



Essential LEDspot MR16

LED MR16 4.5-50W 36D 830 100-240V 1BC/6

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		Input Frequency	
Cap-Base	GU5.3 [GU5.3]	Power Consumption	4.5 W
Nominal lifetime	15,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	1 s
Lighting Technology	LED	Power Factor (Fraction)	0.4
EU RoHS compliant	Yes	Voltage (Nom)	100-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	90 °C
Beam Angle (Nom)	36 degree(s)	Controls and Dimming	
Luminous Flux	400 lm	Dimmable	No
Luminous Intensity (Nom)	750 cd	Mechanical and Housing	
Color Designation	White (WH)	Bulb Shape	MR16 [2inch/50mm]
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	88.00 lm/W	Suitable For Accent Lighting	Yes
Color Consistency	<6	Product Data	
Color rendering index (CRI)	80	Order product name	LED MR16 4.5-50W 36D 830 100-240V 1BC/6
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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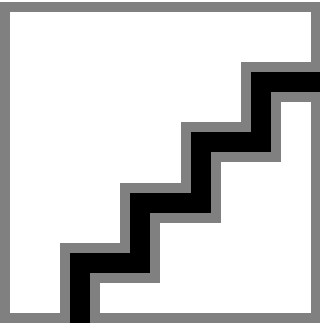
Full product name	LED MR16 4.5-50W 36D 830 100-240V 1BC/6
Full product code	871869679106600
Order code	929001274492
Material Nr. (12NC)	929001274492
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8718696791066
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696791073

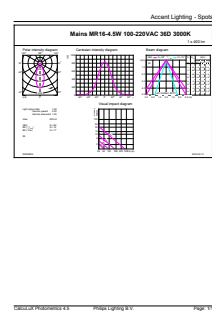
Dimensional drawing

Product	D	C
LED MR16 4.5-50W 36D 830 100-240V 1BC/6	51 mm	49 mm

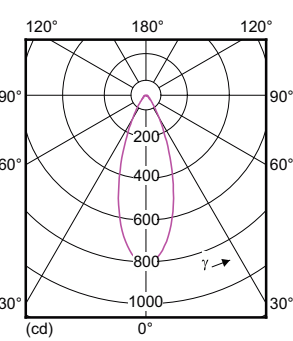
Photometric data



Spectral Power Distribution Colour - LED MR16 4.5-50W 36D 830 100-240V 1BC/6



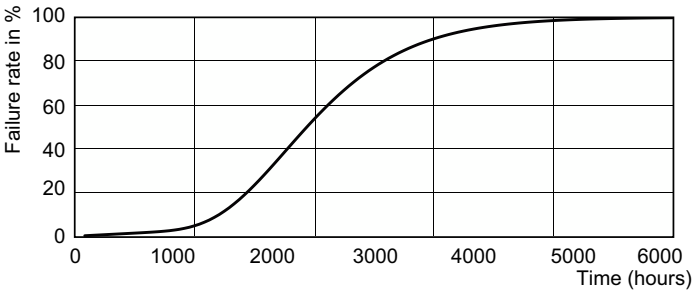
General uniform lighting - LED MR16 4.5-50W 36D 830 100-240V 1BC/6



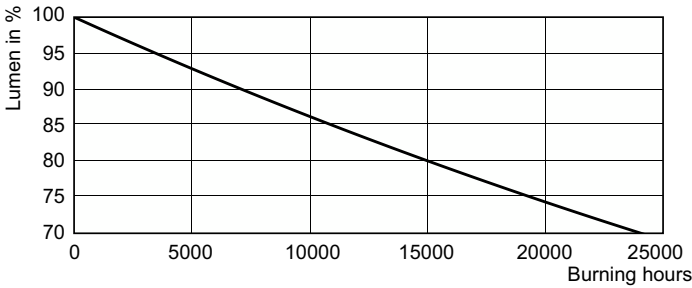
Light Distribution Diagram - LED MR16 4.5-50W 36D 830 100-240V 1BC/6

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Lifetime



Life Expectancy Diagram - LED MR16 4.5-50W 36D 830 100-240V 1BC/6



Lumen Maintenance Diagram - LED MR16 4.5-50W 36D 830 100-240V 1BC/6

