

USHIO

IR MR-16 REFLECTOR LAMPS

EUROSTAR™ IR 12 VOLT SERIES



INFRARED (IR) MR-16 LAMPS FOR GENERAL LIGHTING

Consumers today demand energy-saving lighting options that don't sacrifice the quality of their lighted environment. USHIO's new Eurostar™ IR Infrared Halogen MR-16 lamps fulfill both of these demands. They reduce energy consumption by 30% compared to standard halogen MR-16 lamps and they maintain the crisp, white halogen light and superior beam control that makes any application look its best.

Thanks to an advanced infrared-reflective coating process applied to the halogen capsules, these lamps are able to produce a high light output while significantly reducing the amount of energy used.

The exceptional performance of the Eurostar™ IR lamps is a direct result of the unique capsule design and the thin film coatings that allow visible light to pass through the glass envelope while reflecting the infrared energy back to the filament. Because of this, the capsule maintains an optimum operating temperature and reduces the energy used by the lamp.

In addition to the technologically advanced capsule design, the Eurostar™ IR lamps incorporate the same premium characteristics that other lamps in the Eurostar™ MR-16 family feature. This includes the multi-layer titanium oxide coated reflector that allows the lamp to produce consistent color throughout life, as well as the precision-aligned axial filament for optimal beam control.

Available in 37W and 50W versions in Spot 9°, Narrow Flood 25°, Flood 35° and Wide Flood 60° beam spreads.

FEATURES & BENEFITS

- Special IR technology provides up to 30% energy savings
- 37W Eurostar™ IR MR-16 replaces standard 50W halogen MR-16
- 50W Eurostar™ IR MR-16 replaces standard 75W halogen MR-16
- Long Life – 5,000 hour average life
- Halogen Capsule Cuts Harmful UV – Reduces the amount of material wear from harmful UV radiation.
- Advanced Titanium Oxide Coating – Consistent color throughout lamp life
- Axial Filament – Provides optimal light output and consistent beam spreads
- Crisp White Halogen Light
- Base Type GU5.3

APPLICATIONS

- Museums and Galleries
- Retail Shops
- Offices & Commercial Areas
- Hotels & Restaurants
- Track Lighting
- Accent Lighting

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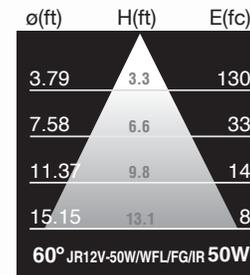
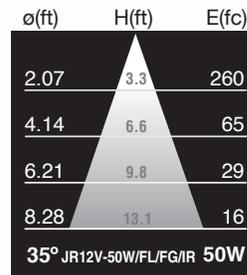
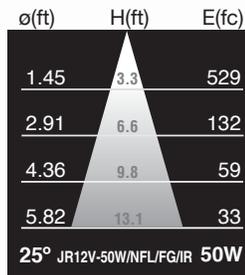
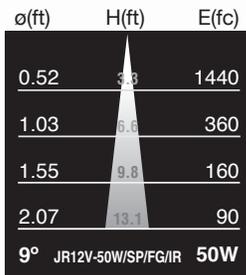
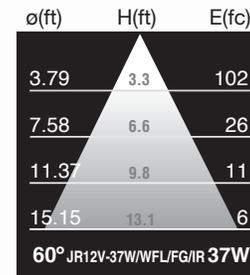
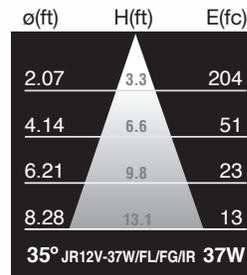
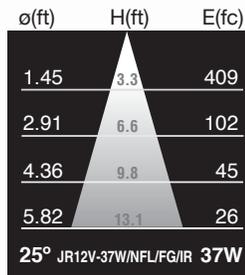
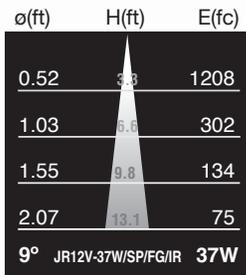
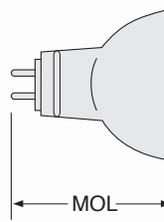
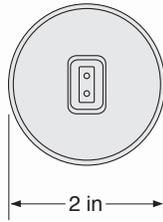
12V EUROSTAR™ IR

GU5.3 Base

C-6 Filament

Universal Burn Position

CHARACTERISTICS & SPECIFICATIONS



Watts (W)	Ushio Ordering Code	Ushio Lamp Description	MOL (in)	Color Temp (K)	Beam Angle	Beam Spread	Luminous Intensity (cd)	Avg Life (h)
37	1003706	JR12V-37W/SP/FG/IR	1.99	3000	9°	Spot	13000	5,000
37	1003705	JR12V-37W/NFL/FG/IR	1.99	3000	25°	Narrow Flood	4400	5,000
37	1003704	JR12V-37W/FL/FG/IR	1.99	3000	35°	Flood	2200	5,000
37	1003707	JR12V-37W/WFL/FG/IR	1.99	3000	60°	Wide Flood	1100	5,000
50	1003710	JR12V-50W/SP/FG/IR	1.99	3000	9°	Spot	15500	5,000
50	1003709	JR12V-50W/NFL/FG/IR	1.99	3000	25°	Narrow Flood	5700	5,000
50	1003708	JR12V-50W/FL/FG/IR	1.99	3000	35°	Flood	2800	5,000
50	1003711	JR12V-50W/WFL/FG/IR	1.99	3000	60°	Wide Flood	1400	5,000

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