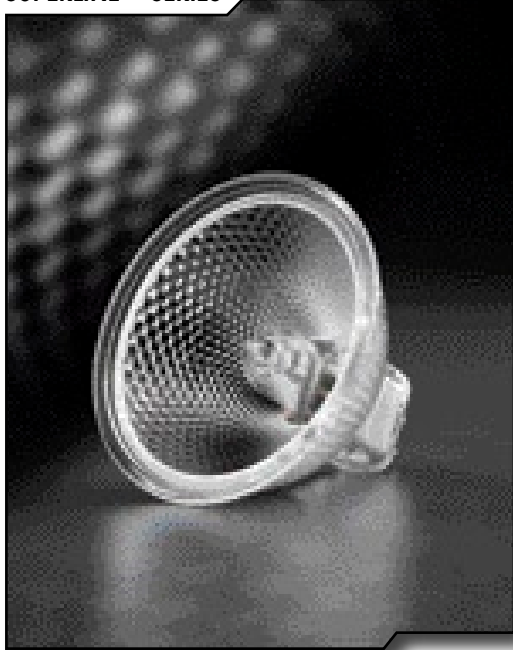


# USHIO

## MR-16 REFLECTOR LAMPS

### SUPERLINE™ SERIES



### MR-16 MULTILENSE REFLECTOR LAMPS FOR GENERAL LIGHTING

Superline™ series of Halogen MR-16 lamps provide professional accent lighting through evenly distributed light. The multilens geometry of the reflector surface in conjunction with an axial, computer-aligned filament, uniformly illuminates any surface. There is no ring-shaped shadow and no black spot in the middle of the light pattern. The refined beam pattern of the Superline™ lamp is perfectly suited for wall washing and illuminating artwork where the quality of light is not a compromise. The UV-cut halogen capsule and IR permeable reflector helps protect heat-sensitive objects. The multilayer reflector coating is made up of a hard Titanium Oxide surface that provides consistent color throughout the life of the lamp and consistent color from lamp to lamp. Superline™ has a long life of 5000 hours average life.

Available in— 20W, 35W, and 50W in

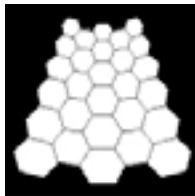
Narrow Flood and Flood beam spreads

## FEATURES & BENEFITS

- Excellent center-to-edge uniformity
- High quality Titanium Oxide coating
- Consistent Color
- Axial filament for precise beam control
- Long Life — 5000 hrs average
- Dimmable
- Crisp white Halogen light
- UV-cut Halogen capsule
- Base type GU5.3

#### Superline™ — Multilens Reflector

**Reflector Cross Section:**  
The hexagonal-shaped lenses provide total uniformity of light distribution



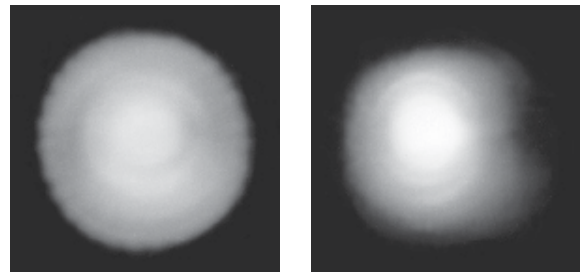
**Reflector Surface:**  
Optimized reflector design with hexagonal-shaped lenses



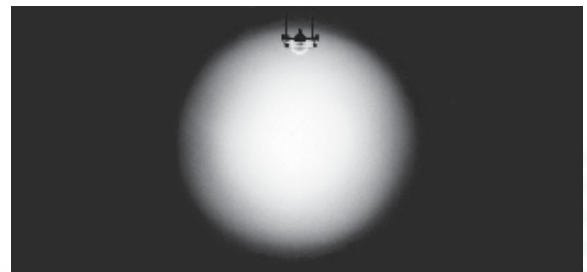
## APPLICATIONS

- Museums and Galleries
- Wall Washing
- Accent Lighting
- Offices and Commercial Areas
- Restaurants

#### Standard Multimirror Reflectors



#### Superline — Multilens Reflector

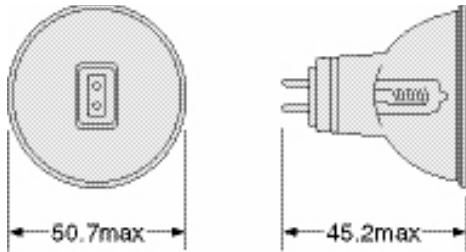


The geometry of the Multilens reflector together with an axial filament design, guarantees an absolute uniform appearance across the beam without unsightly shadows, dark spots or rings. (All photos: 20W, flood distribution, taken 1 meter from screen)

# USHIO

## CHARACTERISTICS & SPECIFICATIONS

### SUPERLINE™ MR-16 LAMPS



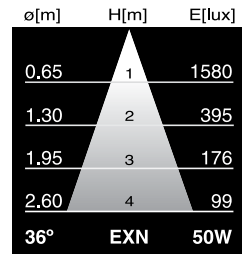
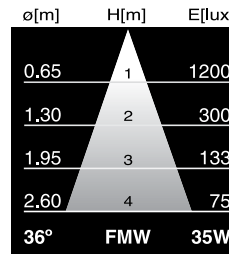
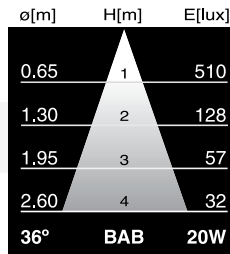
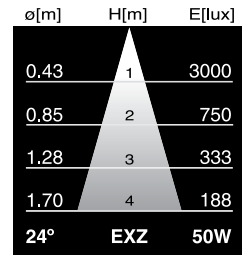
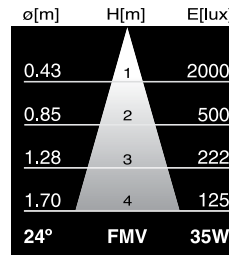
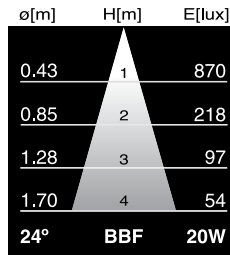
GU5.3

All dimensions are in millimeters



### LAMP SOCKET

The model C-33U socket is rated up to 24V-7A for use with all low voltage USHIO GU5.3 based MR-16 lamps. The metal clips secure the lamp firmly into the socket. Use Ordering Code 1002142



Watts (W)	Ushio Ordering Code	Ushio Lamp Code	Voltage (V)	Color Temp (K)	Beam Angle	Beam Spread	Luminous Intensity (cd)	Avg Life (h)	Burn Position
20	1000043	BBF/SL	12	2950	24°	Narrow Flood	870	5000	Universal
20	1000020	BAB/SL	12	2950	36°	Flood	510	5000	Universal
20	1000015	BAB/FG/SL	12	2950	36°	Flood	510	5000	Universal
35	1000563	FMV/SL	12	2950	24°	Narrow Flood	2000	5000	Universal
35	1000560	FMV/FG/SL	12	2950	24°	Narrow Flood	2000	5000	Universal
35	1000577	FMW/SL	12	2950	36°	Flood	1200	5000	Universal
35	1000574	FMW/FG/SL	12	2950	36°	Flood	1200	5000	Universal
50	1000440	EXZ/SL	12	3050	24°	Narrow Flood	3000	5000	Universal
50	1000431	EXZ/FG/SL	12	3050	24°	Narrow Flood	3000	5000	Universal
50	1000409	EXN/SL	12	3050	36°	Flood	1580	5000	Universal
50	1000406	EXN/FG/SL	12	3050	36°	Flood	1580	5000	Universal



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

Form No. S-MR16SL/R-1007

The specifications on this sheet supersede all previously published specifications and may be subject to change for design and specification improvement without prior notice.

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