STL UX™ Series

LED Stairwell Strip

Includes: STL UX (DC)

aleo™ LED LIGHTING

INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

For your safety, thoroughly read these instructions and warnings in its entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact Aleo Lighting customer service.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY

To avoid risk of electrical shock, turn off power before installing or servicing.

Verify that supply voltage is correct by comparing with the input voltage on the luminaire label

Make all electrical and ground connections in accordance with NEC and any applicable code requirements

WARNING

RISK OF PERSONAL INJURY

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects

Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Suitable for Dry or Damp Location
Do Not use outdoors

WARNING

This luminaire is made for permanent installation in ordinary (non-hazardous) locations in accordance with NEC code and all applicable local and federal codes. Do not use in applications with limited ventilation or high ambient temperature enclosures.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY
To avoid risk of electrical shock, AC Power must be off before installing or servicing of emergency driver. Verify that supply voltage is correct by comparing with the input voltage on the driver label Make all electrical and ground connections in accordance with NEC and any applicable code requirements.

TURN OFF POWER BEFORE INSTALLING

Electrical Connection

1. Connect BLACK (line) driver lead to voltage supply Line position (HOT).
2. Connect driver WHITE lead to the NEUTRAL supply position.
3. Connect the GREEN ground lead to the supply ground lead.

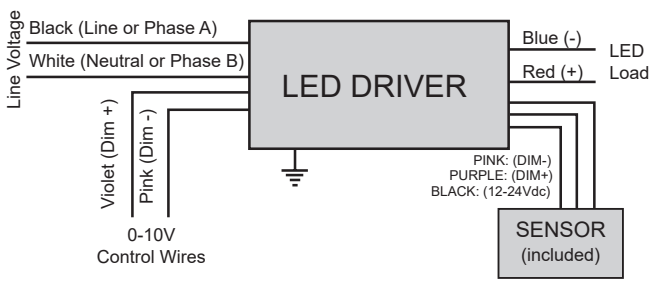
If using 0-10V dimming:

4. Connect VIOLET lead to supply POSITIVE dimming lead.
5. Connect PINK lead to the supply NEGATIVE dimming lead.

If NOT using 0-10V dimming:

6. Ensure VIOLET and PINK 0-10V dimming leads are properly capped.

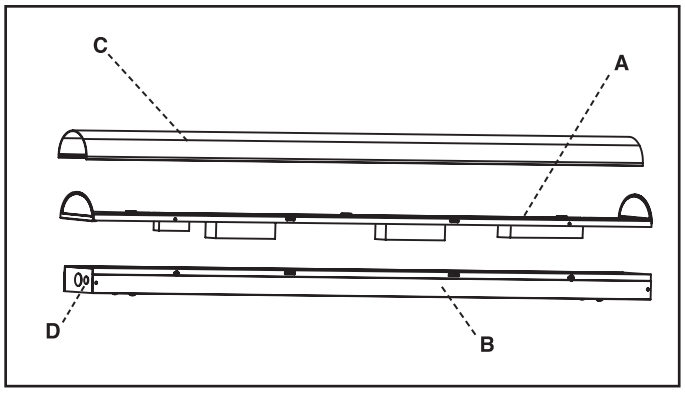
Wiring Diagram

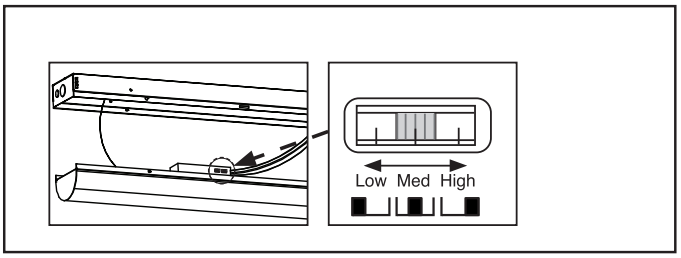


Contents to change without notice. Visit **www.aleolighting.com** for warranty and specification information.

STL UX™ Series
LED Stairwell Strip

TO INSTALL:

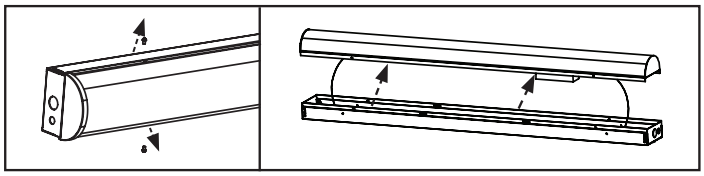


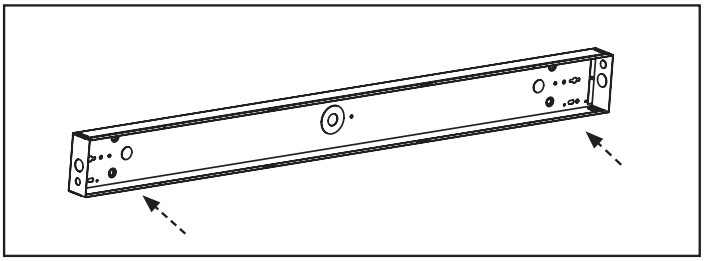


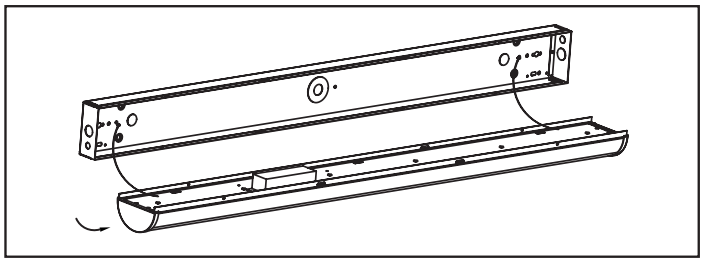
Parts

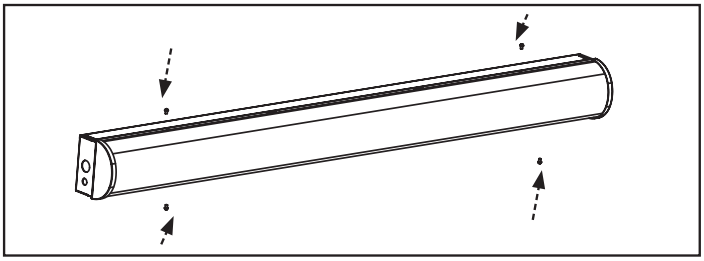
A: Gear Tray
B: Channel Housing
C: Lens
D: EM Test Button Knockout

TURN OFF POWER BEFORE INSTALLING

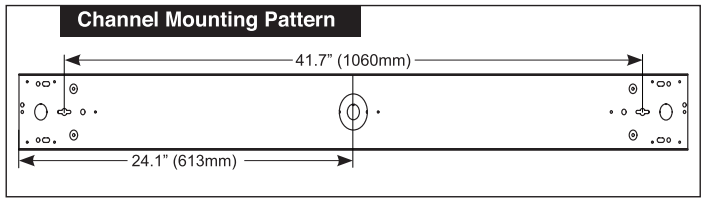








Channel Mounting Pattern



WALL MOUNT (SURFACE) INSTALLATION

1. Remove Gear Tray (A) from fixture Channel Housing (B) by removing (4) screws off the side of the Gear Tray below the lens. **Figure 1**

2. Mount the fixture Channel Housing (B) to a secure structure on the wall with appropriate fasteners and anchors (not supplied). (2 keyholes **(Figure 5)** or other mounting holes are available on the Channel Housing (B) for surface mounting purposes. **Figure 2**

3. Hang Gear Tray (A) to Channel Housing (B) by attaching provided safety lanyards. Ensure lens and Gear Tray are not damaged while hanging. **Figure 3**

4. Thread EM Test Button through desired knockout hole (D) located on the side end cap of the fixture Channel Housing (B).

5. Ensure all sensor wires are connected properly (SEE WIRING DIAGRAM on PG.3). Ensure all leads into sensor terminals are securely connected.

6. Make wiring connections from AC Mains to fixture AC input.SEE PG.3 for Electrical Connection and wiring diagram instructions.

7. Adjust sensor settings via dip switches on sensor if needed (refer to sensor instruction sheet for settings information)

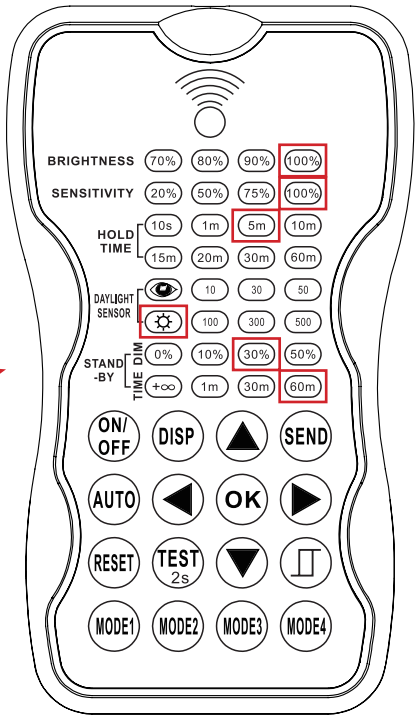
8. Bring Gear Tray (A) to fixture Channel Housing (B) and attach by covering Channel Housing with Gear Tray. Secure (4) screws on the side of the Gear Tray **Figure 4.** Ensure leads do not hang out of Gear Tray to avoid electrical wiring being clamped between metal parts.

SENSOR PROGRAMMING INSTRUCTIONS:

MODEL RC100 (SOLD SEPARATELY)

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Use with Sensor	SHF-OSDL/IR-PP3-DC-320
Upload Range	Up to 50ft. (15m)
Operating Temp.	32°F ~ 122°F (0°C ~ 50°C)
Power Supply	2 x AAA 1.5V batteries, Alkaline preferred (Included)
Dimensions	4.84" x 2.76" x 0.8" (123 x 70 x 20.3mm)



LED INDICATORS

LED	DEFAULT SETTING
BRIGHTNESS	100%
SENSITIVITY	100%
HOLD TIME	5 min
DAYLIGHT SENSOR	Disabled
STAND-BY DIM	30%
STAND-BY TIME	60 min

LED	DESCRIPTION	LED	DESCRIPTION
BRIGHTNESS	High end trim function		To select the current surrounding lux value as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.
SENSITIVITY	To set the occupancy sensing sensitivity of the Sensor		The daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is.
HOLD TIME	The time that the Sensor will turn off (if you choose stand-by level 0) or dim the light to a low level after the area is vacated	STAND-BY DIM	To set the output level of connected lighting during vacancy. The sensor will regulate the lighting output at the set level. Setting the STAND-BY DIM level at 0 means light full off during vacancy.
DAYLIGHT SENSOR	To represent various thresholds of natural light level for the Sensor	STAND-BY TIME	To represent the time that the Sensor will keept he light at low dim level after the HOLD TIME elapsed.

SENSOR PROGRAMMING INSTRUCTIONS:

MODEL RC100 (SOLD SEPARATELY)

BUTTON OPERATION

BUTTON	DESCRIPTION	BUTTON	DESCRIPTION
ON/OFF	Press the ON/OFF button, the light goes into permanent on or permanent off mode, and the sensor is disabled. MUST press AUTO button to quit this mode for Setting.	AUTO	Press AUTO button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.
DISP	Display the current/latest setting parameters in LED indicators (the LED indicators will on for showing the setting parameters).	TEST 2s	The purpose of TEST button is for testing sensitivity only. After you choose sensitivity thresholds, press the TEST button and the sensor will go into test mode (hold time is only 2s) automatically, meanwhile the stand-by period and daylight sensor are disabled. Press AUTO button to quit from this mode.
RESET	Press RESET button, all settings go back to settings of dip Switch in sensor.		
▲ ▼	Enter in the setting condition, the parameter LEDs of remote control will flash to be selected. Navigate to UP and Down to choose selected paramters in LED indicators.	◀ ▶	Navigate to LEFT or RIGHT for choosing selected parameters in LED indicators.
OK	Confirm the selected parameters in remote control.	⎍	Opena nd close smart daylight Sensor. Press UP or DOWN. Enter in the setting condition, the parameter LEDs of remote control(⎍)ll flash when selected. Press to open or close smart daylight Sensor.
SEND	Press SEND button, upload the current parameters to sensor(s), the LED light wich the sensor connects to will turn on/off as confirmation.		
MODE1 MODE2 MODE3 MODE4	4 Scene modes with preset parameters which are available to be changed and saved in modes.		

SENSOR PROGRAMMING INSTRUCTIONS:

MODEL RC100 (SOLD SEPARATELY)

SETTING

The SETTING Content contains all available settings and parameters for remote sensors. It allows you to change the available control, parameters, and operation of the sensor from factory default or current parameters.

Change multiple settings of sensor(s)

Press DISP button, the remote control LEDs will show the latest parameters you set.

NOTE: If you push ON/OFF button before, you must push AUTO button to unlock the sensor.

Press UP or DOWN to enter in the setting condition, the parameter LEDs of remote control will flash when selected. Navigate to the desired setting by pressing UP, DOWN, LEFT or RIGHT to select the new parameters.

Press OK to confirm all settings and save.

Aim at the target sensor and press to upload the new parameter, the LED light which the sensor connects will on/off as confirmation.

NOTE: The setting works key step is by pushing UP or DOWN, enter in the setting condition.

NOTE: The LED light which the sensor connects to will flash on/off to confirm receiving the new parameters.

NOTE: If you press DISP button, the remote LED indicators will show the latest parameters which were sent.

Change multiple setting of sensors with smart photocell sensor Open

Press DISP, the remote LED indicators will show the latest parameters.

Press UP or DOWN to enter in the setting condition, the parameter LED indicators on the remote control will flash when selected.

Press ⏚, 2 LED indicators will flash in daylight sensor settings, select daylight 10, 30, 50 as set point to turn light on automatically, select daylight 100, 300, 500 as set point to turn light off automatically.

Press OK to confirm all settings and save.

Aim the target sensor and press SEND to upload the new parameter. The LED light which the sensor connects to will turn on/off.

NOTE: ⏚ is disabled by default.

Open or close the smart daylight sensor by pushing ⏚ when remote control is in setting condition.

When the smart daylight sensor is open, 2 LED indicators flash in daylight sensor setting. Select daylight 10, 30, 50 as set point to turn light on automatically, select daylight 100, 300, 500 as set point to turn light off automatically. When smart daylight sensor is closed, 1 LED indicator flashes in the daylight sensor setting for choosing the daylight sensor threshold.

When the smart daylight sensor is open, the stand-by time is only +∞.

Smart daylight sensor takes place of normal photocell sensor and works independently.

See **Daylight Sensor Function**.

ABOUT RESET AND MODE (1, 2, 3, 4)

The remote control comes with 4 Scene MODES which are not default. You may make desired parameters and save as the new MODE (1, 2, 3, 4) to configure the installed sensors.

RESET: All settings go back to settings of DIP Switch in sensor.

SCENE MODES (1, 2, 3, 4)

Application	Scene Options	Brightness	Detection Area	Hold Time	Stand-by Time	Stand-by Dim Level	Daylight Sensor
Indoor	Mode 1	100%	75%	5mins	30mins	30%	☼
Indoor	Mode 2	100%	75%	1min	+∞	30%	☼
Indoor	Mode 3	100%	75%	5mins	30mins	30%	30LUX
Outdoor	Mode 4	100%	75%	1min	+∞	30%	⏚ (30LUX/300LUX)

SENSOR PROGRAMMING INSTRUCTIONS:

MODEL RC100 (SOLD SEPARATELY)

Change the MODES:

Press MODE1, MODE2, MODE3 or MODE4 button, the remote control LED indicators will show existing parameters.

Press UP, DOWN, LEFT, RIGHT to select the new parameters.

Press OK to confirm all parameters and save the mode.

UPLOAD

The upload function allows you to configure the sensor with all parameters in one operation. You may select CURRENT SETTING parameters or the MODE for uploading. Current setting parameters or the MODE are displayed in Remote Control.

Upload the current parameters to sensor(s), and duplicate the sensor parameters from one to anothers

Press DISP button or press MODE 1, MODE 2, MODE3 or MODE4, all parameters are displayed in Remote Control.

NOTE: Check if all parameters are correct, and if not, change them.

Aim at the sensor and press SEND button, the light that sensor connects to will turn on/off as confirmation.

NOTE: If other sensor needs same parameters, just aim at the sensor and press SEND button.

aleo™
LED LIGHTING

Aleo Lighting, Inc.
www.aleolighting.com
10988 Bloomfield Ave.
Santa Fe Springs, CA
Ph: 877-358-8825