



Trusted quality for best performance

Essential MV MR16 Alu

The Essential MV MR16 Alu is part of the Philips "Value for Money" ranges. It is ideal for professional end-users looking for accent light - without a transformer - to create contrast in shops, hotels and restaurants.

Benefits

- Accent light to create the perfect focus on the objects to be lit
- Aluminum reflector to direct most of the heat to the front, ideal for heat-sensitive ceilings and luminaires
- 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 MV MR16 Alu

Versions



GZ10, MR16



50W, GU10

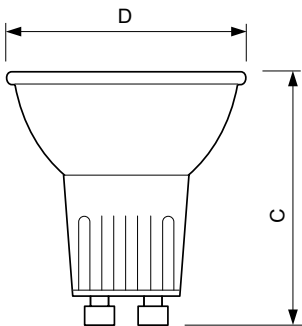
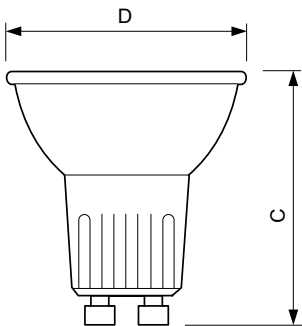


50W, GU10, MR16



20W/25W/35W/40W, GU10

Dimensional drawing



Product	D (max)	C (max)
ESS MR16 ESS 35W GU10 240V 50D 4CT/5	50.7 mm	46 mm
ESS MR16 ESS 35W GU10 240V 50D 2CT/6	50.7 mm	46 mm
ESS MR16 ESS 50W GU10 240V 60D 2PF/6	50.7 mm	46 mm
ESS MR16 Alu 50W GU10 240V 36D 2CT/6	51 mm	51 mm
ESS MR16 Alu 50W GU10 240V 36D 4CT/5	51 mm	51 mm
ESS MR16 Alu 50W GU10 230V 36D 1CT	51 mm	51 mm
ESS MR16 50W GU10 240V 60D 4CT/5	50.7 mm	47.5 mm

Product	D (max)	C (max)
Ess MV MR16 Alu 50W 120-130V 40D 1CT	50.7 mm	47.5 mm

Essential MV MR16 Alu

Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Starting Time (Nom)	0.0 s
General Information	
Nominal Lifetime (Nom)	2000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	2000 h
Light Technical	
Color Rendering Index (Nom)	100
Mechanical and Housing	
Bulb Finish	Clear

Approval and Application

Order Code	Full Product Name	Energy Efficiency Label (EEL)
924712536183	Ess MV MR16 Alu 50W 120-130V 40D 1CT	Not applicable
924885445586	ESS MR16 50W GU10 240V 60D 4CT/5	Not applicable
925644344203	ESS MR16 Alu 50W GU10 230V 36D 1CT	D
925644345503	ESS MR16 Alu 50W GU10 240V 36D 4CT/5	Not applicable

Order Code	Full Product Name	Energy Efficiency Label (EEL)
925644345504	ESS MR16 Alu 50W GU10 240V 36D 2CT/6	Not applicable
925649245501	ESS MR16 ESS 50W GU10 240V 60D 2PF/6	Not applicable
925712945501	ESS MR16 ESS 35W GU10 240V 50D 2CT/6	Not applicable
925712945502	ESS MR16 ESS 35W GU10 240V 50D 4CT/5	Not applicable

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
924712536183	Ess MV MR16 Alu 50W 120-130V 40D 1CT	120-130 V	50 W
924885445586	ESS MR16 50W GU10 240V 60D 4CT/5	240 V	50 W
925644344203	ESS MR16 Alu 50W GU10 230V 36D 1CT	230 V	50 W
925644345503	ESS MR16 Alu 50W GU10 240V 36D 4CT/5	240 V	50 W
925644345504	ESS MR16 Alu 50W GU10 240V 36D 2CT/6	240 V	50 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
925649245501	ESS MR16 ESS 50W GU10 240V 60D 2PF/6	240 V	50 W
925712945501	ESS MR16 ESS 35W GU10 240V 50D 2CT/6	240 V	35 W
925712945502	ESS MR16 ESS 35W GU10 240V 50D 4CT/5	240 V	35 W

General Information

Order Code	Full Product Name	Cap-Base	Philips Code	Switching Cycle
924712536183	Ess MV MR16 Alu 50W 120-130V 40D 1CT	GZ10	NA	-
924885445586	ESS MR16 50W GU10 240V 60D 4CT/5	GU10	NA	-
925644344203	ESS MR16 Alu 50W GU10 230V 36D 1CT	GU10	-	8000X
925644345503	ESS MR16 Alu 50W GU10 240V 36D 4CT/5	GU10	-	-

Order Code	Full Product Name	Cap-Base	Philips Code	Switching Cycle
925644345504	ESS MR16 Alu 50W GU10 240V 36D 2CT/6	GU10	-	-
925649245501	ESS MR16 ESS 50W GU10 240V 60D 2PF/6	GU10	-	-
925712945501	ESS MR16 ESS 35W GU10 240V 50D 2CT/6	GU10	-	-
925712945502	ESS MR16 ESS 35W GU10 240V 50D 4CT/5	GU10	-	-

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Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Luminous Intensity (Max)
924712536183	Ess MV MR16 Alu 50W 120-130V 40D 1CT	40 °	2800 K	400 cd
924885445586	ESS MR16 50W GU10 240V 60D 4CT/5	60 °	2800 K	250 cd
925644344203	ESS MR16 Alu 50W GU10 230V 36D 1CT	36 °	2800 K	600 cd
925644345503	ESS MR16 Alu 50W GU10 240V 36D 4CT/5	36 °	2800 K	600 cd

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Luminous Intensity (Max)
925644345504	ESS MR16 Alu 50W GU10 240V 36D 2CT/6	36 °	2800 K	600 cd
925649245501	ESS MR16 ESS 50W GU10 240V 60D 2PF/6	60 °	2700 K	450 cd
925712945501	ESS MR16 ESS 35W GU10 240V 50D 2CT/6	50 °	2700 K	260 cd
925712945502	ESS MR16 ESS 35W GU10 240V 50D 4CT/5	50 °	2700 K	260 cd

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
924712536183	Ess MV MR16 Alu 50W 120-130V 40D 1CT	MR16
924885445586	ESS MR16 50W GU10 240V 60D 4CT/5	MR16
925644344203	ESS MR16 Alu 50W GU10 230V 36D 1CT	MR16
925644345503	ESS MR16 Alu 50W GU10 240V 36D 4CT/5	-

Order Code	Full Product Name	Bulb Shape
925644345504	ESS MR16 Alu 50W GU10 240V 36D 2CT/6	-
925649245501	ESS MR16 ESS 50W GU10 240V 60D 2PF/6	MR16
925712945501	ESS MR16 ESS 35W GU10 240V 50D 2CT/6	MR16
925712945502	ESS MR16 ESS 35W GU10 240V 50D 4CT/5	MR16

