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
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· Cool beam to minimize the effects of halogen light on sensitive objects
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· Best dimmability to meet different brightness requirements
· Best dimmability to meet different brightness requirements

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

Application
· Shops, hotels and restaurants
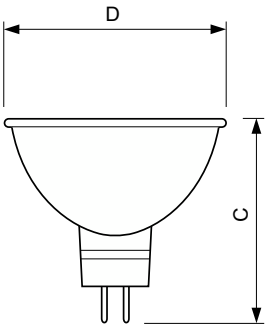· Shops, hotels and restaurants

Essential LV MR16

Versions

LPPR HFIGHTER Open

Dimensional drawing

Product	D (max)	C (max)
Ess MR16 20W 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 50W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	50.7 mm	46 mm

General Information

Cap-Base	GU5.3
Rated Lifetime (Hours)	2,000 hour(s)
Nominal lifetime	2,000 hour(s)
Operating Position	UNIVERSAL

Light Technical

Beam Angle (Nom)	36 degree(s)
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	100

Operating and Electrical

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

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	MR16

General Information

Order Code	Full Product Name	Switching Cycle
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	–
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	8,000
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	8,000
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	8,000

Operating and Electrical

Essential LV MR16

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
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

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
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

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
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