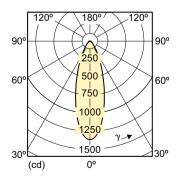
Photometric data





Spectral Power Distribution Colour - CoreProLEDspotLV ND 8.2-50W 827 MR16 36D

General uniform lighting - CoreProLEDspotLV ND 8.2-50W 827 MR16 36D



Light Distribution Diagram - CoreProLEDspotLV ND 8.2-50W 827 MR16 36D

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