



# 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. 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	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	621 lm
Luminous intensity (nom.)	1,400 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	75.73 lm/W
Colour consistency	<6
Colour 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	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 827 MR16 36D	
Full product name	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	

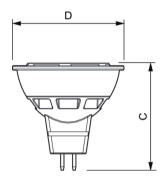
Datasheet, 2023, April 29 data subject to change

## CorePro LEDspot LV

Full EOC	871869657947300
Order code	57947300
Material no. (12 NC)	929001240502
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696579473

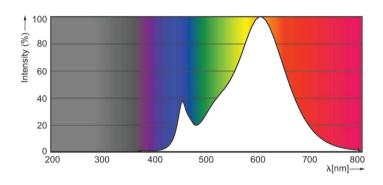
Numerator – packs per outer box	10
EAN/UPC - Case	8718696579480

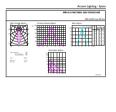
#### Dimensional drawing



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

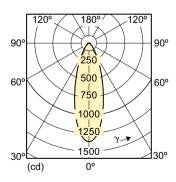
#### Photometric data





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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