



# **Essential LEDspot MR16**

## Essential LED 5-50W 2700K MR16 24D

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.)	15000 h	
Switching cycle	50,000X	
Technical type	5-50W	
Light Technical		
Colour Code	827 [ CCT of 2,700 K]	
Technical Beam Angle (Nom)	24 °	
Lamp Luminous Flux 25°C EL (Nom)	400 lm	
Luminous intensity (nom.)	1700 cd	
Colour Designation	Warm white (WW)	
Colour Temperature, horizontal (Nom)	2700 K	
Lamp Luminous Efficacy EM (Nom)	80.00 lm/W	
Colour consistency	<6	
Colour Rendering Index,horiz (Nom)	80	
LLMF at end of nominal lifetime (nom.)	70 %	

Operating and Electrical		
Input frequency	- Hz	
Power (Rated) (Nom)	5 W	
Lamp current (nom.)	580 mA	
Wattage equivalent	50 W	
Starting time (nom.)	0.5 s	
Warm-up time to 60% light (nom.)	1 s	
Power factor (nom.)	0.5	
Voltage (Nom)	12 V	
Temperature		
T-Case maximum (nom.)	76 ℃	
<b>Controls and Dimming</b>		
Dimmable	No	
Mechanical and Housing		
Bulb shape	MR16 [ 2inch/50mm]	

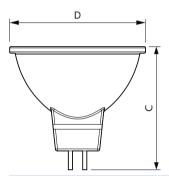
Datasheet, 2021, April 20 data subject to change

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Approval and Application		
Energy efficiency label (EEL)	A+	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	- kWh	
Product Data		
Full product code	871869657955800	
Order product name	Essential LED 5-50W 2700K MR16 24D	

EAN/UPC - product	8718696579558
Order code	929001240108
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001240108
SAP net weight (piece)	0.045 kg

### Dimensional drawing



MR16 12V 5W-50W 380lm 24D 2700K GU5.3 ND

Product	D	С
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm



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