



Essential LEDspot MR16

ESS LED MR16 3-35W 36D 865 100-240V

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]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	230 lm
Luminous Intensity (Nom)	380 cd
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	76.67 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	3 W
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1s
Power Factor (Fraction)	0.4
Voltage (Nom)	100-240 V
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

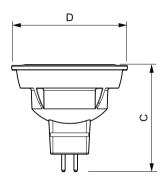
Datasheet, 2023, December 5 data subject to change

Essential LEDspot MR16

Product Data	
Order product name	ESS LED MR16 3-35W 36D 865 100-240V
Full product name	ESS LED MR16 3-35W 36D 865 100-240V
Order code	929001274612
Material Nr. (12NC)	929001274612
Numerator - Quantity Per Pack	1

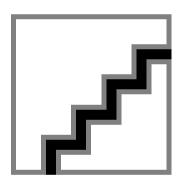
EAN/UPC - Product/Case	046677466923
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677466928

Dimensional drawing

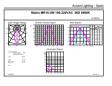


Product	D	С
ESS LED MR16 3-35W 36D 865 100-240V	51 mm	49 mm

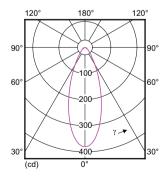
Photometric data







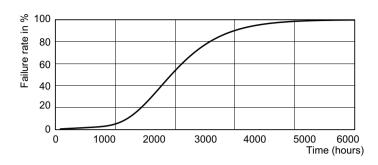
General uniform lighting - ESS LED MR16 3-35W 36D 865 100-240V

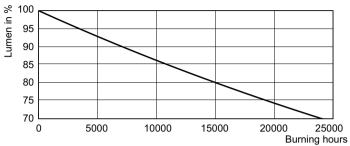


Light Distribution Diagram - ESS LED MR16 3-35W 36D 865 100-240V

Essential LEDspot MR16

Lifetime





Life Expectancy Diagram - ESS LED MR16 3-35W 36D 865 100-240V

Lumen Maintenance Diagram - ESS LED MR16 3-35W 36D 865 100-240V



© 2023 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.