



Essential LEDspot MR16

LED MR16 4.5-50W 36D 865 100-240V 1BC/4

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	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Power Consumption	4.5 W
Switching Cycle	50,000	Wattage Equivalent	50 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	1 s
Light Technical		Power Factor (Fraction)	0.4
Color Code	865 [CCT of 6500K]	Voltage (Nom)	100-240 V
Beam Angle (Nom)	36 degree(s)	Temperature	
Luminous Flux	400 lm	T-Case Maximum (Nom)	90 °C
Luminous Intensity (Nom)	750 cd	Controls and Dimming	
Color Designation	Cool Daylight	Dimmable	No
Correlated Color Temperature (Nom)	6500 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	88.89 lm/W	Bulb Shape	MR16 [2inch/50mm]
Color Consistency	<6	Approval and Application	
Color rendering index (CRI)	80	Suitable For Accent Lighting	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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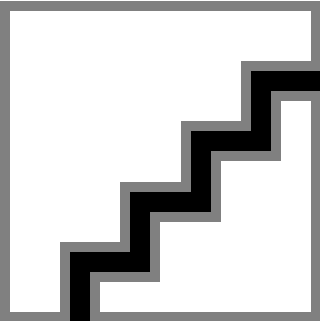
Product Data	
Order product name	LED MR16 4.5-50W 36D 865 100-240V 1BC/4
Full product name	LED MR16 4.5-50W 36D 865 100-240V 1BC/4
Order code	929001274811
Material Nr. (12NC)	929001274811
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	046677466930
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677466935

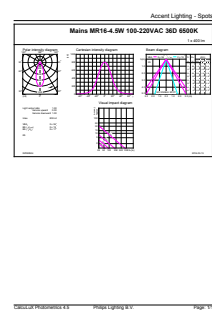
Dimensional drawing

Product	D	C
LED MR16 4.5-50W 36D 865 100-240V 1BC/4	51 mm	49 mm

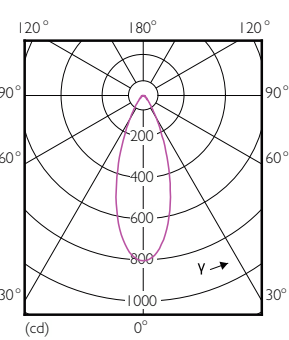
Photometric data



Spectral Power Distribution Colour - LED MR16 4.5-50W 36D 865 100-240V 1BC/4



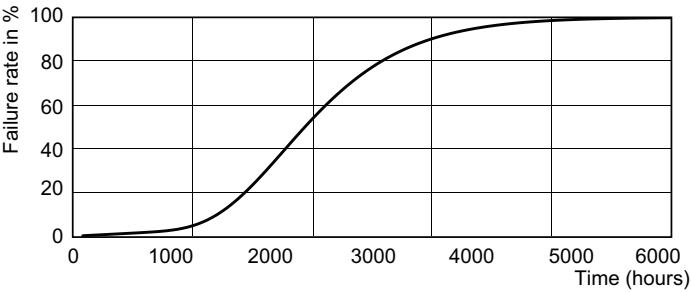
General uniform lighting - LED MR16 4.5-50W 36D 865 100-240V 1BC/4



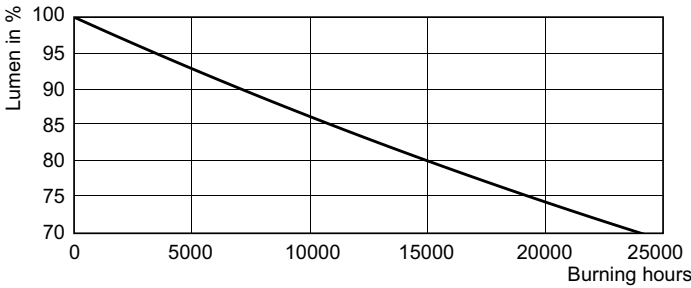
Light Distribution Diagram - LED MR16 4.5-50W 36D 865 100-240V 1BC/4

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Lifetime



Life Expectancy Diagram - LED MR16 4.5-50W 36D 865 100-240V 1BC/4



Lumen Maintenance Diagram - LED MR16 4.5-50W 36D 865 100-240V 1BC/4

