



# **LED MR16**

# 8.5MR16/LED/830/F25/DIM 12V 10/1FB

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

#### **Product data**

General Information		
Cap-Base	GU5.3 [ GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Technical Type	8.5-75W	
Light Technical		
Color Code	830 [ CCT of 3000K]	
Beam Angle (Nom)	25 °	
Luminous Flux (Nom)	620 lm	
Luminous Intensity (Nom)	3250 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	72.00 lm/W	
Color Consistency	<4	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Input Frequency	- Hz	
Power (Nom)	8.5 W	

Lamp Current (Nom)	960 mA	
Wattage Equivalent	75 W	
Starting Time (Nom)	0.5 s	
Warm Up Time to 60% Light (Nom)	0.5 s	
Power Factor (Nom)	0.7	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	100 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [ 2inch/50mm]	
Approval and Application		
Energy Efficiency Label (EEL)	Not applicable	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	

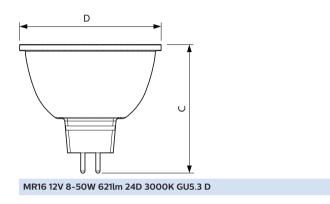
Datasheet, 2021, February 28 data subject to change

# **LED MR16**

Product Data	
Order product name	8.5MR16/LED/830/F25/DIM 12V 10/1FB
EAN/UPC - Product	046677533175
Order code	929001881404
Numerator - Quantity Per Pack	1

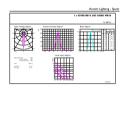
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001881404
Net Weight (Piece)	0.052 kg

# Dimensional drawing

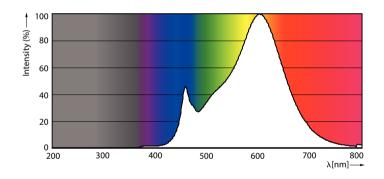


Product	D	С
8.5MR16/LED/830/F25/DIM 12V 10/1FB	50.5 mm	46.5 mm

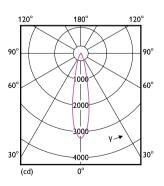
# Photometric data



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### 8-50W GU5-3 MR16 24D 830 3000K

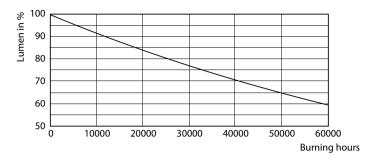


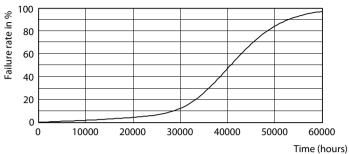
8-50W GU5-3 MR16 24D 827 2700K

8-50W GU5-3 MR16

# **LED MR16**

#### Lifetime





7-50W GU5-3 MR16

7-50W GU5-3 MR16



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