

# ULTRALINE™ MR16

## 10,000 HOUR MR16 REFLECTOR LAMPS

The exceptional performance of the Ultraline™ MR16 reflector lamps are a result of our advancements in our filament design and gas fill technologies. Manufactured under ISO 9001 guidelines, refinements in the reflector coating process slows deterioration of the reflector, allowing Ultraline™ lamps to maintain their consistent Halogen color throughout the life of the lamp. Beware of Xenon filled imitations that produce a pale incandescent color.

Rated at more than twice the life of other MR16s on the market today, Ultraline lamps are an astute choice for applications where frequency of lamp changes and cost of ownership are significant factors. The Halogen capsule helps to protect ultraviolet sensitive objects by eliminating harmful UV emissions.

Available in - Spot, Narrow Flood, Flood and Wide Flood beam spreads, the Ultraline employs an axial filament that is computer aligned to attain precise 12°, 24°, 36° and 60° beam angles.

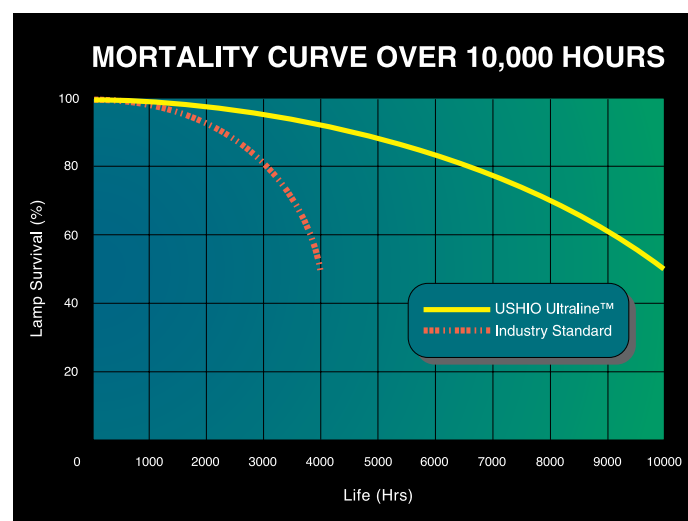


### FEATURES & BENEFITS:

- 10,000 Hours Average Life - A Rated Lifetime of Over Twice the Life of the Other MR16 Lamps Currently on the market
- Minimizes the Amount of Maintenance Required to Support Retail, Commercial and Display Lighting Installations
- Halogen Capsule Cuts Harmful UV - Reduces the Amount of Material Wear From Harmful UV Radiation
- Advanced Titanium Oxide Coating - Consistent Color Throughout Lamp Life
- Crisp White Halogen Light
- High Color Temperature - 3100K
- Cool Beam Effect
- Base Type GU5.3



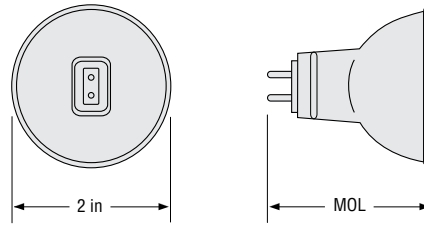
Ultraline™ lamps are manufactured under ISO 9001 guidelines ensuring quality and security for the purchaser.



# USHIO

# ULTRALINE™ MR16

## 10,000 Hour MR16 Reflector Lamps for General Lighting

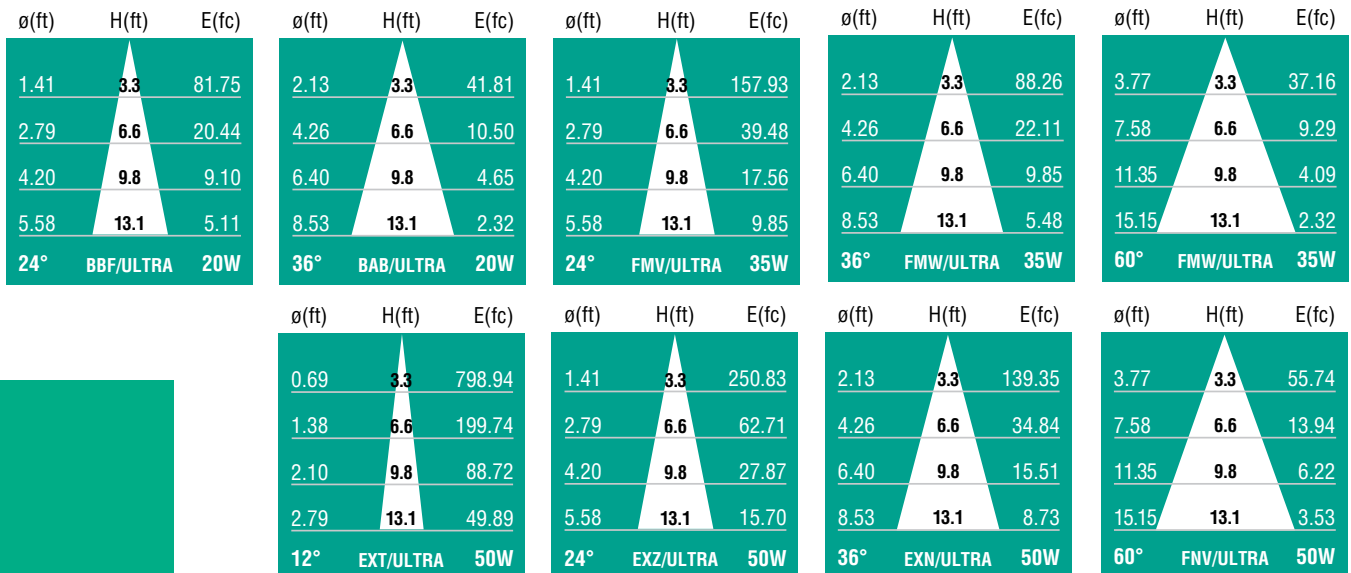


GU5.3

Case Quantity: 50

Watts (W)	Ordering Code	Lamp Description	Dimensions		Color Temp (K)	Beam Angle	Beam Spread	Luminous Intensity (cd)	Burn Position	Average Rated Life (h)
			Volts (V)	MOL (in)						
<b>ULTRALINE™ MR16 Titanium Oxide Coated Reflector, 2-Pin Base</b>										
20	1003413	BBF/FG/ULTRA	12	1.78	3000	24°	Narrow Flood	880	Universal	10000
20	1003412	BAB/FG/ULTRA	12	1.78	3000	36°	Flood	450	Universal	10000
35	1002236	FMV/FG/ULTRA	12	1.78	3000	24°	Narrow Flood	1700	Universal	10000
35	1002237	FMW/FG/ULTRA	12	1.78	3000	36°	Flood	950	Universal	10000
35	1003342	FMW/60/FG/ULTRA	12	1.78	3000	60°	Wide Flood	370	Universal	10000
50	1002168	EXT/FG/ULTRA	12	1.78	3100	12°	Spot	8600	Universal	10000
50	1002114	EXZ/FG/ULTRA	12	1.78	3100	24°	Narrow Flood	2700	Universal	10000
50	1000410	EXN/FG/ULTRA	12	1.78	3100	36°	Flood	1500	Universal	10000
50	1003343	FNV/60/FG/ULTRA	12	1.78	3100	60°	Wide Flood	620	Universal	10000

All dimensions shown in inches unless otherwise noted.



### LAMP SOCKET

The model C-33U socket is rated up to 24V-7A for use with all low voltage USHIO GU5.3 based MR16 lamps. The metal clips secure the lamp firmly into the socket. Use Ordering Code 1002142.