



# MASTER VALUE LEDs

## pot LV

### MASTER LED 6.5-50W 2700K 12V 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)
- Not intended for use with emergency light fixtures or exit lights

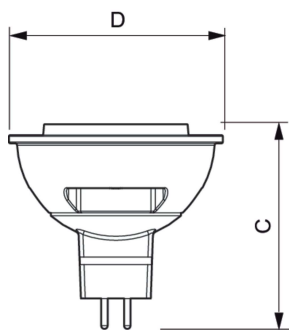
#### Product data

General Information			
Cap-Base	GU5.3 [GU5.3]	Beam Angle (Nom)	24 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	380 lm
Switching Cycle	50,000	Luminous Intensity (Nom)	2,000 cd
Lighting Technology	LED	Color Designation	Warm White (WW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	2700 K
		Luminous Efficacy (rated) (Nom)	58.46 lm/W
		Color Consistency	<6
		Color rendering index (CRI)	80
Light Technical			
Color Code	827 [CCT of 2700K]		

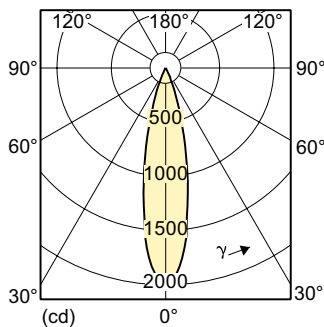
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LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	6.5 W
Lamp Current (Nom)	671 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

## Dimensional drawing



## Photometric data



Light Distribution Diagram - MASTER LED 6.5-50W 2700K 12V MR16 24D

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
Product Data	
Order product name	MASTER LED 6.5-50W 2700K 12V MR16 24D
Full product name	MASTER LED 6.5-50W 2700K 12V MR16 24D
Full product code	871829119144500
Order code	929000218008
Material Nr. (12NC)	929000218008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291191445
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291191452

Product	D	C
MASTER LED 6.5-50W 2700K 12V MR16 24D	49.9 mm	47.8 mm

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