# **PHILIPS** Lighting



# **CorePro LEDspot LV**

# CorePro LED spot ND 8-50W MR16 830 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	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	621 lm
Luminous intensity (nom.)	1,100 cd
Colour designation	White (WH)
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	77.63 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 W
Lamp current (nom.)	660 mA
Lamp current (nom.)	660 mA

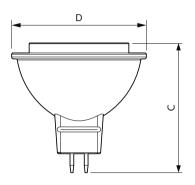
Wattage equivalent	50 W	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.85	
Voltage (nom.)	12 V	
Temperature		
T-Case maximum (nom.)	90 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb shape	MR16 [2 inch/50 mm]	
Approval and Application		
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	9 kWh	
Product Data		
Order product name	CorePro LED spot ND 8-50W MR16 830 36D	
Full product name	CorePro LED spot ND 8-50W MR16 830 36D	
Full EOC	871869671069200	

## CorePro LEDspot LV

Order code	71069200
Material no. (12 NC)	929001345002
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696710692

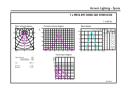
Numerator – packs per outer box	10
EAN/UPC - Case	8718696710708

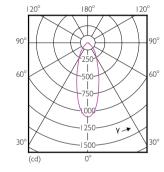
#### Dimensional drawing



Product	D	с
CorePro LED spot ND 8-50W MR16 830 36D	51 mm	50 mm

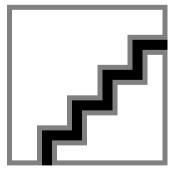
#### Photometric data





Accent Lighting Spots - CorePro LED spot ND 8-50W MR16 830 36D

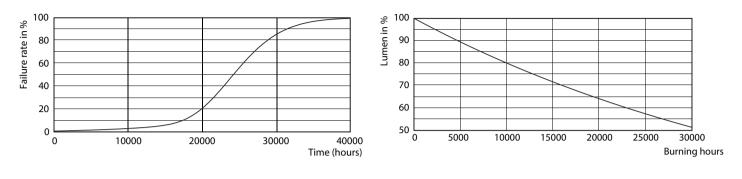
Light Distribution Diagram - CorePro LED spot ND 8-50W MR16 830 36D



Spectral Power Distribution Colour - CorePro LED spot ND 8-50W MR16 830 36D

### CorePro LEDspot LV

#### Lifetime



Life Expectancy Diagram - CorePro LED spot ND 8-50W MR16 830 36D

Lumen Maintenance Diagram - CorePro LED spot ND 8-50W MR16 830 36D



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