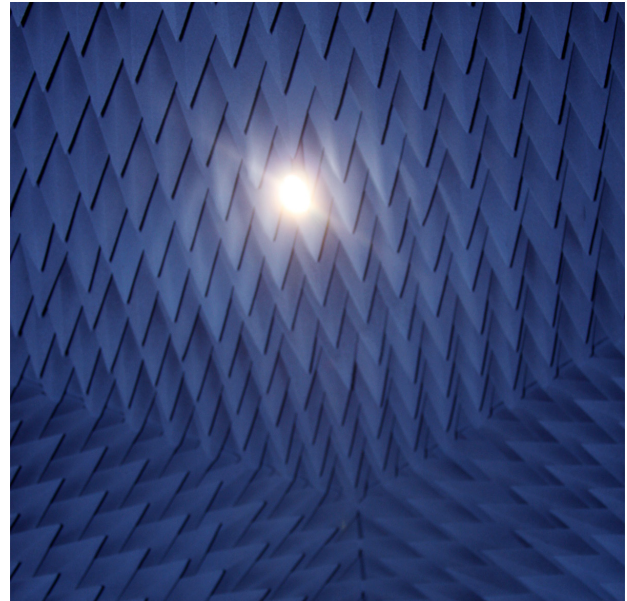


**FEATURES:**

- Provides Cool White Light
- Eliminates a Source of RF Noise
- Reduces Maintenance Cost
- A Complete Integrated Solution
- Replaces Older Metal Halide Bulbs



*ETS-Lindgren's Model FOL-150 Fiber Optic Light*

**The Model FOL-150 Fiber Optic Light System** is a practical, cost effective solution for illuminating the interior of anechoic chambers with cool white light. The system is a logical choice for installing in new chambers, or retrofitting existing chambers that have older, RF-emitting metal halide bulbs. The benefits of the FOL-150 system include minimized chamber penetrations, removal of potential EMI sources, reduced maintenance, and better light distribution in the chamber.

The system's electrically powered light source is mounted externally, and transmits light into the chamber

with low side-loss fiber optic cable. This method eliminates compromising the integrity of the test environment from EMI sources such as AC current, ballast, or arcing bulb elements.

Each Model FOL-150 Fiber Optic Light System illuminates up to three lights in an 18 GHz rated chamber, and up to four lights in a 10 GHz rated chamber. Each fiber optic bundle entering the chamber is terminated with a non-reflective fused finish that provides a 60° light spread.

**STANDARD CONFIGURATION**

- Externally mounted light source, 115 VAC (switch selectable to 230 VAC)

**OPTIONAL EQUIPMENT**

- FL91 fiber optic harness rated for 100 dB at 10 GHz
- ML50 fiber optic harness rated for 100 dB at 18 GHz (can be modified for up to 40 GHz performance)

**Product Specifications**

MODEL	POWER	BALLAST	VENTILATION	LAMP	AVERAGE LIFE	COLOR TEMPERATURE	COLOR RENDERING INDEX	FIBER LUMENS	RATINGS	STANDARDS
FOL-150	180 Watts Total Power Consumption	Thermally Protected Electronics	67 CFM Fan Cooled	150 Watt Metal Halide CSM-SA/R	6000+ Hours	4200 Kelvin	96	2800 Lumens measured from 300 - 1 mm Fiber	IP23	UL

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