



L I G H T I N G
C O M P A N Y , I N C .

150FP FIBER OPTIC ILLUMINATOR

FIBER OPTIC LIGHT SOURCE

Specifications

Lamp Type: 150 Watt, Metal Halide

Lamp Life: 10,000 hours average

Color Temperature: 4,000°K

Cool Down: 5 Minute re-strike

Power Consumption: 300 Watts Maximum

Continuous Load: 120VAC 60Hz/ 4.5Amps (start Up)
2.3Amps (running)

Dimensions: 14.625" L x 8.5" W x 6.125" H
(372mm x 216mm x 156mm)
Allow an additional 5" (127mm) for fiber head and fiber to
"W" position

Weight: 23 lb. (10.5 kg)

Safety Features: Internal 185°F / 85°C thermal protector

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 fibers

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

Ventilation:

- 115 CFM enclosure cooling
- 28 CFM fiber tunnel cooling
- Recommended distance from surface, 6"

Mounting:

- Surface or wall mount
- Must be flush mounted to surface for proper air
separation between compartments.

Mounting Clearance: 24" all sides

Acoustic Rating: 52dB (A) / 35dB (A) Quiet version

IP Rating: 23

Warranty: 2 years (excluding lamp)

Labels: UL Listed, wet and dry locations



The 150FP is housed in a compact, easily accessed enclosure. A brilliant beam of light is transmitted through the fiber optic cable with the use of a 150W metal halide lamp. UL listed for wet and dry locations

This unit can be used for multi-stranded side light PMMA cable and end light PMMA cable. Applications include fixtures, step lighting, star ceilings, cove, art glass, glass block, landscape, pool and spa.

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