

EUROSTAR™ IR MR16

INFRARED (IR) 12V MR16 LAMPS

Consumers today demand energy-saving, long life lighting options that will not sacrifice the quality of their lighted environment. The USHIO new Eurostar™ IR Infrared Halogen MR16 lamps fulfill both of these demands. They reduce energy consumption by 30% compared to standard halogen MR16 lamps, they last an average of 6,000 hours 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 film coating process applied to the halogen capsule which allows visible light to pass through the glass envelope while reflecting the infrared energy back to the filament. These lamps are able to produce a high light output while maintaining an optimum operating temperature and reduce the energy used by the lamp.

In addition to the advanced capsule design, the Eurostar IR lamps incorporate the same premium characteristics that other lamps in the Eurostar MR16 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.

The Eurostar IR lamp series has the longest rated life of any IR MR16 lamp on the market. At 6,000 hours average rated life the Eurostar IR lamps offer 20% greater life than other IR MR16 lamps and 50% more life than some standard MR16 lamps.

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 MR16 Replaces Standard 50W Halogen MR16
- 50W Eurostar IR MR16 Replaces Standard 75W Halogen MR16
- Long Life - 6,000 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

APPLICATIONS:

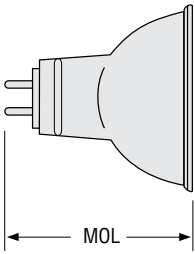
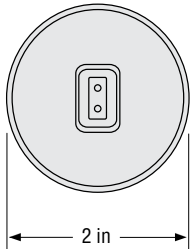
- Museums and Galleries
- Retail Shops
- Offices and Commercial Areas
- Hotels and Restaurants
- Track Lighting
- Accent Lighting



USHIO

EUROSTAR™ IR MR16

Infrared (IR) 12V MR16 Lamps for General Lighting



GU5.3

ø(ft)	H(ft)	E(fc)
0.52	3.3	1208
1.03	6.6	302
1.55	9.8	134
2.07	13.1	75
9° JR12V-37W/SP/FG/IR 37W		

ø(ft)	H(ft)	E(fc)
1.45	3.3	409
2.91	6.6	102
4.36	9.8	45
5.82	13.1	26
25° JR12V-37W/NFL/FG/IR 37W		

ø(ft)	H(ft)	E(fc)
2.07	3.3	204
4.14	6.6	51
6.21	9.8	23
8.28	13.1	13
35° JR12V-37W/FL/FG/IR 37W		

ø(ft)	H(ft)	E(fc)
3.79	3.3	102
7.58	6.6	26
11.37	9.8	11
15.15	13.1	6
60° JR12V-37W/WFL/FG/IR 37W		

ø(ft)	H(ft)	E(fc)
0.52	3.3	1440
1.03	6.6	360
1.55	9.8	160
2.07	13.1	90
9° JR12V-50W/SP/FG/IR 50W		

ø(ft)	H(ft)	E(fc)
1.45	3.3	529
2.91	6.6	132
4.36	9.8	59
5.82	13.1	33
25° JR12V-50W/NFL/FG/IR 50W		

ø(ft)	H(ft)	E(fc)
2.07	3.3	260
4.14	6.6	65
6.21	9.8	29
8.28	13.1	16
35° JR12V-50W/FL/FG/IR 50W		

ø(ft)	H(ft)	E(fc)
3.79	3.3	130
7.58	6.6	33
11.37	9.8	14
15.15	13.1	8
60° JR12V-50W/WFL/FG/IR 50W		

Case Quantity: 20

Watts (W)	Ordering Code	Lamp Description	Dimension MOL (in)	Color Temp (K)	Beam Angle	Beam Spread	Luminous Intensity (cd)	Burn Position	Average Rated Life (h)
EUROSTAR™ IR MR16, 2-Pin Base, C-6 Filament									
37	1003706	JR12V-37W/SP/FG/IR	1.99	3000	9°	Spot	13000	Universal	6000
37	1003705	JR12V-37W/NFL/FG/IR	1.99	3000	25°	Narrow Flood	4400	Universal	6000
37	1003704	JR12V-37W/FL/FG/IR	1.99	3000	35°	Flood	2200	Universal	6000
37	1003707	JR12V-37W/WFL/FG/IR	1.99	3000	60°	Wide Flood	1100	Universal	6000
50	1003710	JR12V-50W/SP/FG/IR	1.99	3000	9°	Spot	15500	Universal	6000
50	1003709	JR12V-50W/NFL/FG/IR	1.99	3000	25°	Narrow Flood	5700	Universal	6000
50	1003708	JR12V-50W/FL/FG/IR	1.99	3000	35°	Flood	2800	Universal	6000
50	1003711	JR12V-50W/WFL/FG/IR	1.99	3000	60°	Wide Flood	1400	Universal	6000

All dimensions shown in inches unless otherwise noted.

