



OptiLux Fiber Optic LED Light Source

The OptiLux Fiber Optic LED Light Source is the next generation, brought to you by Medical Illumination, a leader in the field of medical LED illumination. The OptiLux LED Light Source is a 125 watt LED solid state source of white light intended to be used with our fiber optic headlights systems and can also be used for other non-medical applications demanding pure white light. The OptiLux LED Illuminator's lack of Ultraviolet (UV) radiation and Infrared radiation (IR) allows for additional uses in cases where UV and IR radiation is not permitted.

Our OptiLux LED light source was developed to replace older technologies. Specifically, halogen and metal halide bulbs and their associated problems with changes in color temperature, due to intensity setting and age. It utilizes a single large LED chip, custom collection optics that brilliantly couple light into 3mm to 6mm fiber optic bundles, a heat sink and two fans, linear intensity control, and an AC power supply.



LIGHT SOURCE SPECIFICATIONS

Illumination	130,000 Lux
Input Power	80 watts (125w Equivalent)
LED Life	50,000 hours
Color Temperature	6,000 °K
Color Rendition Index (CRI)	92 Typical
Input AC Range	100 to 240 VAC @ 50 to 60 Hz
Dimming Range	10% to 100%
Operating Temperature	10 to 40 °C
Storage Temperature	10 to 70° C
Operating Humidity	20 to 93 % non-condensing
UL Compliant	IEC 60601-1 Safety Tests
FDA Certification	FDA 510K
Weight	9 lbs
Dimensions	5.75" H x 7" W x 11" D

