PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV DimTone 6.5-35W MR16 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12 VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12 V Halogen electronic transformers, it also delivers beam intensity which is equivalent to the 50 W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact fit with Halogen lamps.)

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		Correlated Colour Temperature	
p base	GU5.3 [GU5.3]	Luminous efficacy (rated) (nom.)	63.08
Iominal lifetime	25,000 h	Colour consistency	<6
witching Cycle	50,000	Colour rendering index (CRI)	80
ghting Technology	LED	LLMF at end of nominal lifetime (no	om.) 70 %
EU RoHS compliant	Yes	Luminous flux in 90° cone (rated)	370 lm
Light Technical		Operating and Electrical	
Colour Code	822-827 [tunable warm white]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	24 degree(s)	Input frequency	50 to 60 Hz
uminous Flux	410 lm	Power Consumption	6.5 W
Luminous intensity (nom.)	1,800 cd	Lamp current (nom.)	800 mA
Colour designation	Warm White (WW)	Wattage equivalent	35 W

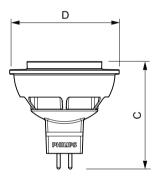
MASTER VALUE LEDspot LV

Starting time (nom.)	0.5 s	Energy cor
Warm-up time to 60% light	Instant full light s	
Power Factor (Fraction)	0.7	Product I
Voltage (nom.)	12 V	Order proc
		Full produ
Temperature		
T-Case maximum (nom.)	80 °C	Full EOC
		Order code
Controls and Dimming		Material n
Dimmable	Yes	Local orde
		SAP nume
Mechanical and Housing		EAN/UPC
Bulb shape	MR16 [2 inch/50 mm]	Numerator
		EAN/UPC
Approval and Application		
Suitable for accent lighting	Yes	

Energy consumption kWh/1,000 hours 7 kWh

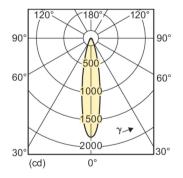
Product Data		
Order product name	MAS LEDspotLV DimTone 6.5-35W MR16 24D	
Full product name	MASTER LEDspotLV DimTone 6.5-35W MR16	
	24D	
Full EOC	871869644213500	
Order code	44213500	
Material no. (12 NC)	929001127802	
Local order code	MLED6GU53DT24D	
SAP numerator - quantity per pack	1	
EAN/UPC — Product/Case	8718696442135	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696442142	

Dimensional drawing

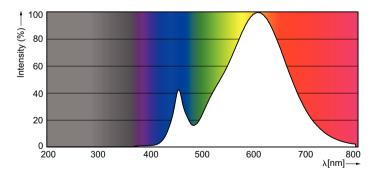


Product D C MAS LEDspotLV DimTone 6.5-35W MR16 24D 51 mm 50 mm

Photometric data



Light Distribution Diagram - MAS LEDspotLV DimTone 6.5-35W MR16 24D



Spectral Power Distribution Colour - MAS LEDspotLV DimTone 6.5-35W MR16 24D

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