PHILIPS Lighting



CorePro LEDspot LV

CorePro LED spot ND 8-50W MR16 827 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)	1,100 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	77.63 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 W
Lamp Current (Nom)	660 mA

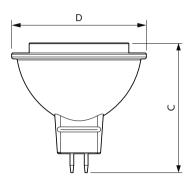
Wattage Equivalent	50 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.85	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	90 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	9 kWh	
Product Data		
Order product name	CorePro LED spot ND 8-50W MR16 827 36D	
Full product name	CorePro LED spot ND 8-50W MR16 827 36D	
Full product code	871869671067800	

CorePro LEDspot LV

Order code	929001344902
Material Nr. (12NC)	929001344902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696710678

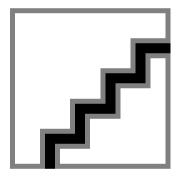
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696710685

Dimensional drawing

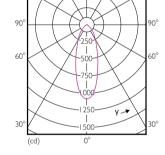


Product	D	с
CorePro LED spot ND 8-50W MR16 827 36D	51 mm	50 mm

Photometric data



Accent Lighting Spots - CorePro LED spot ND 8-50W MR16 827 36D

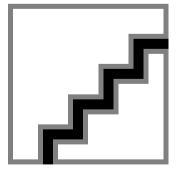


180°

120°

120°

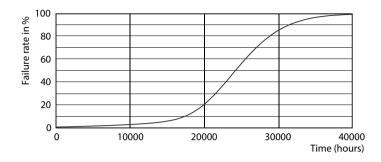
Light Distribution Diagram - CorePro LED spot ND 8-50W MR16 827 36D



Spectral Power Distribution Colour - CorePro LED spot ND 8-50W MR16 827 36D

CorePro LEDspot LV

Lifetime



Life Expectancy Diagram - CorePro LED spot ND 8-50W MR16 827 36D

Lumen Maintenance Diagram - CorePro LED spot ND 8-50W MR16 827 36D



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 6 - data subject to change