

MR-16 REFLECTOR LAMPS

POPSTAR SERIES



POPSTAR - MR-16 with COLORED DICHROIC LENS FOR GENERAL LIGHTING

USHIO Popstar lamps allow colors to be added to your design without the added expense of colored filters and gels. The highest quality dichroic coatings are applied to the front cover glass of these MR-16 lamps to provide deep color saturation. Computer controlled alignment of the axial filaments in the Popstar lamps allow precise beam control. All of the Popstar lamps have UV protecting quartz used for the bulb wall to protect both the dichroic filter and the illuminated subject.

Available in colors: Red, Orange, Yellow, Green, Blue and Magenta

FEATURES AND BENEFITS

- 4000 Hours Average Life
- Integrated Dichroic Colored Front Glass Cover
- 50Watt; 12Volt
- Dimmable
- GU5.3 Base
- Universal Burn Position
- UV Protection
- Cool Beam



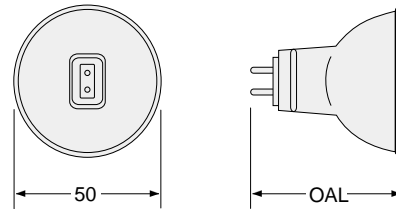
APPLICATIONS

- Archi-tainment
- P.O.P. Displays
- Retail
- Theme Parks
- Night Clubs
- Landscape
- Waterscape

Chromaticity Coordinates

| | | | |
|-----|---------|----------|----------|
| 50W | Yellow | x = .520 | y = .471 |
| | Red | x = .686 | y = .307 |
| | Blue | x = .135 | y = .307 |
| | Green | x = .286 | y = .681 |
| | Orange | x = .618 | y = .378 |
| | Magenta | x = .577 | y = .312 |

All dimensions are in millimeters



Base: GU5.3

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 9000 |
| 0.42 | 2 | 2250 |
| 0.64 | 3 | 1000 |
| 0.85 | 4 | 562 |
| 12° | FNC/FG | 50W |

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 2000 |
| 0.42 | 2 | 500 |
| 0.64 | 3 | 222 |
| 0.85 | 4 | 125 |
| 12° | FND/FG | 50W |

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 4400 |
| 0.42 | 2 | 1100 |
| 0.64 | 3 | 489 |
| 0.85 | 4 | 275 |
| 12° | FNE/FG | 50W |

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 2200 |
| 0.42 | 2 | 550 |
| 0.64 | 3 | 244 |
| 0.85 | 4 | 137 |
| 12° | FNF/FG | 50W |

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 5000 |
| 0.42 | 2 | 1250 |
| 0.64 | 3 | 556 |
| 0.85 | 4 | 312 |
| 12° | EXT/OR | 50W |

| ø[m] | H[m] | E[lux] |
|------|--------|--------|
| 0.21 | 1 | 4400 |
| 0.42 | 2 | 1100 |
| 0.64 | 3 | 489 |
| 0.85 | 4 | 275 |
| 12° | EXT/MG | 50W |

| Watts (W) | Ushio Ordering Code | Ushio Lamp Code | Voltage (V) | Dimension OAL (mm) | Color | Beam Angle | Luminous Intensity (cd) | Avg Life (h) |
|-----------|---------------------|-----------------|-------------|--------------------|---------|------------|-------------------------|--------------|
| 50 | 1000580 | FNC/FG | 12 | 45.2 | Yellow | 12° | 9000 | 4000 |
| 50 | 1000582 | FND/FG | 12 | 45.2 | Red | 12° | 2000 | 4000 |
| 50 | 1000584 | FNE/FG | 12 | 45.2 | Green | 12° | 4400 | 4000 |
| 50 | 1000586 | FNF/FG | 12 | 45.2 | Blue | 12° | 2200 | 4000 |
| 50 | 1003132 | EXT/OR | 12 | 45.2 | Orange | 12° | 5000 | 4000 |
| 50 | 1003200 | EXT/MG | 12 | 45.2 | Magenta | 12° | 4400 | 4000 |



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

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