



CorePro LEDspot LV

CorePro LED spot ND 8-50W MR16 840 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		Wattage Equivalent	
Cap-Base	GU5.3 [GU5.3]	50 W	
Nominal lifetime	15,000 hour(s)	Starting Time (Nom)	
Switching Cycle	50,000	0.5 s	
Lighting Technology	LED	Warm-up time to 60% light	
EU RoHS compliant	Yes	0.5 s	
Light Technical		Power Factor (Fraction)	
Color Code	840 [CCT of 4000K]	0.85	
Beam Angle (Nom)	36 degree(s)	Voltage (Nom)	
Luminous Flux	630 lm	12 V	
Luminous Intensity (Nom)	1,100 cd	Temperature	
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	
Correlated Color Temperature (Nom)	4000 K	90 °C	
Luminous Efficacy (rated) (Nom)	78.75 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	
Color rendering index (CRI)	80	No	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Luminous Flux in 90° Cone (Rated)	630 lm	Bulb Shape	
Operating and Electrical		MR16 [2inch/50mm]	
Power Consumption	8 W	Approval and Application	
Lamp Current (Nom)	660 mA	Suitable For Accent Lighting	
		Yes	
		Energy Consumption kWh/1000 h	
		9 kWh	
		EyeComfort	
		Yes	
		Product Data	
		Order product name	
		CorePro LED spot ND 8-50W MR16 840 36D	
		Full product name	
		CorePro LED spot ND 8-50W MR16 840 36D	

CorePro LEDspot LV

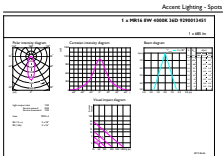
Full product code	871869671089000
Order code	929001345102
Material Nr. (12NC)	929001345102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696710890

Numerator - Packs per outer box	10
EAN/UPC - Case	8718696710906

Dimensional drawing

Product	D	C
CorePro LED spot ND 8-50W MR16 840 36D	51 mm	50 mm

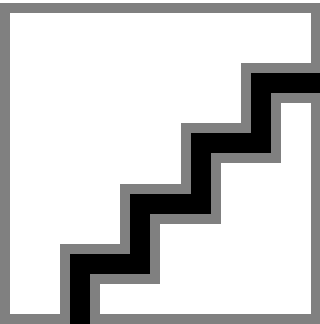
Photometric data



Technical Information 11 Beam Lighting 11 Page 11

Accent Lighting Spots - CorePro LED spot ND 8-50W MR16 840 36D

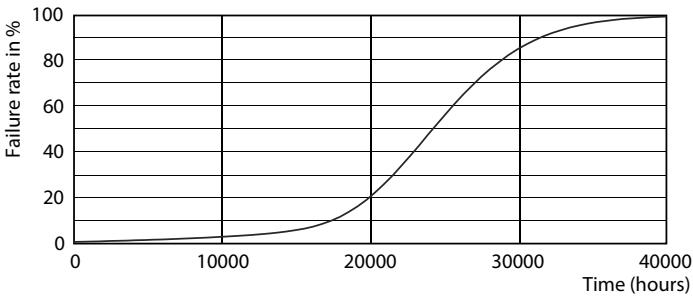
Light Distribution Diagram - CorePro LED spot ND 8-50W MR16 840 36D



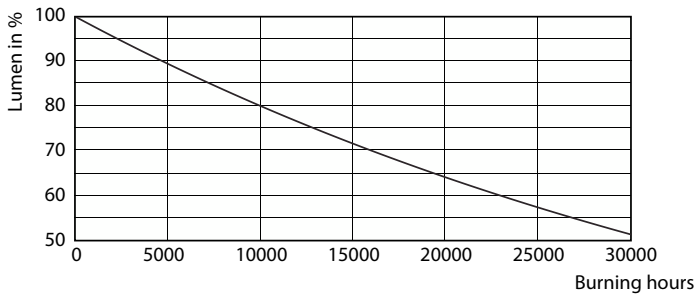
Spectral Power Distribution Colour - CorePro LED spot ND 8-50W MR16 840 36D

CorePro LEDspot LV

Lifetime



Life Expectancy Diagram - CorePro LED spot ND 8-50W MR16 840 36D



Lumen Maintenance Diagram - CorePro LED spot ND 8-50W MR16 840 36D

