



# 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.

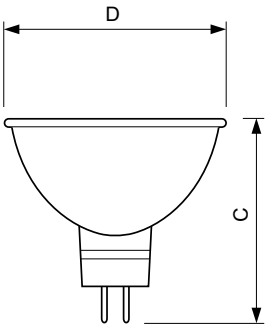
# MR16

## Versions



GU5.3, MR16, Open

## Dimensional drawing



Product	D (max)	C (max)
BC50MRC16/SP10 EXT 12/1 TP	51 mm	46 mm
50MR16/FL36 EXN 50PK	51 mm	46 mm
35MR16/FL36 50PK	51 mm	46 mm
BC-50MRC16/FL 6/3 TP	51 mm	46 mm
BC20MRC16/FL36 6/3	50.7 mm	46 mm
20MR16/FL36 BAB 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

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

### General Information

Cap-Base	GU5.3
Operating Position	UNIVERSAL

### Light Technical

Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100

### Mechanical and Housing

Bulb Shape	MR16
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Energy Efficiency Label (EEL)
924047217122	20MR16/FL36 BAB 50PK	-	Not applicable
924047417122	50MR16/FL36 EXN 50PK	-	Not applicable
924047817126	35MR16/FL36 50PK	-	Not applicable
924888217101	BC20MRC16/FL36 6/3	21 kWh	B
924888717101	BC50MRC16/SP10 EXT 12/1 TP	-	Not applicable
926000850009	BC-50MRC16/FL 6/3 TP	53 kWh	B
926000850099	BC-50MRC16/FL 6/3 TP	53 kWh	B

## Operating and Electrical

# MR16

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
924047217122	20MR16/FL36 BAB 50PK	1.67 A	20.0 W	-
924047417122	50MR16/FL36 EXN 50PK	4.17 A	50.0 W	-
924047817126	35MR16/FL36 50PK	3 A	35.0 W	-
924888217101	BC20MRC16/FL36 6/3	1.67 A	20.0 W	instant full light

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
924888717101	BC50MRC16/SPI0 EXT 12/1 TP	4.17 A	50 W	-
926000850009	BC-50MRC16/FL 6/3 TP	4.17 A	50 W	-
926000850099	BC-50MRC16/FL 6/3 TP	4.17 A	50 W	-

## General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Philips Code	Rated Lifetime (Hours)	Switching Cycle
924047217122	20MR16/FL36 BAB 50PK	3000 h	14592	3000 h	-
924047417122	50MR16/FL36 EXN 50PK	3000 h	14594	3000 h	-
924047817126	35MR16/FL36 50PK	3000 h	14598	3000 h	-
924888217101	BC20MRC16/FL36 6/3	3000 h	14596	3000 h	12000X

Order Code	Full Product Name	Nominal Lifetime (Nom)	Philips Code	Rated Lifetime (Hours)	Switching Cycle
924888717101	BC50MRC16/SPI0 EXT 12/1 TP	3000 h	-	3000 h	-
926000850009	BC-50MRC16/FL 6/3 TP	2000 h	14600	2000 h	8000X
926000850099	BC-50MRC16/FL 6/3 TP	2000 h	14600	2000 h	8000X

## Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
924047217122	20MR16/FL36 BAB 50PK	250 °C
924047417122	50MR16/FL36 EXN 50PK	250 °C
924047817126	35MR16/FL36 50PK	250 °C
924888217101	BC20MRC16/FL36 6/3	-

Order Code	Full Product Name	Bulb Temperature (Max)
924888717101	BC50MRC16/SPI0 EXT 12/1 TP	-
926000850009	BC-50MRC16/FL 6/3 TP	-
926000850099	BC-50MRC16/FL 6/3 TP	-

## Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Llmf At End Of Lifetime (Min)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)
924047217122	20MR16/FL36 BAB 50PK	36 °	-	-	550 cd
924047417122	50MR16/FL36 EXN 50PK	36 °	-	-	1600 cd
924047817126	35MR16/FL36 50PK	36 °	-	-	1000 cd
924888217101	BC20MRC16/FL36 6/3	36 °	80 %	205 lm	500 cd

Order Code	Full Product Name	Beam Angle (Nom)	Llmf At End Of Lifetime (Min)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)
924888717101	BC50MRC16/SPI0 EXT 12/1 TP	10 °	-	-	6200 cd
926000850009	BC-50MRC16/FL 6/3 TP	36 °	-	-	1200 cd
926000850099	BC-50MRC16/FL 6/3 TP	36 °	-	-	1200 cd

## Light Technical (2/2)

Order Code	Full Product Name	Rated Beam Angle
924047217122	20MR16/FL36 BAB 50PK	36 °
924047417122	50MR16/FL36 EXN 50PK	36 °

Order Code	Full Product Name	Rated Beam Angle
924047817126	35MR16/FL36 50PK	-
924888217101	BC20MRC16/FL36 6/3	36 °

## MR16

Order Code	Full Product Name	Rated Beam Angle
924888717101	BC50MRC16/SP10 EXT 12/1 TP	-
926000850009	BC-50MRC16/FL 6/3 TP	36 °

Order Code	Full Product Name	Rated Beam Angle
926000850099	BC-50MRC16/FL 6/3 TP	36 °

