



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

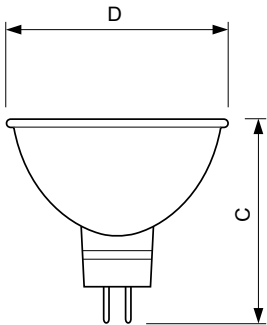
- Optimized Coil, Burner and Reflector Design.
- White, Bright Light with excellent beam quality.
- UV Block -Reduces color fading.
- GU5.3 base.
- 3000 Hour Rated Average Life*
- Variety of Wattages and Beam Spreads.
- Universal Burning Position.
- Available in 20, 35, and 50 watts Spot and Flood, 50 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.

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Dimensional drawing



Product	D (max)	C (max)
BC20MRC16/FL36 6/3	2 in	1-13/16 in
BC-50MRC16/FL 6/3 TP	2-1/16 in	1-13/16 in
BC50MRC16/SP10 EXT 12/1 TP	2-1/16 in	1-13/16 in

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
415687	BC20MRC16/FL36 3PK	21 kWh
415638	BC50MRC16/SP10 EXT 12/1 TP	-
415802	BC50MRC16/FL36 EXN 3PK	53 kWh

Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)	Warm Up Time
				To 60% Light (Nom)
415687	BC20MRC16/FL36 3PK	1.67 A	20.0 W	instant full light
415638	BC50MRC16/SP10 EXT 12/1 TP	4.17 A	50 W	-

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)	Warm Up Time
				To 60% Light (Nom)
415802	BC50MRC16/FL36 EXN 3PK	4.17 A	50 W	-

General information (1/2)

Order Code	Full Product Name	Nominal	Philips	Rated	Rated
		Lifetime (Nom)	Code	Lifetime (Hours)	Lifetime (Years)
415687	BC20MRC16/FL36 3PK	3000 h	14596	3000 h	3 a
415638	BC50MRC16/SP10 EXT 12/1 TP	3000 h	-	3000 h	3 a

Order Code	Full Product Name	Nominal	Philips	Rated	Rated
		Lifetime (Nom)	Code	Lifetime (Hours)	Lifetime (Years)
415802	BC50MRC16/FL36 EXN 3PK	2000 h	14600	2000 h	2 a

General information (2/2)

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Order Code	Full Product Name	Switching Cycle
415687	BC20MRC16/FL36 3PK	12000X
415638	BC50MRC16/SP10 EXT 12/1 TP	-

Order Code	Full Product Name	Switching Cycle
415802	BC50MRC16/FL36 EXN 3PK	8000X

Light technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Llmf At End		
			Of Nominal Lifetime (Min)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)
415687	BC20MRC16/FL36 3PK	36 °	80 %	205 lm	500 cd
415638	BC50MRC16/SP10 EXT 12/1 TP	10 °	-	-	6200 cd

Order Code	Full Product Name	Beam Angle (Nom)	Llmf At End		
			Of Nominal Lifetime (Min)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)
415802	BC50MRC16/FL36 EXN 3PK	36 °	-	-	1200 cd

Light technical (2/2)

Order Code	Full Product Name	Rated Beam Angle
415687	BC20MRC16/FL36 3PK	36 °
415638	BC50MRC16/SP10 EXT 12/1 TP	-

Order Code	Full Product Name	Rated Beam Angle
415802	BC50MRC16/FL36 EXN 3PK	36 °

