



TYPE

CATALOG #

PROJECT

NOTES

CONTROLLERS AND TRANSFORMERS

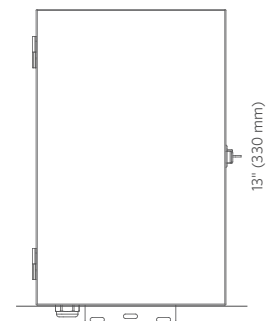
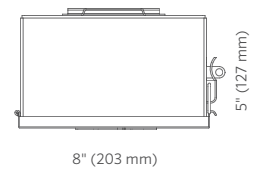
ZDCLink®

The ZDCLink® 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 certified

Standard Version



Output

Power	300 W
Input Primary	120 V, 60 Hz
Input Amperage Primary	2.68 A
Output Voltage Secondary	14 Vac
Maximum Open Circuit Volts	15 Vac
Class	2
IP Rating	IP43

Lumascap

Lumascap 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. Lumascap is a member of the Hunter Industries Family of Companies. Learn more at lumascap.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 luminaires. No additional communication wire is required.

Power

Input: 120 Vac, 60 Hz

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 luminaires 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 luminaires and devices with varying levels of control technology on a single system.

Luminaire Assignment

Assign luminaires 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)

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.

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



ZDClink ORDERING INFORMATION

Item	Wattage	Compliance	Finish
ZDClink ZDClink Controller	■ 300 300 W	■ [default] 120 V North America	■ SS Stainless Steel
<hr/>			
SATlink SATlink Controller			

EXAMPLE CONTROLLER CONFIGURATION: ZDClink-300-SS

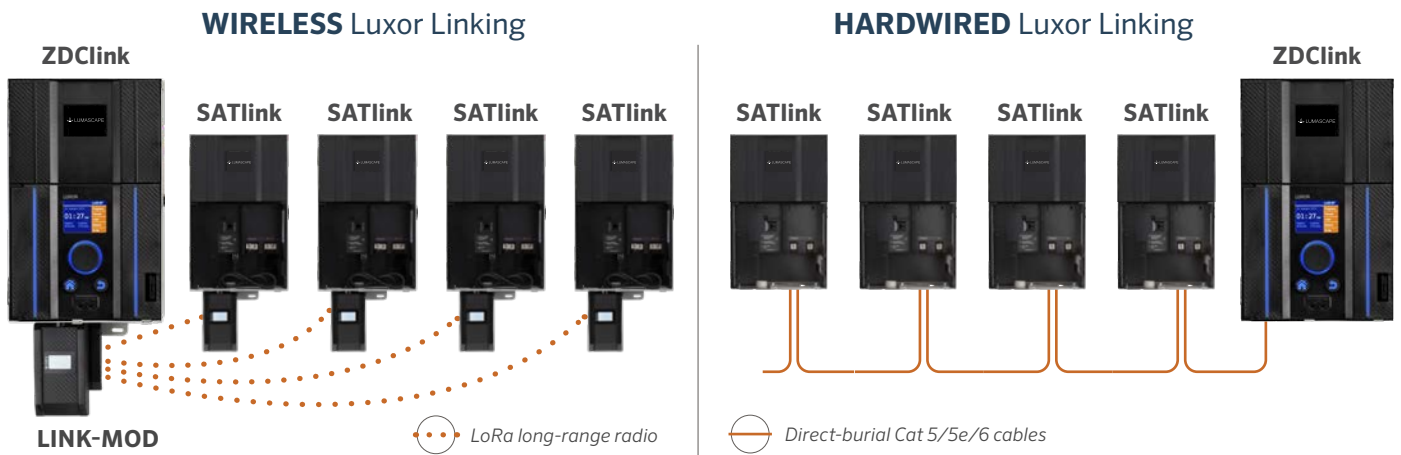
- 300 - SS

WIRELESS CONTROLLER ACCESSORIES: Specify Separately

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

ZDClink 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)



IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Android is a trademark of Google LLC. The LoRa® Mark is a trademark of Semtech Corporation or its subsidiaries. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG Inc. and any use of such marks by Hunter Industries is under license.

© 2022 Hunter Industries™. Hunter, Lumascope, all related logos, and all other trademarks are property of Hunter Industries, registered in the U.S. and other countries.