



# LED MR16

## 7.8MR16/PER/940/S10/Dim/EC/12V 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

<b>General Information</b>		<b>Power Consumption</b>	
Cap-Base	GU5.3 [GU5.3]	Lamp Current (Nom)	7.8 W
Nominal lifetime	25,000 hour(s)	Wattage Equivalent	880 mA
Switching Cycle	50,000	Starting Time (Nom)	35 W
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.5 s
<b>Light Technical</b>		Voltage (Nom)	0.7
Color Code	940 [CCT of 4000K]	<b>Temperature</b>	
Beam Angle (Nom)	10 degree(s)	T-Case Maximum (Nom)	ac electronic 12 V
Luminous Flux	540 lm	<b>Controls and Dimming</b>	
Luminous Intensity (Nom)	5,900 cd	Dimmable	Yes
Color Designation	Cool White (CW)	<b>Mechanical and Housing</b>	
Correlated Color Temperature (Nom)	4000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	69.00 lm/W	Bulb Material	Plastic
Color Consistency	<3	Bulb Shape	MR16 [2inch/50mm]
Color rendering index (CRI)	95	<b>Approval and Application</b>	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Suitable For Accent Lighting	Yes
<b>Operating and Electrical</b>			
Line Frequency	- Hz		
Input Frequency	- Hz		

LED MR16

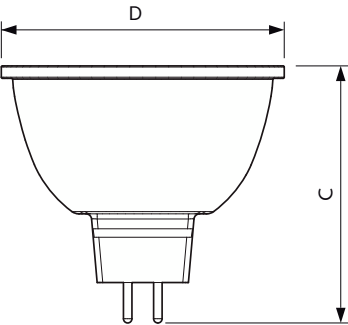
Energy Consumption kWh/1000 h	- kWh
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Product Data

Order product name	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB
Full product name	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB
Order code	929001872704
Material Nr. (12NC)	929001872704

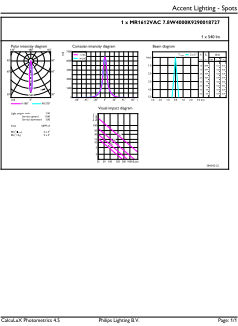
Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	10
EAN/UPC - Case	50046677470154

Dimensional drawing

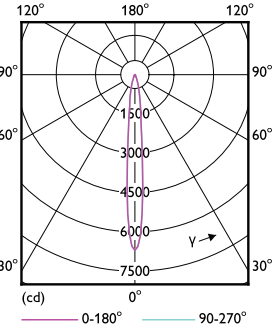


Product	D	C
7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	51 mm	46 mm

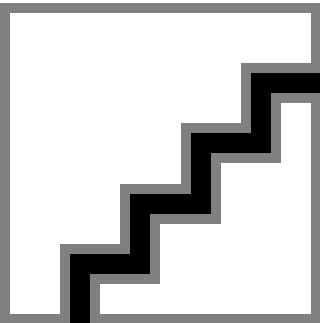
Photometric data



Accent Lighting Spots - 7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB



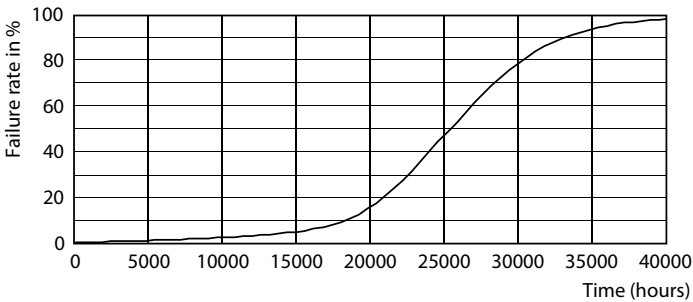
Light Distribution Diagram - 7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB



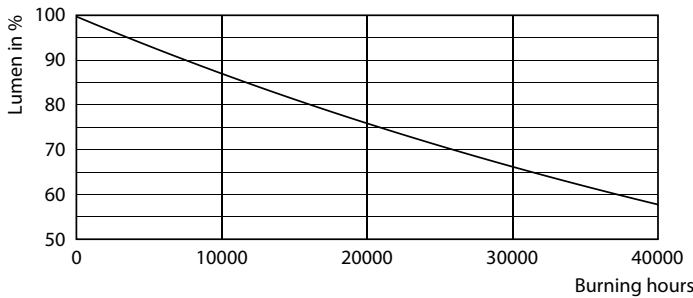
Spectral Power Distribution Colour - 7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB

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Lifetime



Life Expectancy Diagram - 7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB



Lumen Maintenance Diagram - 7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB

