



# 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

<b>General Information</b>		<b>Power Consumption</b>	
Cap-Base	GU5.3		6.5 W
Nominal lifetime	25,000 hour(s)	Lamp Current (Nom)	690 mA
Switching Cycle	50,000	Wattage Equivalent	35 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
<b>Light Technical</b>		Power Factor (Fraction)	0.7
Color Code	822-827 [tunable warm white]	Voltage (Nom)	ac electronic 12 V
Beam Angle (Nom)	35 degree(s)	<b>Temperature</b>	
Luminous Flux	455 lm	T-Case Maximum (Nom)	176 °F
Luminous Intensity (Nom)	950 cd	<b>Controls and Dimming</b>	
Color Designation	Warm Glow(WG)	Dimmable	Only with specific dimmers
Correlated Color Temperature (Nom)	2200 2700 K	<b>Mechanical and Housing</b>	
Luminous Efficacy (rated) (Nom)	70.00 lm/W	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
<b>Operating and Electrical</b>		<b>Approval and Application</b>	
Line Frequency	- Hz	Suitable For Accent Lighting	Yes
Input Frequency	- Hz		

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Energy Certifications	Energy Star
T20 compliant	No

Application Conditions

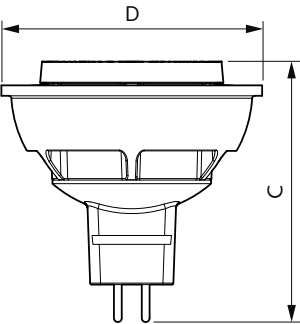
can it be used in closed luminaires	Yes
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Product Data

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

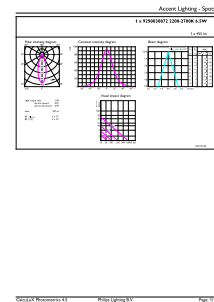
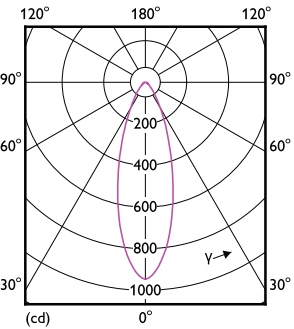
Order code	574418
Material Nr. (12NC)	929003087204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677574413
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677574418

Dimensional drawing



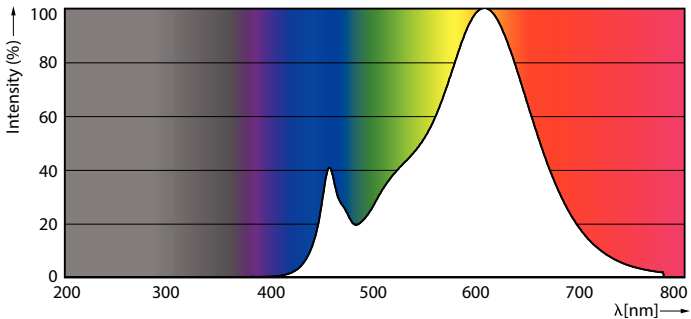
Product	D	C
6.5MR16/F35/2700-2200 DIM 12V	2-1/16 inch	2 inch

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



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

