

CHAMBER ACCESSORIES FOL-80-F Fiber Optic Lighting

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ETS-Lindgren's Model FOL-80-F2 Fiber Optic Light System is a practical, cost effective RF suppressed lighting solution for illuminating the interior of anechoic chambers with cool, white LED 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-80-F2 shielded lights system include minimized chamber penetrations, removal of potential EMI sources (EMI shielding), 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-80-F2 system is a single source fiber with a R.F. rating of 10 GHz and each FOL-80-F illuminates 1 fiber optic source. Each fiber optic bundle entering the chamber is terminated with a non-reflective fused finish that provides a 60° light spread.

Key Features

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

Specifications

Electrical Specifications

Ballast: Thermally Protected Electronics

Lamp: 82 Watt LED

Power: 107 Watts Total Power Consumption

Ratings: IP23

Ventilation: 50 CFM Fan Cooled

Acoustical Noise dB(A): 25

Average Life: 50,000 Hours

Color Temperature: 5000 Kelvin

Color Rendering Index: 70

Standards: CE

Other Specifications

- Externally Mounted Light Source
 - 115 VAC (Switch Selectable to 230 VAC)
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