



# LUMASCAPE WIFIMOD2 ZDCLink Lighting Controller User Guide

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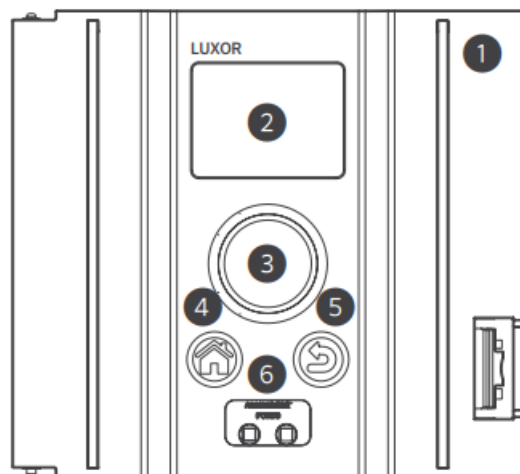
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# LUMASCAPE

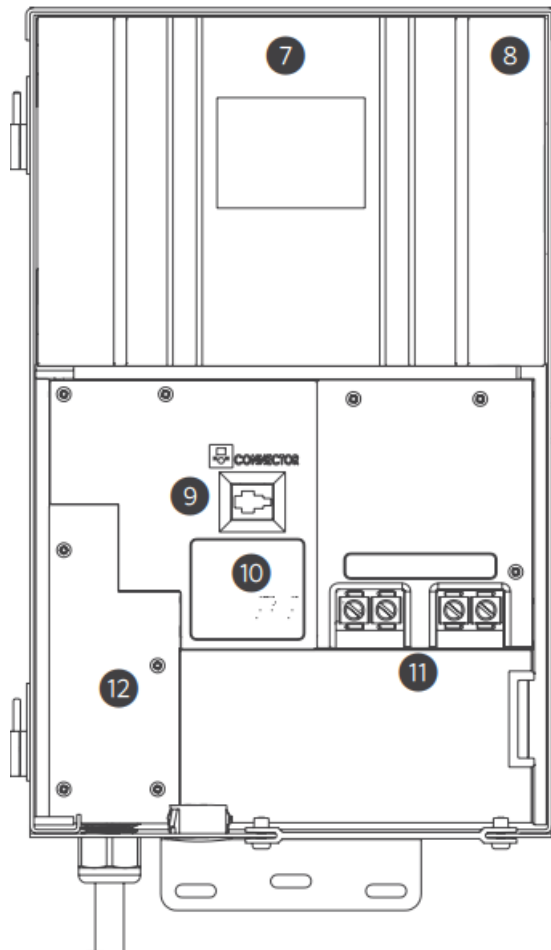
**LUMASCAPE WIFIMOD2 ZDCLink Lighting Controller**



The ZDCLink lighting controller manages groups of lights and light intensity at desired times. Two-wire connections power and communicate with all lights in a system.



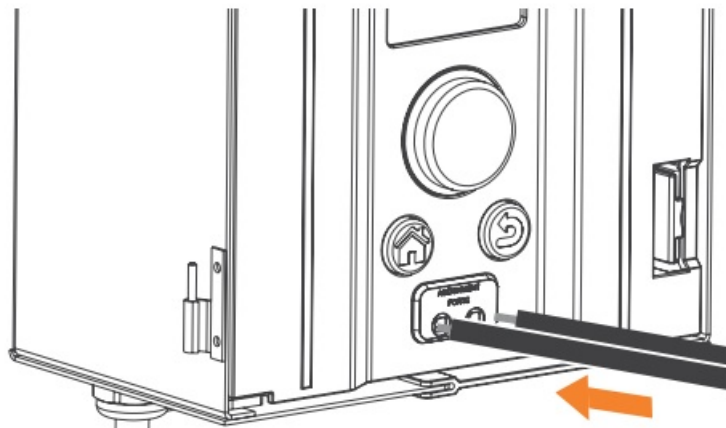
1. Facepack
2. LCD screen
3. Clickable scroll wheel
4. Home button
5. Back button
6. Fixture assignment ports



- 7. Core cover
- 8. Chassis
- 9. Facepack connection
- 10. Chassis LED
- 11. Terminal blocks
- 12. Fuse cover

## Fixture Assignment

1. Enter assignment mode by inserting stripped wire leads into the assignment ports on the front of the Luxor controller facepack.



2. Select your desired group and press.
  1. Program. If the assignment fails, press
  2. Program again.

The 'Assignment' screen has a dark blue header with the title 'Assignment'. Below the header, there are two orange buttons: 'Group 2' on the left and 'Program' on the right. The rest of the screen is a light gray area.

## Controller Setup

1. Select Setup from the Home screen.

The 'Setup' screen has a dark blue header with the title 'Setup'. Below the header, there are several input fields and buttons. On the left, there are fields for 'Auto' (a checkbox), 'Month' (a dropdown menu showing 'Jul'), 'Date' (a dropdown menu showing '03'), and 'Year' (a dropdown menu showing '2019'). Below these are fields for 'Hr' (a dropdown menu showing '05'), 'Min' (a dropdown menu showing '05'), 'Sec' (a dropdown menu showing '00'), 'pm' (a dropdown menu showing 'pm'), '24hr' (a checkbox), and 'DST' (a dropdown menu showing 'On'). Below these are fields for 'Language' (a dropdown menu showing 'English') and two checkboxes: 'Disable System' and 'Restrict Themes'. On the right side, there are five orange buttons: 'Location', 'Wi-Fi', 'Firmware', 'Assign', and 'Backup'.

2. Enter the current Month, Day, Year, and Time (Hour, Minutes, Seconds). Then select Auto.
3. Select your desired Language.

## Location Setup

1. Select your Location from the Setup screen.
2. Select your Region.

The 'Location' screen has a dark blue header with the title 'Location'. Below the header, there are several input fields and buttons. On the left, there are fields for 'Region' (a dropdown menu showing 'North America'), 'Time Zone' (a dropdown menu showing 'Pacific'), 'Lat:' (a dropdown menu showing '32.70'), and 'Long:' (a dropdown menu showing '-117.20'). On the right side, there is an orange button labeled 'Map'.

3. Manually enter or select your Map.

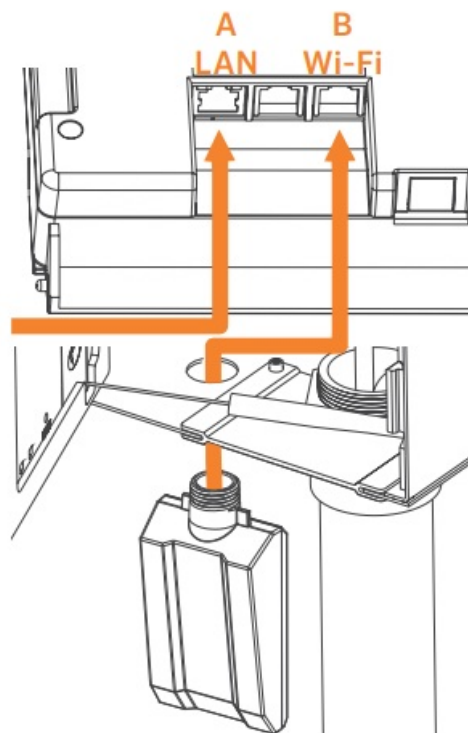
4. Use the scroll wheel to navigate to the desired location and toggle between up/down and left/right.



The time zone and longitude/latitude will automatically change with your selected region.

## Wireless Control

- Wireless Control Options:
- Option A LAN connection
- Option B Wi-Fi module



### A. LAN Connection

1. Install a network cable into the LAN connector located on the back side of the Luxor facepack.
2. Select Setup from the Home screen.

The Setup menu is displayed with a dark blue header. The main area is divided into two columns. The left column contains settings for date and time, including fields for Auto, Month (Jul), Date (10), Year (2017), Hr (07), Min (40), Sec (00), 24hr (pm), and DST (On). Below these are Time Zone (Pacific) and Language (English). At the bottom are checkboxes for Disable System and Restrict Themes. The right column contains five orange buttons: Location, LAN, Firmware, Assign, and Backup.

3. Select LAN.
4. Confirm the LAN field displays “Connected.”

The LAN Setup screen has a dark blue header. The main area is divided into two columns. The left column shows the LAN status as 'Connected' and displays network information: IP Address (10.68.16.181), MAC Address (28:18:78:bb:d1:97), and Serial # (3847204723). The right column contains three orange buttons: Static IP, Lutron, and Test. A checkbox labeled 'Static' is located next to the IP Address field.

## B. Wi-Fi Module

1. Install the WIFIMOD2 or WIFIMOD2RMT into the Wi-Fi connector on the back side of the facepack.
2. Select Setup from the Home screen.
3. Select Wi-Fi.

## Setup

Auto

☐

Month

Jul

Date

10

Year

2017

Hr

07

Min

40

Sec

00

pm

☐

24hr

On

Time Zone

Pacific

Language

English

☐ Disable System

☐ Restrict Themes

Location

LAN

Firmware

Assign

Backup

4. Scroll to the Network field and press the scroll wheel.
5. Select your desired network from the list of available networks.

## Wi-Fi Networks

Direct Connect

Other Network

Available Networks	Security	Rssi
Network 1	Y	108
Network 6	N	7
Network 5	N	6

6. If necessary, enter your network password and press OK.

## Wi-Fi Password

Enter Password and Press OK

OK

Cancel

7. Confirm the Wi-Fi field displays “Connected.”

# Wi-Fi Setup

Wi-Fi:	Static IP
Direct Connect Ready	Lutron
Network:	Test
<input type="text" value="lxtwo"/>	
IP Address:	10.68.16.181 <input type="checkbox"/> Static
MAC Address:	28:18:78:bb:d1:97
Serial #:	0000000000

## Colors

1. Select Color from the Home screen.
2. Scroll to your desired color label (C1–C250).
3. Scroll to the Color field. Press the scroll wheel to enter the color on the Color Selector screen.



## Color


Color Wheel

Label	Color	Hue(°)	Sat(%)	Test Grp
C1				Off
C2				Off
C3				Off
C4				Off


## Color Selector

Hue: 11°

Done




Saturation: 41%



4. Scroll to the Test Grp field and select your desired group to test the color.

## Color

Color Wheel

Label	Color	Hue(°)	Sat(%)	Test Grp
C1		0	99	Grp 1
C2				Off
C3				Off
C4				Off

### Color Wheel

1. Select Color Wheel from the Color screen.

2. Scroll to your desired Color Wheel label (CW1–CW10).



The 'Color Wheel' screen features a dark blue header with the title 'Color Wheel' in white. Below the header is a light gray background with a table of settings. The table has four columns: 'Label', 'Start Color', 'Seconds', and 'Test Grp'. The first row is for 'CW1', with 'C1' as the start color (represented by a red square), '300' seconds (represented by an orange square), and 'Off' for the test group. The other rows are for 'CW2', 'CW3', and 'CW4', all with empty start color and seconds fields and 'Off' for the test group. A vertical scrollbar is on the right side of the table. In the top right corner, there is an orange button labeled 'Done'.

Label	Start Color	Seconds	Test Grp
CW1	C1	300	Off
CW2			Off
CW3			Off
CW4			Off

3. Select Start Color. Any color (C1–C250) can be used as a starting color.
4. Set your desired time interval (5 seconds to 300 seconds) for your Color Wheel cycle. The shorter the duration, the faster the cycle.

## Themes

1. Select Theme from the Home screen.
2. Select your desired theme letter (A–AN).
3. Enter your desired Group(s), Color, and Intensities.
4. Press Test to temporarily turn on the desired Theme.



The 'Themes' screen has a dark blue header with the title 'Themes' in white. In the top right corner, there is a small blue button labeled 'A'. Below the header is a light gray background with a table of settings. The table has four columns: 'Group', 'Color', and '%'. The first row is for 'Grp 2', with 'C1' as the color (represented by a red square) and '100' for the percentage. The second row is for 'Grp 4', with 'C2' as the color (represented by a blue square) and '50' for the percentage. The third row is for 'Grp 6', with empty color and percentage fields. A vertical scrollbar is on the right side of the table. In the top right corner, there are two orange buttons labeled 'Erase' and 'Test' stacked vertically. Above the table, there is a text box that says 'Erasing a theme removes it from programs and stops manual'.

Group	Color	%
Grp 2	C1	100
Grp 4	C2	50
Grp 6		100

## Programs

1. Select Program from the Home screen.
2. Select your desired Program (A–G).

3. Enter your desired event type (Sunset, Sunrise, or Time) in the Event field.
4. Enter the time you want the event to occur in the Time field.
5. Enter the Group or Theme that you want to be activated during the event.
6. For Groups, select the Color (if applicable).
7. Enter your desired intensity in the % field. Group events can be 1%–100%. Themes can be ON/OFF.

The screenshot shows a 'Programs' interface with a dark blue header. Below the header is a row of seven square buttons labeled MO, TU, WE, TH, FR, SA, and SU. To the right of these buttons is a calendar icon with the number 365. Below this row is a table with five columns: Event, Time, Grp/Thm, Color, and %. The table contains three rows of data:

Event	Time	Grp/Thm	Color	%
Sunset	+ 0:30	Thm A		On
Time	9:00p	Thm B		On
Sunrise	- 1:00	All Lts		Off

Best practice: To ensure all lights are turned off, set the last event in the Grp/Thm field to “ALL LIGHTS” and set the % field to OFF.

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## Documents / Resources

	<p><a href="#">LUMASCAPE WIFIMOD2 ZDCLink Lighting Controller</a> [pdf] User Guide WIFIMOD2, ZDCLink, ZDCLink Lighting Controller, WIFIMOD2 ZDCLink Lighting Controller, Cont roller</p>
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