PHILIPS Lighting



MASTER VALUE LEDs pot LV

MASTER LEDspotLV DimTone 5-35W MR16 36D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W 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 form 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

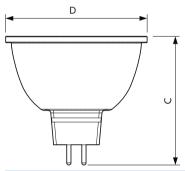
eneral information		Luminous Efficacy (rated) (Nom)	80.00 lm/W
Cap-Base	GU5.3 [GU5.3]	Color Consistency	<6
EU RoHS compliant	Yes	Color Rendering Index (Nom)	80
Nominal Lifetime (Nom)	25000 h	LLMF At End Of Nominal Lifetime (No	om) 70 %
Switching Cycle	50000X		
		Operating and electrical	
Light technical		Input Frequency	– Hz
Color Code	822-827 [tunable warm white]	Power (Nom)	5 W
Beam Angle (Nom)	36 °	Lamp Current (Nom)	480 mA
Luminous Flux (Nom)	400 lm	Wattage Equivalent	35 W
Luminous Intensity (Nom)	600 cd	Starting Time (Nom)	0.5 s
Color Designation	Warm Glow(WG)	Warm Up Time to 60% Light (Nom)	0.5 s
Correlated Color Temperature (Nom)	2200 2700 K	Power Factor (Nom)	0.7

MASTER VALUE LEDspot LV

Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	70 °C	
Controls and dimming		
Dimmable	Only with specific dimmers	
Mechanical and housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and application		
Suitable For Accent Lighting	Yes	

Product data			
Full product code	871951428451700		
Order product name	MASTER LEDspotLV DimTone 5-35W MR16		
	36D		
EAN/UPC - Product	8719514284517		
Order code	929001904768		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	10		
Material Nr. (12NC)	929001904768		
Net Weight (Piece)	0.050 kg		

Dimensional drawing

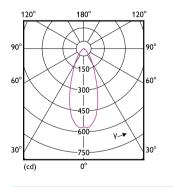


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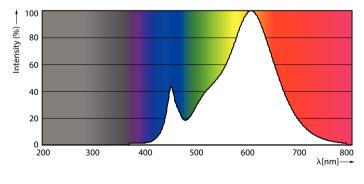
 MASTER LEDspotLV DimTone 5-35W MR16 36D
 50.5 mm
 44.5 mm

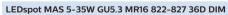
MASTER LEDspotLV DimTone 5-35W MR16 36D

Photometric data



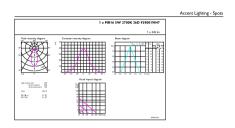
LEDspot MAS 5-35W GU5.3 MR16 822-827 36D DIM





MASTER VALUE LEDspot LV

Photometric data



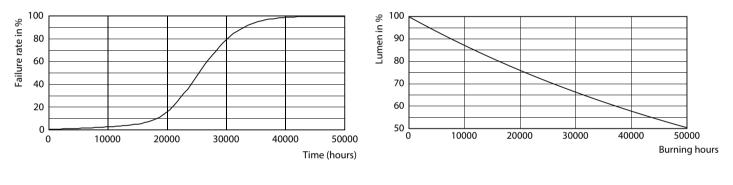
Setting a tabatas

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Lifetime

Calcul uX Photometrics 4



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