



Brighten your outlook

MR16

Philips Halogen MR16 lamps provide a bright white light for accent lighting. They make it easy to optimize the look and feel of your brand, your merchandise, and the shoppers experience, with lower operating costs.

Benefits

- Excellent beam quality for accent or ambient lighting.
- Maximum efficiency for reduced energy consumption.

Features

- Optimized Coil, Burner and Reflector Design.
- White, Bright Light with excellent beam quality.
- UV Block -Reduces color fading.
- GU5.3 base.
- 3000 Hour Rated Average Life*
- Variety of Wattages and Beam Spreads.
- Universal Burning Position.
- Available in 20, 35, and 50 watts Spot and Flood, 50 watt also available in Narrow Flood.
- * Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

Application

- Ideal for accent lighting in specialty and department stores, as well as museums and art galleries.

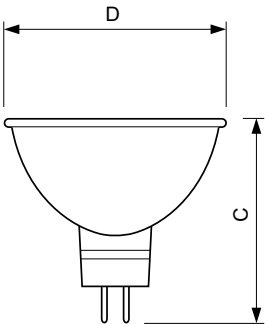
MR16

Versions



GU5.3, MR16, Open

Dimensional drawing



Product	D (max)	C (max)
50MR16/FL36 EXN 50PK	51 mm	46 mm
BC-50MRC16/FL 6/3 TP	51 mm	46 mm

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Lamp Current (Nom)	4.17 A
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s

General Information

Cap-Base	GU5.3
Operating Position	Universal

Light Technical

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

Mechanical and Housing

Bulb Shape	MR16
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Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
378059	50MR16/FL36 EXN 50PK	50.0 W
151209	BC-50MRC16/FL 6/3 TP	50 W

General Information

MR16

Order Code	Full Product Name	Nominal	Philips	Rated	Switching Cycle
		Lifetime (Nom)	Code	Lifetime (Hours)	
378059	50MR16/FL36 EXN 50PK	3000 h	14594	3000 h	-

Order Code	Full Product Name	Nominal	Philips	Rated	Switching Cycle
		Lifetime (Nom)	Code	Lifetime (Hours)	
151209	BC-50MRC16/FL 6/3 TP	2000 h	14600	2000 h	8000X

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
378059	50MR16/FL36 EXN 50PK	250 °C

Order Code	Full Product Name	Bulb Temperature (Max)
151209	BC-50MRC16/FL 6/3 TP	-

Light Technical

Order Code	Full Product Name	Luminous Intensity (Max)
378059	50MR16/FL36 EXN 50PK	1600 cd

Order Code	Full Product Name	Luminous Intensity (Max)
151209	BC-50MRC16/FL 6/3 TP	1200 cd

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
378059	50MR16/FL36 EXN 50PK	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h
151209	BC-50MRC16/FL 6/3 TP	53 kWh

