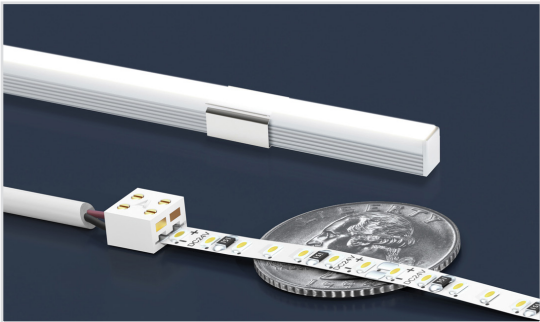


Surfa Square Channel for Razorline Tape Lights



Surfa Square Channel is an aluminum channel designed for the RazorLine family tape lights. With its sharp, linear profile, it delivers a clean finish while maintaining the ultra-narrow footprint that defines the RazorLine family.

- Ideal for installations where a square-edge aesthetic is desired, such as cabinetry, shelving, and retail displays
- Ultra-narrow footprint
- Sold in complete kits (4 or 7 ft.) to create a finished fixture in the field or custom lengths available through our build-to-order program



PRODUCT INFORMATION

Item Number	Description
AL-01-33-0011-AL-PART	Surfa Square Channel - Aluminum Finish - 4 ft.
AL-01-33-0015-AL-PART	Surfa Square Channel - Aluminum Finish - 7 ft.
AL-01-33-0111-KIT	Surfa Square Channel Kit - 4 ft.: 1 Aluminum Channel, 1 Frosted Diffuser Cover, 2 Pair Pack of Plastic End Caps - Silver, 5 Metal Mounting Clips/Screws
AL-01-33-0115-KIT	Surfa Square Channel Kit - 7 ft.: 1 Aluminum Channel, 1 Frosted Diffuser Cover, 4 Pair Pack of Plastic End Caps - Silver, 10 Metal Mounting Clips/Screws
AL-01-33-9902-FRT	Surfa Square Channel - Frosted Diffuser PC Cover, 4 ft.
AL-01-33-9905-FRT	Surfa Square Channel - Frosted Diffuser PC Cover, 7 ft.
AL-01-33-9951-SL	Surfa Square Channel - Plastic End Caps 2 Pair Pack: 2 Open, 2 Closed - Silver
AL-01-33-9981	Surfa Square Channel - Metal Mounting Clips/Screws (5-pack)
AL-01-33-0111-PACK	Surfa Square Channel - Accessory Pack - 4 ft.: 2 Pair Pack of Plastic End Caps - Silver, 5 Metal Mounting Clips/Screws
AL-01-33-0115-PACK	Surfa Square Channel - Accessory Pack - 7 ft.: 4 Pair Pack of Plastic End Caps - Silver, 10 Metal Mounting Clips/Screws

This channel is compatible with select tape lights, for full compatibility see our page 2.

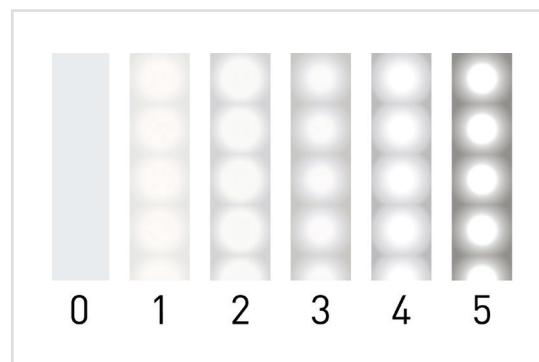
SURFA SQUARE CHANNEL AND TAPE LIGHT HOTSPOT & COMPATIBILITY GUIDE

Tape Light	Wire conn.	TapeMate	Hotspot
PrimaLine® 1.5			N/A
PrimaLine 1.5 XT			N/A
PrimaLine 2.7 LP			N/A
PrimaLine 3			N/A
PrimaLine 3 XT			N/A
PrimaLine 4.4 Gen 2			N/A
PrimaLine 4.4 XT Gen 2			N/A
PrimaLine 5.5 LP			N/A
PrimaLine 6.6 Gen 2			N/A
PrimaLine 8 Gen 2			N/A
Varien™ 5.5 Dim-to-Warm			N/A
Varien 2.7 LP			N/A
VariTune 2.7 LP			N/A
VariTune 4.3 COB			N/A
VariTune RazorLine 6.1	S		0
Radialux® 2.2 RGB			N/A
Radialux 4.4 RGB			N/A
Radialux 4.4 RGB-W			N/A
Radialux 4.7 LP RGB-W			N/A
Radialux 5.5 COB RGBTW			N/A
Radialux 4.9 COB RGBW			N/A
Radialux 5.8 LP			N/A
Radialux 5.9 RGB-W			N/A
Radialux 8.8 RGB			N/A
RazorLine 3.7	S		0
PrimaLine 1.5 Wet			N/A
PrimaLine 1.5 XT Wet			N/A
PrimaLine 3 Wet			N/A
PrimaLine 3 XT Wet			N/A
PrimaLine 4.4 XT Gen 2 Wet			N/A
Radialux 2.2 RGB Wet			N/A
Radialux 4.4 RGB Wet			N/A
Radialux 4.4 RGB-W Wet			N/A
Radialux 5.9 RGB-W Wet			N/A

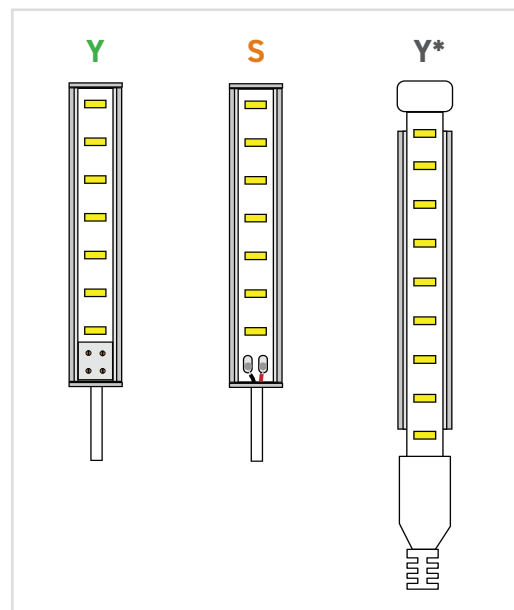
Chart Key

- 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

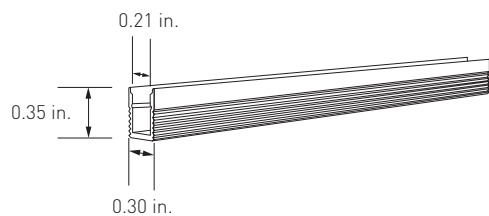
Hotspot Values



Compatibility Visual Key



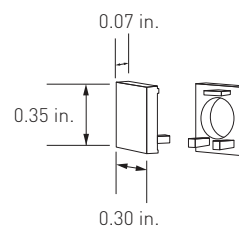
DIMENSIONS



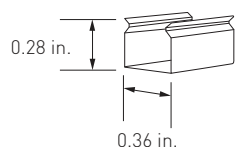
Surfa RazorLine Square Channel



Frosted Diffuser PC Cover

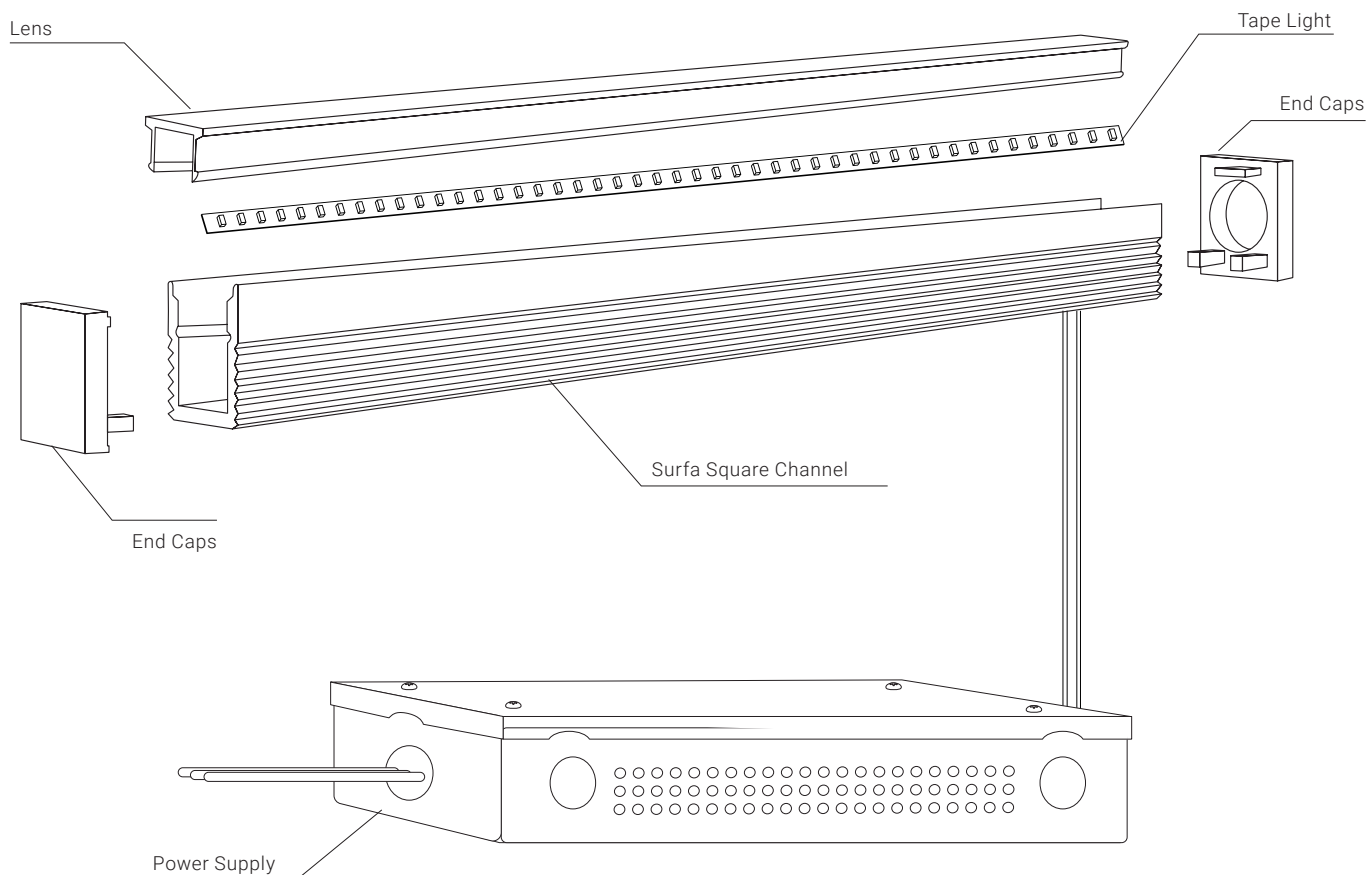


End Caps



Mounting Clips

COMPLETE SOLUTION



RECOMMENDED TAPE LIGHT (SOLD SEPARATELY)

Output

Razorline 3.7 Tunable White



24V DC		Maximum Run = 16.4 ft			
7 ft. Spool	16.4 ft Spoo	Color Temperature*	Lumens / Foot	CRI	
AL-01-33-2401	AL-01-33-2441	2700K	271	96.1	
AL-01-33-2402	AL-01-33-2442	3000K	300	96.7	
AL-01-33-2403	AL-01-33-2443	4200K	316	97.4	
AL-01-33-2404	AL-01-33-2444	5000K	350	94.9	
AL-01-33-2408	AL-01-33-2448	3500K	307	96.9	

Output

VariTune RazorLine 6.1 Tunable White



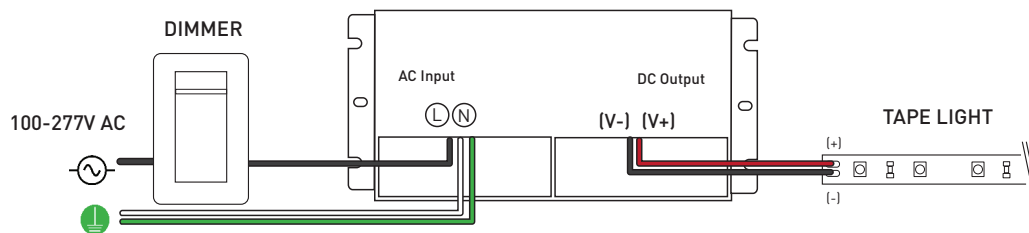
24V DC		Maximun Run = 10ft		
14 ft. Spool	Color Temperature*	Lumens / Foot	CRI	
AL-01-38-2401	2200K-6500k	646	95	

ALLOY LED[®] Specifications

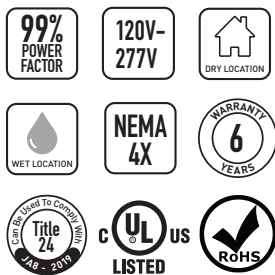
RECOMMENDED POWER SUPPLIES (SOLD SEPARATELY)



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%	11.85 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)

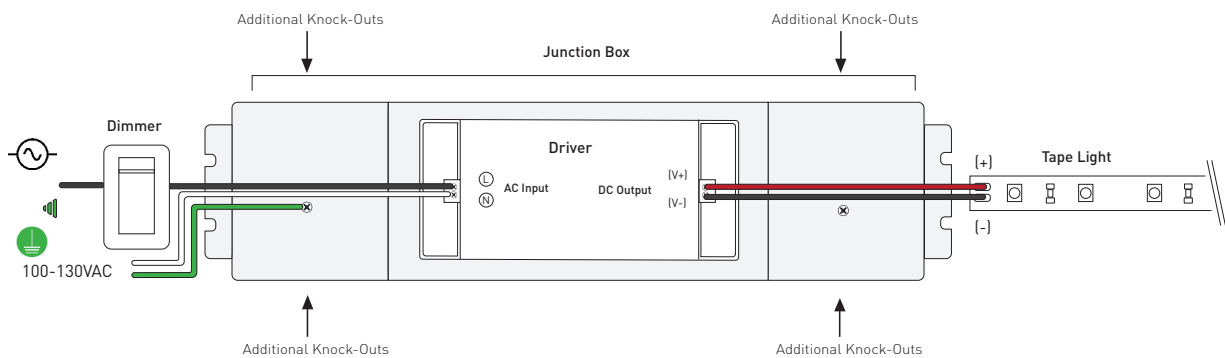
Alloy LED Primavolt® No Minimum Load Dimmable Power Supplies with ETL Listed Junction Box
Code-compliant power supply with versatile and smooth dimming capabilities. Compatible with Incandescent, On/Off, ELV and MLV dimmers.



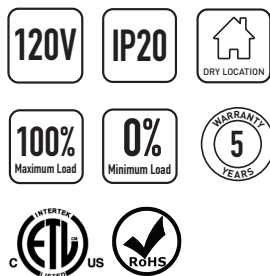
Dry Location Model
White model for 60W and lower



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.



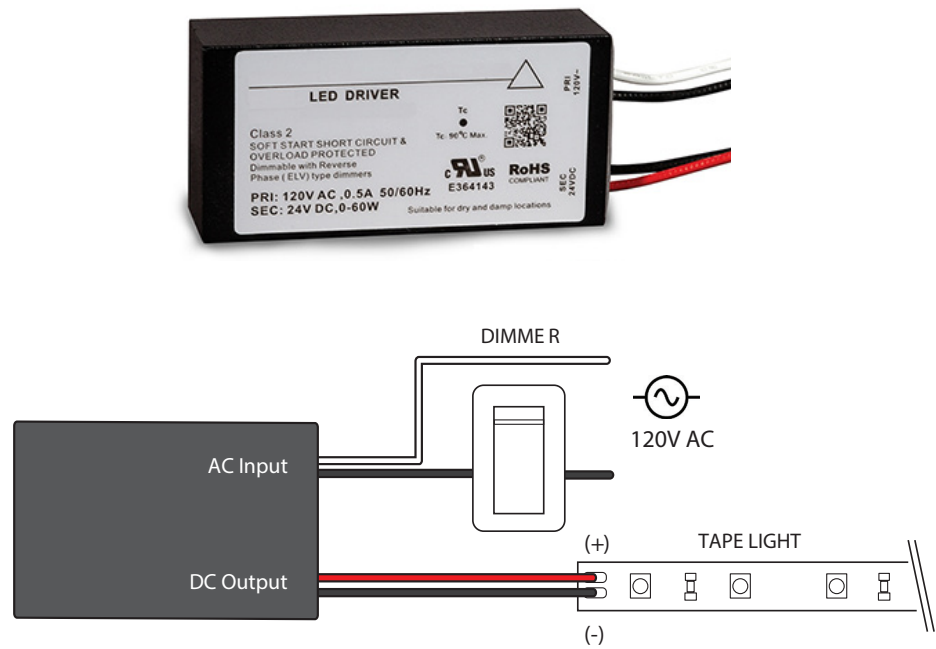
Item Number	Output Voltage	Wattage	Minimum Load	Dimensions (Junction Box) (L x W x H)	Class 2
AL-98-03-12024-NM	12V DC	24W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-12048-NM	12V DC	48W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-12060-NM	12V DC	60W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-12080-NM	12V DC	80W	0%	14.96 x 3.03 x 2.24 in.	No
AL-98-03-12120-NM	12V DC	120W	0%	14.96 x 3.03 x 2.24 in.	No
AL-98-03-24024-NM	24V DC	24W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-24048-NM	24V DC	48W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-24060-NM	24V DC	60W	0%	13.78 x 3.03 x 1.46 in.	Yes
AL-98-03-24080-NM	24V DC	80W	0%	14.96 x 3.03 x 2.24 in.	Yes
AL-98-03-24096-NM	24V DC	96W	0%	14.96 x 3.03 x 2.24 in.	Yes
AL-98-03-24150-NM	24V DC	150W	0%	15.98 x 3.43 x 2.36 in.	No
AL-98-03-24200-NM	24V DC	200W	0%	15.98 x 3.43 x 2.36 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.

RECOMMENDED POWER SUPPLIES (SOLD SEPARATELY)

ELV Dimmable Power Supplies for Remote Enclosures

The drivers are derated, but when installed in a small enclosure with no heatsink or air circulation, we recommend a maximum load of 40W.



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

120V

98%
POWER
FACTOR

WARRANTY
5
YEARS

0%
Min. Load

cULus

Item Number	Output	Wattage	Dimensions (L x W x H)	Class 2
AL-98-08-12060	12V DC	60W	2.66 x 1.30 x 0.83 in.	Yes
AL-98-08-24060	24V DC	60W	2.66 x 1.30 x 0.83 in.	Yes

Note: 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

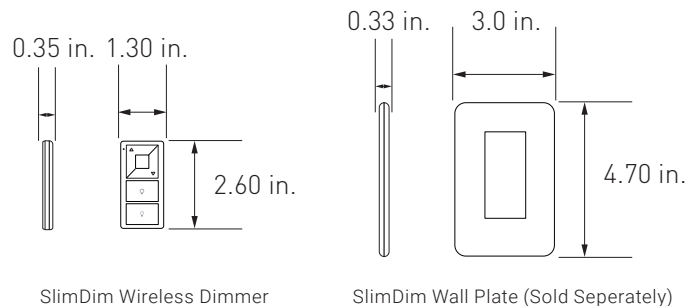
DIMMING ACCESSORIES (SOLD SEPARATELY)

Dimmers and Switches

SlimDim Wireless Dimmer Switch



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.

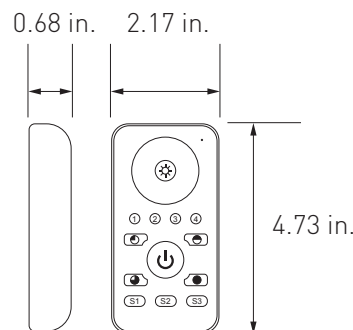
AL-70-01-0001	SlimDim Wireless Dimmer
AL-70-01-0002	Single Color Receiver (96W max.) (sold separately) 
AL-98-07-9950 -FPLATE	SlimDim Wall Plate (sold separately)



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.

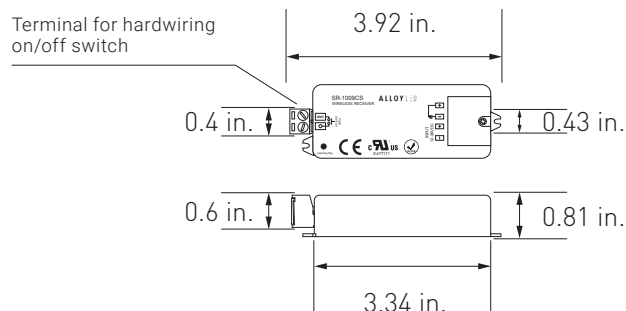
AL-60-03-0001	Remote Control Dimmer Switch
AL-70-01-0002	Single Channel Receiver (sold separately) 
AL-60-03-0004-V2	Wireless Receiver (RGB & RGBW) (sold separately) 



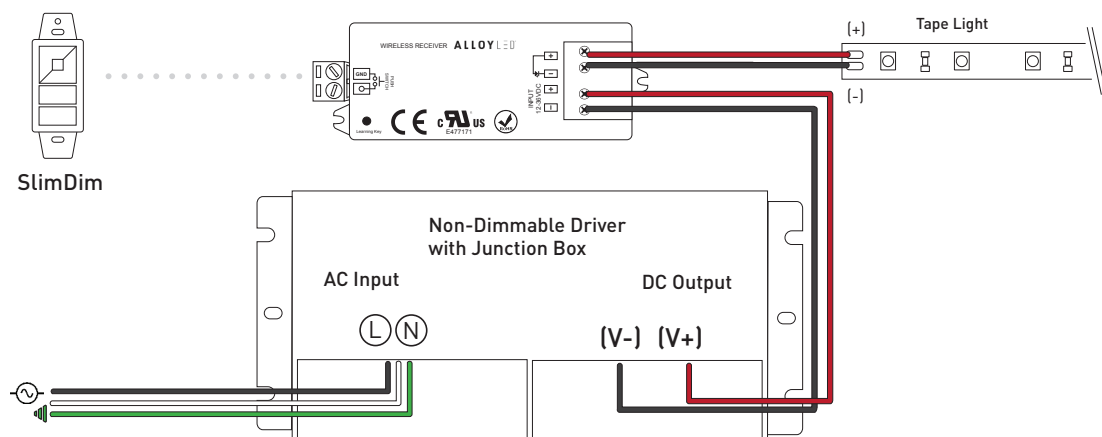
Single Channel Wireless Receiver

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
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WIRING DIAGRAM

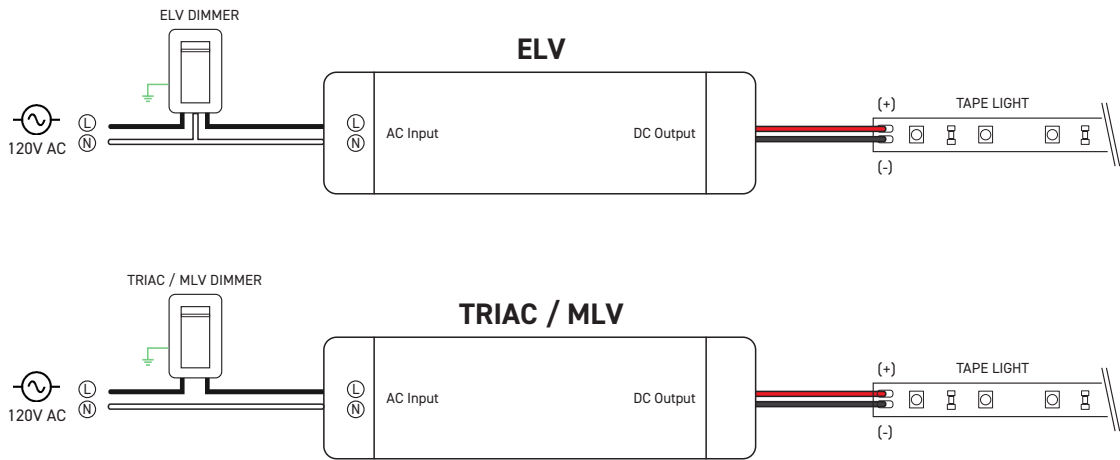
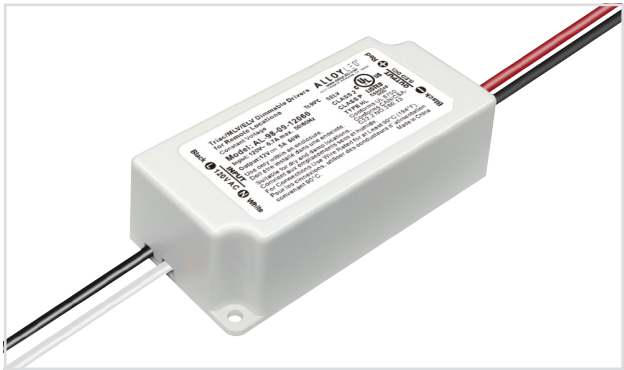


ALLOY LED® Specifications

RECOMMENDED POWER SUPPLIES (SOLD SEPARATELY)

Alloy LED TRIAC/MLV/ELV Dimmable Drivers for Remote Locations

Offers stable power in even in the most remote settings. Compatibility with TRIAC, ELV, or MLV dimmers.



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

120V

100%
Maximum Load

20%
Min. Load

DRY LOCATION

UL
LISTED

CLASS 2

CLASS P

TYPE HL

SELV

RoHS

WARRANTY 5 YEARS

Item Number	Output Voltage	Wattage	Dimensions (L x W x H)	Class 2
AL-98-09-12060	12V DC	60W	3.31 x 1.57 x 0.98 in.	Yes
AL-98-09-24096	24V DC	96W	3.31 x 1.57 x 0.98 in.	Yes

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.