



# Strong performance spotlight for retrofit MR16 halogen spots

## MASTER LEDspot LV

Delivering an intense accent beam, the MASTER LEDspot LV is an ideal retrofit solution for spot-lighting. The MASTER LEDspot LV is designed to replace halogen or incandescent spots. It achieves natural colours, enables cosy and comfortable ambience for residential and hospitality usage, and emphasises the beauty of merchandise in retail. A new smaller housing provides perfect fitting with the majority of luminaires on the market with a MR16 GU 5.3 holder. It not only employs Philips's patented solution to guarantee the broadest possible compatibility with standard 12 V halogen electronic transformers, it also delivers high beam intensity which is equivalent to halogen MR16 spots. The dimming function enables users to create the desired atmosphere and it works with broad selection of dimmers. Its high SDCM ensures stricter colour consistency, that is maintained over product life. The MASTER LEDspot LV delivers huge energy savings and minimises maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

### Benefits

- High intensity of beam for accent lighting in professional applications
- Strong brightness maintained over time
- More natural colours realised for cosy ambience for hospitality and better merchandise display in retail applications

# MASTER LEDspot LV

## Features

- High intensity of beam is equivalent to halogen spots
- Better colour realisation with high CRI value, and strong colour consistency over time
- Clearly defined beam spread for accent lighting
- Compatible with an extensive range of transformers and smooth dimming for dimmable products
- High lumen maintenance with long lifetime up to 40,000 hours

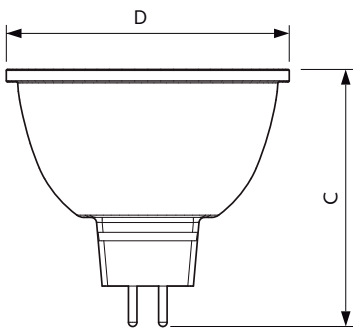
## Application

- Home: Living room, bed room, hallway
- Hospitality: hotel guest rooms, corridors, lobbies, reception areas, restaurants, bars, cafes
- Retail: exhibitions, display cabinets, shops, dressing room, check-out areas

## Versions



## Dimensional drawing



Product	D	C
MASTER LED 7-50W 940 MR16 36D Dim	50.5 mm	46.5 mm
MASTER LED 7-50W 940 MR16 60D Dim	50.5 mm	46.5 mm

# MASTER LEDspot LV

## Approval and Application

Energy Consumption kWh/1000 h	8 kWh
Energy Efficiency Label (EEL)	A

## Controls and Dimming

Dimmable	Yes
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## Operating and Electrical

Input Frequency	- Hz
Voltage (Nom)	12 V
Wattage Equivalent	50 W
Power (Rated) (Nom)	7 W
Starting Time (Nom)	0.5 s

## General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50,000X

## Light Technical

Colour Code	940
Correlated Colour Temperature (Nom)	4000 K
Colour Rendering Index (Nom)	90
Llmf At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux (Nom)	530 lm

## Mechanical and Housing

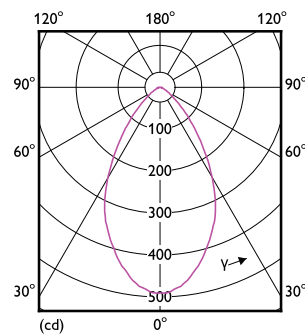
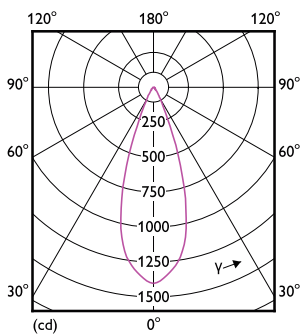
Bulb Shape	MR16
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## Temperature

T-Case Maximum (Nom)	90 °C
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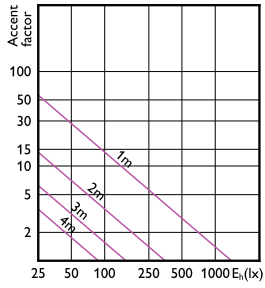
## Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Intensity (Nom)
929001880308	MASTER LED 7-50W 940 MR16 36D Dim	36 °	1500 cd
929001880608	MASTER LED 7-50W 940 MR16 60D Dim	60 °	550 cd

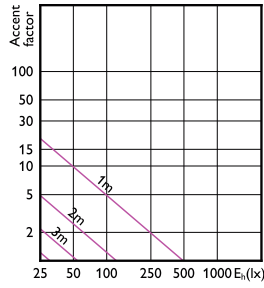


# MASTER LEDspot LV

## Accent Diagrams

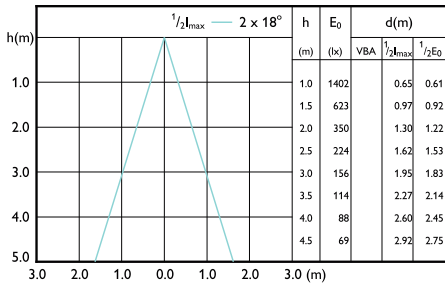


7-50W GU5-3 MR16 36D 940 4000K

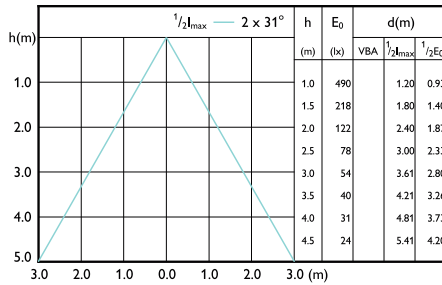


7-50W GU5-3 MR16 60D 940 4000K

## Beam Diagrams



7-50W GU5-3 MR16 36D 940 4000K



7-50W GU5-3 MR16 60D 940 4000K

