



# Easy-Spec™ Standard Lens Suspended

## Margot 218 Installation Instructions

### ⚠ SAFETY PRECAUTIONS

The mounting means provided with this luminaire has not been evaluated for reliability. If installed where failure of the mounting could cause injury to persons or damage to property below, supplemental means of securement should be considered.

Products should be installed and serviced by a qualified, licensed electrician in accordance with applicable local and national electrical safety codes.

Never install within 10 ft or less from the nearest edge of a pool, spa, fountain, or similar location.

Never use currents or voltages that are not compatible.

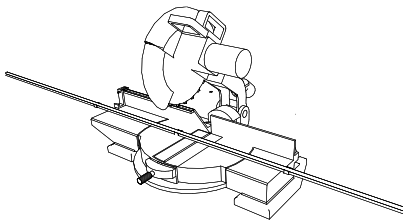
Never modify or take apart Kelvix components beyond instructions or the warranty will be void.

Connect power feed to appropriate power source or controls.

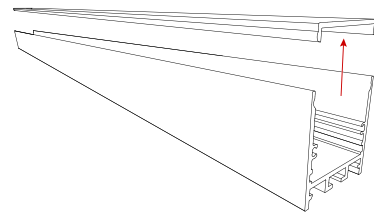
Ensure all electrical connections are insulated and secure before applying power.

Remove from power source immediately if any damage is found in the LED strip or cabling.

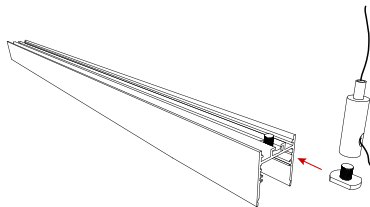
- 1 | Insert lens into channel, measure, and cut to length.



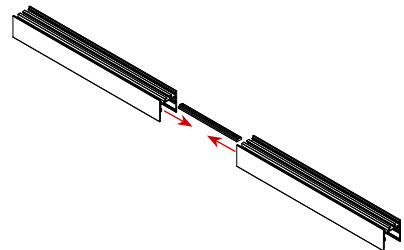
- 2 | Remove lens cover from channel.



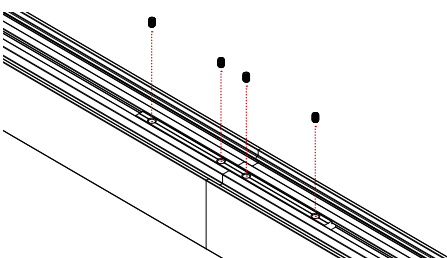
- 3 | Unscrew t-screws from channel couplers and feed through slot on back of channel.



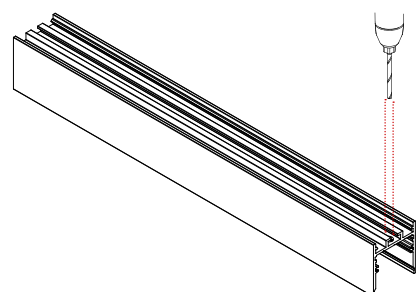
- 4 | Couple all fixtures together within a run.



- 5 | Tighten coupler screws to join fixtures.



- 6 | Drill hole for power feed at one end of the channel run.

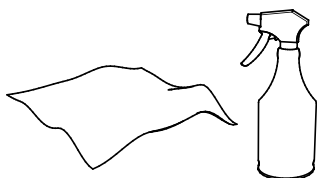




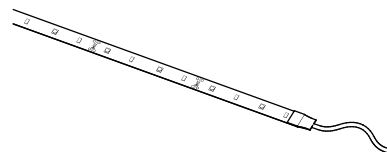
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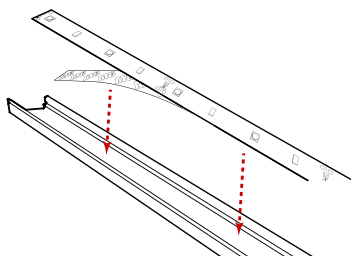
- 7 | Clean channel to remove any dirt, debris, or moisture.



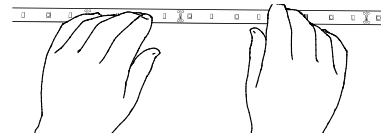
- 8 | Orient LED strip with power feed end toward power source.



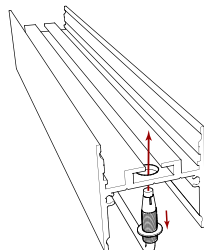
- 9 | Peel off 3M™ adhesive backing and adhere LED strip to the inside bottom of the channel.



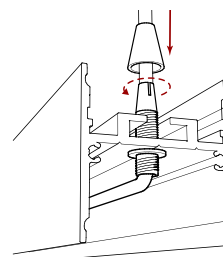
- 10 | Gently go back and press down along entire strip to remove any air pockets and secure into position.



- 11 | Slide grommet over power feed and run both out to channel exterior through hole drilled in step 6.



- 12 | Thread cap onto bottom half of power feed grommet. Tighten to hold power feed in place.

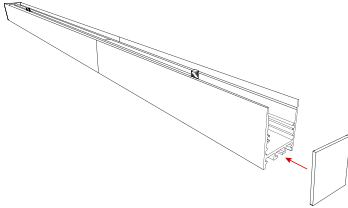




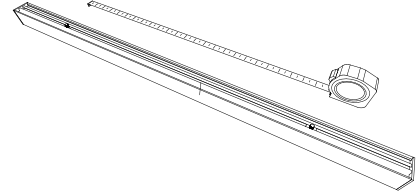
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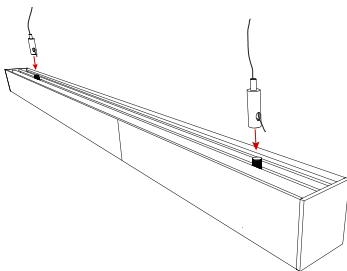
13 | Attach end caps.



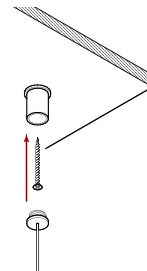
14 | Measure ceiling and channel to determine suspension points.



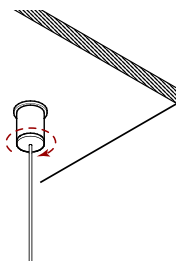
15 | Thread channel couplers back onto t-screws at desired suspension points.



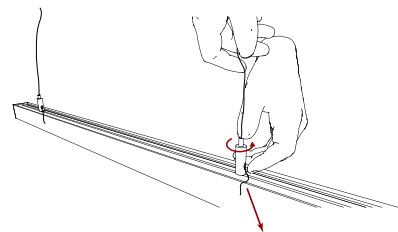
16 | Remove t-screws from ceiling couplers and mount to ceiling with appropriate hardware.



17 | Thread t-screws back into ceiling couplers to suspend channel.



18 | Adjust height of channel by compressing end of channel coupler and adjusting cable length.

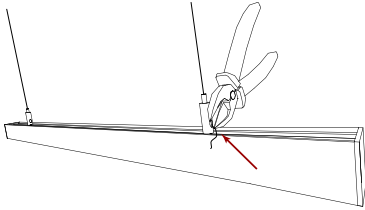




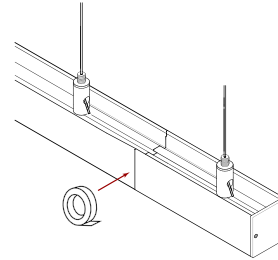
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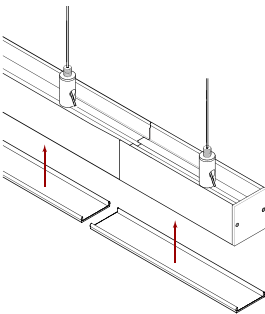
- 19 | If desired, clip excess suspension cable with wire cutters.



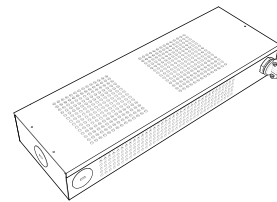
- 20 | Apply light-blocking tape to the inside of all joined fixture seams to eliminate light gaps.



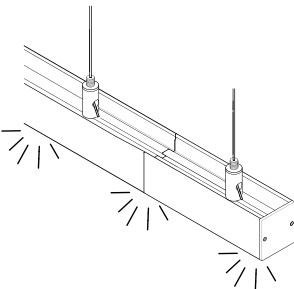
- 21 | Snap lens into channel.



- 22 | Install power supply (see page 5-6 for detailed installation steps).



- 23 | Turn on fixture and enjoy!



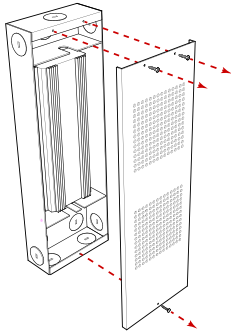




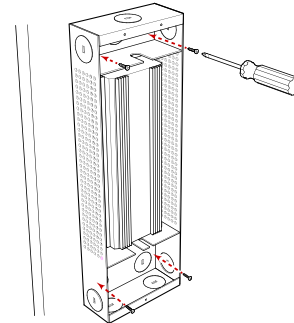
# ULV Power Supply

## Installation Instructions

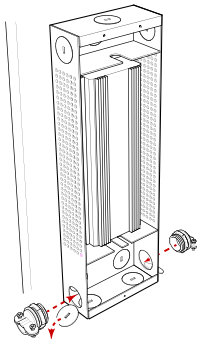
- 1 | Remove wiring cover.



- 2 | Secure power supply to mounting surface.



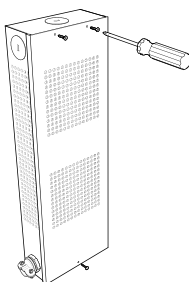
- 3 | Install romex connectors in 1/2 KOs where necessary.



- 4 | Refer to ULV96 Wiring Options (next page) to configure setup for the appropriate application.



- 5 | Replace wiring cover.





Wiring diagram for a 24V LED strip light using a ULV98 24V/36W Class 2 Power Supply.

**AC Input:** 100-120 VAC (HOT (BLACK) and NEUTRAL (WHITE)).

**Dimmer:** Primary Side Dimmer (connected to HOT (BLACK)).

**Ground:** GROUND (GREEN).

**Power Supply (ULV98 24V/36W Class 2 Power Supply):**

- INPUT:**
  - AC-L (BLACK)
  - AC-N (WHITE)
  - GND (GREEN)
- OUTPUT:**
  - DIM+ (VIOLET)
  - DIM- (GRAY)
  - 24VDC+ (RED)
  - 24VDC- (BLUE)

**LED Strip Light(s):** 24VDC LED Strip Light(s) connected to the output wires (VIOLET (DIM+), GRAY (DIM-), RED (24VDC+), BLUE (24VDC-)).

100-120 VAC

HOT (BLACK)

NEUTRAL (WHITE)

GROUND (GREEN)

Primary Side Switch

INPUT

ACIN (BLACK)

ACCN (WHITE)

PE (GREEN)

ULV96  
24V LED  
Class 2 Power Supply

CE

500mA OUTPUT

24VDC OUTPUT

24VDC INPUT

24VDC LED Strip Light(s)

VIOLET (DIM+)

GRAY (DIM-)

RED (24VDC+)

BLUE (24VDC-)

Cap Wires

Wiring diagram for the ULV96 24V LED Driver:

- AC Input:** 100-120 VAC connected to HOT (BLACK) and NEUTRAL (WHITE). GROUND (GREEN) is connected to the chassis ground.
- Dimmer:** A Secondary Side Dimmer is connected to the driver's DIM+ (VIOLET) and DIM- (GRAY) terminals.
- Driver:** ULV96 24V/50W Class D Power Supply. Input terminals are connected to HOT and NEUTRAL. Output terminals are connected to RED (24VDC+) and BLUE (24VDC-).
- LED Load:** 24VDC LED Strip Light(s) connected between the RED and BLUE output lines.

Wiring diagram for the ULV96 Class 2 Power Supply:

- Input:**
  - HOT (BLACK)
  - NEUTRAL (WHITE)
  - GROUND (GREEN)
- Power Supply:** ULV96 24V/95W Class 2 Power Supply
- Output:**
  - DIM+ (VIOLET)
  - DIM- (GRAY)
  - 24VDC+ (RED)
  - 24VDC- (BLUE)
- Connections:**
  - DIM+ and DIM- are connected to Cap Wires.
  - 24VDC+ and 24VDC- are connected to the DMX512 Module.
  - The DMX512 Module is connected to the 24VDC LED Strip Light(s).