



# MASTER VALUE LEDs

## pot LV

### MASTER LED 7-50W 827 MR16 36D Dim

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

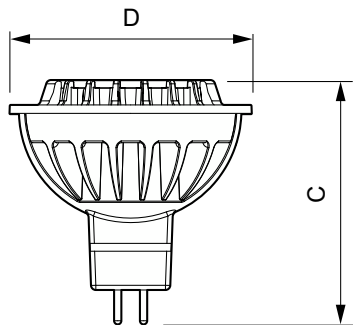
General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]

Beam Angle (Nom)	36 degree(s)
Luminous Flux	420 lm
Luminous Intensity (Nom)	1,150 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	57.14 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

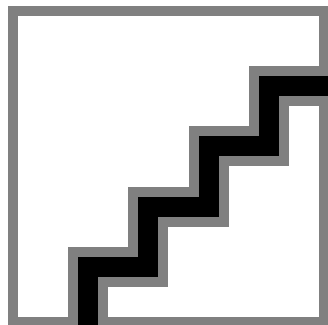
# MASTER VALUE LEDspot LV

Luminous Flux in 90° Cone (Rated)	400 lm
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

## Dimensional drawing



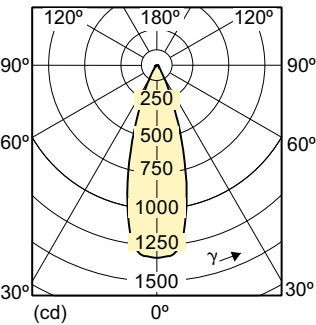
## Photometric data



Spectral Power Distribution Colour - MASTER LED 7-50W 827 MR16 36D Dim

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
Product Data	
Order product name	MASTER LED 7-50W 827 MR16 36D Dim
Full product name	MASTER LED 7-50W 827 MR16 36D Dim
Full product code	871869648963500
Order code	48963500
Material Nr. (12NC)	929001153108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489635
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489642

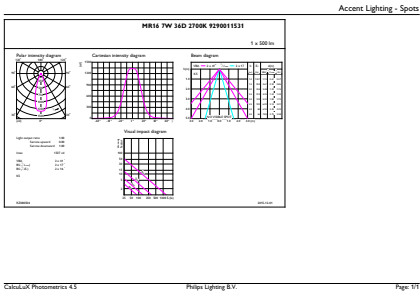
Product	D	C
MASTER LED 7-50W 827 MR16 36D Dim	51 mm	51 mm



Light Distribution Diagram - MASTER LED 7-50W 827 MR16 36D Dim

# MASTER VALUE LEDspot LV

## Photometric data



General uniform lighting - MASTER LED 7-50W 827 MR16 36D Dim

