

PHILIPS

LED

MR16 and MRX16
Dimmable



7W MR16

8.5W MRX16

Dimmable accent lighting **with higher performance** LED retrofits

Philips LED MR16 and MRX16 Dimmable LED Lamps with smooth dimming provide ambient level light to illuminate hard to maintain applications.

The lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. While lack of UV or IR in the beam, makes it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.).

Philips LED MR16 and MRX16 Dimmable Lamps

Easy to experience

- Suitable for use in enclosed fixtures¹
- 25,000-hr life for Energy Star® qualified lamps
- 40,000-hr design life² for 7W MR16 & 8.5W MRX16
- Optics engineered to eliminate multiple shadows
- No harmful UV radiation

True MR16 Retrofit

- Electrically compatibility with most traditional halogen transformers
- “Perfect fit” mechanical design fits most MR16 fixtures
- Fully dimmable

Superior Performance

- Best-in-class flux, intensity and beam quality
- Long life: 40,000-hour design life²
- Minimal color shift & stable flux output throughout lifetime

(1,2, see next page for footnotes)

Philips LED MR16 and MRX16 Dimmable Lamps

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

Product Number	Model Number	Ordering Code	Equiv. Watts ³ (W)	Description	Bulb	Base	Lamp Watts (W)	Dim	Design Life (Hrs)	Color Temp (K)	Lumens	CRI	Beam Angle	MBCP ⁴ (cd)
Up to a 50W halogen MR16 Replacement														
☐ 45741-6	9290011525	7MR16/S15 2700 DIM AF2 10/1	30	Spot 15° 2700K	MR16	GU5.3	7	Yes	40,000	2700	400	80	15	2850
☐ 45742-4	9290011526	7MR16/S15 3000 DIM AF2 10/1	30	Spot 15° 3000K	MR16	GU5.3	7	Yes	40,000	3000	420	80	15	2950
☐ 45743-2	9290011527	7MR16/S15 4000 DIM AF2 10/1	30	Spot 15° 4000K	MR16	GU5.3	7	Yes	40,000	4000	440	80	15	3050
☐ 45744-0	9290011528	7MR16/F25 2700 DIM AF2 10/1	42	Flood 25° 2700K	MR16	GU5.3	7	Yes	40,000	2700	420	80	25	2100
☐ 45745-7	9290011529	7MR16/F25 3000 DIM AF2 10/1	42	Flood 25° 3000K	MR16	GU5.3	7	Yes	40,000	3000	440	80	25	2200
☐ 45746-5	9290011530	7MR16/F25 4000 DIM AF2 10/1	42	Flood 25° 4000K	MR16	GU5.3	7	Yes	40,000	4000	460	80	25	2300
☐ 45747-3	9290011531	7MR16/F35 2700 DIM AF2 10/1	42	Flood 35° 2700K	MR16	GU5.3	7	Yes	40,000	2700	420	80	35	1150
☐ 45748-1	9290011532	7MR16/F35 3000 DIM AF2 10/1	42	Flood 35° 3000K	MR16	GU5.3	7	Yes	40,000	3000	440	80	35	1200
☐ 45749-9	9290011533	7MR16/F35 4000 DIM AF2 10/1	42	Flood 35° 4000K	MR16	GU5.3	7	Yes	40,000	4000	460	80	35	1250
Up to a 75W halogen MR16 Replacement														
☐ 45750-7	9290011498A	8.5MRX16/F25 2700 DIM AF 10/1	75	Flood 25° 2700K	MRX16	GU5.3	8.5	Yes	40,000	2700	635	80	25	3100
☐ 45751-5	9290011499A	8.5MRX16/F25 3000 DIM AF 10/1	75	Flood 25° 3000K	MRX16	GU5.3	8.5	Yes	40,000	3000	660	80	25	3250
☐ 45752-3	9290011500A	8.5MRX16/F25 4000 DIM AF 10/1	75	Flood 25° 4000K	MRX16	GU5.3	8.5	Yes	40,000	4000	710	80	25	3350
☐ 45753-1	9290011501A	8.5MRX16/F35 2700 DIM AF 10/1	75	Flood 35° 2700K	MRX16	GU5.3	8.5	Yes	40,000	2700	635	80	35	1650
☐ 45754-9	9290011502A	8.5MRX16/F35 3000 DIM AF 10/1	75	Flood 35° 3000K	MRX16	GU5.3	8.5	Yes	40,000	3000	660	80	35	1700
☐ 45755-6	9290011503A	8.5MRX16/F35 4000 DIM AF 10/1	75	Flood 35° 4000K	MRX16	GU5.3	8.5	Yes	40,000	4000	710	80	35	1750

1. See Technical Application Guide for complete details
2. Design life is based on engineering data testing and probability analysis.
3. This wattage should be used to determine the maximum number of LED lamps for a given transformer, not the Lamp Watts.
4. Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.
- ☐ This lamp is ENERGY STAR® Certified.

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.)
Up to a 50W halogen MR16 Replacement											
45741-6	45741-6	45741-9	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45742-4	45742-4	45742-6	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45743-2	45743-2	45743-3	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45744-0	45744-0	45744-0	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45745-7	45745-7	45745-7	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45746-5	45746-5	45746-4	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45747-3	45747-3	45747-1	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45748-1	45748-1	45748-8	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45749-9	45749-9	45749-5	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
Up to a 75W halogen MR16 Replacement											
45750-7	45750-1	45750-6	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45751-5	45751-8	45751-3	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45752-3	45752-5	45752-0	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45753-1	45753-2	45753-7	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45754-9	45754-9	45754-4	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6
45755-6	45755-6	45755-1	10	1.35	0.06	6110	470	13	1.8 x 1.8 x 2.2	9.3 x 4 x 2.8	47.2 x 39.4 x 42.6



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