



LED MR16

8.5MR16/LED/830/F35/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)	35 °	
Luminous Flux (Nom)	620 lm	
Luminous Intensity (Nom)	1700 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 (Rated) (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 ℃		
Controls and dimming			
Dimmable	Yes		
Mechanical and housing			
Bulb Shape	MR16 [2inch/50mm]		
Approval and application			
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	- kWh		
Product data			
Order product name	8.5MR16/LED/830/F35/DIM 12V 10/1FB		

Datasheet, 2021, February 28 data subject to change

LED MR16

EAN/UPC - Product	046677533199
Order code	533190
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

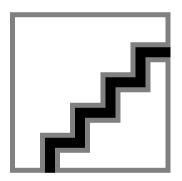
Material Nr. (12NC)	929001881704
Net Weight (Piece)	0.052 kg

Dimensional drawing

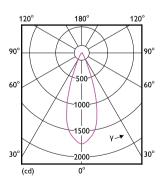
Product	D	С
8.5MR16/LED/830/F35/DIM 12V 10/1FB	50.5 mm	46.5 mm

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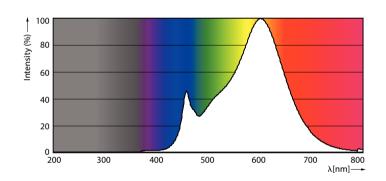
Photometric data



8-50W GU5-3 MR16 36D 830 3000K



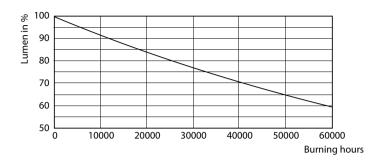
8-50W GU5-3 MR16 36D 827 2700K



8-50W GU5-3 MR16

LED MR16

Lifetime



7-50W GU5-3 MR16

7-50W GU5-3 MR16



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