



PROJECT

CATALOG #

TYPE

NOTES

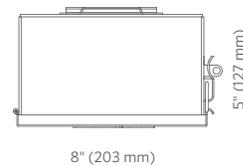
LUXOR® Controller

The Luxor Controller offers zoning, dimming, and RGBW color-changing capabilities, plus optional Wi-Fi control.

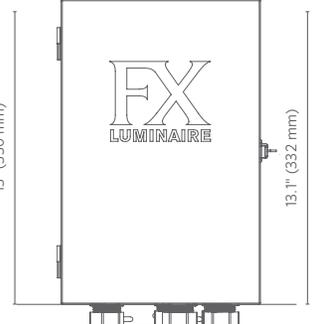
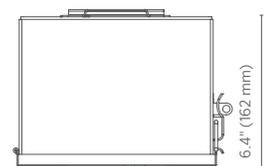
Quick Facts

- 250 independent lighting zones in any wiring configuration
- Adjust intensity from 0-100%
- 30,000 color options per zone
- Event-based scheduling options
- Optional cloud-based iOS® or Android™ app control
- Luxor Linking compatible for a single point of control in larger installations
- Built-in astronomical timing
- 304 stainless steel and powder-coated galvanized construction
- ETL and CE certified

Standard Version



CE Version



Output

Power	250 W	260 W (CE version)	300 W
Input Primary	220–240 V, 50–60 Hz	220–240 V, 50–60 Hz	120 V, 60 Hz
Input Amperage Primary	1.6 A	1.6 A	2.68 A
Output Voltage Secondary	14 VAC	14 VAC	14 VAC
Maximum Open Circuit Volts	15 VAC	15 VAC	15 VAC
Class	I SELV	I SELV	2
IP Rating	IP43	IP54	IP43

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials

304 stainless steel and powder-coated galvanized steel outer box and latch.

Hardware

Two pan-head machined mounting screws with plastic anchors. Stainless steel mounting brackets attached to transformer box.

Wiring

Heavy-gauge, grounded, water-resistant power cord with integrally molded plug; 5' (1.5 m) length. Standard low-voltage lighting wire required (e.g., 12-2, 10-2, etc./2.05 mm, 2.58 mm, etc.) between controller and fixtures. No additional communication wire is required.

Power

Input: 120 VAC, 60 Hz
Input: 220–240 V, 50–60 Hz (230 V/CE version)

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Programming

Create up to 250 independently adjustable lighting zones. Control each zone independently with separate on/off times, various intensities (0–100% in 1% increments).

Luxor Linking

Luxor Linking offers an easy way to expand a multi-controller site with a single point of control. With hardwired Luxor Linking, add up to nine satellite units, for a total of 10 units. The maximum hardwired (Cat 5/5e/6) connection between the primary and farthest satellite controller is 3,000' (0.9 km). With wireless Luxor Linking, add 10+ satellite units connected to the primary controller by LoRa radio up to 3,000' (0.9 km).

Compatible Devices

Only fixtures or devices with Luxor Technology are compatible with the Luxor Controller. Devices have varying levels of control, including: 1) zoning, or 2) zoning/dimming, or 3) zoning/dimming/color. Mix and match fixtures and devices with varying levels of control technology on a single system.

Fixture Assignment

Assign fixtures to zone number manually via assignment ports on facepack or wirelessly via the Light Assignment Module (LAM). The LAM and network accessories must be specified separately.

Wi-Fi Connectivity

Connect to Wi-Fi or a network router with the Luxor Wi-Fi Module accessory or the included LAN Module. Optional "Direct Connect" mode allows devices to connect directly to a single controller without using Wi-Fi or a network router.

Communication

Preinstalled 8" (203 mm) RJ-11 communication cable between facepack (i.e., user interface) and chassis (i.e., power unit).

Wireless App Control

Network module required. The Luxor App is available for iOS and Android devices. Control via app available for on-site or remote adjustability.

Finish

Standard stainless steel finish and matte gray powder coat.

Weight

300 W: 23.1 lb (10.5 kg)
300 W (CE): 19.1 lb (8.7 kg)

Installation Requirements

Designed for installation on a vertical surface in the upright position only. Transformer must be in a free airspace; do not install in a small sealed enclosure or direct bury.

International Compliance

Compliant per IEC 61347-1 and IEC-61347-2-11

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Manufacturing

ISO 9001:2015 certified facility

Warranty

10-year limited warranty

Listings



LUXOR Controller ORDERING INFORMATION

Item	Wattage	Compliance	Finish
LUX Luxor Controller	■ 300 300 W	■ [default] 120 V, North America	■ SS Stainless Steel
LSAT Luxor Satellite Controller		■ e 230 V, International	■ M Matte Gray
		■ eu 230 V, CE Certified	

EXAMPLE CONTROLLER CONFIGURATION: LUX-300-SS

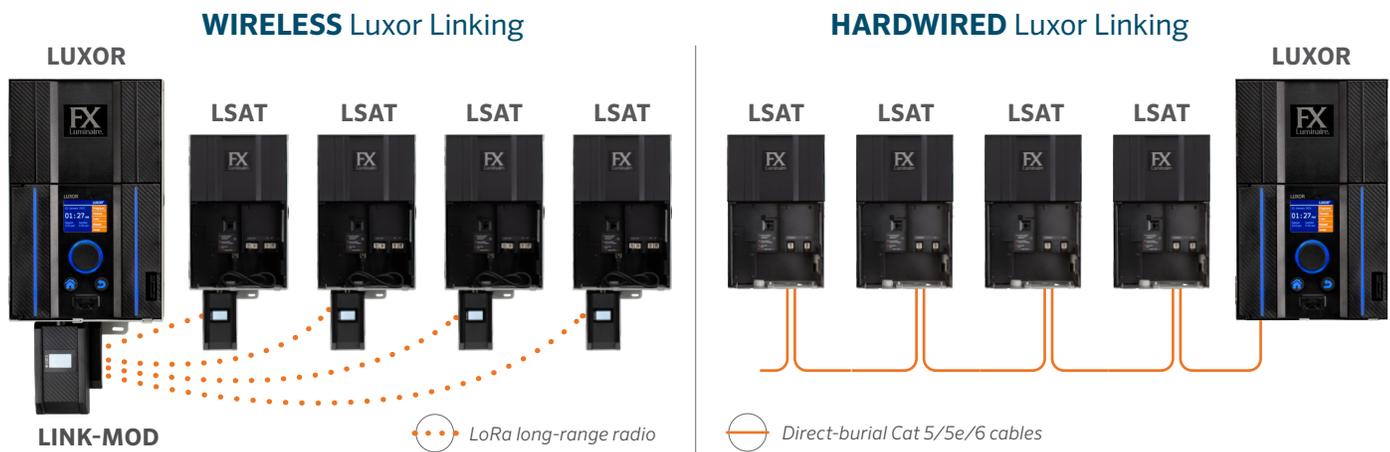
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WIRELESS CONTROLLER ACCESSORIES: Specify Separately

Item	Code
■ WI-FI MODULE	WIFI-MOD2
■ WI-FI MODULE REMOTE MOUNT 10' (3 m)	WIFI-MOD2-RMT
■ LIGHT ASSIGNMENT MODULE	LAM
■ WIRELESS LINKING MODULE, NORTH AMERICA	LINK-MOD
■ WIRELESS LINKING MODULE, INTERNATIONAL	LINK-MOD-E

LUXOR Controller LINKING COMPARISON

FEATURES	Wireless Luxor Linking	Hardwired Luxor Linking
Communication	LoRa radio (wireless)	Network cable (Cat 5/5e/6)
Distance	Up to 3,000' or 914 m	3,000' or 914 m (installed wire)
Number of Linked Controllers	10+	Up to 10
Installation	Mount at controller or remote	Direct-burial Cat 5/5e/6 cable and conduit
Diagnostics	Yes (unique IDs)	Yes (variable)



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