



Philips eW® MR Lamps

Long lifetime
Low power consumption
Familiar form factor

Essential White Series

The LED lamp replacement
for MR16 fixtures*

Energy efficient, compact LED lamp

Philips eW® MR Lamps are compact LED lamps designed to fit into MR16 fixtures* and sockets.

Features

- High intensity LED package and customized optics for efficient and even distribution of light
- Two beam angle variations for wide variety of spot and narrow flood applications

Specifications

- 2700K or 4200K color temperature
- 10° or 25° beam angles
- Compatible with MR16 (GU5.3) base*
- 50,000 hour lifetime†

Power connections

- Standard MR 16 bi-pin connectors
- 5.5W power consumption
- Compatible with magnetic low-voltage (12VAC) transformers

(* † See back page for footnotes)

PHILIPS

sense and simplicity

Philips eW® MR lamps

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

Product Number	Ordering Code	Watts	Volts	Lamps per SKU	Description	Bulb Type	Base	Min. Lumen Maint. (Hrs.) ¹	Approx. Lumens	Approx. MBCP ²	CRI	CCT (K)	MOL (In.)
21851-1	BBH400 1XLED-HB/WW-2700 10NS	4.9	12	1	eW MR-16 12V 10° 2700 K	MR-16	GU5.3	60,000	37	877	70	2700	2.1
21852-9	BBH400 1XLED-HB/NW-4200 10NS	4.9	12	1	eW MR-16 12V 10° 4200 K	MR-16	GU5.3	60,000	47	877	76	4200	2.1
21854-5	BBH400 1XLED-HB/WW-2700 25NF	4.9	12	1	eW MR-16 12V 25° 2700 K	MR-16	GU5.3	60,000	47	244	70	2700	2.1
21855-2	BBH400 1XLED-HB/NW-4200 25NF	4.9	12	1	eW MR-16 12V 25° 4200 K	MR-16	GU5.3	60,000	66	348	76	4200	2.1

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	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.)
21851-1	21851-5	21851-0	50	15.763	1.026	1800	300	6	2.91 x 2.91 x 2.91	15.28 x 15.51 x 7.48	30.55 x 46.53 x 44.88
21852-9	21852-2	21852-7	50	15.763	1.026	1800	300	6	2.91 x 2.91 x 2.91	15.28 x 15.51 x 7.49	30.55 x 46.53 x 44.88
21854-5	21854-6	21854-1	50	15.763	1.026	1800	300	6	2.91 x 2.91 x 2.91	15.28 x 15.51 x 7.50	30.55 x 46.53 x 44.88
21855-2	21855-3	21855-8	50	15.763	1.026	1800	300	6	2.91 x 2.91 x 2.92	15.28 x 15.51 x 7.51	30.55 x 46.53 x 44.88

1) Minimum Lumen Maintenance is the minimum number of hours after which the LED light output depreciates to 70% of its initial output. This value, L70, is tested at 25C ambient temperature (IES LM-80).

2) Maximum Beam Candlepower

The Philips eW® MR fixture is well suited for use with tracks, rails, cables, and pendants in interior architectural, retail, exhibit, and display applications.

The 4200K color temperature version of the eW MR fixture is used to generate the following renderings and point-to-point calculations for a typical display application.

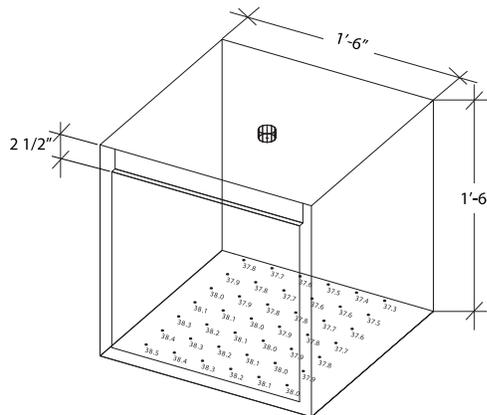
Application Rendering

Rendering of a display application using the eW MR fixture.



Isometric View

Below is an isometric wireframe view of the display case with dimensions featured in the rendering to the left. The point-to-point values are shown on the bottom of the case and spaced at 3" on center.



Footnotes from front page:

* Fits most standard, low-voltage MR16 light fixtures with a GU5.3 base.

See website for compatibility guidelines.

† Based on LED manufacturers' test data.



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