

L-Shaped Channel



L-Shaped Channel provides a great and simple mounting option for tape light that helps to eliminate glare on glossy surfaces and provides beautiful reveals without requiring pre-existing lighting covers or mounts.



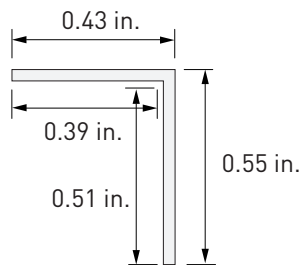
PRODUCT INFORMATION

| Item Number | Description |
|------------------|----------------------------------|
| AL-50-27-0011-AL | L-Shaped Channel - Small - 4 ft. |
| AL-50-27-0015-AL | L-Shaped Channel - Small - 7 ft. |
| AL-50-28-0011-AL | L-Shaped Channel - Large - 4 ft. |
| AL-50-28-0015-AL | L-Shaped Channel - Large - 7 ft. |

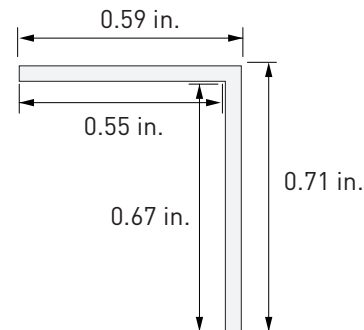
This channel is compatible with selected tape light models only, see the "Channel and Tape Light Compatibility and Hotspot Guide" PDF on the Resources page on our website for information.

PRODUCT DIMENSIONS

Small L-Shaped Channel



Large L-Shaped Channel



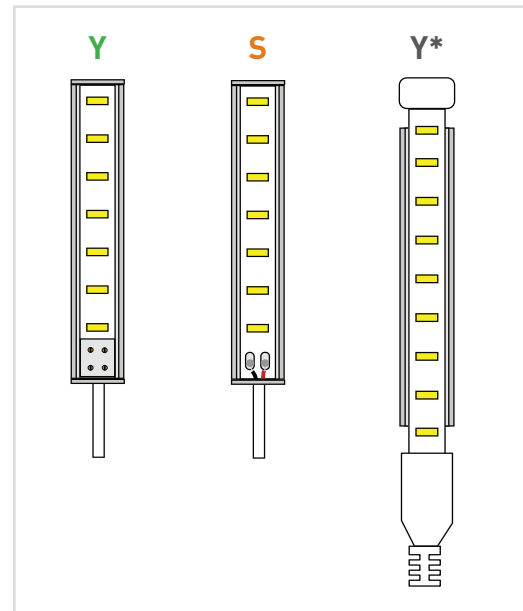
L-SHAPED SHIELD AND TAPE LIGHT HOTSPOT AND COMPATIBILITY GUIDE

| Tape Light | Small L-Shield | | Large L-Shield | |
|--|----------------|----------|----------------|----------|
| | Wire conn. | AmpChamp | Wire conn. | AmpChamp |
| PrimaLine [®] 1.5 | Y | Y | Y | Y |
| PrimaLine 1.5 XT | | | Y | Y |
| PrimaLine 2.7 LP | Y | Y | Y | Y |
| PrimaLine 3 | Y | Y | Y | Y |
| PrimaLine 3 XT | | | Y | Y |
| PrimaLine 4.4 Gen 2 | Y | Y | Y | Y |
| PrimaLine 4.4 XT Gen 2 | Y | Y | Y | Y |
| PrimaLine 5.5 LP | Y | Y | Y | Y |
| PrimaLine 6.6 Gen 2 | | | Y | |
| PrimaLine 7 | Y | Y | Y | Y |
| PrimaLine 8 Gen 2 | | | Y | |
| Varien [™] 1.2 XT Dim-to-Warm | | | Y | Y |
| Varien 2.7 Dim-to-Warm | | | Y | Y |
| Varien 5.5 Dim-to-Warm | | | Y | Y |
| Varien 8 Dim-to-Warm | | | Y | Y |
| Radialux [®] 2.2 RGB | Y | | Y | |
| Radialux 4.4 RGB | Y | | Y | |
| Radialux 4.4 RGBW | | | Y | |
| Radialux 4.7 LP RGBW | Y | | Y | |
| Radialux 5.9 RGBW | | | Y | |
| Radialux 8.8 RGB | | | | |
| Radialux 8.8 RGBW | | | | |
| PrimaLine 1.5 Wet | Y | | Y | |
| PrimaLine 1.5 XT Wet | | | Y | |
| PrimaLine 3 Wet | | | Y | |
| PrimaLine 3 XT Wet | | | Y | |
| PrimaLine 4.4 XT Gen 2 Wet | | | Y | |
| Varien 2.7 Dim-to-Warm Wet | | | Y | |
| Radialux 2.2 RGB Wet | | | Y | |
| Radialux 4.4 RGB Wet | | | Y | |
| Radialux 4.4 RGBW Wet | | | Y | |
| Radialux 5.9 RGBW Wet | | | Y | |

Chart Key

| | |
|----|--|
| Y | Tape, channel, and connector fit |
| Y* | (Wet Tape Only) Tape light end caps do not fit |
| S | (Dry Tape Only) Connector does not fit in channel / leads should be soldered |
| | Does not fit width and /or height |

Compatibility Visual Key



Please Note: Compatibility options are for the longer edge of the L-Shaped Channel.

ALLOY LED® Specifications

RECOMMENDED TAPE LIGHT (SOLD SEPARATELY)

Low Output

PrimaLine 1.5 LED Tape Light



| 12V DC | | Maximum Run = 16.4' | | | |
|----------------|---------------|---------------------|--------------------|---------------|-----|
| 16.4 ft. Spool | 50 ft. Spool | 100 ft. Spool | Color Temperature* | Lumens / Foot | CRI |
| AL-01-01-1201 | AL-01-01-1221 | AL-01-01-1241 | ● 2700K | 104 | 98 |
| AL-01-01-1202 | AL-01-01-1222 | AL-01-01-1242 | ● 3000K | 109 | 98 |
| AL-01-01-1203 | AL-01-01-1223 | AL-01-01-1243 | ○ 4200K | 119 | 97 |
| AL-01-01-1204 | AL-01-01-1224 | AL-01-01-1244 | ● 5000K | 121 | 96 |

| 24V DC | | Maximum Run = 20' | | | |
|----------------|---------------|-------------------|--------------------|---------------|-----|
| 16.4 ft. Spool | 50 ft. Spool | 100 ft. Spool | Color Temperature* | Lumens / Foot | CRI |
| AL-01-01-2400 | AL-01-01-2420 | AL-01-01-2440 | ● 2200K | 87 | 95 |
| AL-01-01-2401 | AL-01-01-2421 | AL-01-01-2441 | ● 2700K | 104 | 98 |
| AL-01-01-2402 | AL-01-01-2422 | AL-01-01-2442 | ● 3000K | 109 | 98 |
| AL-01-01-2403 | AL-01-01-2423 | AL-01-01-2443 | ○ 4200K | 119 | 97 |
| AL-01-01-2404 | AL-01-01-2424 | AL-01-01-2444 | ● 5000K | 121 | 96 |
| AL-01-01-2405 | AL-01-01-2425 | AL-01-01-2445 | ● 2400K | 92 | 96 |

Medium Output

PrimaLine 3 LED Tape Light



| 12V DC | | Maximum Run = 16.4' | | | |
|----------------|---------------|---------------------|--------------------|---------------|-----|
| 16.4 ft. Spool | 50 ft. Spool | 100 ft. Spool | Color Temperature* | Lumens / Foot | CRI |
| AL-01-02-1201 | AL-01-02-1221 | AL-01-02-1241 | ● 2700K | 207 | 98 |
| AL-01-02-1202 | AL-01-02-1222 | AL-01-02-1242 | ● 3000K | 234 | 98 |
| AL-01-02-1203 | AL-01-02-1223 | AL-01-02-1243 | ○ 4200K | 240 | 97 |
| AL-01-02-1204 | AL-01-02-1224 | AL-01-02-1244 | ● 5000K | 244 | 96 |

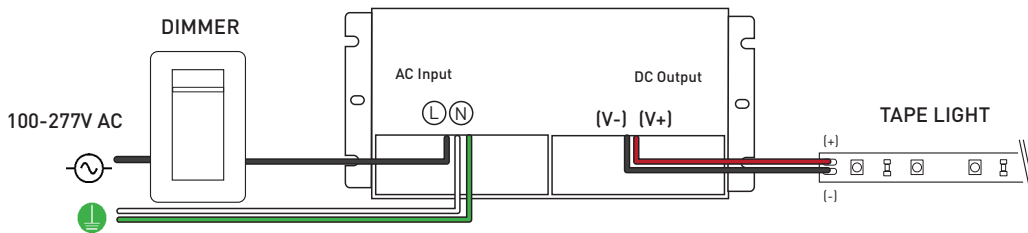
| 24V DC | | Maximum Run = 20' | | | |
|----------------|---------------|-------------------|--------------------|---------------|-----|
| 16.4 ft. Spool | 50 ft. Spool | 100 ft. Spool | Color Temperature* | Lumens / Foot | CRI |
| AL-01-02-2400 | AL-01-02-2420 | AL-01-02-2440 | ● 2200K | 170 | 95 |
| AL-01-02-2401 | AL-01-02-2421 | AL-01-02-2441 | ● 2700K | 207 | 98 |
| AL-01-02-2402 | AL-01-02-2422 | AL-01-02-2442 | ● 3000K | 234 | 98 |
| AL-01-02-2403 | AL-01-02-2423 | AL-01-02-2443 | ○ 4200K | 240 | 97 |
| AL-01-02-2404 | AL-01-02-2424 | AL-01-02-2444 | ● 5000K | 244 | 96 |
| AL-01-02-2405 | AL-01-02-2425 | AL-01-02-2445 | ● 2400K | 178 | 96 |

ALLOY LED® Specifications

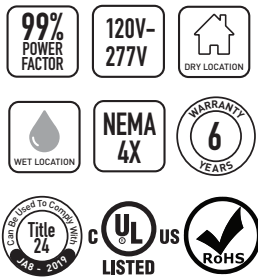
RECOMMENDED POWER SUPPLIES (SOLD SEPARATELY)



Alloy LED PowerFactor™ Dimmable Power Supplies with Integrated UL Listed Junction Box
Compact, highly efficient, and code-compliant power supply with versatile and smooth dimming capabilities.



Wiring diagram is for reference ONLY. Please refer to dimmer wiring specifications sheet for accurate directions.



Single Tap Models

| Item Number | Output Voltage | Wattage | Wet Location | Minimum Load | Dimensions (L x W x H) | Class 2 |
|----------------|----------------|---------|---------------|--------------|-------------------------|---------|
| AL-98-10-12030 | 12V DC | 30W | Yes (NEMA 4X) | 10% | 6.50 x 3.72 x 1.02 in. | Yes |
| AL-98-10-12060 | 12V DC | 60W | Yes (NEMA 4X) | 10% | 7.40 x 3.72 x 1.02 in. | Yes |
| AL-98-10-12120 | 12V DC | 120W | Yes (NEMA 4X) | 10% | 8.66 x 3.72 x 1.57 in. | No |
| AL-98-10-24030 | 24V DC | 30W | Yes (NEMA 4X) | 10% | 6.50 x 3.72 x 1.02 in. | Yes |
| AL-98-10-24060 | 24V DC | 60W | Yes (NEMA 4X) | 10% | 7.40 x 3.72 x 1.02 in. | Yes |
| AL-98-10-24096 | 24V DC | 96W | Yes (NEMA 4X) | 10% | 8.66 x 3.72 x 1.57 in. | Yes |
| AL-98-10-24150 | 24V DC | 150W | Yes (NEMA 4X) | 10% | 10.24 x 4.13 x 1.77 in. | No |
| AL-98-10-24200 | 24V DC | 200W | Yes (NEMA 4X) | 10% | 10.24 x 4.13 x 1.77 in. | No |
| AL-98-10-24300 | 24V DC | 300W | Yes (NEMA 4X) | 10% | 10.94 x 4.33 x 1.77 in. | No |

Class 2 Compliant Multi-Tap Models

| Item Number | Output Voltage | Wattage | Wet Location | Minimum Load | Dimensions (L x W x H) | Class 2 |
|-------------------|----------------|---------|---------------|--------------|-------------------------|---------|
| AL-98-10-12300-MT | 12V DC | 300W | Yes (NEMA 4X) | 10% | 11.85 x 4.33 x 1.77 in. | Yes |
| AL-98-10-24192-MT | 24V DC | 192W | Yes (NEMA 4X) | 10% | 10.94 x 4.33 x 1.77 in. | Yes |
| AL-98-10-24288-MT | 24V DC | 288W | Yes (NEMA 4X) | 10% | 10.85 x 4.33 x 1.77 in. | Yes |

Note: PowerFactor assumes 80% load.
Inspectors prefer power supply to be used with junction box.
For dimmer compatibility, refer to drivers specification sheet.

ALLOY LED® Specifications

RECOMMENDED POWER SUPPLIES (SOLD SEPARATELY)

Alloy LED's Silver Recommendation

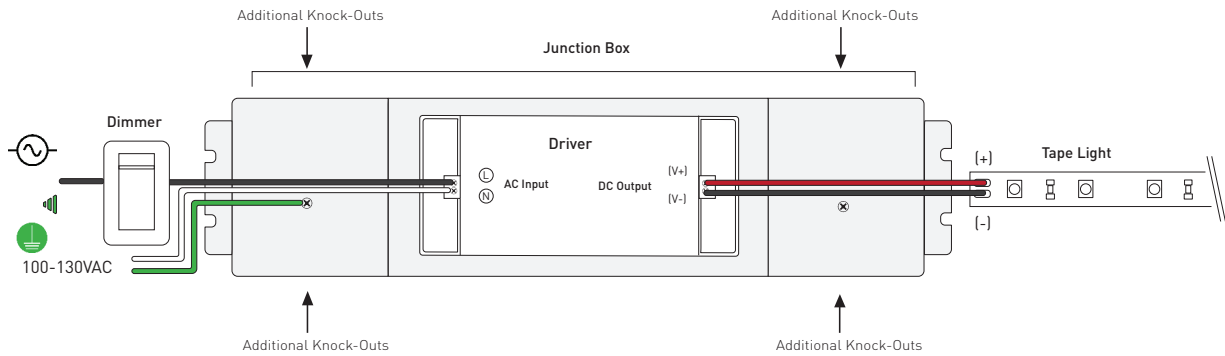
Alloy LED Primavolt® No Minimum Load Dimmable Power Supplies with ETL Listed Junction Box Code-compliant power supply with versatile and smooth dimming capabilities. Compatible with ELV, MLV, and TRIAC dimmers.



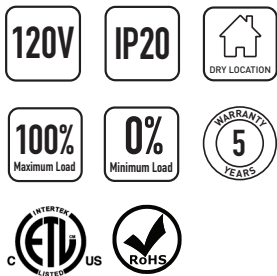
Dry Location Model
White model for 60W and lower



Wet Location Model
Black model for 80W and higher



Wiring diagram is for reference ONLY. Please refer to dimmer wiring specifications sheet for accurate directions.



| Item Number | Output Voltage | Wattage | Minimum Load | Dimensions (Junction box) (L x W x H) | Class 2 |
|-------------------|----------------|---------|--------------|---------------------------------------|---------|
| AL-98-03-12024-NM | 12V DC | 24W | 0% | 13.75 x 3.0 x 1.50 in. | Yes |
| AL-98-03-12048-NM | 12V DC | 48W | 0% | 13.75 x 3.0 x 1.50 in. | Yes |
| AL-98-03-12060-NM | 12V DC | 60W | 0% | 13.75 x 3.0 x 2.25 in. | Yes |
| AL-98-03-12080-NM | 12V DC | 80W | 0% | 15.0 x 3.0 x 2.25 in. | No |
| AL-98-03-12120-NM | 12V DC | 120W | 0% | 15.0 x 3.0 x 2.25 in. | No |
| AL-98-03-24024-NM | 24V DC | 24W | 0% | 13.75 x 3.0 x 1.50 in. | Yes |
| AL-98-03-24048-NM | 24V DC | 48W | 0% | 13.75 x 3.0 x 1.50 in. | Yes |
| AL-98-03-24060-NM | 24V DC | 60W | 0% | 13.75 x 3.0 x 2.25 in. | Yes |
| AL-98-03-24080-NM | 24V DC | 80W | 0% | 15.0 x 3.0 x 2.25 in. | Yes |
| AL-98-03-24096-NM | 24V DC | 96W | 0% | 15.0 x 3.0 x 2.25 in. | Yes |
| AL-98-03-24150-NM | 24V DC | 150W | 0% | 16.25 x 3.50 x 2.25 in. | No |
| AL-98-03-24200-NM | 24V DC | 200W | 0% | 16.25 x 3.50 x 2.25 in. | No |

Note: Alloy LED strongly recommends using Listed Class 2 power supplies for all installations. Always install in accordance with local and national electrical code regulations. Inspectors prefer power supply to be used with junction box. For dimmer compatibility, refer to drivers specification sheet.

ALLOY LED® Specifications

DIMMING ACCESSORIES (SOLD SEPARATELY)

Lutron® Dimming Accessories

By participating in Lutron's OEM Advantage program, Alloy LED is able to offer a range of the highest quality low voltage power supplies and selected controls on the market.



Hi-lume Premier
0.1% EcoSystem /
3-wire LED Driver
(96W 24VDC)



Hi-lume 1% LED Driver 40W
- EcoSystem / 3-wire control
- 2-wire 120V forward
phase control



Lutron Vive PowPak RF Module
- RF module for EcoSystem LED
driver control
- Use with the Lutron EcoSystem
drivers shown to "Vive-enable"
Alloy LED products

Lutron® Hi-lume LED Drivers

| Item Number | Output | Wattage | Minimum Load | Class 2 |
|----------------------|--------|---------|--------------|---------|
| AL-98-07-12040 | 12V DC | 40W | N/A | Yes |
| AL-98-07-12040-3WIRE | 12V DC | 40W | N/A | Yes |
| AL-98-07-24040 | 24V DC | 40W | N/A | Yes |
| AL-98-07-24040-3WIRE | 24V DC | 40W | N/A | Yes |
| AL-98-07-24096-3WIRE | 24V DC | 96W | N/A | Yes |

Lutron® Controls

| Item Number | Description | Voltage |
|----------------------|-----------------------------------|---------|
| AL-98-07-9901 | EcoSystem Control Module | N/A |
| AL-98-07-9901-8 | EcoSystem Control Module - 8 pack | N/A |
| AL-98-07-9950 | CL Dimmer | 120V AC |
| AL-98-07-9950-FPLATE | CL Dimmer faceplate | N/A |

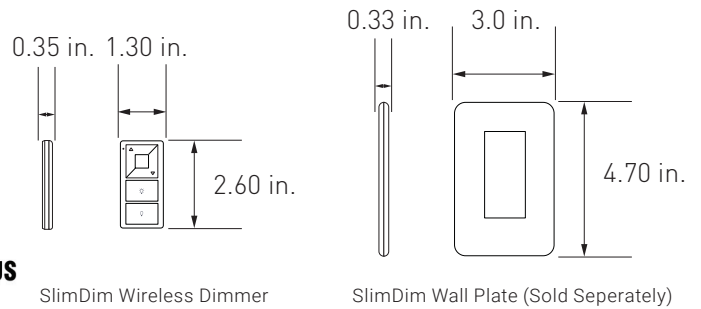
DIMMING ACCESSORIES (SOLD SEPARATELY)

Dimmers and Switches

SlimDim Wireless Dimmers

Using long-range RF technology, these LED dimmers connect wirelessly to a receiver, offering freedom to mount anywhere. Can also be used as a fob for mobile, hand-held control.

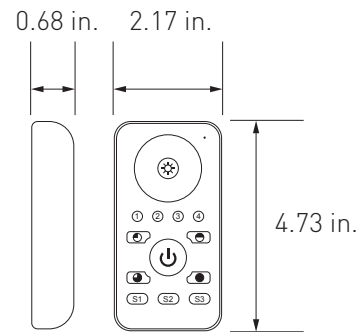
| | |
|----------------------|---|
| AL-70-01-0001 | SlimDim Wireless Dimmer |
| AL-70-01-0002 | Single Color Receiver (96W maximum) (Sold separately) |
| AL-98-07-9950-FPLATE | SlimDim Wall Plate (Sold separately) |



Remote Control Dimmer Switch

Provides full dimming and on/off control, and includes a touch wheel that allows for direct visual selection of brightness. It can also operate up to four independent zones.

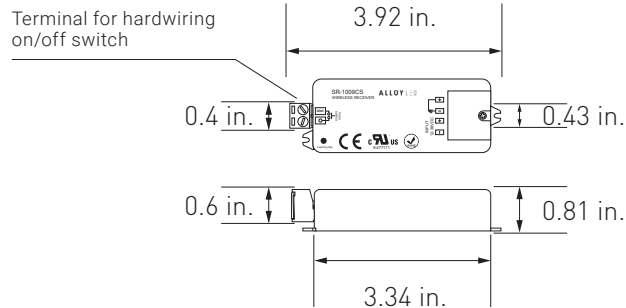
| | |
|------------------|--|
| AL-60-03-0001 | Remote Control Dimmer Switch |
| AL-70-01-0002 | Single Channel Receiver (Sold separately) |
| AL-60-03-0004-V2 | Wireless Receiver (RGB and RGBW) (Sold separately) |



Single Channel Wireless Receiver

Pair with the Remote Control Dimmer Switch or the SlimDim Wireless Dimmer to dim Primaline tape lights. Use one remote to make independent lighting zones with multiple receivers with certain controllers.

| | |
|---------------|----------------------------------|
| AL-70-01-0002 | Single Channel Wireless Receiver |
|---------------|----------------------------------|



WIRING DIAGRAM

