



Essential LEDspot MR16

LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

Product data

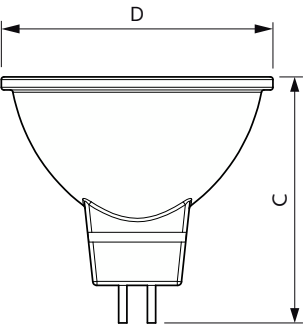
General Information			
Cap-Base	GU5.3 [GU5.3]	Input Frequency	60 Hz
Nominal lifetime	15,000 hour(s)	Power Consumption	4.5 W
Switching Cycle	50,000	Lamp Current (Nom)	55 mA
Lighting Technology	LED	Wattage Equivalent	50 W
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	830 [CCT of 3000K]	Power Factor (Fraction)	0.5
Beam Angle (Nom)	36 degree(s)	Voltage (Nom)	120 V
Luminous Flux	400 lm	Temperature	
Luminous Intensity (Nom)	750 cd	T-Case Maximum (Nom)	65 °C
Color Designation	White (WH)	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 K	Dimmable	Yes
Luminous Efficacy (rated) (Nom)	88.00 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Shape	MR16 [2inch/50mm]
Color rendering index (CRI)	80	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Suitable For Accent Lighting	Yes
Operating and Electrical			
Line Frequency	60 Hz		

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Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC
Full product name	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC
Full product code	871869680907500
Order code	929001874471

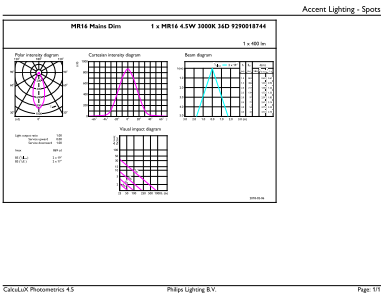
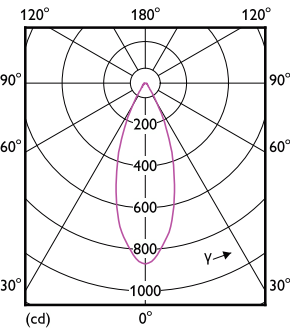
Material Nr. (12NC)	929001874471
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534981
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534986

Dimensional drawing



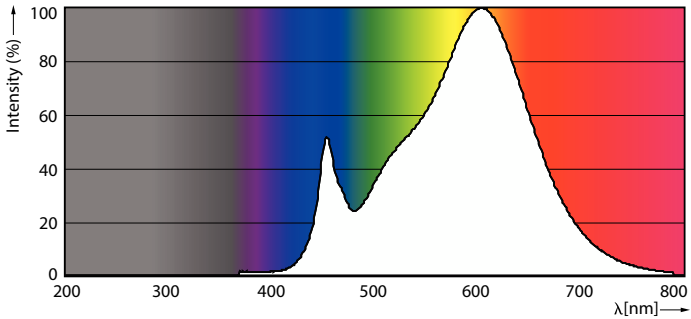
Product	D	C
LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	50.5 mm	46.5 mm

Photometric data



Light Distribution Diagram - LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC

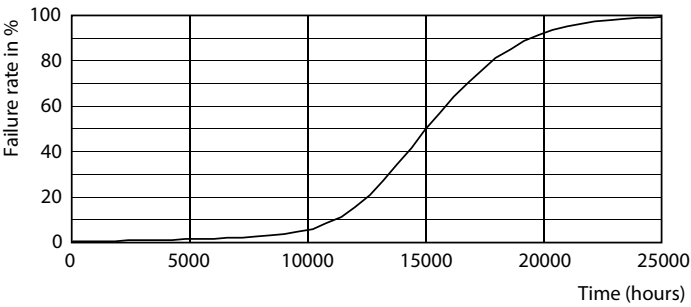
Accent Lighting Spots - LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC



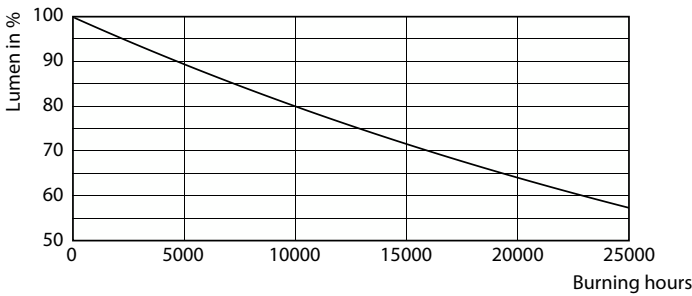
Spectral Power Distribution Colour - LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC

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Lifetime



Life Expectancy Diagram - LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC



Lumen Maintenance Diagram - LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC

