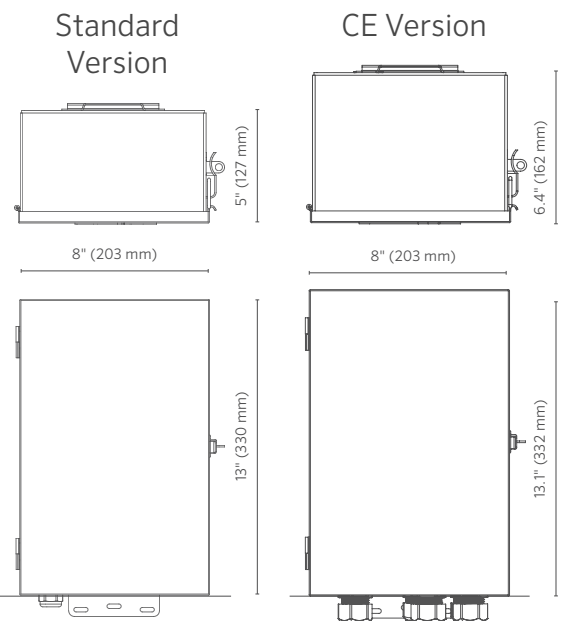LUMASCAPE

CONTROLLERS AND TRANSFORMERS

ZDClink®

The Luxor® lighting controller offers zoning, dimming, and RGBW color creation 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

5" (127 mm)

6.4" (162 mm)

8" (203 mm)

8" (203 mm)

13" (330 mm)

13.1" (332 mm)

ZDClink SPECIFICATIONS

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	2	1 SE:V	2
IP Rating	IP43	IP54	IP43

Lumascape
Lumascape transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascape is a member of the Hunter Industries Family of Companies. Learn more at lumascape.com.

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 to 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. Add up to nine satellite units, which are all managed from a single point of control. The maximum hardwire (Cat 6) connection between the primary and farthest satellite controller is 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 (LAM) light assignment module (specify LAM and network accessories separately).

Wi-Fi Connectivity
Connect to Wi-Fi or a network router by using Wi-Fi module accessory or included LAN connection. Optional "Direct Connect" mode allows devices to connect directly to a single controller without using Wi-Fi or a network router.

Communication
Pre-installed 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. "Luxor® Controller" 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 lbs (10.5 kg)

300 W (CE): 19.1 lbs (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

RoHS COMPLIANT   CE   [C-tick]   [ETL]

ZDClink ORDERING INFORMATION

Item	Wattage	Compliance	Finish	
ZDClink *Luxor Controller*	■ **300** *300 W*	■ **[default]** *120 V North America*	■ **SS** *Stainless Steel*	
SATlink *Luxor Satellite Controller*		■ **e** *230 V International,* *300 W Only*		
		■ **eu** *230 V, CE Certified,* *300 W Only*		

EXAMPLE CONTROLLER CONFIGURATION: ZDClink-300-SS

| ZDClink | – | | – | | – | |

WIRELESS CONTROLLER ACCESSORIES: Specify Separately

Item	Code
■ **WI-FI MODULE**	WIFIMOD2
■ **WI-FI MODULE REMOTE MOUNT 10' (3 m)**	WIFIMOD2RMT
■ **LIGHT ASSIGNMENT MODULE**	LAM

MAX SYSTEM
1 Primary ZDClink + SATLink Satellites
or
3,000' (914 m) of cable between the primary and farthest satellite

ZDClink

SATlink   SATlink

— Direct-burial Cat 5/5e/6 cable