



# Trusted quality for best performance

## Essential LV MR16

The Essential LV MR16 is part of the Philips "Value for Money" ranges. It is a good choice for professional end-users looking for high-quality accent light to create contrast in shops, hotels and restaurants.

### Benefits

- Accent light to create the perfect focus on the objects to be lit
- Cool beam to minimize the effects of halogen light on sensitive objects
- Best dimmability to meet different brightness requirements

### Features

- Bright sparkling light to create ambient atmosphere.
- Excellent color rendering (Ra=100) to present the true color of objects.
- Instant start to offer direct brightness from the moment switch on.
- No mercury to ensure the safety usage.
- Reliable quality to be trusted.

### Application

- Shops, hotels and restaurants

# Essential LV MR16

## Dimensional drawing



Product	D (max)	C (max)
Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm

### Approval and Application

Energy Efficiency Label (EEL)	B
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### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Voltage (Nom)	12 V
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Starting Time (Nom)	0.0 s
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### General Information

Cap-Base	GU5.3
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Nominal Lifetime (Nom)	2000 h
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Operating Position	UNIVERSAL
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Rated Lifetime (Hours)	2000 h
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Switching Cycle	8,000X
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### Light Technical

Beam Angle (Nom)	36 °
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Correlated Colour Temperature (Nom)	3000 K
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Colour Rendering Index (Nom)	100
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Rated Beam Angle	36 °
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### Mechanical and Housing

Bulb Shape	MR16
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### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
88592065	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	-
88593765	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	-
88579160	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	53 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
88592065	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	1.67 A	20 W
88593765	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	2.92 A	35 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
88579160	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	4.17 A	50 W

## General Information

Order Code	Full Product Name	Philips Code
88592065	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	14596

## Essential LV MR16

Order Code	Full Product Name	Philips Code
88593765	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	14598
88579160	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	14600

### Light Technical

Order Code	Full Product Name	Luminous Intensity (Max)
88592065	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	400 cd
88593765	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	800 cd

Order Code	Full Product Name	Luminous Intensity (Max)
88579160	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	1200 cd

