



Essential LEDspot MR16

LED spot 3-35W 120D 2700K 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 minimize initial investment.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	727 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	240 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
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
Lamp Current (Nom)	30 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.45
Voltage (Nom)	220 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	No
Energy Consumption kWh/1000 h	3 kWh

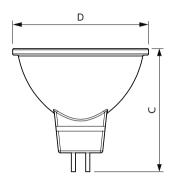
Datasheet, 2023, May 1 data subject to change

Essential LEDspot MR16

Product Data	
Order product name	LED spot 3-35W 120D 2700K 220V
Full product name	LED spot 3-35W 120D 2700K 220V
Full product code	871869679320600
Order code	79320600
Material Nr. (12NC)	929001844808

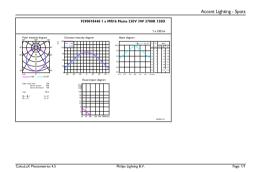
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696793206
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696793213

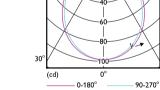
Dimensional drawing



Product	D	С
LED spot 3-35W 120D 2700K 220V	50.5 mm	46.5 mm

Photometric data



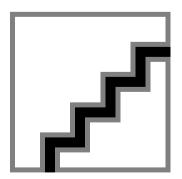


90°

60°

Accent Lighting Spots - LED spot 3-35W 120D 2700K 220V

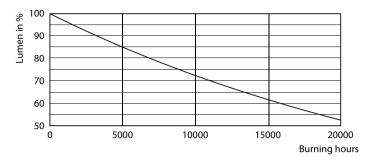
Light Distribution Diagram - LED spot 3-35W 120D 2700K 220V

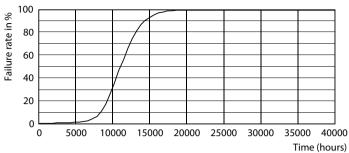


Spectral Power Distribution Colour - LED spot 3-35W 120D 2700K 220V

Essential LEDspot MR16

Lifetime





Lumen Maintenance Diagram - LED spot 3-35W 120D 2700K 220V

Life Expectancy Diagram - LED spot 3-35W 120D 2700K 220V



© 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.