



# 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

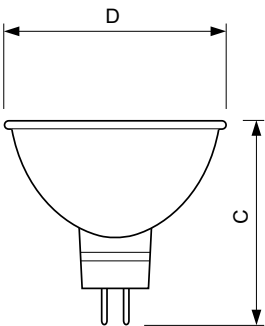
# Essential LV MR16

## Versions



GU5.3

## 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 ON 1CT/10X5F	50.7 mm	46 mm
Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	50.7 mm	46 mm
Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s

### General Information

Cap-Base	GU5.3
Nominal Lifetime (Nom)	2000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	2000 h

### Light Technical

Beam Angle (Nom)	36 °
Correlated Colour Temperature (Nom)	3000 K
Colour Rendering Index (Nom)	100

### Mechanical and Housing

Bulb Shape	MR16
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### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	1.67 A	20 W
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	4.17 A	50 W
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	1.67 A	20 W
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	2.92 A	35 W
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	4.17 A	50 W

## General Information

## Essential LV MR16

Order Code	Full Product Name	Philips Code	Switching Cycle
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	-	-
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	-	-

Order Code	Full Product Name	Philips Code	Switching Cycle
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	14596	8,000X
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	14598	8,000X
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	14600	8,000X

### Light Technical

Order Code	Full Product Name	Luminous Intensity (Max)	Rated Beam Angle
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	400 cd	-
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	1200 cd	-
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	400 cd	36 °

Order Code	Full Product Name	Luminous Intensity (Max)	Rated Beam Angle
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	800 cd	36 °
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	1200 cd	36 °

### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	-
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	-
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	-
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	53 kWh

