



Essential LEDspot MR16

5W (50W) GU5.3 cap Warm white Non-dimmable Spot

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	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	50,000	
Rated Lifetime (Hours)	15,000 hour(s)	
Lighting Technology	LED	
Light Technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	24 degree(s)	
Luminous Flux	400 lm	
Luminous Intensity (Nom)	1,700 cd	
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)	80	
LLMF At End Of Nominal Lifetime (Nom) 70 %		

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	5 W
Lamp Current (Nom)	580 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1s
Power Factor (Fraction)	0.5
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	76 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16

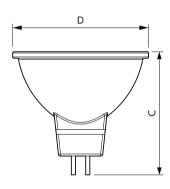
Datasheet, 2024, March 31 data subject to change

Essential LEDspot MR16

Net Weight (Piece)	0.045 kg
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
EU RoHS compliant	Yes
Product Data	
Order product name	5W (50W) GU5.3 cap Warm white Non-
	dimmable Spot
Full product name	5W (50W) GU5.3 cap Warm white Non-
	dimmable Spot

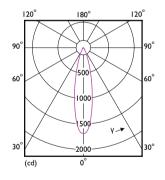
Full product code	871869657955800
Order code	929001240108
Material Nr. (12NC)	929001240108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696579558
Numerator - Packs per outer box	10
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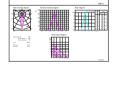
Dimensional drawing



Product	D	С
5W (50W) GU5.3 cap Warm white Non-dimmable Spot	50 mm	46 mm

Photometric data



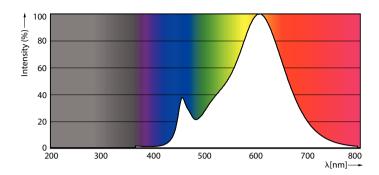


Light Distribution Diagram - Essential LED 5-50W 2700K MR16 24D

Accent Lighting Spots - Essential LED 5-50W 2700K MR16 24D

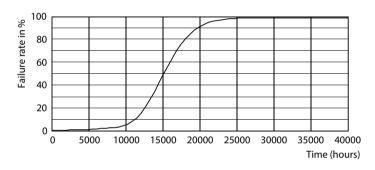
Essential LEDspot MR16

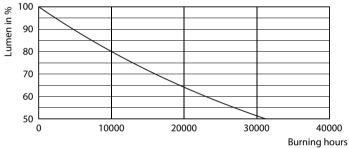
Photometric data



Spectral Power Distribution Colour - Essential LED 5-50W 2700K MR16 24D

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - Essential LED 5-50W 2700K MR16 24D



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