



Uphoria™ Edge LED MR16 (95+ CRI)

LED MR16 with High R9

Available in 7W, the 95+ CRI Uphoria™ Edge LED MR16 lamps offer an energy saving alternative while providing excellent color rendering with a high R9 value showing more vibrant reds.

With the form, fit and function of traditional halogen MR16 lamps, these dimmable LEDs are lightweight with a smooth reflector design and provide up to 83% savings on energy costs. The COB design mimics panel lighting providing crisper, cleaner shadows. Also, these premium LED MR16 lamps are damp location rated and UL 1993 rated for totally enclosed fixtures.

Ushio America is proud to stand behind these MR16 LED lamps with a 3-year limited warranty.

All Uphoria Edge LED MR16 (95+ CRI) lamps operate on 12V in either a Soft White (2700K) or a Warm White (3000K) color temperature. These lamps are available in Spot (15°), Narrow Flood (25°) and Flood (40°) beam angles.



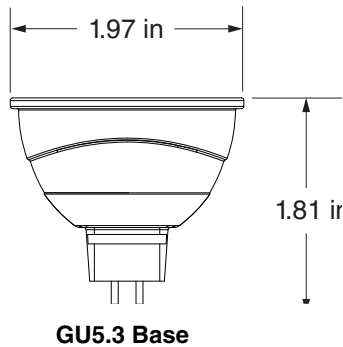
FEATURES & BENEFITS

- Very High Color Rendering (95+ CRI)
- High R9: 90
- Suitable for Use in Totally Enclosed Fixture (UL 1993)
- COB for Crisper, Cleaner Shadows
- Energy Saving
- Dimmable
- Damp Location Rated
- 25,000 Hours Rated Life
- Application Friendly: UV Free & IR Free
- Environmentally Friendly: Mercury Free, Lead Free and RoHS Compliant
- 3-Year Limited Warranty

APPLICATIONS

- Track Lighting
- Recessed Lighting
- Landscape Lighting
- Accent Lighting
- Art Gallery & Museum Lighting
- Hospitality Lighting

SPECIFICATIONS



Case Quantity: 12

| Watts (W) | Ordering Code | Lamp Description | Color | | Beam Angle | Beam Spread | Lumens* (lm) | CBCP* | CRI | Rated** Life (h) |
|-----------|---------------|---|-----------|----------|------------|--------------|--------------|-------|-----|------------------|
| | | | Volts (V) | Temp (K) | | | | | | |
| 7 | 1004291 | UPHORIA EDGE LED MR16, SP15, SW27, 95+ CRI | 12 | 2700 | 15° | Spot | 440 | 2934 | 95+ | 25,000 |
| 7 | 1004293 | UPHORIA EDGE LED MR16, SP15, WW30, 95+ CRI | 12 | 3000 | 15° | Spot | 440 | 3025 | 95+ | 25,000 |
| 7 | 1004292 | UPHORIA EDGE LED MR16, NFL25, SW27, 95+ CRI | 12 | 2700 | 25° | Narrow Flood | 440 | 1848 | 95+ | 25,000 |
| 7 | 1004294 | UPHORIA EDGE LED MR16, NFL25, WW30, 95+ CRI | 12 | 3000 | 25° | Narrow Flood | 460 | 1945 | 95+ | 25,000 |
| 7 | 1004218 | UPHORIA EDGE LED MR16, FL40, SW27, 95+ CRI | 12 | 2700 | 40° | Flood | 440 | 942 | 95+ | 25,000 |
| 7 | 1004219 | UPHORIA EDGE LED MR16, FL40, WW30, 95+ CRI | 12 | 3000 | 40° | Flood | 460 | 1034 | 95+ | 25,000 |

* Photometric data is based on LM-79 tests.

** Average life based on 70% lumen maintenance.

Not compliant with California Title 20.
Discontinued - For Reference Only

Electrical Specifications:

Driver: High Efficiency

Power Factor: > 0.9

Dimming: See www.ushio.com for dimmer compatibility options.

CAUTIONS:

Suitable for dry and damp locations.

Not for use in emergency or exit lighting.

PHOTOMETRICS & SPECTRAL DISTRIBUTION CHARTS

Photometrics

2700K

Item 1004291

| ø(ft) | H(ft) | E(fc) |
|-------------------------|-------|-------|
| 0.9 | 3.3 | 269.4 |
| 1.8 | 6.6 | 67.3 |
| 2.7 | 9.9 | 29.9 |
| 3.6 | 13.2 | 16.8 |
| 4.6 | 16.5 | 10.8 |
| 15° | | 7W |
| 7W LED MR16, SP15, SW27 | | |

Item 1004292

| ø(ft) | H(ft) | E(fc) |
|--------------------------|-------|-------|
| 1.3 | 3.3 | 169.7 |
| 2.7 | 6.6 | 42.4 |
| 4.0 | 9.9 | 18.9 |
| 5.4 | 13.2 | 10.6 |
| 6.7 | 16.5 | 6.8 |
| 25° | | 7W |
| 7W LED MR16, NFL25, SW27 | | |

Item 1004218

| ø(ft) | H(ft) | E(fc) |
|-------------------------|-------|-------|
| 2.2 | 3.3 | 86.5 |
| 4.4 | 6.6 | 21.6 |
| 6.5 | 9.9 | 9.6 |
| 8.7 | 13.2 | 5.4 |
| 10.9 | 16.5 | 3.5 |
| 40° | | 7W |
| 7W LED MR16, FL40, SW27 | | |

3000K

Item 1004293

| ø(ft) | H(ft) | E(fc) |
|-------------------------|-------|-------|
| 0.9 | 3.3 | 244.0 |
| 1.9 | 6.6 | 61.0 |
| 2.8 | 9.9 | 27.1 |
| 3.7 | 13.2 | 15.3 |
| 4.7 | 16.5 | 9.8 |
| 15° | | 7W |
| 7W LED MR16, SP15, WW30 | | |

Item 1004294

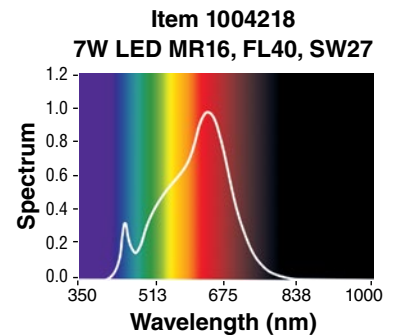
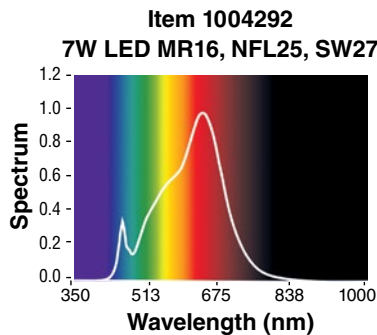
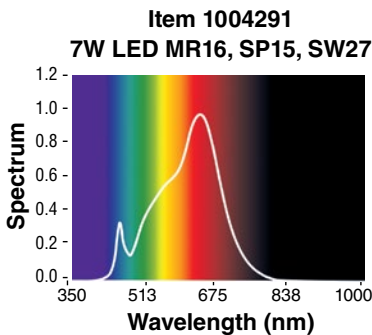
| ø(ft) | H(ft) | E(fc) |
|--------------------------|-------|-------|
| 1.3 | 3.3 | 196.1 |
| 2.6 | 6.6 | 49.0 |
| 3.9 | 9.9 | 21.8 |
| 5.2 | 13.2 | 12.3 |
| 6.5 | 16.5 | 7.8 |
| 25° | | 7W |
| 7W LED MR16, NFL25, WW30 | | |

Item 1004219

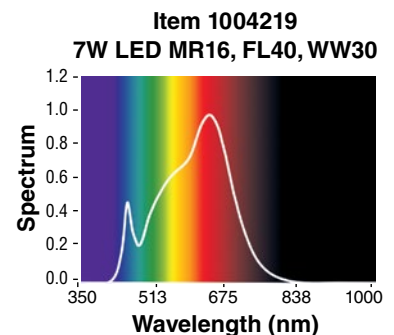
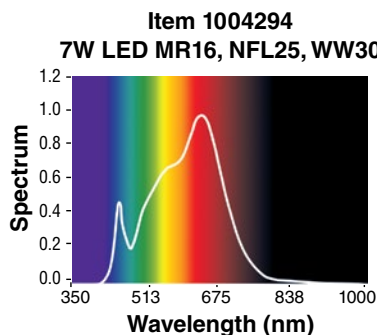
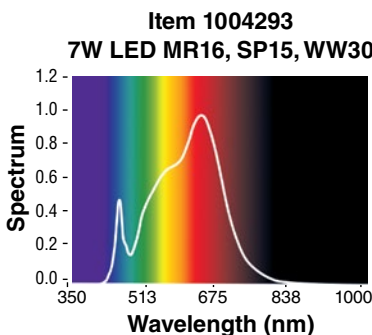
| ø(ft) | H(ft) | E(fc) |
|-------------------------|-------|-------|
| 2.2 | 3.3 | 94.9 |
| 4.4 | 6.6 | 23.7 |
| 6.5 | 9.9 | 10.5 |
| 8.7 | 13.2 | 5.9 |
| 10.9 | 16.5 | 3.8 |
| 40° | | 7W |
| 7W LED MR16, FL40, WW30 | | |

Spectral Distribution Charts

2700K



3000K



LIGHTING FACTS

2700K

Item 1004291
7W LED MR16, SP15, SW27

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 440 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

Item 1004292
7W LED MR16, NFL25, SW27

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 440 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

Item 1004218
7W LED MR16, FL40, SW27

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 440 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

3000K

Item 1004293
7W LED MR16, SP15, WW30

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 440 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

Item 1004294
7W LED MR16, NFL25, WW30

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 460 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

Item 1004219
7W LED MR16, FL40, WW30

| Lighting Facts/ Faits d'éclairage | |
|--|-----------------------|
| Per Bulb/Par l'ampoule | |
| Brightness/Luminosité | 460 lumens |
| Estimated Yearly Energy Cost/ Coût énergétique annuel estimé | \$0.84 |
| Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation. | |
| Life/Vie | 22.8 years/ans |
| Based on 3 hrs/day. /Basé sur 3 heures/jour. | |
| Light Appearance/Apparence de l'éclairage | |
| Warm/Chaud | Cool/Froid |
| | |
| Energy Used/Énergie utilisée | 7 watts |

CAUTION:

Lamp may not be compatible with all dimmers and transformers. Check www.ushio.com to find up to date dimmer and transformer compatibility options. Use only 12V AC circuits. Do not open. No user serviceable parts inside. Suitable for damp locations. Use is not recommended where exposed to weather. Outdoor usage requires an enclosed fixture. Meets UL 1993 safety rating for totally enclosed fixtures. Recommended lamp housing temperature is 170°F or below. Reliable operating environment temperature is -4°F to 113°F. Lamp is not intended for use with emergency exit fixtures, emergency exit lights, photo controls or electric timers. Lamp complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) device may not cause harmful interference, and (2) device must accept any interference received, including interference that may cause undesired operation.