



# MR16/GU10/PAR16

## 7MR16/LED/F25/830/DIM AF2 10/1

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatability allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

#### **Product data**

General Information		
Cap-Base	GU5.3 [ GU5.3]	
Nominal Lifetime (Nom)	25000 h	
Switching Cycle	50000X	
Technical Type	7-50W	
Light Technical		
Color Code	930 [ CCT of 3000K]	
Beam Angle (Nom)	25 °	
Light Distribution	Medium beam 25°	
Luminous Flux (Nom)	500 lm	
Luminous Flux (Rated) (Nom)	500 lm	
Luminous Intensity (Nom)	2500 cd	
Color Designation	White (WH)	
Rated Beam Angle	25 °	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	71 lm/W	
Color Consistency	<6	
Color Rendering Index (Nom)	90	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	500 lm	

Power (Rated) (Nom) 7 W  Lamp Current (Nom) 720 mA  Wattage Equivalent 50 W  Starting Time (Nom) 0.5 s  Warm Up Time to 60% Light (Nom) 1 s  Power Factor (Nom) 0.7  Voltage (Nom) 12 V  Temperature  T-Case Maximum (Nom) 92 °C  Controls and Dimming  Dimmable Yes  Approval and Application  Energy Saving Product Yes  Suitable For Accent Lighting Yes  Energy Efficiency Label (EEL) Not applicable  Energy Consumption kWh/1000 h 8 kWh		
Lamp Current (Nom) 720 mA  Wattage Equivalent 50 W  Starting Time (Nom) 0.5 s  Warm Up Time to 60% Light (Nom) 1 s  Power Factor (Nom) 12 V  Temperature  T-Case Maximum (Nom) 92 °C  Controls and Dimming Dimmable Yes  Approval and Application Energy Saving Product Suitable For Accent Lighting Energy Efficiency Label (EEL) Energy Consumption kWh/1000 h  Product Data	Operating and Electrical	
Wattage Equivalent 50 W Starting Time (Nom) 0.5 s  Warm Up Time to 60% Light (Nom) 1 s  Power Factor (Nom) 0.7  Voltage (Nom) 12 V  Temperature T-Case Maximum (Nom) 92 °C  Controls and Dimming Dimmable Yes  Approval and Application Energy Saving Product Yes Suitable For Accent Lighting Yes Energy Efficiency Label (EEL) Not applicable Energy Consumption kWh/1000 h 8 kWh	Power (Rated) (Nom)	7 W
Starting Time (Nom)  0.5 s  Warm Up Time to 60% Light (Nom)  1 s  Power Factor (Nom)  0.7  Voltage (Nom)  12 V  Temperature  T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh  Product Data	Lamp Current (Nom)	720 mA
Warm Up Time to 60% Light (Nom)  1 s  Power Factor (Nom)  0.7  Voltage (Nom)  12 V  Temperature  T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh  Product Data	Wattage Equivalent	50 W
Power Factor (Nom)  Voltage (Nom)  12 V  Temperature  T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Energy Consumption kWh/1000 h  8 kWh  Product Data	Starting Time (Nom)	0.5 s
Voltage (Nom)  12 V  Temperature  T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh	Warm Up Time to 60% Light (Nom)	1 s
Temperature T-Case Maximum (Nom) 92 °C  Controls and Dimming Dimmable Yes  Approval and Application Energy Saving Product Yes Suitable For Accent Lighting Yes Energy Efficiency Label (EEL) Not applicable Energy Consumption kWh/1000 h 8 kWh	Power Factor (Nom)	0.7
T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh  Product Data	Voltage (Nom)	12 V
T-Case Maximum (Nom)  92 °C  Controls and Dimming  Dimmable  Yes  Approval and Application  Energy Saving Product  Suitable For Accent Lighting  Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh  Product Data		
Controls and Dimming  Dimmable Yes  Approval and Application  Energy Saving Product Yes  Suitable For Accent Lighting Yes  Energy Efficiency Label (EEL) Not applicable  Energy Consumption kWh/1000 h 8 kWh	Temperature	
Dimmable Yes  Approval and Application  Energy Saving Product Yes  Suitable For Accent Lighting Yes  Energy Efficiency Label (EEL) Not applicable  Energy Consumption kWh/1000 h 8 kWh  Product Data	T-Case Maximum (Nom)	92 °C
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Approval and Application  Energy Saving Product Yes  Suitable For Accent Lighting Yes  Energy Efficiency Label (EEL) Not applicable  Energy Consumption kWh/1000 h 8 kWh  Product Data	Controls and Dimming	
Energy Saving Product Yes Sultable For Accent Lighting Yes Energy Efficiency Label (EEL) Not applicable Energy Consumption kWh/1000 h 8 kWh  Product Data	Dimmable	Yes
Energy Saving Product Yes Sultable For Accent Lighting Yes Energy Efficiency Label (EEL) Not applicable Energy Consumption kWh/1000 h 8 kWh  Product Data		
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Energy Efficiency Label (EEL)  Not applicable  Energy Consumption kWh/1000 h  8 kWh  Product Data	Energy Saving Product	Yes
Energy Consumption kWh/1000 h 8 kWh  Product Data	Suitable For Accent Lighting	Yes
Product Data	Energy Efficiency Label (EEL)	Not applicable
	Energy Consumption kWh/1000 h	8 kWh
Order product name 7MR16/LED/F25/830/DIM AF2 10/1	Product Data	
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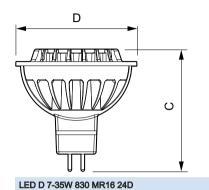
Datasheet, 2018, July 23 data subject to change

### MR16/GU10/PAR16

EAN/UPC - Product	046677461560
Order code	929001152934
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929001152934
Net Weight (Piece)	0.045 kg

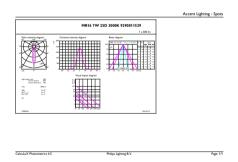
#### **Dimensional drawing**

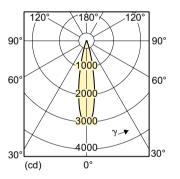


7MR16/LED/F25/830/DIM AF2 10/1 51 mm 51 mm

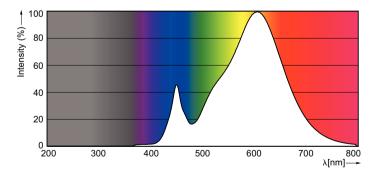
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#### Photometric data





Product



8-50 W GU5.3 /830 MR16

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