



# CorePro LEDspot LV



# CorePro LED spot ND 2.9-20W 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	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Narrow Cone	
Light Technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	230 lm	
Luminous Intensity (Nom)	560 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	79.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	230 lm	
Photobiological safety according to EN 62471 RG1		
Operating and Electrical		
Line Frequency	- Hz	

Input Frequency	- Hz
Power Consumption	2.9 W
Lamp Current (Nom)	340 mA
Wattage Equivalent	20 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	75 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16
Net Weight (Piece)	0.045 kg
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	3 kWh

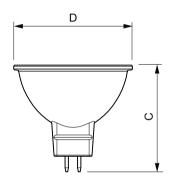
Datasheet, 2025, March 17 data subject to change

## CorePro LEDspot LV

<b>EPREL Registration Number</b>	421456
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	CorePro LED spot ND 2.9-20W MR16 827
	36D

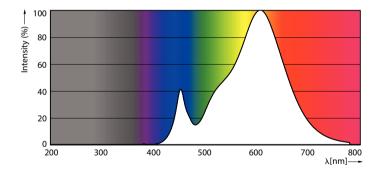
Full product name	CorePro LED spot ND 2.9-20W MR16 827
	36D
Full product code	871951430704900
Order code	929002494502
Material Nr. (12NC)	929002494502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514307049
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514307056

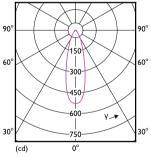
### Dimensional drawing



Product	D	С
CorePro LED spot ND 2.9-20W MR16 827 36D	50.5 mm	45.5 mm

#### Photometric data





180°

120°

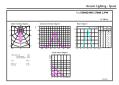
120°

Spectral Power Distribution Colour - CorePro LED spot ND 2.9-20W MR16 827 36D

Light Distribution Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D

## CorePro LEDspot LV

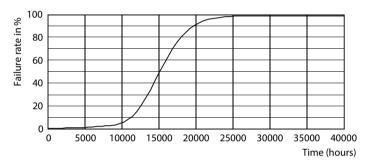
#### Photometric data

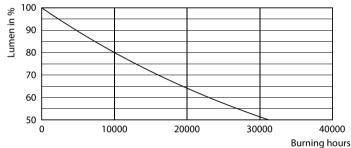


Calculus Photometrics 4.5 Philips Lighting Scv. Fagor 1H

Accent Lighting Spots - CorePro LED spot ND 2.9-20W MR16 827 36D

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



© 2025 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.