

PHILIPS**Lighting**

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		Technical Data	
Cap-Base	GU5.3	Lamp Current (Nom)	690 mA
Nominal lifetime	25,000 hour(s)	Wattage Equivalent	35 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.7
Color Code	822-827 [tunable warm white]	Voltage (Nom)	ac electronic 12 V
Beam Angle (Nom)	35 degree(s)	Temperature	
Luminous Flux	455 lm	T-Case Maximum (Nom)	80 °C
Luminous Intensity (Nom)	950 cd	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	70.00 lm/W	Dimmable	Only with specific dimmers
Color Designation	Warm Glow(WG)	Mechanical and Housing	
Correlated Color Temperature (Nom)	2200 2700 K	Bulb Finish	Clear
Color Consistency	<6	Bulb Material	Aluminum
Color rendering index (CRI)	80	Bulb Shape	MR16
LLMF At End Of Nominal Lifetime (Nom)	70 %	UL Wet/ damp/ dry location	Damp location
Operating and Electrical		Approval and Application	
Line Frequency	- Hz	Suitable For Accent Lighting	Yes
Input Frequency	- Hz	Energy Certifications	Energy Star
Power Consumption	6.5 W		

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EU RoHS compliant	Yes
T20 compliant	No

Application Conditions

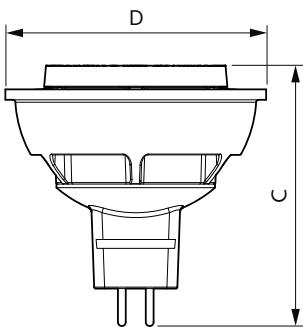
can it be used in closed luminaires	Yes
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Product Data

Order product name	6.5MR16/F35/2700-2200 DIM 12V
Full product name	6.5MR16/F35/2700-2200 DIM 12V

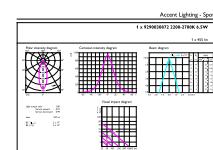
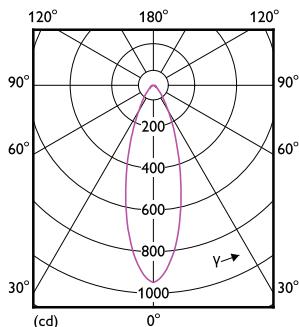
Order code	574418
Material Nr. (12NC)	929003087204
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.052 kg
EAN/UPC - Product/Case	046677574413
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677574418

Dimensional drawing



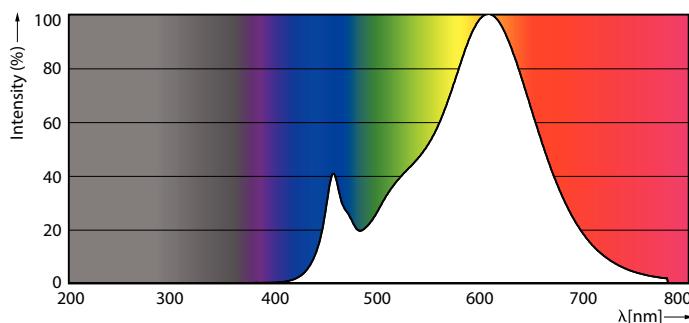
Product	D	C
6.5MR16/F35/2700-2200 DIM 12V	51 mm	50.5 mm

Photometric data



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

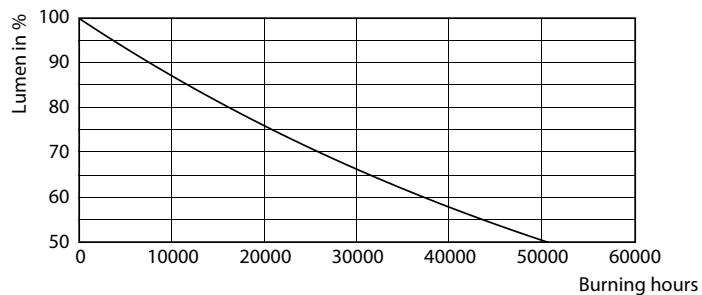
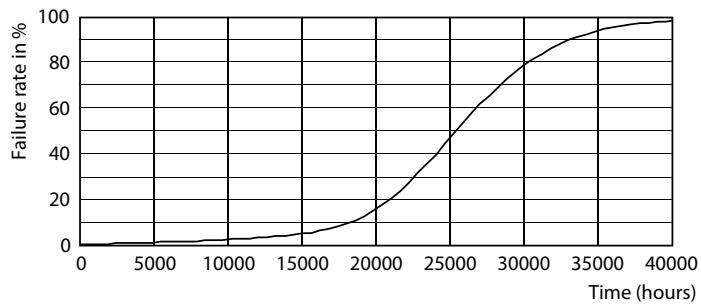
Accent Lighting Spots - 6.5MR16/F35/2700-2200 DIM 12V



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

