



# LED MR16

# 6.5MR16/F35/2700-2200 DIM 12V

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
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)	35 degree(s)
Luminous Flux	455 lm
Luminous Intensity (Nom)	950 cd
Color Designation	Warm Glow(WG)
Correlated Color Temperature (Nom)	2200 2700 K
Luminous Efficacy (rated) (Nom)	70.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz

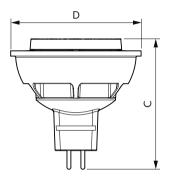
Power Consumption	6.5 W		
Lamp Current (Nom)	690 mA		
Wattage Equivalent	35 W		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.7		
Voltage (Nom)	ac electronic 12 V		
Temperature			
T-Case Maximum (Nom)	80 °C		
Controls and Dimming			
Dimmable	Only with specific dimmers		
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Material	Aluminum		
Bulb Shape	MR16		
UL Wet/ damp/ dry location	Damp location		
Approval and Application			
Suitable For Accent Lighting	Yes		

# LED MR16

Energy Certifications	Energy Star
T20 compliant	No
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	6.5MR16/F35/2700-2200 DIM 12V
Full product name	6.5MR16/F35/2700-2200 DIM 12V

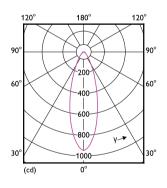
Order code	574418	
Material Nr. (12NC)	929003087204	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677574413	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677574418	

## Dimensional drawing

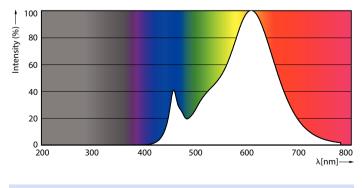


Product	D	с
6.5MR16/F35/2700-2200 DIM 12V	51 mm	50.5 mm

#### Photometric data



#### Light Distribution Diagram - 6.5MR16/F35/2700-2200 DIM 12V



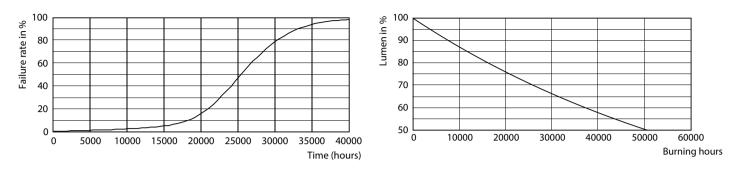
Spectral Power Distribution Colour - 6.5MR16/F35/2700-2200 DIM 12V

Celostal Resources as Pripe Lipting 8.V. Page 17

Accent Lighting Spots - 6.5MR16/F35/2700-2200 DIM 12V

# LED MR16

#### Lifetime



Life Expectancy Diagram - 6.5MR16/F35/2700-2200 DIM 12V

Lumen Maintenance Diagram - 6.5MR16/F35/2700-2200 DIM 12V



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.