PHILIPS Lighting



MASTER LED Lamps

MASTER LED 7W 830 MR16 60D Dim AU

Delivering a warm, halogen/incandescent-like accent beam, MASTER LED lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. MASTER LED delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a fast return on their investment. These LED lamps are compatible with most fixtures and designed as a retrofit replacement alternative for halogen lamps or incandescent lamps.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	440 lm
Luminous Intensity (Nom)	460 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	54 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	380 lm
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	102 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

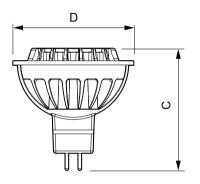
MASTER LED Lamps

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
Product Data	

Order product name	MASTER LED 7W 830 MR16 60D Dim AU	
Full product name	MASTER LED 7W 830 MR16 60D Dim AU	
Full product code	871869648995600	

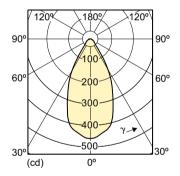
Order code	48995600
Material Nr. (12NC)	929001153519
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489956
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489963

Dimensional drawing

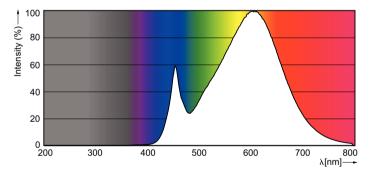


Product	D	С
MASTER LED 7W 830 MR16 60D Dim AU	50.5 mm	50.5 mm

Photometric data



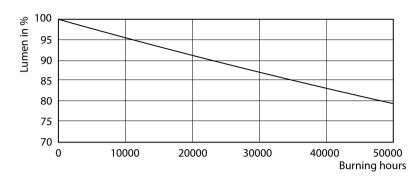
Light Distribution Diagram - MASTER LED 7W 830 MR16 60D Dim AU



Spectral Power Distribution Colour - MASTER LED 7W 830 MR16 60D Dim AU

MASTER LED Lamps

Lifetime



Lumen Maintenance Diagram - MASTER LED 7W 830 MR16 60D Dim AU



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change