



MR16 - 8W



MR16 - GU10

## ProLED® MR16 Series

**Halco**  
LIGHTING TECHNOLOGIES

Halco Lighting Technologies' next generation ProLED® MR16 Series Lamps feature a true to form MR16 shape with a shallower lens. With advancements in LED technology, Halco has improved the efficiency of our ProLED MR16 series by lowering wattage consumption and increasing light output. ProLED's new 2.5W, 4W, 4.5W, and 8W MR16 lamps (10W, 20W, 35W and 50W Halogen equivalents, respectively) save up-to 87% in energy costs<sup>1</sup> without sacrificing light quality. The lamps improved thermal characteristics are more effective in managing the heat generated by the lamp, allowing for a long 40,000 hour rated life. The new MR16 lamps are also damp location rated, available in a variety of color temperatures, with CRI of 82 and backed by a 5-Year Limited Warranty.

### Specifications:

- MR16 with GU5.3 or GU10 base
- UL Listed for damp locations
- 10-18V (10W, 20W and 50W equivalents)
- 10-15V (35W equivalent)
- Available in 2700K, 3000K & 5000K in Flood beam angles
- Available in 2700K & 3000K in Narrow Flood and Wide Flood beam angles
- 82 CRI for quality and consistent color rendering
- No Mercury or UV/IR emissions
- RoHS Compliant
- 5-Year Limited Warranty



- » Dimmable to 5% for design flexibility

### Markets:

- Residential
- Commercial

### Applications:

- Accent
- Display
- Education
- Healthcare
- Hospitality
- Office
- Retail

where there's light, there's halco®

Contact your account representative at 800.677.3334 for pricing, orders and technical support.

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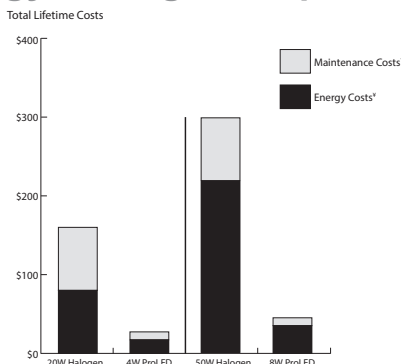
<sup>1</sup> Energy savings based on \$0.11 kWh over the life of the ProLED lamp.

## Ordering Information

Watt	Base	Product #	Product Code	Description	Volts	Color Temp.	CRI	Lumens	CBCP	Useful Life*	Pkg. Qty.	Beam Spread	MOL	Equivalent Wattage
2.5 Watt	GU5.3	81055	MR16NFL10/827/LED	Narrow Flood ⇨⇨	10-18V	2700	82	200	800	40000	1/10	20°	1.97"	10
2.5 Watt	GU5.3	81079	MR16NFL10/830/LED	Narrow Flood ⇨⇨	10-18V	3000	82	210	830	40000	1/10	20°	1.97"	10
2.5 Watt	GU5.3	81056	MR16FL10/827/LED	Flood ⇨⇨	10-18V	2700	82	200	300	40000	1/10	40°	1.97"	10
2.5 Watt	GU5.3	81077	MR16FL10/830/LED	Flood ⇨⇨	10-18V	3000	82	210	320	40000	1/10	40°	1.97"	10
2.5 Watt	GU5.3	81058	MR16FL10/850/LED	Flood ⇨⇨	10-18V	5000	82	230	350	40000	1/10	40°	1.97"	10
2.5 Watt	GU5.3	81057	MR16WFL10/827/LED	Wide Flood ⇨⇨	10-18V	2700	82	200	200	40000	1/10	60°	1.97"	10
2.5 Watt	GU5.3	81080	MR16WFL10/830/LED	Wide Flood ⇨⇨	10-18V	3000	82	210	220	40000	1/10	60°	1.97"	10
4 Watt	GU5.3	81059	MR16BBF/827/LED	Narrow Flood ⇨⇨	10-18V	2700	82	270	900	40000	1/10	20°	1.97"	20
4 Watt	GU5.3	81081	MR16BBF/830/LED	Narrow Flood ⇨⇨	10-18V	3000	82	280	1100	40000	1/10	20°	1.97"	20
4 Watt	GU5.3	81060	MR16BAB/827/LED	Flood ⇨⇨	10-18V	2700	82	270	440	40000	1/10	40°	1.97"	20
4 Watt	GU5.3	81062	MR16BAB/830/LED	Flood ⇨⇨	10-18V	3000	82	280	500	40000	1/10	40°	1.97"	20
4 Watt	GU5.3	81063	MR16BAB/850/LED	Flood ⇨⇨	10-18V	5000	82	310	530	40000	1/10	40°	1.97"	20
4 Watt	GU5.3	81061	MR16WFL20/827/LED	Wide Flood ⇨⇨	10-18V	2700	82	270	210	40000	1/10	60°	1.97"	20
4 Watt	GU5.3	81082	MR16WFL20/830/LED	Wide Flood ⇨⇨	10-18V	3000	82	280	230	40000	1/10	60°	1.97"	20
4 Watt	GU5.3	80728	MR16/5RGB/FL/LED	Flood Color Changing Red, Green, Blue ⇨	10-18V	-	-	-	-	40000	1/10	31°	2.17"	-
		80649	RGB/REMOTE	Remote Control for Color Changing Lamps										
4.5 Watt	GU5.3	81064	MR16FRA/827/LED	Narrow Flood ⇨⇨	10-15V	2700	82	380	1700	40000	1/10	20°	1.97"	35
4.5 Watt	GU5.3	81083	MR16FRA/830/LED	Narrow Flood ⇨⇨	10-15V	3000	82	390	1800	40000	1/10	20°	1.97"	35
4.5 Watt	GU5.3	81065	MR16FMW/827/LED	Flood ⇨⇨	10-15V	2700	82	380	600	40000	1/10	40°	1.97"	35
4.5 Watt	GU5.3	81067	MR16FMW/830/LED	Flood ⇨⇨	10-15V	3000	82	390	650	40000	1/10	40°	1.97"	35
4.5 Watt	GU5.3	81068	MR16FMW/850/LED	Flood ⇨⇨	10-15V	5000	82	430	700	40000	1/10	40°	1.97"	35
4.5 Watt	GU5.3	81066	MR16WFL35/827/LED	Wide Flood ⇨⇨	10-15V	2700	82	380	300	40000	1/10	60°	1.97"	35
4.5 Watt	GU5.3	81084	MR16WFL35/830/LED	Wide Flood ⇨⇨	10-15V	3000	82	390	320	40000	1/10	60°	1.97"	35
5 Watt	GU10	80860	MR16FL5/830/GU10/LED	Flood ⇨⇨	120V	3000	82	370	750	40000	1/10	40°	2.17"	35
7 Watt	GU10	80167	MR16FL7/830/GU10/LED	Flood ⇨⇨	120V	3000	82	520	1100	25000	1/10	40°	2.17"	50
8 Watt	GU5.3	81069	MR16EXZ/827/LED	Narrow Flood ⇨⇨	10-18V	2700	82	590	2700	40000	1/10	20°	1.97"	50
8 Watt	GU5.3	81085	MR16EXZ/830/LED	Narrow Flood ⇨⇨	10-18V	3000	82	600	2800	40000	1/10	20°	1.97"	50
8 Watt	GU5.3	81070	MR16EXN/827/LED	Flood ⇨⇨	10-18V	2700	82	590	1100	40000	1/10	40°	1.97"	50
8 Watt	GU5.3	81072	MR16EXN/830/LED	Flood ⇨⇨	10-18V	3000	82	600	1200	40000	1/10	40°	1.97"	50
8 Watt	GU5.3	81073	MR16EXN/850/LED	Flood ⇨⇨	10-18V	5000	82	660	1400	40000	1/10	40°	1.97"	50
8 Watt	GU5.3	81071	MR16FNV/827/LED	Wide Flood ⇨⇨	10-18V	2700	82	590	500	40000	1/10	60°	1.97"	50
8 Watt	GU5.3	81086	MR16FNV/830/LED	Wide Flood ⇨⇨	10-18V	3000	82	600	520	40000	1/10	60°	1.97"	50

⊕ NEW ITEM!  
 \* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to burn past this point, but at decreased light levels. Warranty - Commercial / Industrial: This product is warranted for 5 years from the date of purchase, based on 10 hours of use per day. May not be compatible with all electronic transformers. Magnetic transformers are recommended for dimming applications. Not for use in enclosed fixtures.  
 • May not be compatible with all dimming systems, dimming performance may vary by system. Use on incompatible systems may shorten lamp life. Lamps should be tested in the application for compatibility prior to full installations on circuits using such devices.  
 † Acceptable for use in sealed metal landscape fixtures when protected from the elements.

## Energy Savings Comparison



Watts	Energy Costs	Maintenance Costs	Total Lifetime Costs	Lifetime Savings
4W ProLED	\$17	\$10	\$27	\$141
20W Halogen	\$88	\$80	\$168	
8W ProLED	\$35	\$10	\$45	\$255
50W Halogen	\$220	\$80	\$300	

\* Maintenance costs based on 15 minutes to replace the lamp at \$40 per/hr over the life of the ProLED lamp.  
 † Energy costs based on \$0.11 kWh over 40,000 hour life.