



CorePro LEDspot LV

CorePro LED spot ND 5-35W 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. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

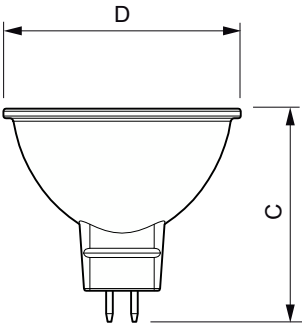
General Information			
Cap base	GU5.3 [GU5.3]	Power Consumption	5 W
Nominal lifetime	15,000 h	Lamp current (nom.)	575 mA
Switching Cycle	50,000	Wattage equivalent	35 W
Lighting Technology	LED	Starting time (nom.)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.6
Colour Code	840 [CCT of 4000K]	Voltage (nom.)	12 V
Beam angle (nom.)	36 degree(s)	Temperature	
Luminous Flux	390 lm	T-Case maximum (nom.)	82 °C
Luminous intensity (nom.)	650 cd	Controls and Dimming	
Colour designation	Cool White (CW)	Dimmable	No
Correlated Colour Temperature	4000 K	Mechanical and Housing	
Luminous efficacy (rated) (nom.)	78.00 lm/W	Bulb shape	MR16 [2 inch/50 mm]
Colour consistency	<6	Approval and Application	
Colour rendering index (CRI)	80	Suitable for accent lighting	Yes
LLMF at end of nominal lifetime (nom.)	70 %	Energy consumption kWh/1,000 hours	6 kWh
Luminous flux in 90° cone (rated)	390 lm	EyeComfort	Yes
Operating and Electrical			
Line Frequency	- Hz		
Input frequency	- Hz		

CorePro LEDspot LV

Product Data	
Order product name	CorePro LED spot ND 5-35W MR16 840 36D
Full product name	CorePro LED spot ND 5-35W MR16 840 36D
Full EOC	871869671065400
Order code	71065400
Material no. (12 NC)	929001344502

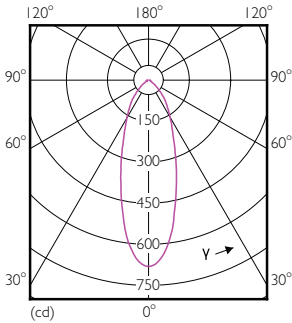
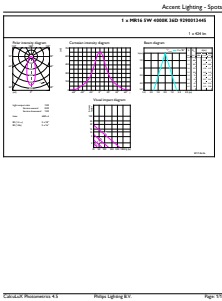
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696710654
Numerator – packs per outer box	10
EAN/UPC – Case	8718696710661

Dimensional drawing



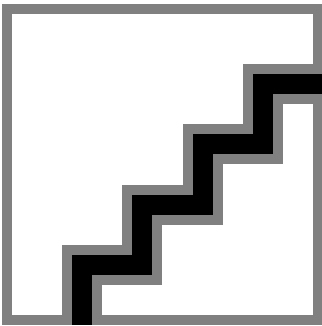
Product	D	C
CorePro LED spot ND 5-35W MR16 840 36D	51 mm	46 mm

Photometric data



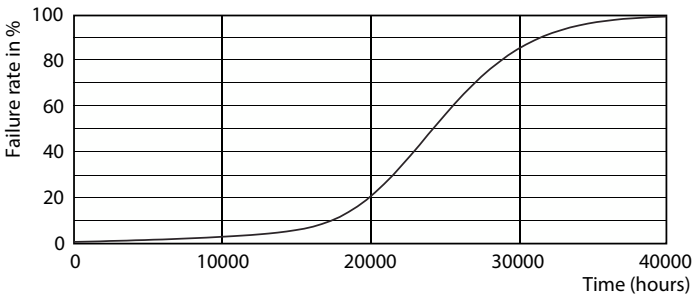
Accent Lighting Spots – CorePro LED spot ND 5-35W MR16 840 36D

Light Distribution Diagram – CorePro LED spot ND 5-35W MR16 840 36D

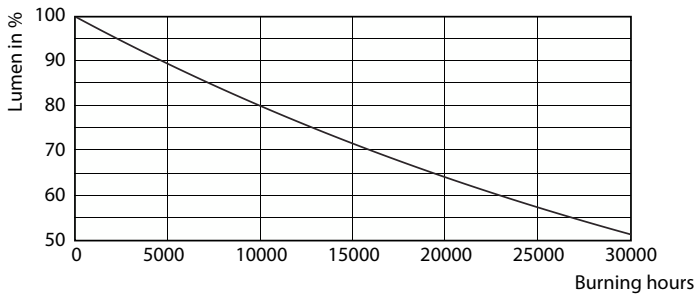


Spectral Power Distribution Colour – CorePro LED spot ND 5-35W MR16 840 36D

Lifetime



Life Expectancy Diagram - CorePro LED spot ND 5-35W MR16 840 36D



Lumen Maintenance Diagram - CorePro LED spot ND 5-35W MR16 840 36D

