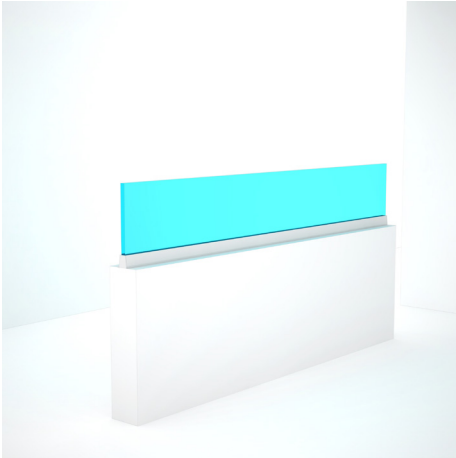


## Featured SimpleSpec

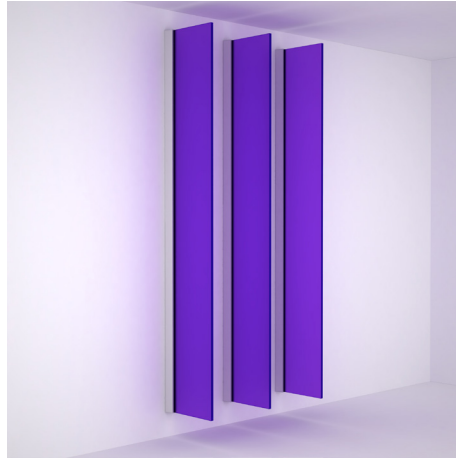
**200.43**

Edge-Lit Chroma Fin Partition



**300.36**

Edge-Lit Chroma Fin Wall-Mounted



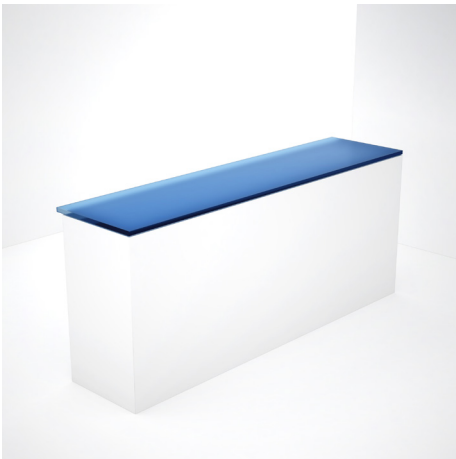
**500.04**

Edge-Lit Chroma Fin Shelf



**600.17**

Edge-Lit Chroma Countertop



## Introduction 3flex

- . Expected Life of the LED 50,000+ hours to 70% of its original brightness (about 7-10 yrs)
- . Proprietary Edge Lit design with White or RGB 3flex LED's
- . White is 4000K, optional dimming available
- . RGB (Red, Green, Blue) allows any color with different controls available
- . Indoor use, dry location
- . SGS listed conforming to UL Standards 2108 & 8750 and CSA standard 22.2

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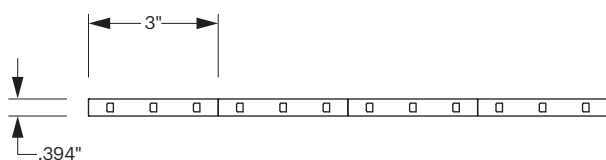
- 14 3-60-765 Dimmable Power Supply
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## Specifications

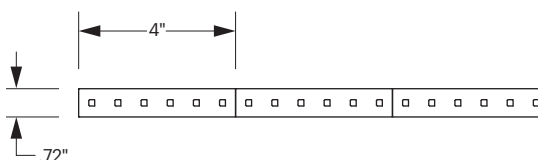
### LEDs

Part Number	LEDs	Watts/Foot	LEDs/Foot	Beam Angle	Volts	Can Be Cut Every	Max Run Length For Class 2 Electrical Rating	Flexible Strip Width	Other
3-60-2275	4000K Color Temp	9.6 W	12	120°	24VDC	3"	116"	.394" (10mm)	795 Lumens/ft
3-60-2276	Tri-Color RGB	6.6 W	18	120°	24VDC	4"	154"	.720" (18.3mm)	Requires RGB Controller

**For both White and RGB 3flex:** Use thermal transfer tape for easy mounting. Must be mounted to 3form provided or approved heat sink. Wire leads solder mounted at either end of strip. Indoor use only.



3-60-2275 White 3flex



3-60-2276 RGB 3flex

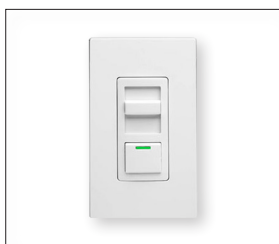
## Power and Electrical

The Countertop and the Fin come with a 16' long 4-pin cable with connector. A mating 16' cable is also supplied to connect to the RGB controller, dimmer, or power supply. This allows remote mounting of the power supply and controller up to 32' away. If additional length is needed, 14AWG wires can be added by the electrician to extend this length up to 50'. The same cable is used for both White and RGB options. See wiring diagrams on pages 11 through 13 for appropriate wire connections.

A 24 VDC, 96 Watt Power Supply is used for standard Class 2 low voltage operation. Each 96 Watt Power Supply will power up to 116" of White or 154" of RGB 3flex in either the Fin or Countertop.

### Drivers: White

Part Number	Description	Dimensions	Input Voltage	Input Current	Output Power	Output Voltage	Output Current
3-60-497	0-10V Slide Control Wall Dimmer	-	-	-	-	-	-
3-60-765	96W Dimmable Power Supply	11.7"×2.36"×1.4"	120-277VAC	.8/.35	96	24	4



3-60-497 Slide Control

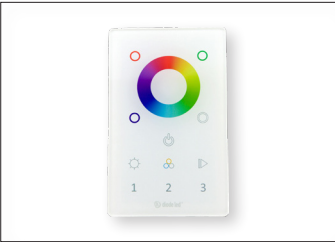


3-60-765 Dimmable Power Supply

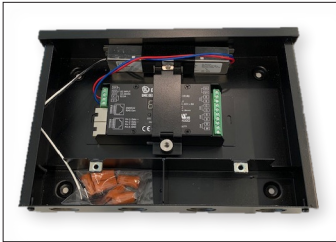
Specifications

Drivers: RGB

Part Number	Description	Dimensions	Input Voltage	Input Current	Output Power	Output Voltage	Output Current
3-60-790	DMX Wall Mount Controller	2.95"×4.72"×1.15"	12-24VDC	—	—	—	—
3-60-793	Driver/DMX Decoder Combo	10.79"×7.34"×2.36"	120/277	1.16A @ 120VAC/277VAC	96w	24v	4A
3-60-794	DMX 8-Way Splitter	7.84"×4.93"×1.74"	12-24VDC	max 300mA	—	—	—
3-60-795	XLR-3 to RJ45 Adapter	2.58"×0.87"×0.98"	—	—	—	—	—



**3-60-790**  
DMX Wall Mount Controller



**3-60-793**  
Nema3R Wet Location DMX Decoder and Driver Combo



**3-60-794**  
DMX 8-way Splitter

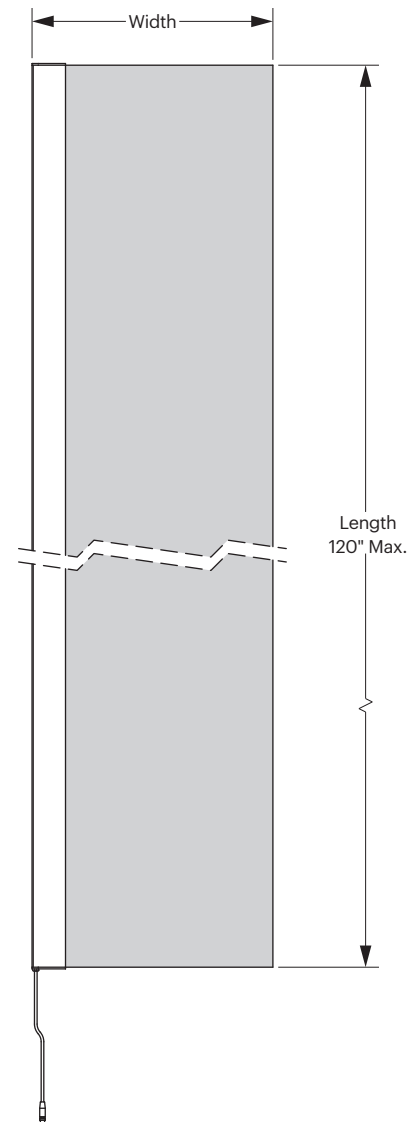
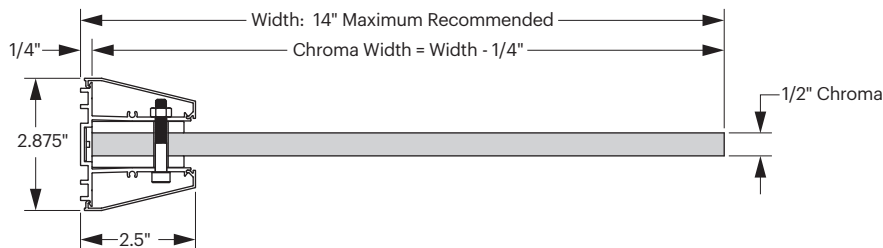
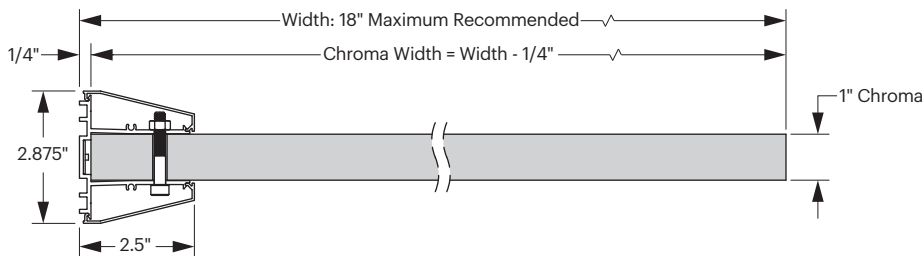
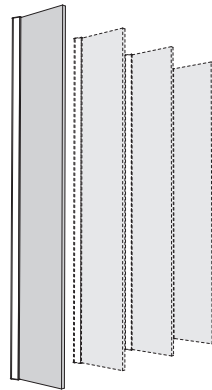


**3-60-795**  
XLR-3 to RJ45 Adapter

### Solution 1

### SimpleSpec 300.36

Plank Fin



## Dimensions

Base profile is  $2\frac{7}{8}$ "  $\times$   $2\frac{1}{2}$ "

Minimum length is 12"

Maximum length is 120"

Fin material available in  $\frac{1}{2}$ " or 1" gauge

Maximum recommended width with 1" gauge material is 18"

Maximum recommended width with  $\frac{1}{2}$ " gauge material is 14"

Minimum recommended width is 4"

## Weight

Base (not including the panel) is 1.25 lbs/linear foot

$\frac{1}{2}$ " gauge Chroma panel is 3.1 lb/ft<sup>2</sup>

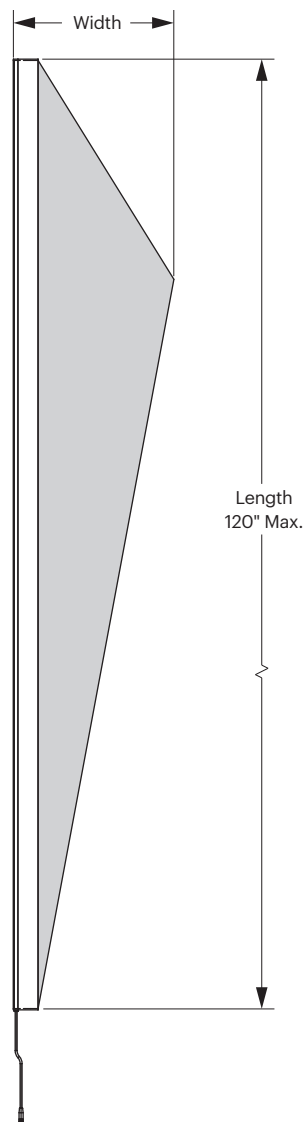
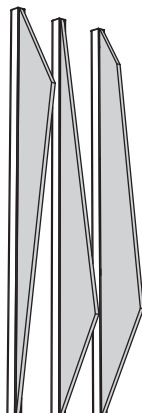
1" gauge Chroma panel is 6.2 lb/ft<sup>2</sup>

**Example:** 1" gauge Chroma Fin 8' long  $\times$  18" wide ( $1.25 \times 8 + 8 \times 1.5 \times 6.2$ ) is 84.4 lbs.

## Solution 2

### SimpleSpec 300.37

Knife Fin



## Dimensions

Base profile is  $2\frac{7}{8}$ "  $\times$   $2\frac{1}{2}$ "

Minimum length is 12"

Maximum length is 120"

Fin material available in  $\frac{1}{2}$ " or 1" gauge

Maximum recommended width is 12"

Minimum recommended width is 4"

No more than 10lbs/ft on shelf when anchored into a solid substrate such as concrete or wood blocking

## Weight

Base (not including the panel) is 1.25 lbs/linear foot

$\frac{1}{2}$ " gauge Chroma panel is 3.1 lb/ft<sup>2</sup>

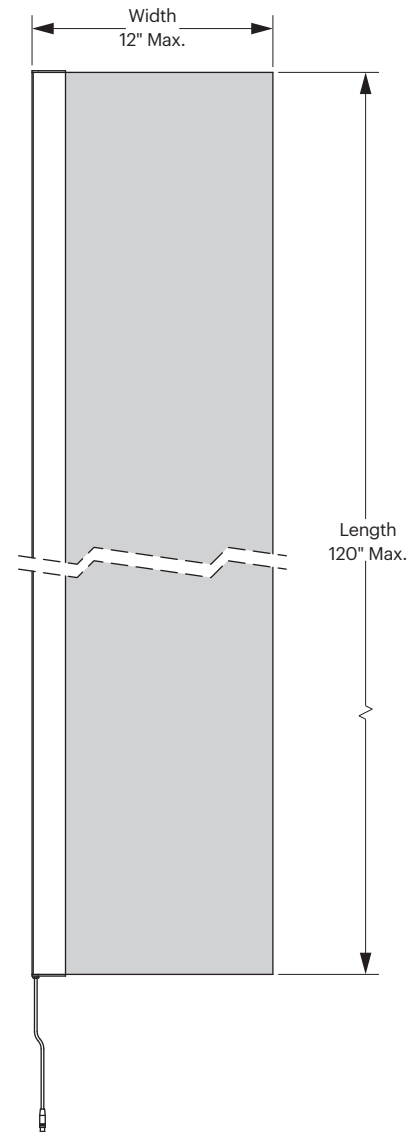
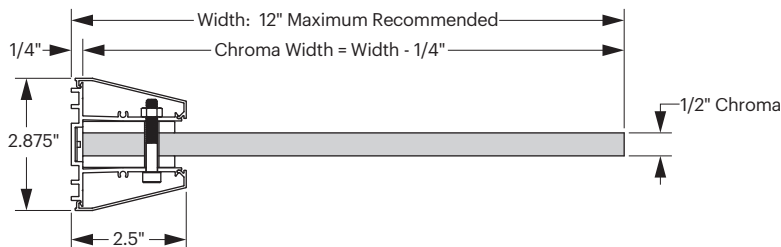
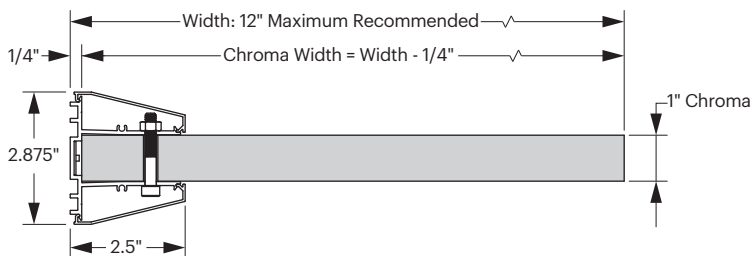
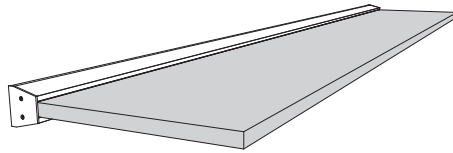
1" gauge Chroma panel is 6.2 lb/ft<sup>2</sup>

**Example:** 1" gauge Chroma Fin 8' long  $\times$  18" wide ( $1.25 \times 8 + 8 \times 1.5 \times 6.2$ ) is 84.4 lbs.

### Solution 3

### SimpleSpec 500.04

Fin Shelf



## Dimensions

Base profile is  $2\frac{7}{8}$ "  $\times$   $2\frac{1}{2}$ "

Minimum length is 12"

Maximum length is 120"

Fin material available in  $\frac{1}{2}$ " or 1" gauge

Maximum recommended width is 12"

Minimum recommended width is 4"

No more than 10lbs/ft on shelf when anchored into a solid substrate such as concrete or wood blocking

## Weight

Base (not including the panel) is 1.25 lbs/linear foot

$\frac{1}{2}$ " gauge Chroma panel is 3.1 lb/ft<sup>2</sup>

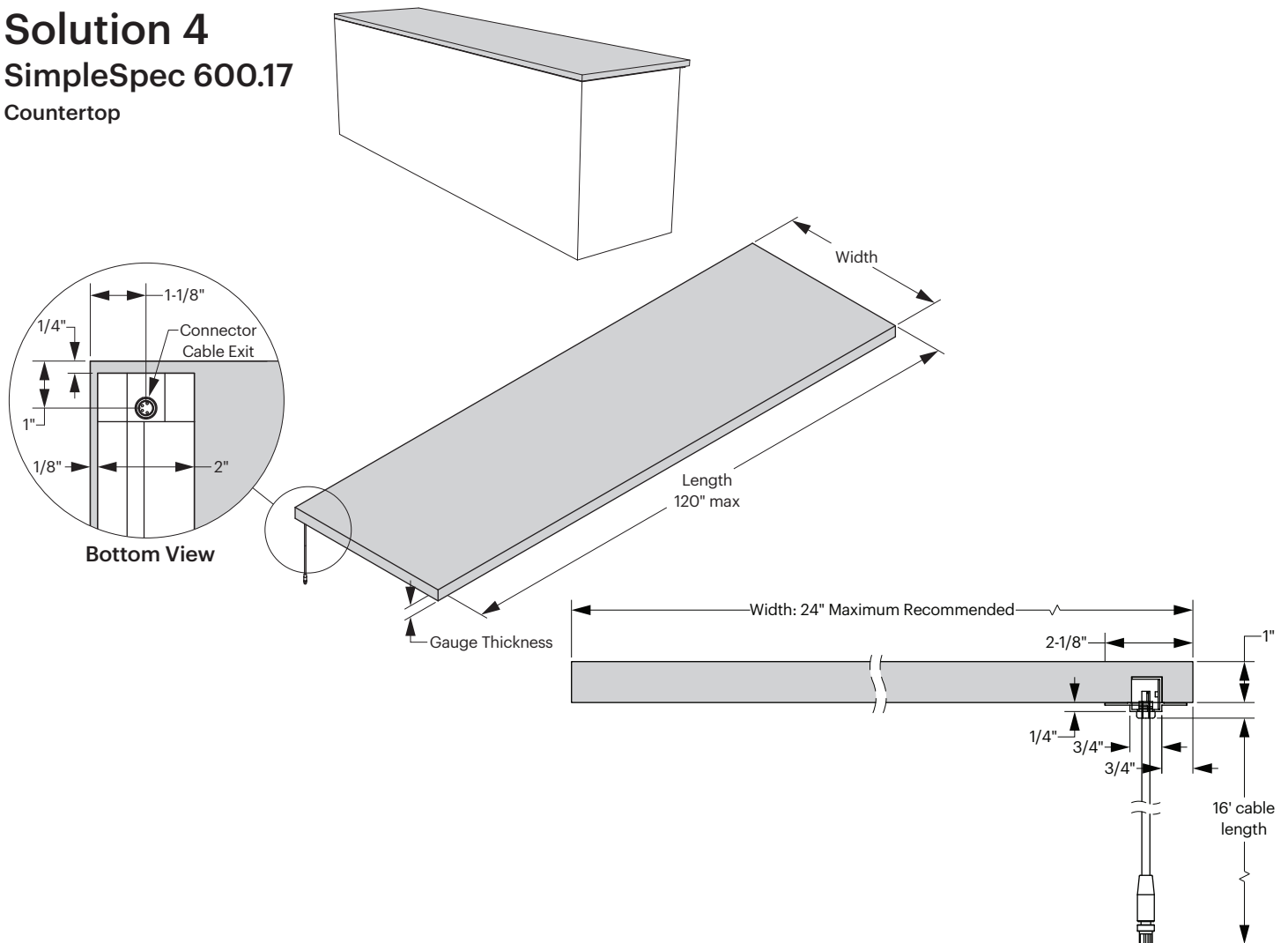
1" gauge Chroma panel is 6.2 lb/ft<sup>2</sup>

**Example:** 1" gauge Chroma Fin 8' long  $\times$  18" wide ( $1.25 \times 8 + 8 \times 1.5 \times 6.2$ ) is 84.4 lbs.

### Solution 4

### SimpleSpec 600.17

Countertop



### Dimensions

Countertop available in 1" or 2" gauge Chroma

Maximum Countertop width for 1" gauge is 24"

Maximum Countertop width for 2" gauge is 30"

Maximum Countertop length is 120"

Countertops can be butted or field seamed for continuous length.

Specify left or right side cable exit for each Countertop section.

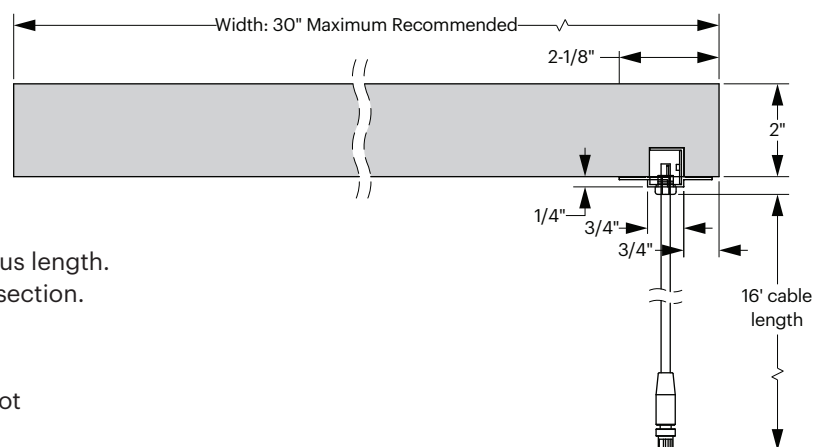
### Weight

LED Channel (not including the panel) is .25 lbs/linear foot

1" gauge Chroma panel is 6.2 lb/ft<sup>2</sup>

2" gauge Chroma panel is 12.4 lb/ft<sup>2</sup>

**Example:** 1" gauge Chroma Countertop 8' long × 24" wide (.25\*8 + 8\*2\*6.2) is 101.2 lbs.





# Installation

## SimpleSpec 300.36 300.37

### Fin

The Fin will come assembled from the factory. The cover extrusions may be shipped loose or installed at the factory. If they are installed you will need to remove them to fasten the Fin to the wall. Remove the top end cap and slide a screwdriver or thin rod between the cover and base near the top. Pry outward to snap off covers.

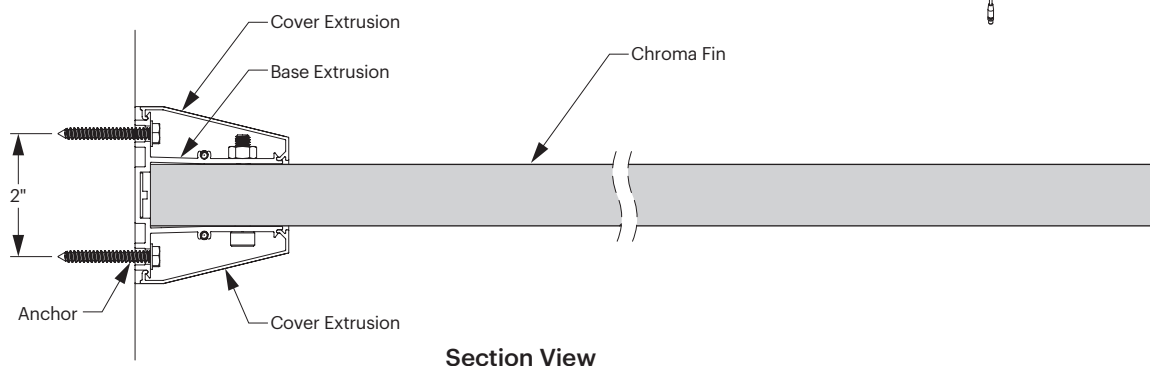
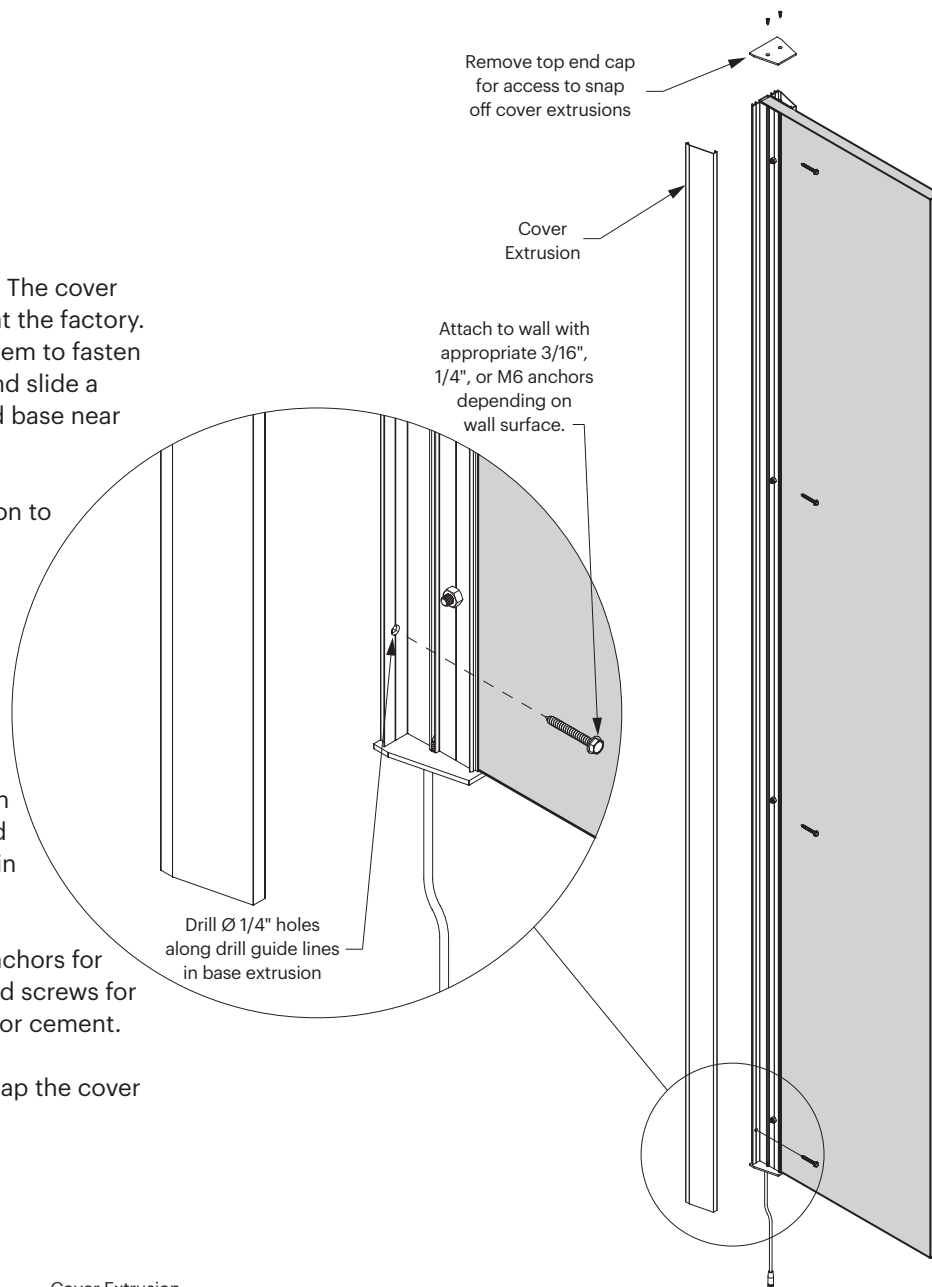
The Chroma Fin may be removed for installation to prevent scratching or damage if desired. Remove the nuts and bolts fastening the Fin and pull it out of the channel.

Mounting holes are not pre-drilled at the factory in the base extrusion. This will allow hole placement to match structure on site such as studs or furring strips. Drill  $\frac{1}{4}$ " diameter holes on both sides of base extrusion along drill guide lines. Holes should be spaced no more than 30" apart and no more than 12" in from the top/bottom.

Fasten the Fin to the wall using appropriate anchors for the substrate. Recommend  $\frac{3}{16}$ "  $\times$   $1\frac{1}{4}$ " long wood screws for wood and  $\frac{3}{16}$ ",  $\frac{1}{4}$ ", or M6 anchors for concrete or cement.

Re-install Chroma Fin if it was removed and snap the cover extrusions in place.

Connect cable to power supply or controller  
(See wiring diagrams on pages 11 through 13).



## Installation

### SimpleSpec 600.17

#### Countertop

The LED lighting will come fully assembled from the factory. The LED channel is partially recessed into a routed groove on the bottom of the counter and held in place with double side VHB tape.

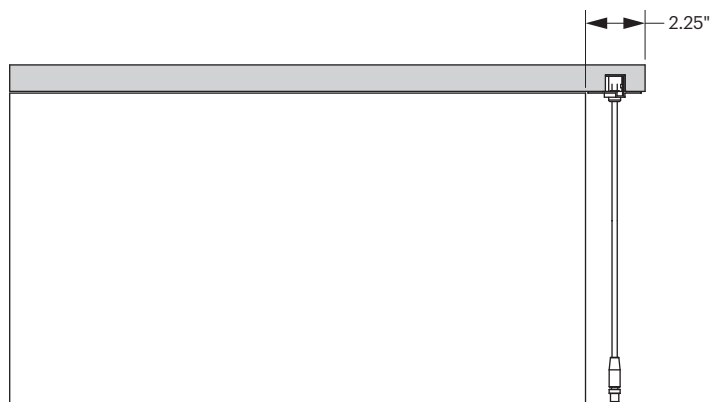
The LED's are rated for 50K hours and should not require maintenance, but it is important to consider access to the channel in case of premature failure or connection issues.

It is recommended to allow the countertop to overhang the millwork by 2¼" on the channel side. This will allow ventilation of the channel to maximize the life of the LED's. It will also allow access if any maintenance is required.

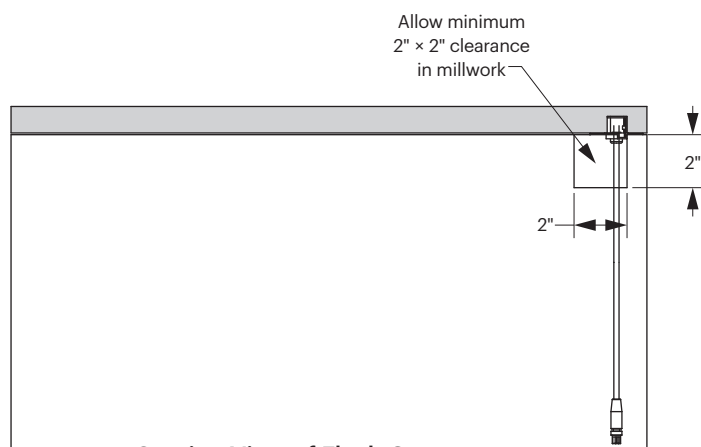
If no overhang is desired, there should be at least 2" of airspace around the channel for heat dissipation.

The channel can be removed if necessary by sliding a thin knife along the outer edge to cut through the center of the foam tape. Then the channel can be pulled out of the countertop. New tape will be required to re-install the channel.

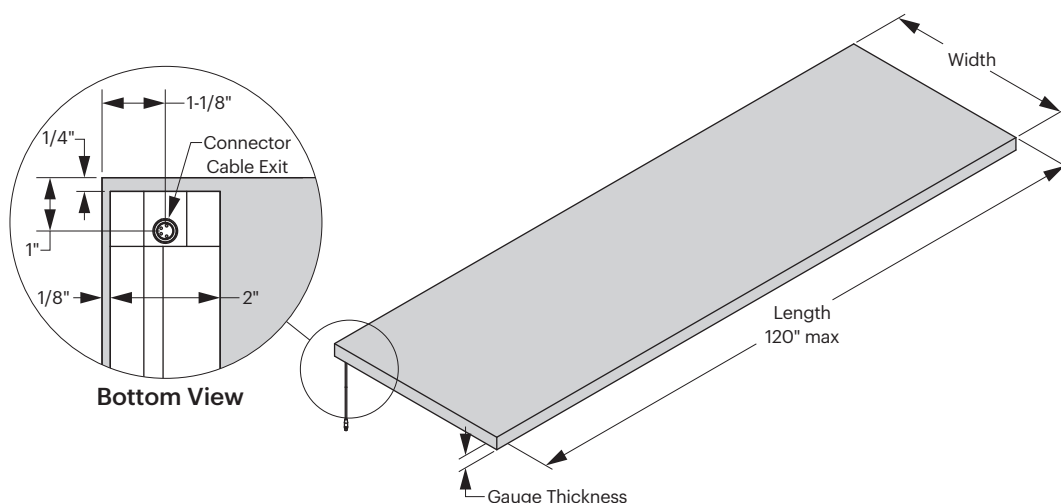
Installation of the countertop is fairly simple. The countertop can be placed on top of the counter or millwork. It can be secured with VHB tape or structural silicone if required.



**Section Countertop with Overhang**



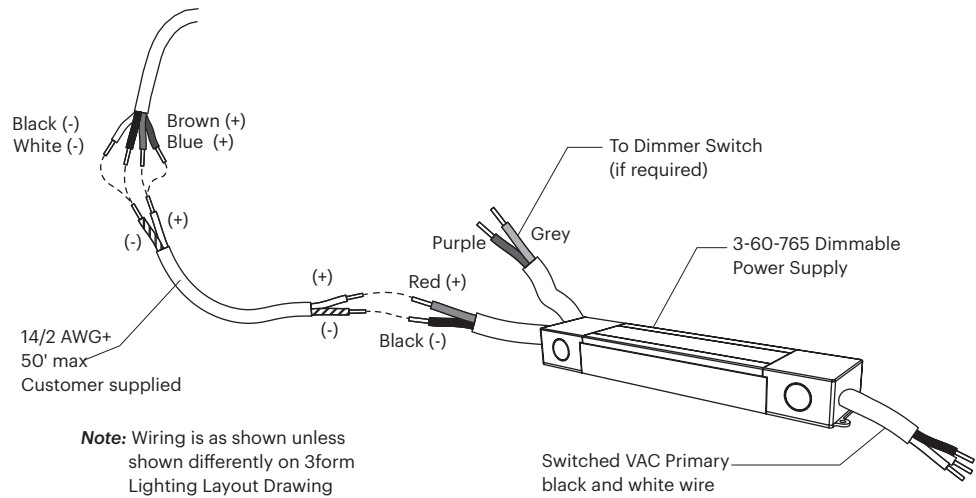
**Section View of Flush Countertop**



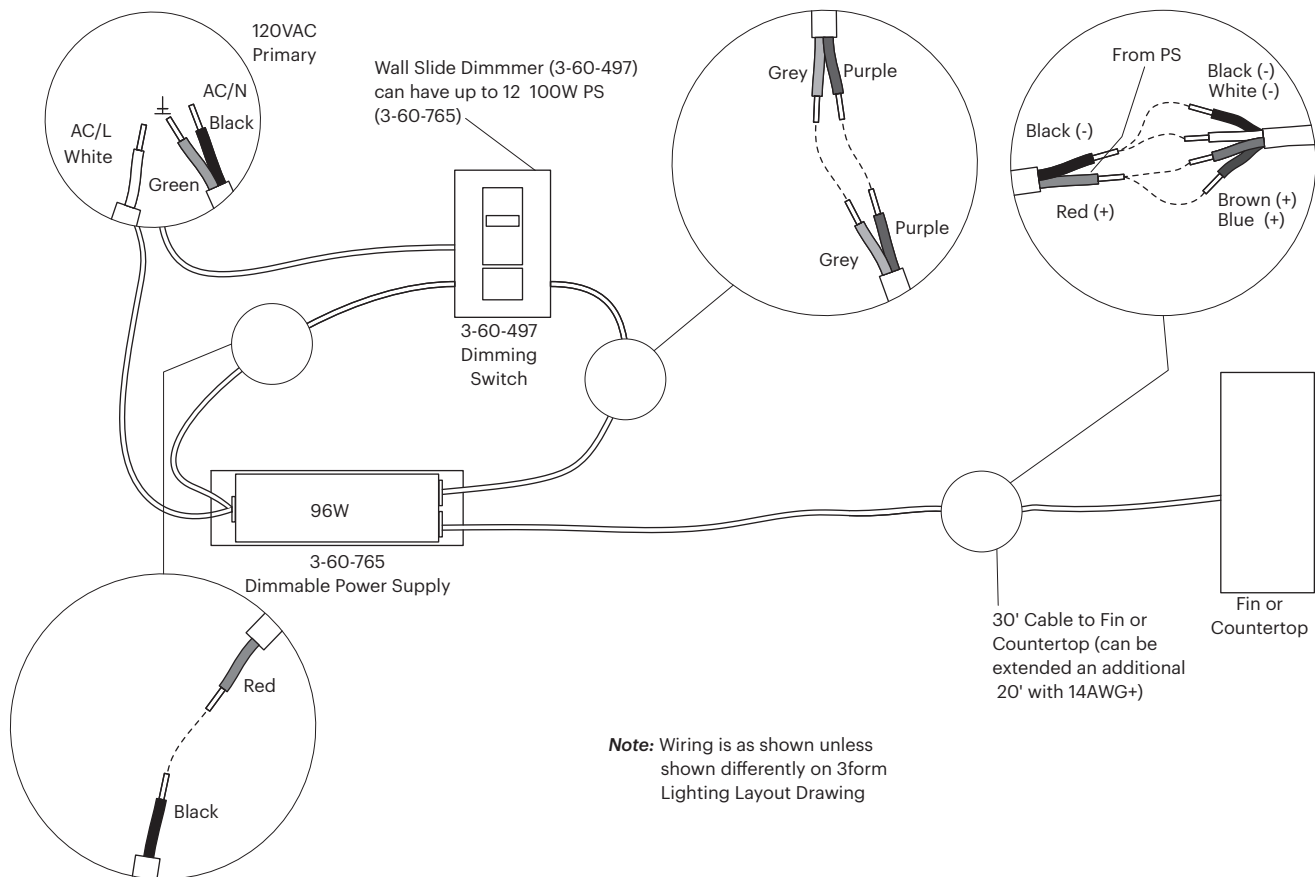
**Bottom View**

# Installation

## Wiring Diagram for White 3flex - No Dimming

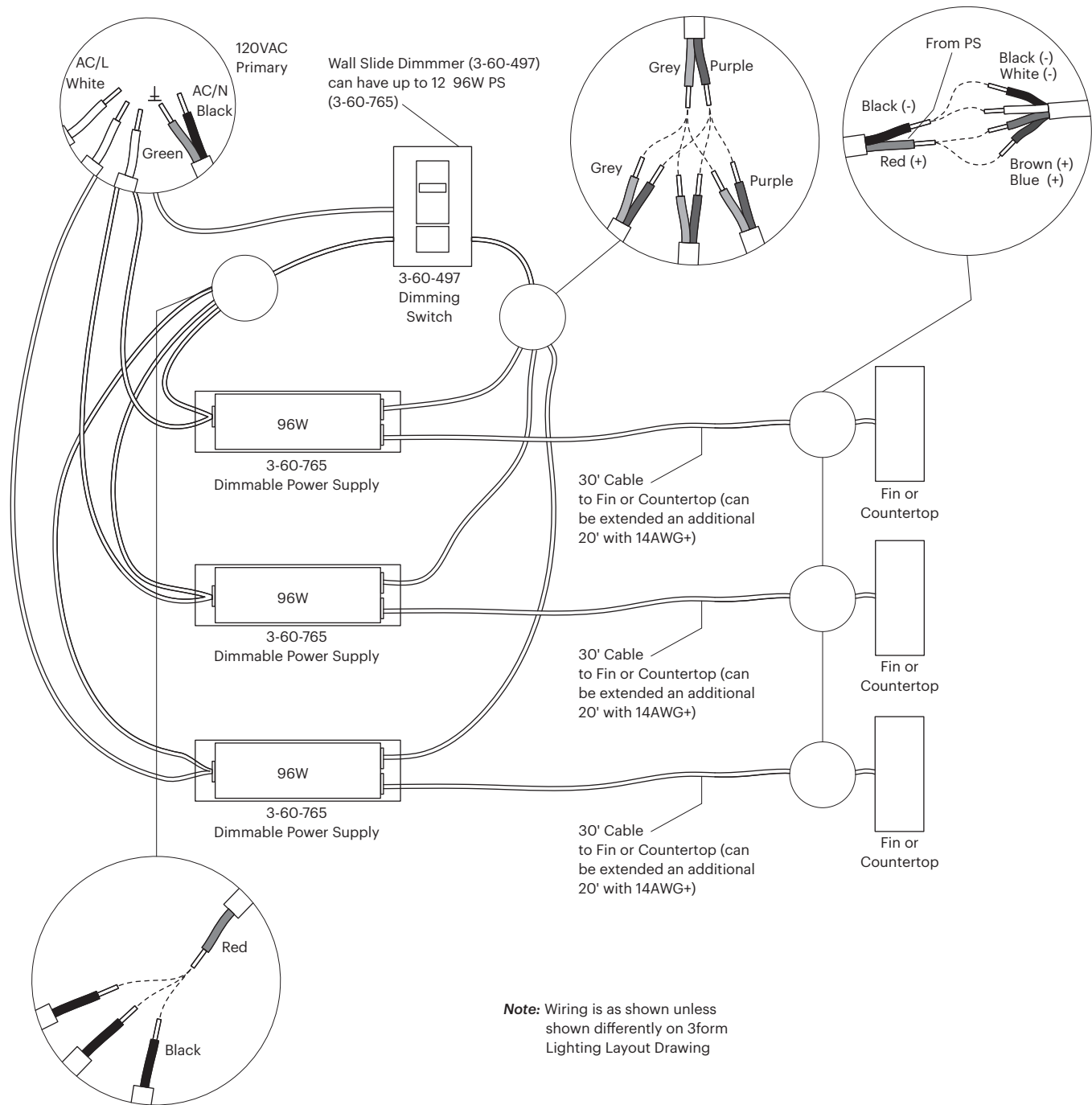


## Wiring Diagram for White 3flex - with Dimming <=100W



Installation

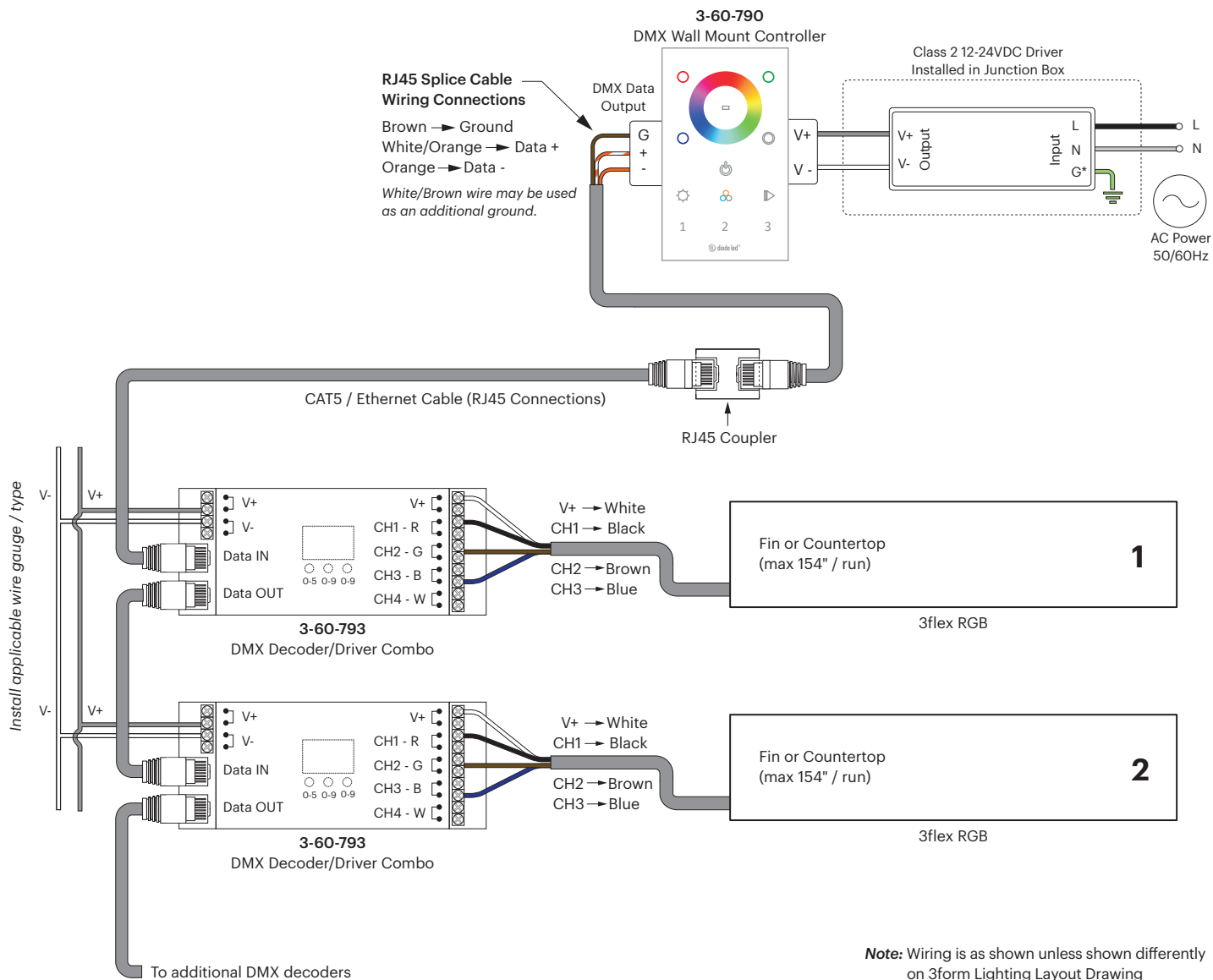
Wiring Diagram for White 3flex - with Dimming 100-1200W



## Installation

### Wiring Diagram for RGB 3flex

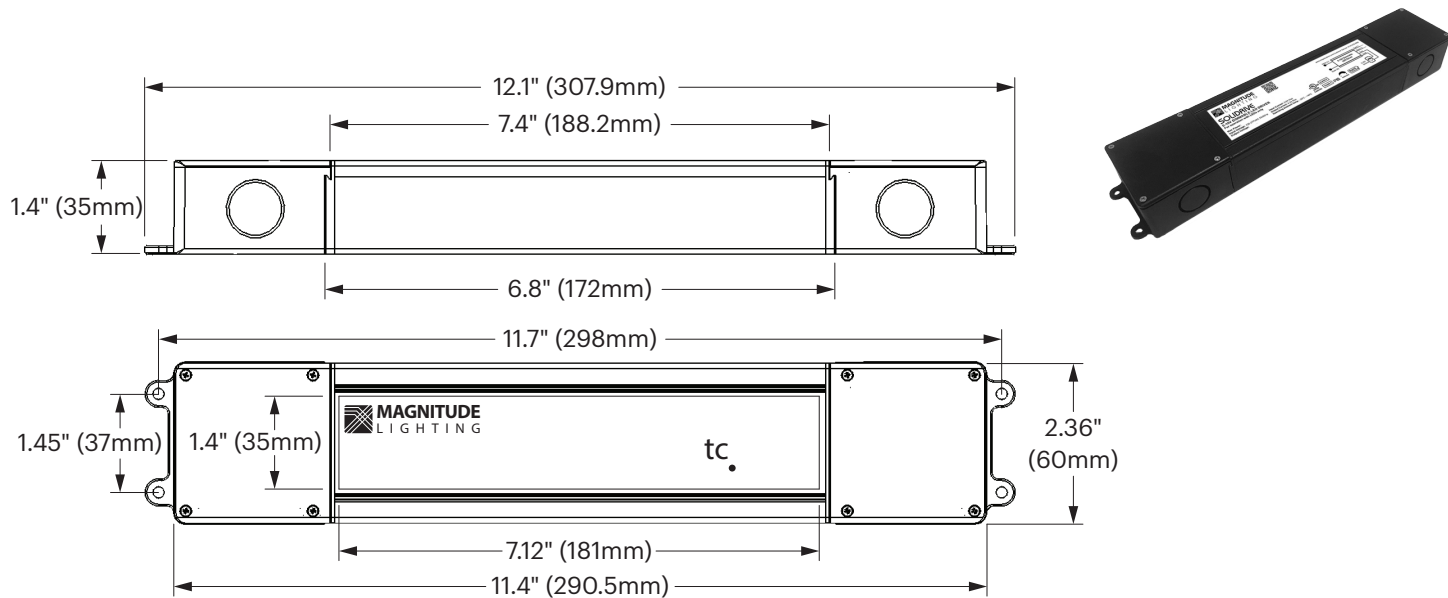
With DMX Decoder (3-60-793) and DMX Wall Controller (3-60-790) up to 154" of 3flex RGB



Multiple decoders can be controlled by one Wall Mount Controller. They can be daisy chained with CAT V cable to the DMX in/out ports with a simple RJ45 plug in connector.

A maximum of ×10 DMX Decoders may be connected together via RJ45 DMX Connection Ports.  
 DMX signal may be extended further by installing a DMX 8-Way Splitter (3-60-794).

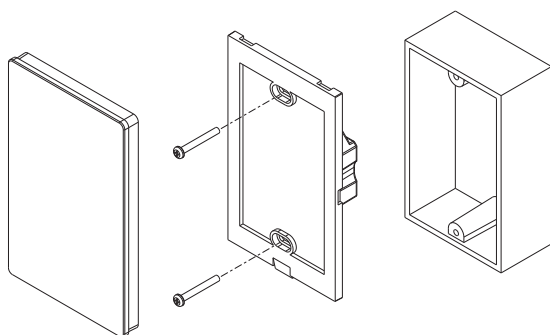
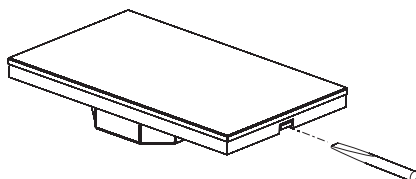
3-60-765 Dimmable Power Supply



## 3-60-790 DMX Wall Mount Controller

### Installation

Pop off faceplate with a flathead screwdriver and mount to a standard switch box.



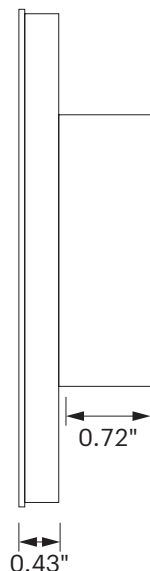
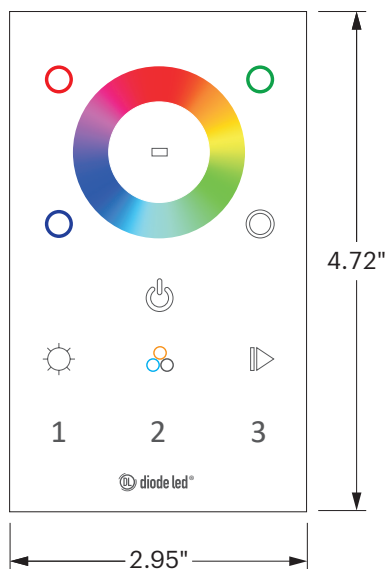
### Setting DMX Address

On the DMX Decoders, use the 3 buttons of the DMX start channel to adjust the values of the DMX address to **Zone 1**.

- a** To set the DMX address, press and hold 'button 1' for 2 seconds until numbers on display flash.
- b** Set to **CH1 - 001**.
- c** Once display stops flashing, DMX address is set.

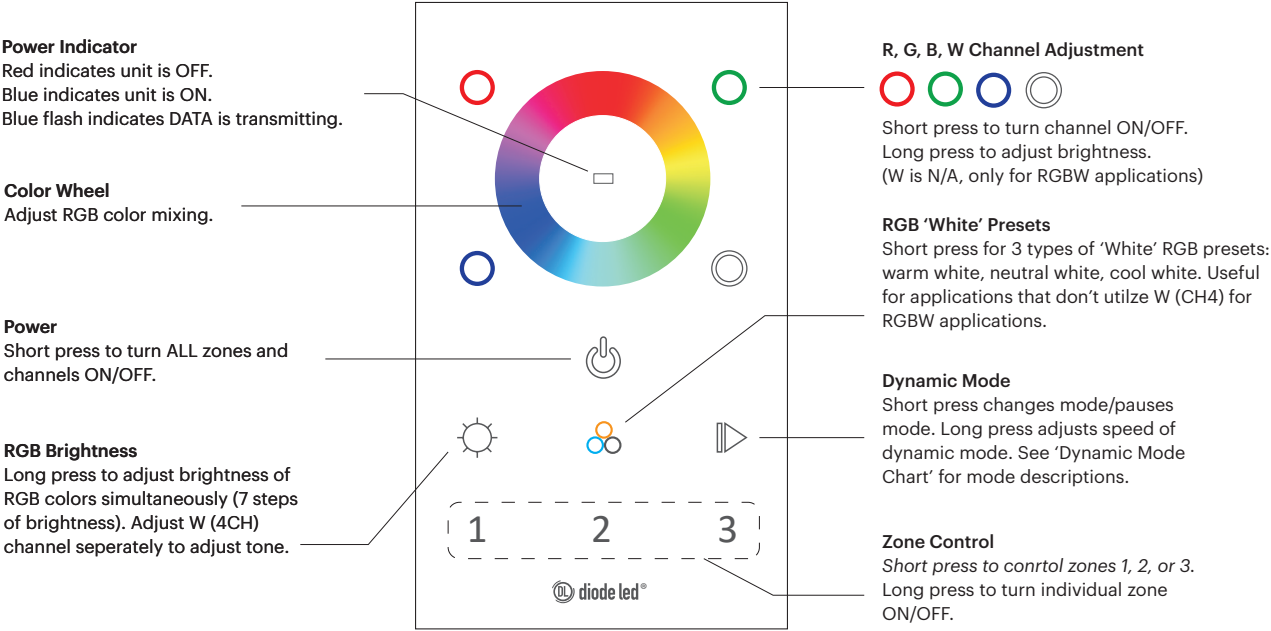
After setting the DMX address on the DMX Decoders, ensure to press Zone 1 on the DMX Wall Mount Controller.

### Dimensions



# 3-60-790 DMX Wall Mount Controller

## Operation



## Dynamic Mode Chart

The Dynamic Mode tool plays factory-programmed scenes.  
Choose up to 10 different scenes.

Mode	Description
1	Fade 1 - B M R O Y G C
2	Fade 2 - B G O W C M B
3	Fade 3 - R W C G C W B W
4	Skip 1 - R Y W C G W B M W Y
5	RGB Fade In/Out
6	RGB Fade In
7	RGB Fade Out
8	RGB Skip
9	Fade 4 - B M O G C
10	Fade 5 - W Y W M C W G W M C
11	All Channels Off