



Essential LEDspot MR16

LED spot 5-50W 120D 6500K 220V

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 minimise the initial investment.

Product data

General Information	
Cap base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	10000 h
Switching cycle	50000X
Technical type	5-50W
	-
Light Technical	
Colour code	765 [CCT of 6,500 K]
Beam Angle (Nom)	120 °
Luminous flux (nom.)	400 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	80.00 lm/W
Colour consistency	<6
Color rendering index (nom.)	70
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz

Power (Rated) (Nom)	5 W
Lamp current (nom.)	42 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy efficiency label (EEL)	A+
Suitable for accent lighting	No
Energy Consumption kWh/1000 h	5 kWh

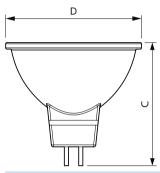
Datasheet, 2020, June 9 data subject to change

Essential LEDspot MR16

Product Data	
Full product code	871869679318300
Order product name	LED spot 5-50W 120D 6500K 220V
EAN/UPC – product	8718696793183
Order code	79318300
Numerator – quantity per pack	1

Numerator – packs per outer box	10
Material no. (12NC)	929001844708
Net weight (piece)	0.038 kg

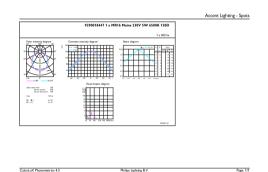
Dimensional drawing



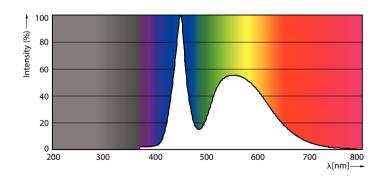
MR16 12V 5.2W-50W 400lm 120D 6500K GU5.3

Product D C LED spot 5-50W 120D 6500K 220V 50.5 mm 46.5 mm

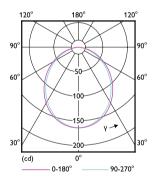
Photometric data







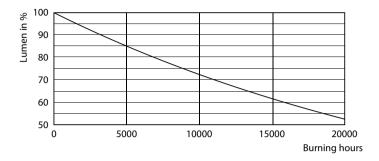
LEDspot ESS 50W GU5.3 MR16 865 12D ND RCA

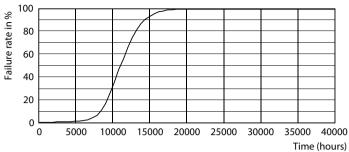


LEDspot ESS 50W GU5.3 MR16 827 12D ND RCA

Essential LEDspot MR16

Lifetime





LEDspot ESS 50W GU5.3 MR16 827 12D ND RCA

LEDspot ESS 50W GU5.3 MR16 827 12D ND RCA



© 2020 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.