



CorePro LED spot LV



CorePro LED spot ND 7-50W MR16 840 36D

CorePro, LEDspot, MR16, 50 W, GU5.3, 4000 K, 660 lm, CRI 80, 15000 h, Glass

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	
Cap base	GU5.3
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	2 years
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	660 lm
Luminous intensity (nom.)	1,500 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	94.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Luminous flux in 90° cone (rated)	660 lm
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

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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	MR16
Net Weight (Piece)	0.034 kg

Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	7 kWh
EPREL Registration Number	465223
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

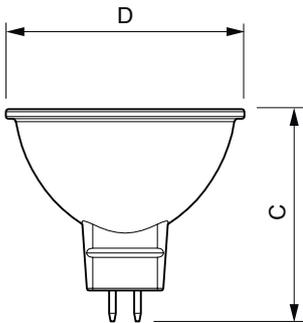
Application Conditions

Can it be used in closed luminaires	No
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Product Data

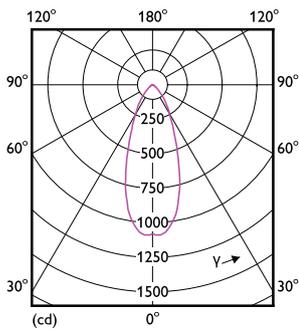
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Full EOC	871869681479600
Order code	929001905002
Material no. (12 NC)	929001905002
Numerator – quantity per pack	1
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Numerator – packs per outer box	10
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Dimensional drawing

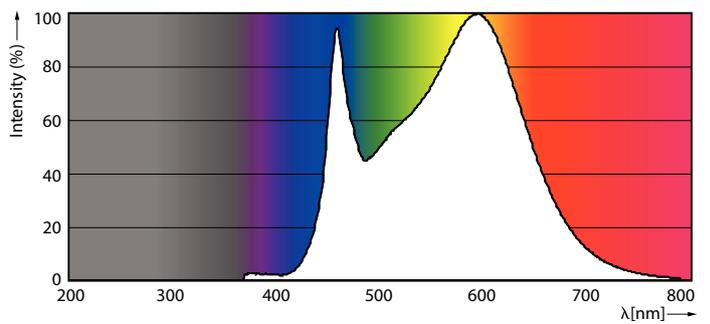


Product	D	C
CorePro LED spot ND 7-50W MR16 840 36D	50.5 mm	45 mm

Photometric data



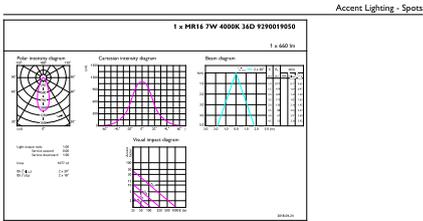
Light Distribution Diagram - CorePro LED spot ND 7-50W MR16 840 36D



Spectral Power Distribution Colour - CorePro LED spot ND 7-50W MR16 840 36D

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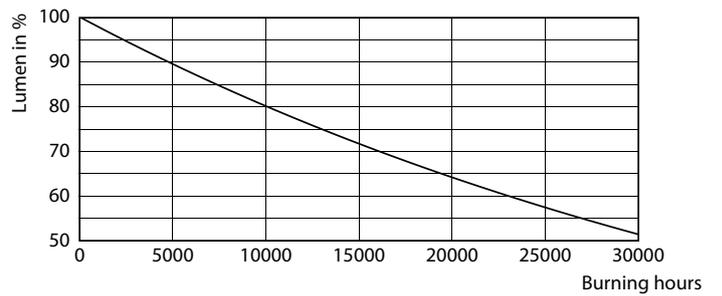
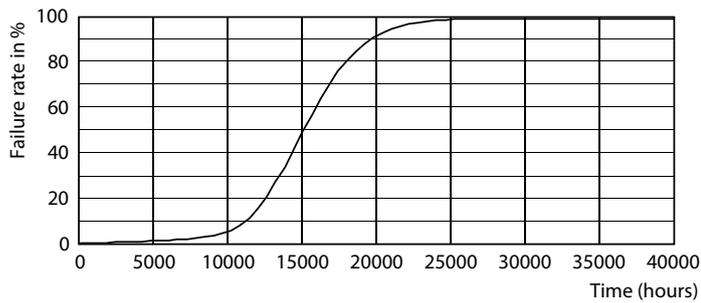
Photometric data



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Accent Lighting Spots - CorePro LED spot ND 7-50W MR16 840 36D

Lifetime



LEDspot Corepro 7-50W GU5.3 MR16 827 36D ND

Lumen Maintenance Diagram - CorePro LED spot ND 7-50W MR16 840 36D

