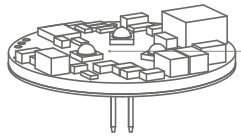


How does the FX Luminaire System prevent overheating and how long do integrated LEDs last?

Answer: FX Luminaire uses a three-part heat management system. A thermal pad located between the circuit board and the fixture wicks 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, ensuring the LEDs will last 50,000 hours or more.



UPGRADEABLE LED BOARD WITH DRIVER-ON-BOARD TECHNOLOGY

What is Luxor® Technology?

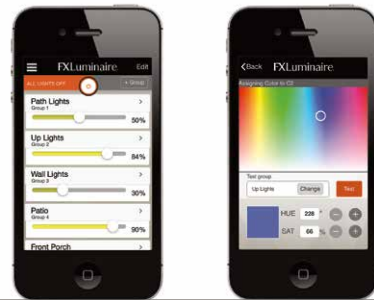
Answer: With Luxor ZD, lights don't simply turn on and off. They come alive. **Luxor offers both zoning and dimming capabilities that provide virtually limitless design possibilities.** Zoning allows the user to program light fixtures into preset themes, which can be activated for special occasions such as parties, or activities such as barbecuing. Dimming allows lights to automatically emit any desired illumination percentage anytime, anywhere within a system.

The Luxor ZDC provides the ability to create 30,000 colors using RGBW LED technology. With the ZDC, custom colors can be created for outdoor holiday displays, team spirit themes, company colors, or special events. Color temperatures can be adjusted to match vegetation and architecture, offering unique landscape looks throughout the year.

The Luxor Wi-Fi system is the next step in control for landscape lighting, adding onto the already versatile and limitless capabilities of the Luxor ZD and Luxor ZDC. Zoning and dimming + color are now controllable with iOS and Android devices for on-the-fly control.

What about maintenance?

Answer: The FX Luminaire Integrated LED System utilizes replaceable and upgradeable LED boards. The LED board design is universal among fixtures, making future upgrades and maintenance easy and more affordable in the long run. 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 50,000 hours or more.** They slowly dim over time and at very low levels, so even after 50,000 hours of use in most situations, LEDs will continue to illuminate sufficiently.



Apple, iPhone, iOS, are registered trademarks of Apple Inc. Google and Android are registered trademarks of Google Inc.

FX Luminaire
1940 Diamond Street
San Marcos, CA 92078

Learn more. Visit fxl.com

WHY CHOOSE FX LUMINAIRE INTEGRATED LED LIGHTING?

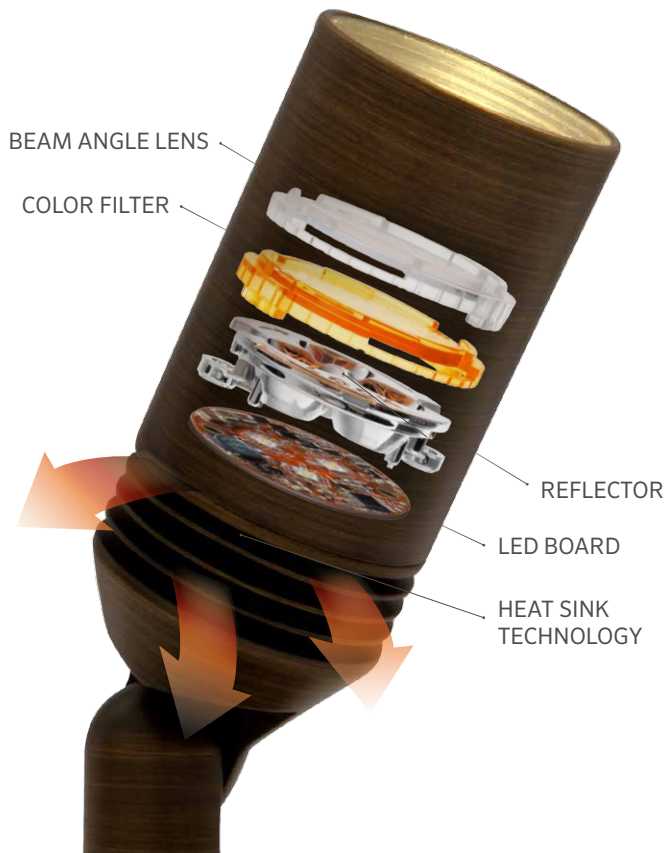


LANDSCAPE LIGHTING



Why Choose FX Luminaire Integrated LED Lighting?

When you choose an FX Luminaire LED lighting system, you'll 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 LED Integrated 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 the effect, control, longevity, and ease of installation are important factors, an integrated LED system is the best option.**

FX Luminaire LED Products: Full Line-up

	Integrated System	Luxor MR-16	Standard MR-16
	Best	Better	Good
Warranty	10 years	5 years	5 years
Color Temperature	Interchangeable	Fixed	Fixed
Beam Angle	Interchangeable	Fixed	Fixed
Control	Zoning, Dimming + Color	Zoning + Dimming	None
Thermal Management	Global	Local	Local

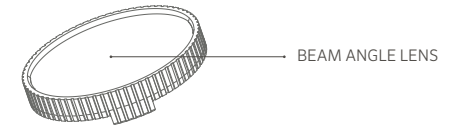
Are there options for color temperature with the FX Luminaire LED integrated system?

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 four beam angle options for design flexibility. Adjust to your preference with narrow, flood, or wide flood lenses, ranging from 18° to 58°. Similar to the color filters, these laser-cut lenses simply snap onto integrated LEDs.



What is the energy savings with FX Luminaire LED?

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.**