



CorePro LEDspot LV

CoreProLEDspotLV ND 8.2-50W 840 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. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information	
Cap base	GU5.3 [GU5.3]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	645 lm
Luminous intensity (nom.)	1,400 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	78.66 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	645 lm
Operating and Electrical	<u> </u>
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	1s		
Power Factor (Fraction)	0.9		
Voltage (nom.)	12 V		
Temperature			
T-Case maximum (nom.)	86 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb shape	MR16 [2 inch/50 mm]		
Approval and Application			
Energy-saving product	Yes		
Suitable for accent lighting	Yes		
Energy consumption kWh/1,000 hours	10 kWh		
Product Data			
Order product name	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D		
Full product name	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D		

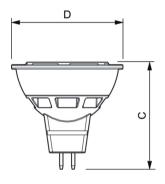
Datasheet, 2023, April 29 data subject to change

CorePro LEDspot LV

Full EOC	871869657949700
Order code	57949700
Material no. (12 NC)	929001240602
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696579497

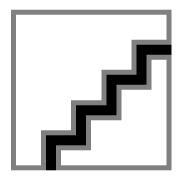
Numerator – packs per outer box	10
EAN/UPC - Case	8718696579503

Dimensional drawing

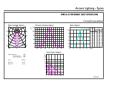


Product	D	С
CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	50 mm	48 mm

Photometric data

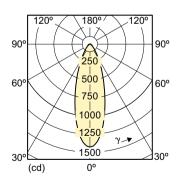


Spectral Power Distribution Colour - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D



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General uniform lighting - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D



Light Distribution Diagram - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D

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