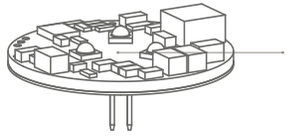
## How does the FX Luminaire system prevent overheating and how long do integrated LEDs last?

***Answer:*** FX Luminaire uses a three-part heat management system. A thermal pad located between the circuit board and the fixture directs heat from the board and transfers it to the fixture. **FX Luminaire designs its LED fixtures with heat sink technology, increasing the fixture's contact with the cool air. A thermal-sensing monitor actively regulates the temperature of the board to safeguard the LEDs against overheating.** The FX Luminaire board will pull back current through the driver to cool the LEDs when needed.



UPGRADEABLE LED BOARD WITH DRIVER-ON-BOARD TECHNOLOGY

## What about maintenance?

***Answer:*** FX Luminaire integrated LED lighting systems utilize replaceable and upgradeable LED boards. The LED board design is universal among fixtures, making future upgrades and maintenance easy and more affordable. Our driver-on-board technology protects and delivers power to the LEDs while the gold-plated bi-pin design ensures strong connectivity and simple installation. **Depending on the application, LEDs can last 55,000 hours or more.**

## What is Luxor® technology?

***Answer:*** When Luxor technology controls an LED landscape lighting system, lights don't simply turn on and off. They come alive! **As FX Luminaire's premium lighting control option, Luxor is the the most advanced and flexible low-voltage landscape lighting transformer on the market.**

With zoning, dimming, and the ability to design up to 40 distinctive themes with 30,000 vibrant colors — along with optional Wi-Fi control — the Luxor lighting system offers unsurpassed freedom and flexibility using a simple two-wire path installation.


With the Luxor app, you can adjust fixture intensity, create unique themes, and fine-tune your color palette — right from the palm of your hand!

# WHY CHOOSE

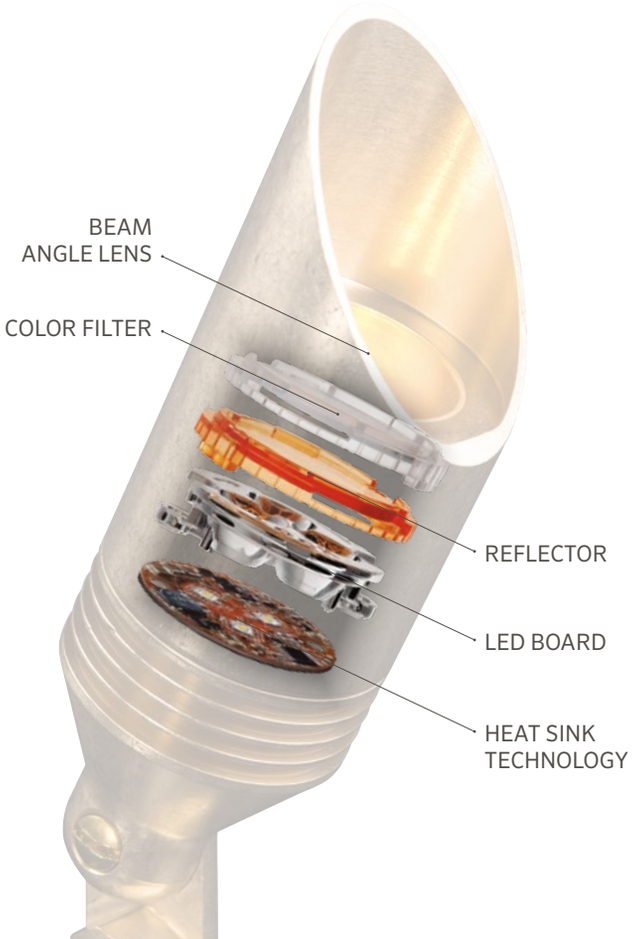
*FX Luminaire*

***Integrated LED Lighting***

FXLuminaire®

# Why Choose *FX Luminaire Integrated LED Lighting?*

When you choose an FX Luminaire LED lighting system, you get the very latest LED landscape lighting technology and digital lighting control with zoning, dimming, color temperature, and beam angle options.




## What is the difference between using drop-in LED lamps and an integrated LED system?

***Answer:*** An integrated LED fixture is engineered for optimum performance. These fixtures are usually higher priced, but typically have a fully managed heat dissipation system. The focus on heat management reduces the threat of LED color shift over time, and overheating an LED. The built-in optics platform provides a simple configuration for adjusting color temperature and beam angle.

FX Luminaire LED systems offer more control over your lighting design. Control is the future of lighting. **When effects, control, longevity, and ease of installation are important factors, an integrated LED system is the best option.**

## FX Luminaire LED Products

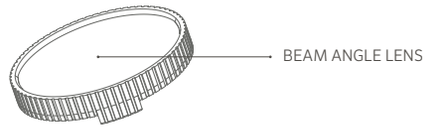
| | Luxor Integrated System | Integrated System | Standard MR-16 |
|---|---|---|---|
| |  |  |  |
| | **DESIGNER** PREMIUM | **DESIGNER** PLUS | STANDARD |
| **LED Warranty** | 10 years | 10 years | 5 years |
| **Color** | 30,000+ Colors | 4 Color Filters | Fixed |
| **Beam Angle** | Wide Flood | Interchangeable | Fixed |
| **Control** | Zoning, Dimming, + Color | Zoning and Dimming (Color Optional) | On/Off |
| **Thermal Management** | Global | Global | Local |
| **Lamp Life** | 55,000 Hrs | 55,000 Hrs | 40,000 Hrs |

## Are there options for color temperature with the FX Luminaire integrated LED system?

***Answer:*** Yes. **Four adjustable color filters are included with most FX Luminaire LED fixtures:** amber, green, blue, and frosted white. These colored filters are also stackable, creating rich custom colors. No tools are required with the simple twist/lock installation.

## Is the beam angle adjustable?

***Answer:*** **Yes, FX Luminaire integrated LEDs offer three beam angle options for maximum design flexibility.** Adjust to your preference with narrow, flood, or wide flood lenses, ranging from 10° to 60°. Similar to the color filters, these laser-cut lenses simply snap onto integrated LEDs.




## How much energy is saved with FX Luminaire LEDs?

***Answer:*** Halogen-based lamps can use anywhere between 10 and 50 watts of power each, and sometimes more. **FX Luminaire LED fixtures use as low as 2 watts, providing up to 80% lower energy costs, longer lamp life, and less impact on the environment.**