



LED MR16

6.5MR16/F25/2700-2200 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		
Cap-Base	GU5.3 [GU5.3]	
Nominal lifetime	25,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	822-827 [tunable warm white]	
Beam Angle (Nom)	25 degree(s)	
Luminous Flux	410 lm	
Luminous Intensity (Nom)	1,800 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2200 2700 K	
Luminous Efficacy (rated) (Nom)	63.08 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	370 lm	
Operating and Electrical		
Line Frequency	50 to 60 Hz	

Input Frequency	50 to 60 Hz
Power Consumption	6.5 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

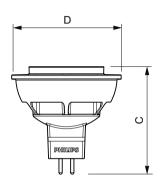
Datasheet, 2023, May 15 data subject to change

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Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	6.5MR16/F25/2700-2200 DIM 12V
Full product name	6.5MR16/F25/2700-2200 DIM 12V 10/1
Order code	454538
Material Nr. (12NC)	929001127804

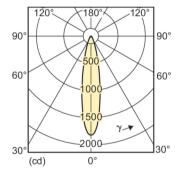
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677454531
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677454536

Dimensional drawing

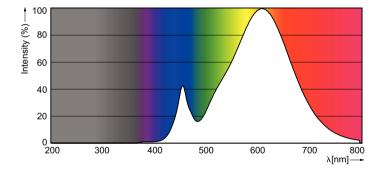


Product	D	С
6.5MR16/F25/2700-2200 DIM 12V	51 mm	50 mm

Photometric data



Light Distribution Diagram - 6.5MR16/F25/2700-2200 DIM 12V



Spectral Power Distribution Colour - 6.5MR16/F25/2700-2200 DIM 12V



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