## **PHILIPS** Lighting



### MASTER VALUE LEDs pot LV

### MAS LED spot VLE D 5.8-35W MR16 927 60D

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**

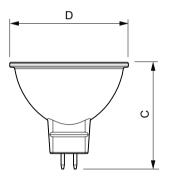
eneral Information		Correlated Color Temperature (Nom)	270
ap-Base	GU5.3 [GU5.3]	Luminous Efficacy (rated) (Nom)	77.00 ln
Iominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	90
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Narrow Cone	Luminous Flux in 90° Cone (Rated)	450 lumen
Light Technical		Operating and Electrical	
Color Code	927 [CCT of 2700K]	Line Frequency	– Hz
Beam Angle (Nom)	60 degree(s)	Input Frequency	– Hz
Luminous Flux	450 lumen	Power Consumption	5.8 W
Luminous Intensity (Nom)	600 cd	Lamp Current (Nom)	510 mA
Color Designation	Warm White (WW)	Wattage Equivalent	35 W

### MASTER VALUE LEDspot LV

Starting Time (Nom)	0.5 s	Energy Consumption kWh/1000 h	6 kWh
Warm-up time to 60% light	0.5 s	EPREL Registration Number	453,176
ower Factor (Fraction)	0.7	CE mark	Yes
/oltage (Nom)	ac electronic 12 V	EU RoHS compliant	Yes
emperature		Product Data	
r-Case Maximum (Nom)	85 ℃	Full product code	871951430724700
		Order product name	MAS LED spot VLE D 5.8-35W MR16 927 60D
ontrols and Dimming		Order code	929002492802
immable	Only with specific dimmers	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	10
lechanical and Housing		Material number (12NC)	929002492802
ulb Shape	MR16 [2inch/50mm]	Full product name	MAS LED spot VLE D 5.8-35W MR16 927 60D
		EAN/UPC - Case	8719514307254
Approval and Application			
Suitable For Accent Lighting	Yes		

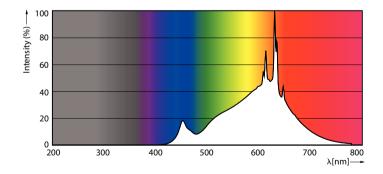
# LE D 5.8-35W MR16 927 60D

### Dimensional drawing



Product	D	с
MAS LED spot VLE D 5.8-35W MR16 927 60D	50.5 mm	45.5 mm

### Photometric data



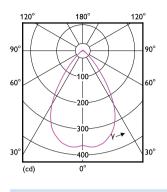
	1 x 9290824928 2390K S.#W
	Local Distance
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Spectral Power Distribution Colour - MAS LED spot VLE D 5.8-35W MR16 927 60D

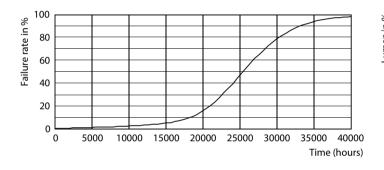
### MASTER VALUE LEDspot LV

#### Photometric data



Light Distribution Diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D

### Lifetime



Life Expectancy Diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D

9 100 90 80 70 60 50 0 10000 20000 30000 40000 50000 60000 Burning hours

Lumen Maintenance Diagram - MAS LED spot VLE D 5.8-35W MR16 927 60D



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