PHILIPS Lighting



Essential LEDspot MR16

ESS LED MR16 4.5-50W 36D 830 SO 100-240V

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

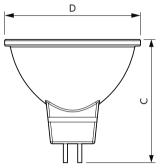
eneral information		Wattage Equivalent	50 W	
ap-Base	GU5.3 [GU5.3]	Starting Time (Nom)	0.5 s	
U RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s	
Nominal Lifetime (Nom)	15000 h	Power Factor (Nom)	0.4	
Switching Cycle	50000	Voltage (Nom)	100-240 V	
Light technical		Temperature		
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	65 °C	
Beam Angle (Nom)	36 °			
uminous Flux (Nom)	400 lm	Controls and dimming	Controls and dimming	
uminous Intensity (Nom)	700 cd	Dimmable	No	
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3000 K	Mechanical and housing	Mechanical and housing	
uminous Efficacy (rated) (Nom)	88.00 lm/W	Bulb Shape	MR16 [2inch/50mm]	
Color Consistency	<6			
Color Rendering Index (Nom)	80	Approval and application		
LLMF At End Of Nominal Lifetime (Nom) 70 %		Suitable For Accent Lighting	Yes	
		Energy Consumption kWh/1000 h	4.5 kWh	
Operating and electrical				
nput Frequency	50 to 60 Hz	Product data		
Power (Nom)	4.5 W	Full product code	871869680919800	

Essential LEDspot MR16

Order product name	ESS LED MR16 4.5-50W 36D 830 SO	
	100-240V	
EAN/UPC - Product	8718696809198	
Order code	929001874008	
Numerator - Quantity Per Pack	1	

Numerator - Packs per outer box	10	
Material Nr. (12NC)	929001874008	
Net Weight (Piece)	0.038 kg	

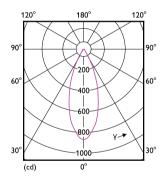
Dimensional drawing



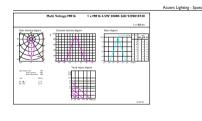
Product	D	c
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm

ESS LED MR16 4.5-50W 36D 830 SO 100-240V

Photometric data

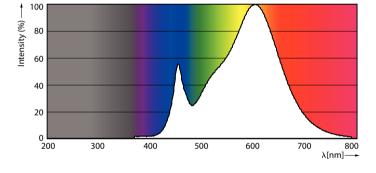


50W GU5-3 MR16 36D 830 3000K



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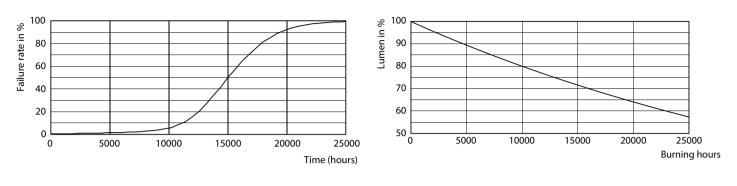
50W GU5-3 MR16 36D 830 3000K





Essential LEDspot MR16

Lifetime



50W GU5-3 MR16

50W GU5-3 MR16



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