



Ultraline™ Titan Halogen MR16

Longest Life Halogen MR16 on the Market

Historically, MR16 lamps were known for outstanding performance, but limited life capabilities. USHIO broke new ground with the introduction of the Ultraline™ lamp series which allowed for long lamp life while maintaining outstanding lamp performance. Now the Ultraline™ Titan lamps from USHIO take MR16 technology one step further. Introducing the longest life MR16 on the market with a lamp life of up to 18,000 hours.

Manufactured under ISO 9001 guidelines, Ushio's proprietary advancements in filament design, gas fill technologies and refinements in the reflector coating process, produce long life hours and maintain consistent halogen color throughout the life of our Ultraline Titan series of lamps. The Halogen capsule also helps to protect ultraviolet sensitive objects by eliminating harmful UV emissions. Rated at more than four times the life of standard MR16 lamps on the market today, Ultraline Titan lamps are the number one choice for those applications where frequency of lamp changes and cost of ownership are significant factors.

Available in Spot, Narrow Flood, Flood and Wide Flood beam spreads, the Ultraline Titan employs a computer aligned axial filament to attain precise 12°, 24°, 36° & 60° beam angles.



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

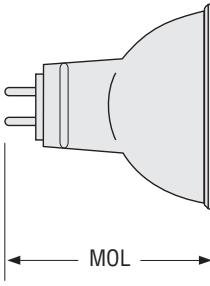
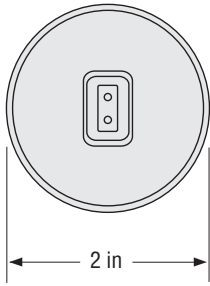
FEATURES & BENEFITS

- Up to 18,000 Hour Lamp Life - A Rated Lifetime of Over 4 Times the Life of Other Standard MR16 Lamps Currently on the Market
- Minimizes the Amount of Maintenance Required to Support Retail, Commercial and Display Lighting Installations
- Dramatically Reduces Lamp Costs - Eliminates Up to 3 Lamp Replacements Over the Life of the Ultraline Titan Lamp
- Halogen Capsule Cuts Harmful UV - Reduces the Amount of Degradation 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

APPLICATIONS

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

SPECIFICATIONS



GU5.3 Base

ø(ft)	H(ft)	E(fc)
1.41	3.3	81.75
2.79	6.6	20.44
4.20	9.8	9.10
5.58	13.1	5.11
24°	BBF/ULTRA TITAN	20W

ø(ft)	H(ft)	E(fc)
2.13	3.3	41.81
4.26	6.6	10.50
6.40	9.8	4.65
8.53	13.1	2.32
36°	BAB/ULTRA TITAN	20W

ø(ft)	H(ft)	E(fc)
0.69	3.3	798.94
1.38	6.6	199.74
2.10	9.8	88.72
2.79	13.1	49.89
12°	EXT/ULTRA TITAN	50W

ø(ft)	H(ft)	E(fc)
1.41	3.3	250.83
2.79	6.6	62.71
4.20	9.8	27.87
5.58	13.1	15.70
24°	EXZ/ULTRA TITAN	50W

ø(ft)	H(ft)	E(fc)
2.13	3.3	139.35
4.26	6.6	34.84
6.40	9.8	15.51
8.53	13.1	8.73
36°	EXN/ULTRA TITAN	50W

ø(ft)	H(ft)	E(fc)
3.77	3.3	55.74
7.58	6.6	13.94
11.35	9.8	6.22
15.15	13.1	3.53
60°	FNV/ULTRA TITAN	50W

Case Quantity: 50

Watts (W)	Ordering Code	Lamp Description	Dimensions		Color Temp (K)	Beam Angle	Beam Spread	CBCP (cd)	Burn Position	Average Rated Life (h)
			Volts (V)	MOL (in)						
ULTRALINE™ TITAN MR16 Titanium Oxide Coated Reflector, 2-Pin Base										
20	1003551	BBF/FG/ULTRA TITAN	12	1.78	3000	24°	Narrow Flood	880	Universal	15000
20	1003552	BAB/FG/ULTRA TITAN	12	1.78	3000	36°	Flood	450	Universal	15000
50	1003554	EXT/FG/ULTRA TITAN	12	1.78	3100	12°	Spot	8600	Universal	18000
50	1003555	EXZ/FG/ULTRA TITAN	12	1.78	3100	24°	Narrow Flood	2700	Universal	18000
50	1003553	EXN/FG/ULTRA TITAN	12	1.78	3100	36°	Flood	1500	Universal	18000
50	1003559	FNV/60/FG/ULTRA TITAN	12	1.78	3100	60°	Wide Flood	620	Universal	18000

All dimensions shown in inches unless otherwise noted.
Not compliant with California Title 20.
Discontinued - For Reference Only



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.