# **PHILIPS** Lighting



# **CorePro LEDspot LV**

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# CorePro LED spot ND4.4-35WMR16 827 36DUK

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	
Lighting Technology	LED
Switching Cycle	50,000
Nominal lifetime	15,000 h
Cap base	GU5.3 [GU5.3]
Light technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	650 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 К
Luminous Efficacy (rated) (Nom)	78 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm
Operating and electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	4.4 W

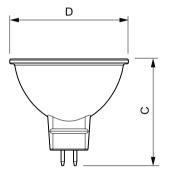
Lamp current (nom.)	520 mA	
Wattage equivalent	35 W	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.6	
Voltage (nom.)	ac electronic 12 V	
Temperature		
T-Case maximum (nom.)	85 ℃	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb shape	MR16 [2 inch/50 mm]	
Approval and application		
Energy Efficiency Class	F	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	5 kWh	
EPREL registration number	421457	
EU RoHS compliant	Yes	

# CorePro LEDspot LV

Product data	
Full EOC	871951430706301
Order product name	CorePro LED spot ND4.4-35WMR16 827 36DUK
Order code	30706301
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10

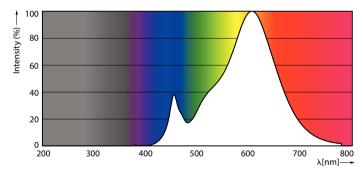
Material number (12NC)	929002494699	
Full product name	CorePro LED spot ND4.4-35WMR16 827 36DUK	
EAN/UPC - Case	8719514405462	

### Dimensional drawing

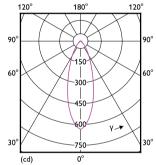


Product	D	с
CorePro LED spot ND4.4-35WMR16 827 36DUK	50.5 mm	45.5 mm

#### Photometric data



Spectral Power Distribution Colour - CorePro LED spot ND4.4-35WMR16 827 36DUK



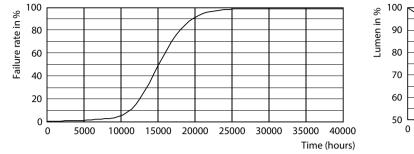
Light Distribution Diagram - CorePro LED spot ND4.4-35WMR16 827 36DUK

	1 × 9270824546 2790K 4.4W
	1 x 26 lm
in an	

Accent Lighting Spots - CorePro LED spot ND4.4-35WMR16 827 36DUK

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#### Lifetime



Life Expectancy Diagram - CorePro LED spot ND4.4-35WMR16 827 36DUK

90 90 80 70 60 50 0 1000 2000 3000 40000 Burning hours

Lumen Maintenance Diagram - CorePro LED spot ND4.4-35WMR16 827 36DUK



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