PHILIPS Lighting



LED MR16

6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

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	927
Beam Angle (Nom)	35 degree(s)
Luminous Flux	485 lm
Luminous Intensity (Nom)	1,110 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	74.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	91
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz

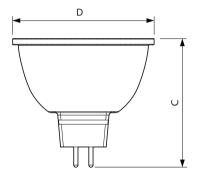
Power Consumption	6.5 W
Lamp Current (Nom)	700 mA
Wattage Equivalent	42 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	198 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes

LED MR16

Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB
Full product name	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB
Order code	479162
Material Nr. (12NC)	929001854504

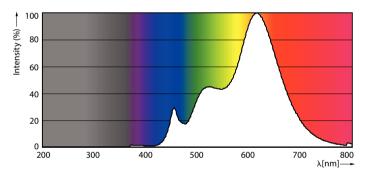
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677479169
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677479164

Dimensional drawing

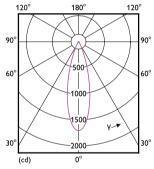


Product	D	с
6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	2 inch	1-13/16 inch

Photometric data



Spectral Power Distribution Colour - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB



Light Distribution Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

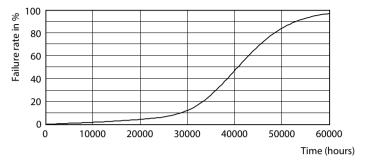
	Accent Lighting - Spots
hir innin farm	1 x MR1612VAC 6.5W2700K5290018545 5 x 465 in Garatie Intelli darum
Amongonia Brownest Ma Name Mark Markov Marko	

Accent Lighting Spots - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

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Lifetime



Life Expectancy Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB

§ 100 90 80 70 60 50 0 1000 2000 3000 4000 5000 60000 Burning hours

Lumen Maintenance Diagram - 6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB



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