



LED MR16

6.5MR16/F35/2700-2200 DIM 12V 10/1

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		
Base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Technical Type	6.5-35W	
Light Technical		
Color Code	822-827 [tunable warm white]	
Beam Angle (Nom)	35 °	
Initial lumen (Nom)	410 lm	
Luminous Intensity (Nom)	900 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	63.08 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	370 lm	
Operating and Electrical		
Input Frequency	50 to 60 Hz	

Power (Rated) (Nom)	6.5 W	
Lamp Current (Nom)	800 mA	
Starting Time (Nom)	0.5 s	
Warm Up Time to 60% Light (Nom)	0.5 s	
Power Factor (Nom)	0.7	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	80 ℃	
Controls and Dimming		
Dimmable	Yes	
Approval and Application		
Energy Efficiency Label (EEL)	Not applicable	
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	7 kWh	
Product Data		
Order product name	6.5MR16/F35/2700-2200 DIM 12V	
EAN/UPC - Product	046677454548	
Order code	454546	

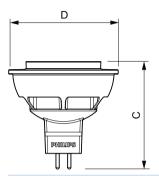
Datasheet, 2020, November 18 data subject to change

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Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001127904

0.045 kg

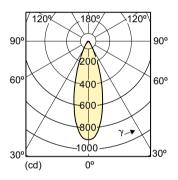
Dimensional drawing



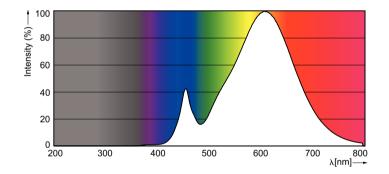
MR16 12V 7W-35W 36D 2700K GU5.3 Dimtone

Product	D	С
6.5MR16/F35/2700-2200 DIM 12V	51 mm	50 mm

Photometric data



SDLD_LEDspotL_0109-Light distribution diagram





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