# **PHILIPS** Lighting



# **CorePro LEDspot LV**

# CorePro LED spot ND 4.4-35W 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	
Flux measurement reference	Narrow Cone	
Light Technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	345 lumen	
Luminous Intensity (Nom)	650 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	78 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	345 lumen	
Operating and Electrical		
Line Frequency	- Hz	
Input Frequency	- Hz	

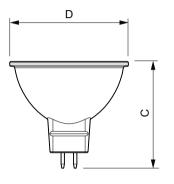
Power Consumption	4.4 W	
Lamp Current (Nom)	520 mA	
Wattage Equivalent	35 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.6	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	85 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	5 kWh	
EPREL Registration Number	421,457	
CE mark	Yes	

# CorePro LEDspot LV

EU RoHS compliant	Yes	
Product Data		
Full product code	871951430706300	
Order product name	CorePro LED spot ND 4.4-35W MR16 827 36D	
Order code	929002494602	
Numerator - Quantity Per Pack	1	

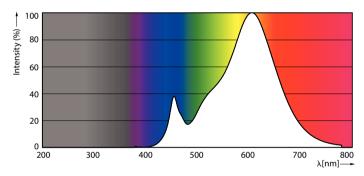
Numerator - Packs per outer box	10	
Material number (12NC)	929002494602	
Net weight	0.045 kg	
Full product name	CorePro LED spot ND 4.4-35W MR16 827 36D	
EAN/UPC - Case	8719514307070	

### **Dimensional drawing**

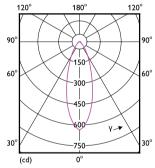


Product	D	С
CorePro LED spot ND 4.4-35W MR16 827 36D	50.5 mm	45.5 mm

#### Photometric data



Spectral Power Distribution Colour - CorePro LED spot ND 4.4-35W MR16 827 36D



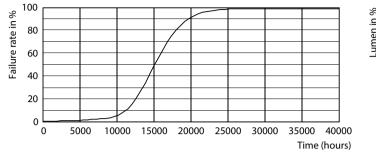
Light Distribution Diagram - CorePro LED spot ND 4.4-35W MR16 827 36D

	Accent Lighting - Sp
	1 × 9290824546 2790K 4.4W

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## CorePro LEDspot LV

#### Lifetime



Life Expectancy Diagram - CorePro LED spot ND 4.4-35W MR16 827 36D

Lumen Maintenance Diagram - CorePro LED spot ND 4.4-35W MR16 827 36D



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