

UPHORIA™ EDGE (95+ CRI)

LED MR16 Lamps

Ushio America introduces new 95+ CRI LED MR16 lamps to its Uphoria™ Edge series. Available in 7W, these certified LED MR16s 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 ENERGY STAR® certified 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 & RoHS Compliant
- 3-Year Limited Warranty

Qualifications:

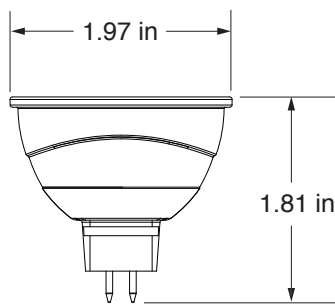


APPLICATIONS:

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

USHIO

UPHORIA™ EDGE LED MR16, 95+ CRI



GU5.3

Case Quantity: 12

Watts (W)	Ordering Code	Lamp Description	Volts (V)	Color Temp (K)	Beam Angle	Beam Spread	Lumens* (lm)	CBCP* (cd)	CRI	Rated** Life (h)
7	1004291	★ UPHORIA EDGE LED MR16, SP15, SW27, 95+ CRI	12	2700	15°	Spot	420	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.

★ ENERGY STAR Certified

** Hours rated life based on 70% lumen maintenance.

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.

UPHORIA™ EDGE LED MR16, 95+ CRI

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)
2.5	3.3	88.0
5.1	6.6	55.5
7.6	9.9	37.0
10.1	13.2	27.8
12.6	16.5	22.2
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

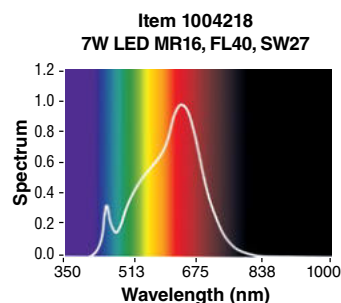
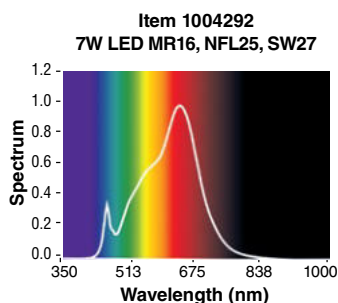
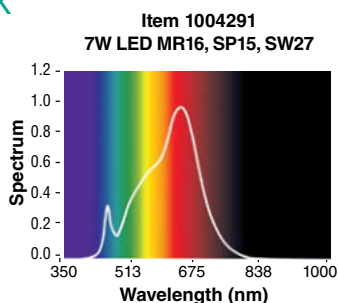
ø(ft)	H(ft)	E(fc)
1.3	3.3	196.1
2.6	6.6	49.0
3.9	9.9	21.8
5.2	13.2	12.3
6.5	16.5	7.8
25°		7W
7W LED MR16, NFL25, WW30		

Item 1004219

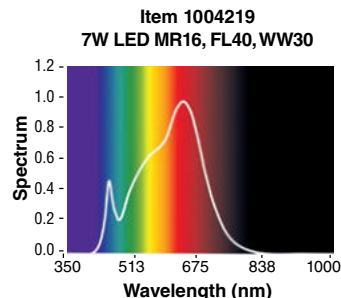
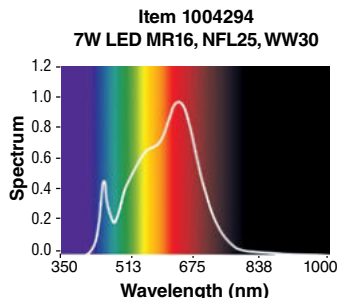
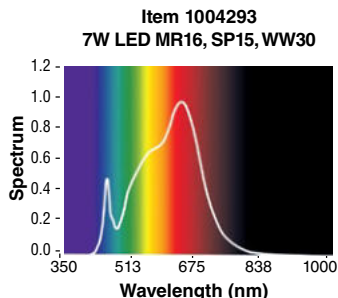
ø(ft)	H(ft)	E(fc)
3.3	3.3	54.90
6.5	6.6	44.84
9.8	9.9	29.89
13.1	13.2	22.42
16.3	16.5	17.94
40°		7W
7W LED MR16, FL40, WW30		

Spectral Distribution Charts

2700K



3000K



UPHORIA™ EDGE LED MR16, 95+ CRI

2700K

Item 1004291
7W LED MR16, SP15, SW27

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	420 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

CAUTIONS:

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.