



# 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
Light Technical	
Color Code	822-827 [tunable warm white]
Beam Angle (Nom)	35 degree(s)
Luminous Flux	455 lm
Luminous Intensity (Nom)	950 cd
Luminous Efficacy (rated) (Nom)	70.00 lm/W
Color Designation	Warm Glow(WG)
Correlated Color Temperature (Nom)	2200 2700 K
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

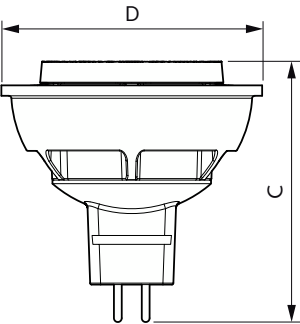
Lamp Current (Nom)	690 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish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

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EU RoHS compliant	Yes
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

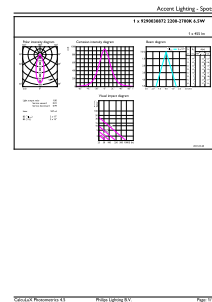
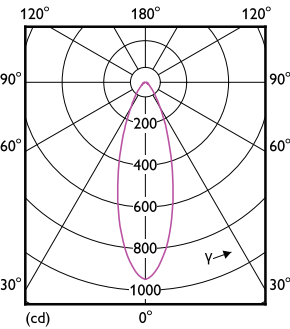
Order code	574418
Material Nr. (12NC)	929003087204
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.052 kg
EAN/UPC - Product/Case	046677574413
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677574418

Dimensional drawing



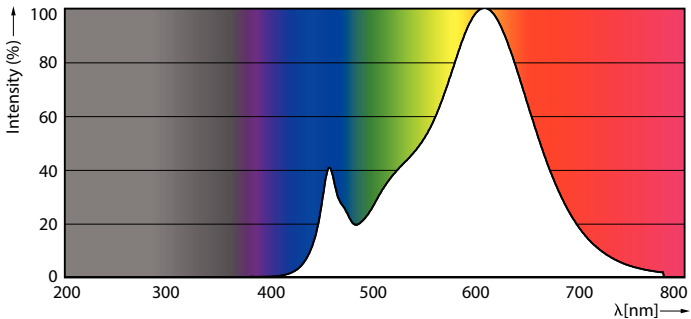
Product	D	C
6.5MR16/F35/2700-2200 DIM 12V	51 mm	50.5 mm

Photometric data



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

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



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

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Lifetime



Life Expectancy Diagram



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

