



CorePro LEDspot LV

CoreProLEDspotLV ND 8.2-50W 840 MR16 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
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	645 lm
Luminous Intensity (Nom)	1,400 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	78.66 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	645 lm
Operating and Electrical	
Power Consumption	8.2 W
Lamp Current (Nom)	710 mA

Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	86 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	10 kWh
Product Data	
Order product name	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D

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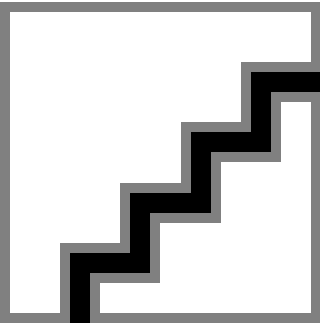
Full product name	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D
Full product code	871869657949700
Order code	929001240602
Material Nr. (12NC)	929001240602
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8718696579497
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696579503

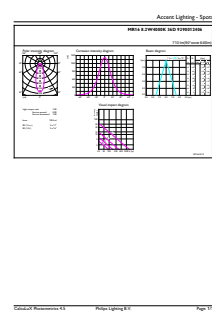
Dimensional drawing

Product	D	C
CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	50 mm	48 mm

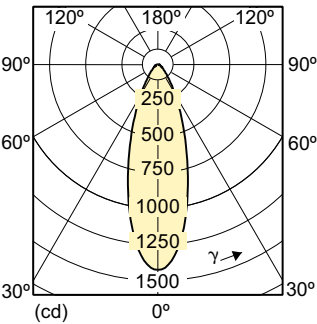
Photometric data



Spectral Power Distribution Colour - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D



General uniform lighting - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D



Light Distribution Diagram - CoreProLEDspotLV ND 8.2-50W 840 MR16 36D

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