

Dimmable
accent
lighting
with higher
performance
LED retrofits.



7W AirFlux



10W High Output

PHILIPS MR16 DIMMABLE LED LAMPS

Philips MR16 Dimmable LED Lamps with smooth dimming provide ambient level light to illuminate hard to maintain applications.

High efficacy dimmable LED accent light

- 10W MR16 saves 65 watts of energy when compared to a 75W halogen MR16*
- 40,000-hour rated average life[†] for 7W MR16
- Provides quality white light and a crisp, uniform beam
- Optics engineered to eliminate multiple shadows
- Smooth dimming to 10% of full light levels[‡]
- Emits virtually no UV/IR light in the beam
- Contains no mercury

Easy to experience

- Transformax (TM) technology enables operation on a broad range of transformers
- Lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- 3-year limited warranty[‡]

(*; †, ‡, †. See back page for footnotes)



PHILIPS

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Ordering, Electrical and Technical Data (Subject to change without notice)

Part No.	Ordering Code	Nom. Watts	Volts	Description	Lamp Type	Base	Rated Avg. Life (Hrs) ¹	Approx. Lumens ²	MBCP	CRI	Color Temp. (K)	MOL (in.)
Standard Halogen MR16 35W ENERGY STAR® Equivalent												
43259-1	7MR16/F24 2700 DIM AF	7	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	40,000	370	1950	80	2700	1.9
43260-9	7MR16/F24 3000 DIM AF	7	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	40,000	370	1950	80	3000	1.9
43261-7	7MR16/F24 4000 DIM AF	7	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	40,000	390	2050	80	4000	1.9
43262-5	7MR16/F36 2700 DIM AF	7	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	40,000	370	1050	80	2700	1.9
43263-3	7MR16/F36 3000 DIM AF	7	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	40,000	370	1050	80	3000	1.9
43264-1	7MR16/F36 4000 DIM AF	7	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	40,000	390	1100	80	4000	1.9
Standard Halogen MR16 75W ENERGY STAR® Equivalent												
43239-3	10MR16/F24 2700 DIM HO	10	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	25,000	640	3120	80	2700	1.9
43240-1	10MR16/F24 3000 DIM HO	10	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	25,000	650	3360	80	3000	1.9
43241-9	10MR16/F24 4000 DIM HO	10	12V AC	Dimmable MR16 LED 24°	MR16	GU5.3	25,000	650	3700	80	4000	1.9
43242-7	10MR16/F36 2700 DIM HO	10	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	25,000	640	1880	80	2700	1.9
43243-5	10MR16/F36 3000 DIM HO	10	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	25,000	650	2030	80	3000	1.9
43244-3	10MR16/F36 4000 DIM HO	10	12V AC	Dimmable MR16 LED 36°	MR16	GU5.3	25,000	650	2260	80	4000	1.9

1. Rated average life is based on engineering data testing and probability analysis.

2. Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.

3. All Philips LED MR equivalencies for light output are based upon the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at: www.EnergyStar.gov/LEDBulbs, LED Light bulbs for Partners, Program Requirements PDF, Pg 11.

Footnotes from front:

1. Rated average life is based on engineering data testing and probability analysis.

† Dimmable when using leading edge dimmers (see Philips Website: www.philips.com/ledtechguide for compatible leading edge dimmers).

* Light output of the 10W MR16 Dimmable LED Lamp compares to the 75W Halogen MR16 based upon the Energy Star Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at: EnergyStar.gov/LEDBulbs, LED Light Bulbs for Partners, Program Requirements PDF, Pg 11.

‡ For details see: www.philips.com/warranties.

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	SKUs per Layer	Layers High	SKU Dimensions (W x D x H) (In.)	Case Dimensions (W x D x H) (In.)	Pallet Dimensions (W x D x H) (In.)
43265-8	43265-2	43265-7	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43266-6	43266-9	43266-4	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43267-4	43267-6	43267-1	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43259-1	43259-1	43259-6	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43260-9	43260-7	43260-2	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43261-7	43261-4	43261-9	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43262-5	43262-1	43262-6	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43263-3	43263-8	43263-3	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43264-1	43264-5	43264-0	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43240-1	43240-9	43240-4	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43241-9	43241-6	43241-1	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43242-7	43242-3	43242-8	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43243-5	43243-0	43243-5	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1
43244-3	43244-7	43244-2	10	1.3	0.098	3800	380	10	2.0 x 2.0 x 2.76	4.5 x 10.6 x 3.5	39.4 x 47.2 x 41.1

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Energy Saving Solution

Estimated Lighting Costs Using a Standard 75W MR16 Halogen

Present Wattage	75 W
x Annual Operating Hours	4,000 hrs
	= 300,000 watt-hours
+1,000	= 300 kWh per year
x kWh rate of \$0.11	= \$33.00 per year
x 100 fixtures	= \$3,300.00 annual energy cost per space

Estimated Lighting Costs Using a Philips 10W MR16 LED Lamp

Present Wattage	10 W
x Annual Operating Hours	4,000 hrs
	= 40,000 watt-hours
+1,000	= 40 kWh per year
x kWh rate of \$0.11	= \$4.40 per year
x 100 fixtures	= \$440.00 annual energy cost per space

Total Estimated Annual Savings[◇] = \$2,860.00

[◇] Based on 100 lamps per space operating at 4,000 hours per year.

This example shows an application of 100 lamps accenting a space, operating 4,000 hours per year at a cost of \$0.11 per kWh. Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 standard 75W MR16 halogen lamps with Philips 10W MR16 Dimmable LED Lamps can provide significant energy cost savings of \$2,860 per year!

Potential savings from the reduction in HVAC costs as a result of using a low wattage lamp that emits less heat is an additional benefit not included in this example.

WARNINGS AND CAUTIONS

- Suitable for use with Class 1 and Class 2 circuits
- Suitable for use in damp locations.
- Not for use in totally enclosed luminaires.
- Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

CAUTION: Risk of electric shock— do not use where directly exposed to water.

NOTES: This device complies with Part 18 of the FCC rule. This product may cause interference with other devices. If interference occurs, change the location of the products involved. This RFLD device complies with Canadian ICES-005.



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Philips Lighting Company
A Division of Philips North America
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 800-555-0050

Philips Lighting Company
A Division of Philips Canada
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008