



Essential LEDspot MR16

ESS LED MR16 4.5-50W 36D 865 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

General information		
Cap-Base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	15000 h	
Switching Cycle	50000	
Light technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	36 °	
Luminous Flux (Nom)	400 lm	
Luminous Intensity (Nom)	700 cd	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	88.00 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom) 70 %		
Operating and electrical		
Input Frequency	50 to 60 Hz	
Power (Nom)	4.5 W	

Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.4
Voltage (Nom)	100-240 V
Temperature	
T-Case Maximum (Nom)	65 ℃
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4.5 kWh
Product data	
Full product code	871869680921100

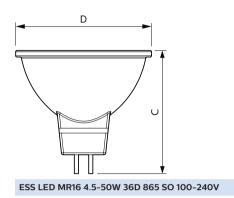
Datasheet, 2022, December 8 data subject to change

Essential LEDspot MR16

Order product name	ESS LED MR16 4.5-50W 36D 865 SO	
	100-240V	
EAN/UPC - Product	8718696809211	
Order code	929001874108	
Numerator - Ouantity Per Pack	1	

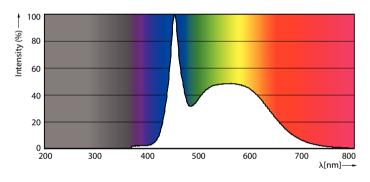
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001874108
Net Weight (Piece)	0.038 kg

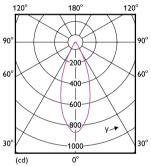
Dimensional drawing



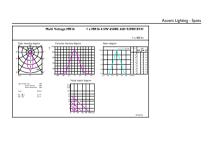
Product	D	С
ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50.5 mm	46.5 mm

Photometric data





50W GU5-3 MR16

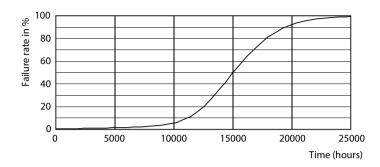


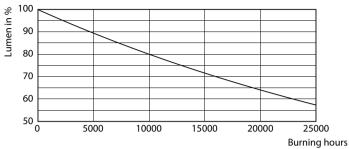
50W GU5-3 MR16 36D 830 3000K

50W GU5-3 MR16 36D 865 6500K

Essential LEDspot MR16

Lifetime





50W GU5-3 MR16

50W GU5-3 MR16



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.