



# CorePro LEDspot LV



## CorePro LED spot ND 7-50W 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
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	621 lumen
Luminous Intensity (Nom)	1,400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	88 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 lumen

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7 W
Lamp Current (Nom)	730 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	12 V

Temperature	
T-Case Maximum (Nom)	85 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes

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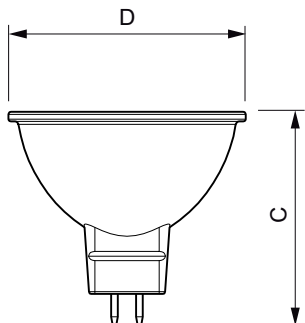
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	465221
EyeComfort	Yes

## Product Data

Full product code	871869681471000
Order product name	CorePro LED spot ND 7-50W MR16 827 36D
Order code	929001904802

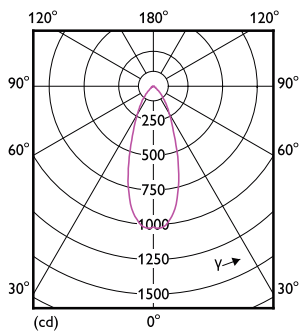
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001904802
Full product name	CorePro LED spot ND 7-50W MR16 827 36D
EAN/UPC - Case	8718696814727
EAN/UPC - Product/Case	8718696814710

## Dimensional drawing

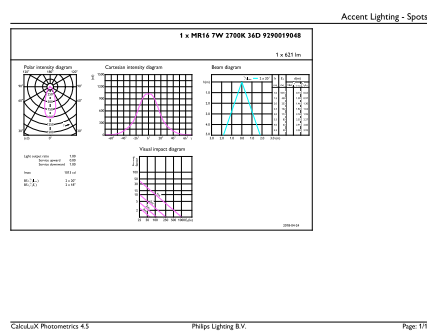


Product	D	C
CorePro LED spot ND 7-50W MR16 827 36D	50.5 mm	45 mm

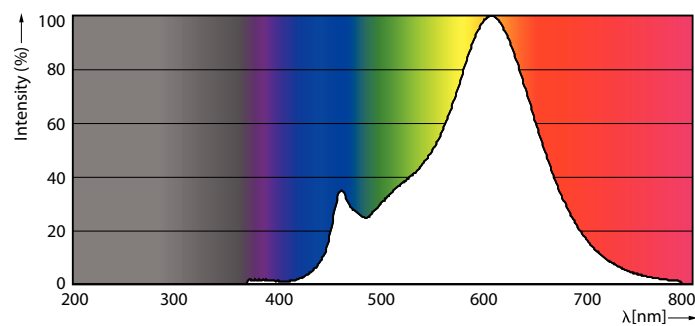
## Photometric data



**Light Distribution Diagram - CorePro LED spot ND 7-50W MR16 827 36D**



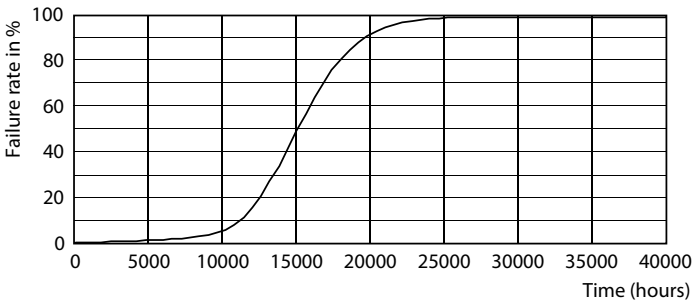
Accent Lighting Spots - CorePro LED spot ND 7-50W MR16 827 36D



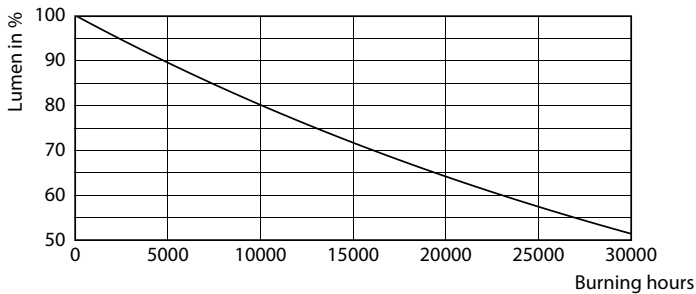
**Spectral Power Distribution Colour - CorePro LED spot ND 7-50W MR16 827 36D**

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Lifetime



Life Expectancy Diagram - CorePro LED spot ND 7-50W MR16 827 36D



Lumen Maintenance Diagram - CorePro LED spot ND 7-50W MR16 827 36D

