

### Specifications

**Lamp Type:** 250 Watt, Metal Halide

**Lamp Life:** 4,000 hours average

**Color Temperature:** 4,200°K

**Continuous Load:** 120VAC 60Hz/ 4.6 Amps

**Cool Down:** 3 Minutes re-strike period

**Dimensions:** 13.8"L x 12"W x 7.13"H  
(363mm x 305mm x 181mm)

**Weight:** 27 lb (12.2 kg)

**Operating Temperature Range:** Minimum -20°F (-29°C)  
Maximum 110°F (44°C)

#### Construction:

- Galvanneal
- Powder Coated, no bare metal inside or outside
- Water, corrosion and chemical resistant

**Fiber Capacity:** Max. 500 x 0.75mm or 288 x 1.0mm PMMA end light fiber

**Color Wheel:** 4 or 8 positions color wheel  
Magenta, Cyan, Clear, Lime Green, Yellow, Turquoise,  
Orange Dark Blue (*must specify colors and sequence when ordering*)

**Mounting:** Surface or wall mount-horizontal fiber head direction only. Must be flush mounted to surface for proper air separation between compartments. For wet location, a unit must be installed on a horizontal mount (face up).

**Mounting Clearance:** 24" all sides

**Ventilation:** 115 cfm, 60m3h fiber tunnel cooling

**Acoustic Rating:** 56dB (A)

**IP Rating:** 23

**Warranty:** 2 year, excluding lamp

**Labels:** UL Listed, Wet and Dry locations



This illuminator is the most powerful Metal Halide light source offered by Mica Lighting. For use with Stranded Side Light and End Light PMMA cable. Applications include fiber optic fixtures, step lighting, star lit ceilings, coves, fiber optic curtain, art glass, landscape, pool, spa and glass block.

The 250WHD- Fiber Optic Illuminator is housed in a corrosion and chemical resistant, easily accessed enclosure. It is U.L. listed for wet and dry locations. A brilliant beam of light is transmitted through the fiber optic cable with a 250W metal halide lamp.

For Dry location use, the illuminator can be surface or wall mounted with the fiber head in a horizontal direction only. For Wet location use, the unit must be installed on a horizontal mount, *face up*.

Provide air circulation of 115 cubic feet per minute. The illuminator should be positioned so that it is easy to remove the cover for periodic lamp replacement. A minimum clearance of 24" will allow proper ventilation and easy maintenance.

#### Benefits

- Virtually Maintenance Free
- Color Wheel, auto synchronization available, DMX 512 compatible
- Ability to stop color wheel on one color