



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 hour(s), Glass

CorePro, LEDspot, MR16, 50 W, GU5.3, 4000 K, 660 lm, CRI 80, 15000 hour(s), Glass, 94.00 lm/W, EEL F, PF 0.8, Beam angle 36 degree(s), IP20

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	2 years
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	660 lm
Luminous Intensity (Nom)	1,500 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	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
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	MR16

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Net Weight (Piece)	0.034 kg
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Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	465223
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

Application Conditions

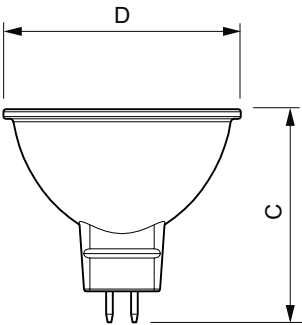
can it be used in closed luminaires	No
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Wireless Technology	Not applicable
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Product Data

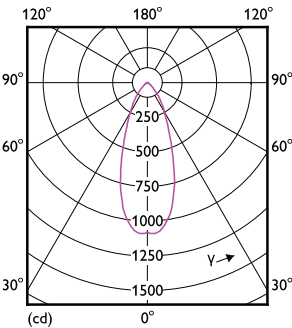
Order product name	CorePro LED spot ND 7-50W MR16 840 36D
Full product name	CorePro LED spot ND 7-50W MR16 840 36D
Full product code	871869681479600
Order code	929001905002
Material Nr. (12NC)	929001905002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696814796
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696814802

Dimensional drawing

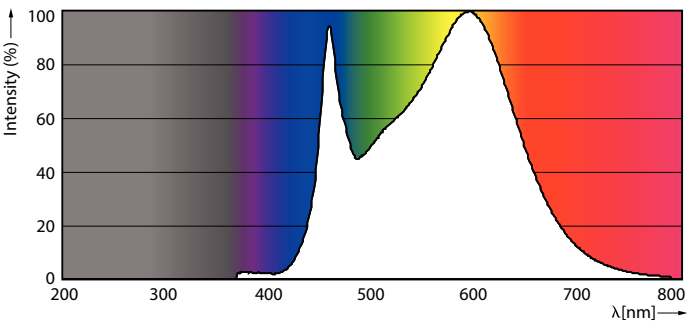


Product	D	C
CorePro LED spot ND 7-50W MR16 840 36D	50.5 mm	45 mm

Photometric data



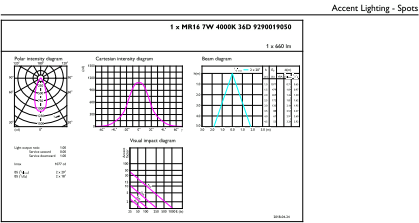
Light Distribution Diagram - CorePro LED spot ND 7-50W MR16 840 36D



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

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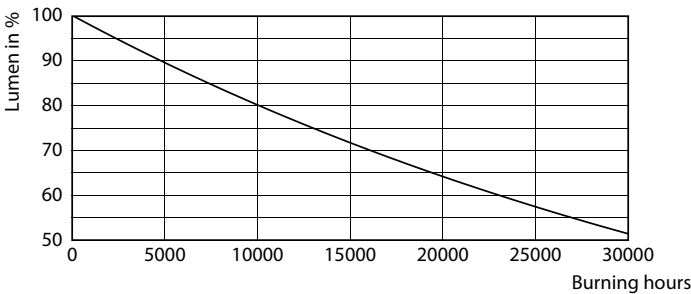
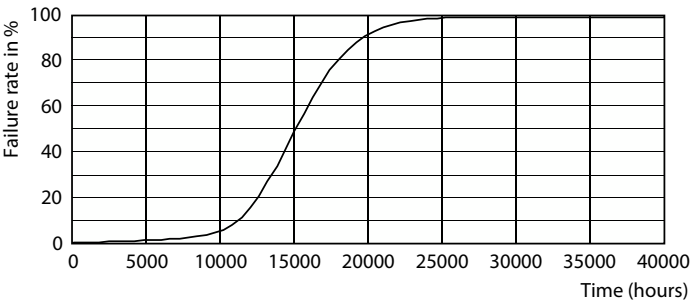
Photometric data



Calculation: Photometrics 4.3 Philips Lighting B.V. Page: 1/1

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

