



# MASTER VALUE LEDs pot LV

# MASTER LED 4-35W 2700K MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV 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. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

## Warnings and Safety

- · Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- $\boldsymbol{\cdot}$  Not intended for use with emergency light fixtures or exit lights

### **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	827 [CCT of 2700K]

Beam Angle (Nom)	24 degree(s)
Luminous Flux	240 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	65.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

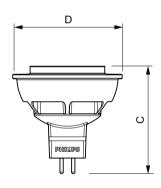
Datasheet, 2023, May 1 data subject to change

# **MASTER VALUE LEDspot LV**

Lumin and Florida COS Come (Parts II)	220 1	
Luminous Flux in 90° Cone (Rated)	220 lm	
Operating and Electrical		
Line Frequency	- Hz	
Input Frequency	- Hz	
Power Consumption	4 W	
Lamp Current (Nom)	520 mA	
Wattage Equivalent	35 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	instant full light s	
Power Factor (Fraction)	0.7	
Power Factor (Fraction) Voltage (Nom)	0.7 12 V	
Voltage (Nom)		
Voltage (Nom)  Temperature	12 V	
Voltage (Nom)  Temperature	12 V	
Voltage (Nom)  Temperature  T-Case Maximum (Nom)	12 V	

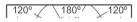
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4 kWh
Product Data	
Order product name	MASTER LED 4-35W 2700K MR16 24D
Full product name	MASTER LED 4-35W 2700K MR16 24D
Full product code	871869647619200
Order code	47619200
Material Nr. (12NC)	929001147408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696476192
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696476208

# Dimensional drawing



Product	D	С
MASTER LED 4-35W 2700K MR16 24D	50 mm	49 mm

### Photometric data





Light Distribution Diagram - MASTER LED 4-35W 2700K MR16 24D

Spectral Power Distribution Colour - MASTER LED 4-35W 2700K MR16 24D

# **MASTER VALUE LEDspot LV**



© 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.