

LUXTEC®

INCREASE THE  
PERFORMANCE LEVEL  
OF SURGICAL LIGHTING

LUXTEC MLX  
XENON LIGHTSOURCE

## Over 25 years of serving surgeons with the best and brightest solutions

At Luxtec, delivering the highest quality surgical lightsource is the heart and soul of our mission. We know that inferior lighting can add unnecessary time to procedures. Poor lighting can detract from, rather than enhance the subtle distinctions of colors and shades. That is why the Luxtec name has always been associated with the highest quality surgical lighting.

## Luxtec takes surgical lighting to new levels

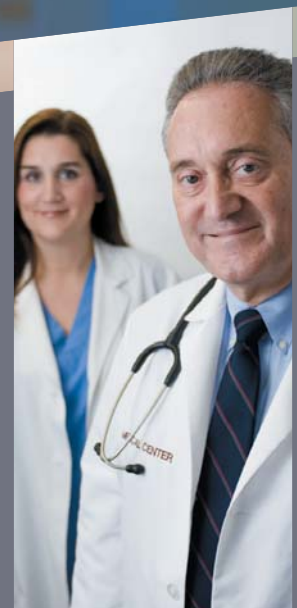
Our lightsources are trusted to perform in the most challenging cases and surgical conditions. We are dedicated to the success of the surgeons we serve. The quality associated with Luxtec products is based on specialized engineering expertise, rigorous manufacturing processes, and over 25 years of experience working with surgeons.



# EXPERIENCE A NEW LEVEL OF LIGHTING FROM A TRUSTED SOURCE

## MLX, the next generation lightsource that answers surgeons' needs

For over two decades Luxtec has worked with tens of thousands of surgeons. We listen closely to your comments to anticipate your evolving requirements for a quality lightsource. The development of the MLX platform is a clear demonstration of that commitment: listening to our customers' needs, and delivering the finest lightsource on the market today. The true white light of the MLX system gives you the color distinction and shading that you require. And you can trust that the MLX unit will work as reliably and last as long, in many cases over ten years of continuous operation, as your current Luxtec lightsource.



# WE ARE PASSIONATE ABOUT PUTTING SURGERIES IN THE BEST LIGHT

Sunlight is the ideal light for humans to work. It gives you the color distinction you need in surgery. The MLX lightsource gives you true white light, not harsh actinic white light with blue shading.

## Increased Lumen Output

The MLX platform produces over 15 percent more light than our prior generation technology. Compare the brightness of the MLX unit to any other Xenon lightsource on the market and you'll see the bright, clear difference.

## Accurate light output

Digital control – just as you want it. The MLX system is designed with a Membrane Activation Switch that gives you the finest degree of control in adjusting light for each procedure. You can adjust the light output in graduated 5 percent increments, from 20 to 100%. No more fiddling with inaccurate, old-fashioned “dial up or dial down” knobs. You can select the light level that you want and always come back to the settings you prefer for different procedures.

Based on the same quality foundation pioneered and led by Luxtec for over 25 years

SETTING A  
NEW LEVEL  
OF EXCELLENCE  
IN SURGICAL  
LIGHTING.



## Save time and protect your staff

When the MLX system is powered up, it turns on in Standby mode, eliminating “stray” light if the headlight or cable is not plugged in. When you need to unplug from the lightsource, simply push the Standby Switch and the lamp goes dark, but the lightsource stays on and preserves the output setting. When you're ready, push the Standby Switch and the lamp returns to the power level you set. No waiting. No fiddling.

## MLX Accessories

- Headlight system
- Floor stand
- Video camera

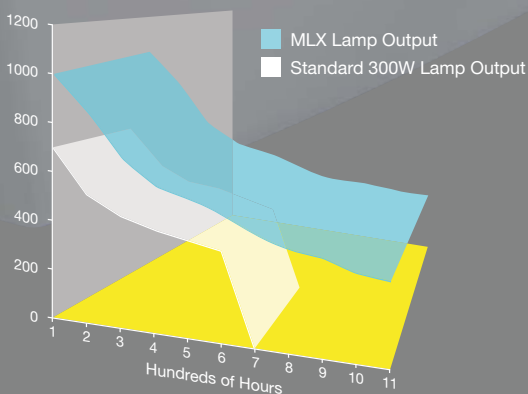
## TRUE 1,000 HOUR WARRANTY

Luxtec stands behind MLX performance with a true 1,000 hour lamp warranty. Unlike competitive lightsources that pro-rate their warranties or only offer 500 hours, Luxtec offers full replacement if the lamp fails before 1,000 hours. The MLX lightsource is designed to deliver superior value and lower cost of ownership without compromising the superb lighting you need to provide quality patient care.

- The MLX lamp lasts 30 percent longer than lamps in competitive systems
- Based on typical usage of 4 hours per day, 5 days a week, the MLX lamp will last for over one year

# BETTER VALUE AND REDUCED OPERATING COSTS.

Only Luxtec offers a full replacement warranty  
if the light fails before 1,000 hours



The MLX lamp sustains high performance for a longer period  
of time than standard 300W lamps.\*

\*Data on file at Integra Luxtec.

## QUIET AND COOL PROVIDES OPTIMUM OPERATION

In listening to surgeons, one thing we heard repeatedly was, "Can you make a quieter lightsource?" We set to work to design a lightsource that operates so quietly, you'll barely know it's in the room.

### Introducing Smart Fan Technology

The MLX lightsource is the first system to use Smart Fan technology. This new intelligent fan not only achieves quieter operation in the operating room, but also reduces heating inside the unit, which contributes to longer lamp life.

### Temperature-Controlled Cooling

The Smart Fan incorporates a temperature-sensing feature. The sensor measures the temperature of the air and the fan quietly circulates the appropriate amount of cooling air through the system. As a result, the fan technology provides the appropriate amount of cooling airflow to compensate for the actual temperature in the operating room throughout each procedure.

A lightsource that operates so quietly, you'll barely know it's in the room.

COOL OPERATION  
EXTENDS  
LAMP LIFE.

### Engineered for Ease of Maintenance

The MLX system introduces numerous features that make it easier for biomedical staff to monitor the lightsource for maintenance needs. For example:

- **Lamp age meter:** The LCD display panel "lamp meter" blinks when the lamp reaches 1,000 hours. You can also check the display to view a status of lamp hours used.
- **System run time:** The MLX unit records the total system run time, making it easier for biomedical staff to schedule routine maintenance checks.
- **Fan status:** The LCD display will flash if one of the dual fans fails; as a safety feature, the system will also initiate a shut down to prevent over-heating.
- **Cardiac float rated:** The MLX platform has received a cardiac float rating, which ensures that it will not interfere with any other equipment in the OR.

The MLX system is also backed by the Luxtec support organization, including a 24-hour help desk available to answer all of your questions.



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