

# Vector Frame Dynamic Light Box Rectangle 04

## VF-DYCL-LB-R-04

Vector Frame™ Dynamic Light Boxes feature 100mm (4") aluminum extrusion frames, a single-sided Intensity push-fit backlit fabric graphic and animated, programmed LED lighting. The light pattern and timing is customized to bring the display to life. Stock animations are also an option.



## features and benefits:

- 100mm (4") silver extrusion frame
- Programmed, animated LED light curtains run the height of the frame
- Single-sided backlit Intensity push-fit fabric graphic with opaque liner
- Easy assembly
- Custom or standard animation options available
- Comes packaged with one OCE wheeled molded case for transport and storage
- Lifetime frame warranty against manufacturer defects
- 90 day light warranty

## dimensions:

### Hardware

### Graphic

Assembled unit:  
114.17" w x 94.74" h x 19.69" d  
2900mm(w) x 2406mm(h) x 500mm(d)

Refer to related graphic template for more information.

Approximate weight without case:  
106 lbs / 49 kgs

One year graphic warranty

Visit:  
<https://www.theexhibitorshandbook.com/download-graphic-templates>

### Shipping

## additional information:

Packing case(s):  
1 OCE

Graphic material:  
Backlit Intensity push-fit fabric graphic & opaque backer

Shipping dimensions:  
OCE: Expandable case length (l) may vary  
40" - 66" l x 18" h x 18" d  
1016mm-1677mm(l) x 458mm(h) x 458mm(d)

Lighting Power Requirements:

Watts:	Amps:	Volts:
600W	12A	115-230V

Approximate case shipping weight:  
24 lbs / 11 kg

When included in a larger order, a different packaging solution will be provided to accommodate all contents of the order. Individual packaging may no longer be provided.

Approximate total shipping weight (includes cases & graphics):  
138 lbs / 63 kgs





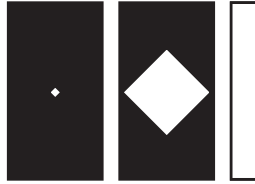

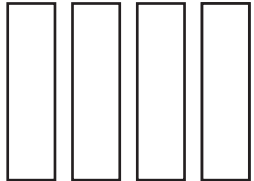
This product may include the following materials for recycle:  
aluminum, select wood, fabric, cardboard, paper, steel, and plastics.

We are continually improving and modifying our product range and reserve the right to vary the specifications without prior notice. All dimensions and weights quoted are approximate and we accept no responsibility for variance. E&OE. See Graphic Templates for graphic bleed specifications.

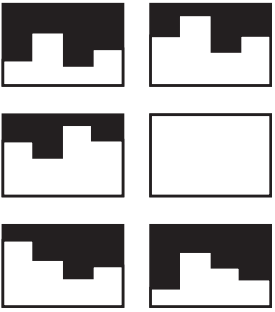
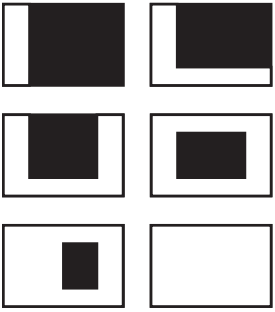
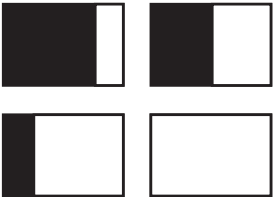
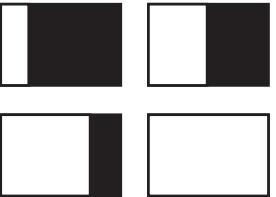
# Standard Animation Options

## DYN-STOCK-DESIGN-

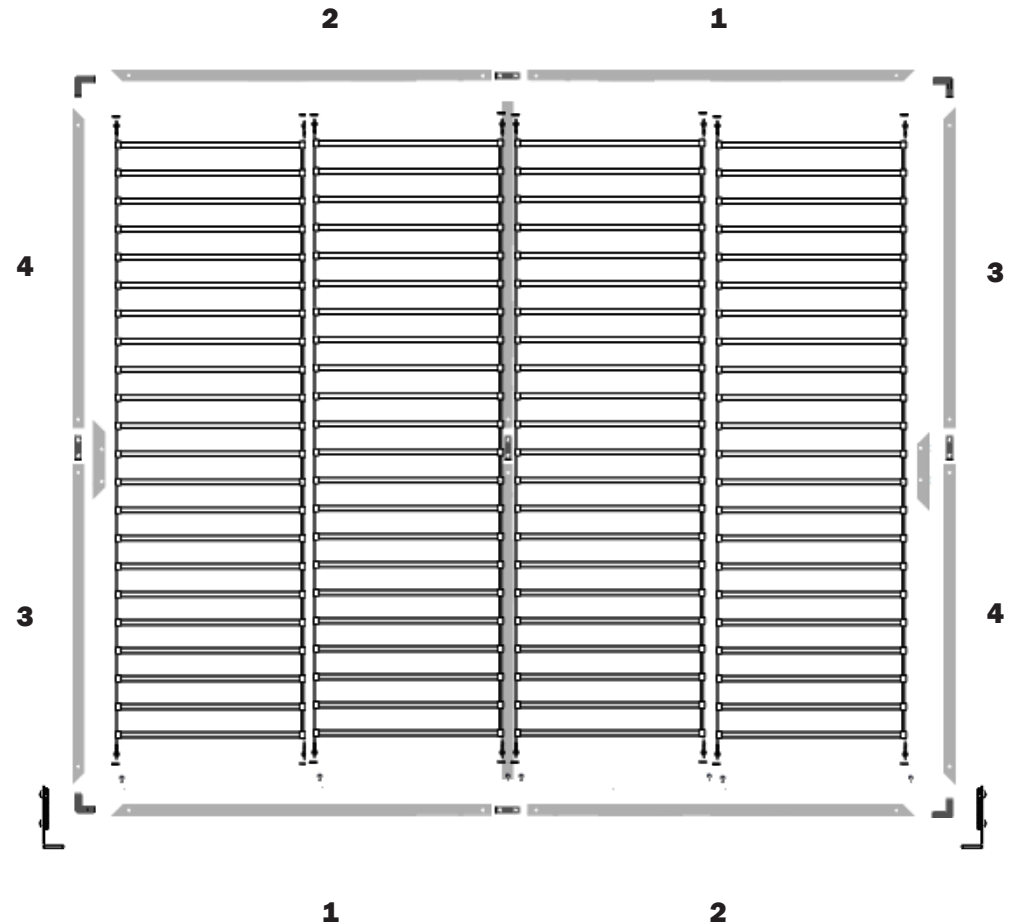
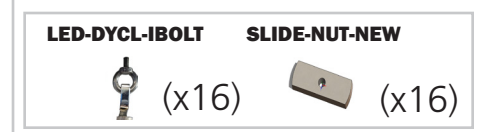
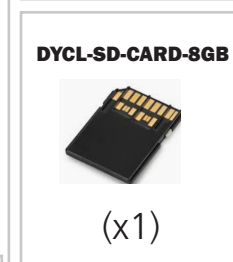
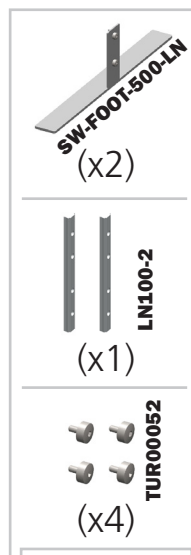
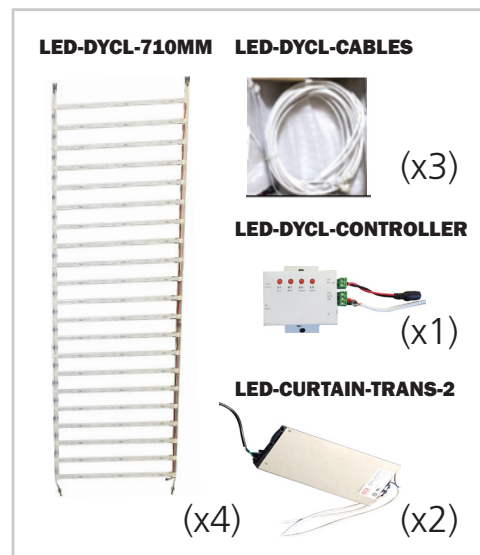
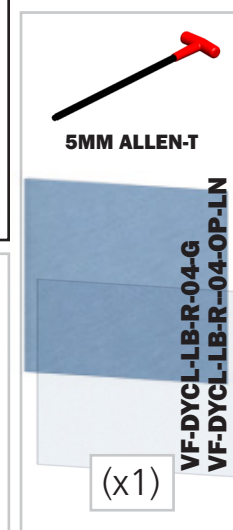
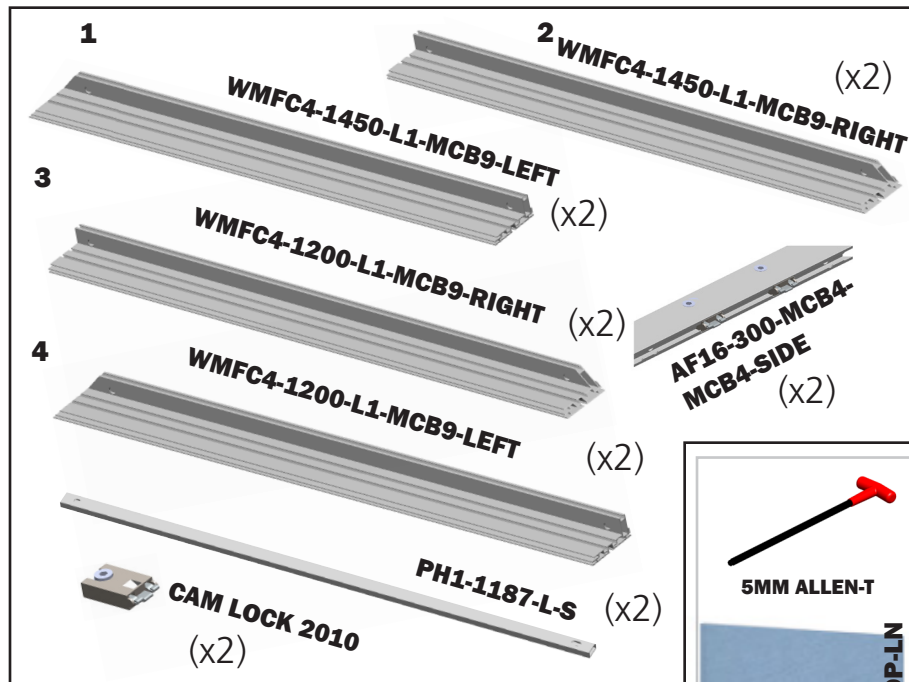
Applies to all sizes

<p>Cascade <b>CASCADE</b></p> 	<p>Lift Off <b>LIFTOFF</b></p> 	<p>Diamond <b>DIAMOND</b></p> 	<p>Firework <b>FIREWORK</b></p> 
<p>All Lights <b>ALL-LIGHT-ON</b></p> 			

Applies to 8' / 10' sizes only

<p>Noise <b>NOISE</b></p> 	<p>Snake <b>SNAKE</b></p> 	<p>Wave Left <b>WAVE-L</b></p> 	<p>Wave Right <b>WAVE-R</b></p> 
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# Included In Your Kit

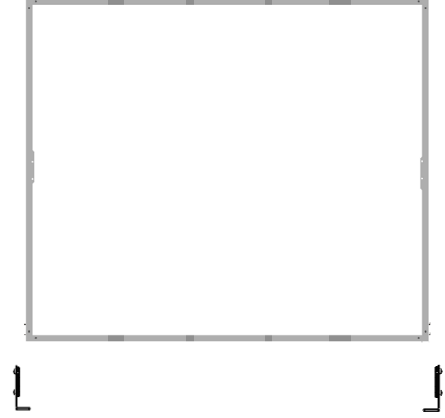
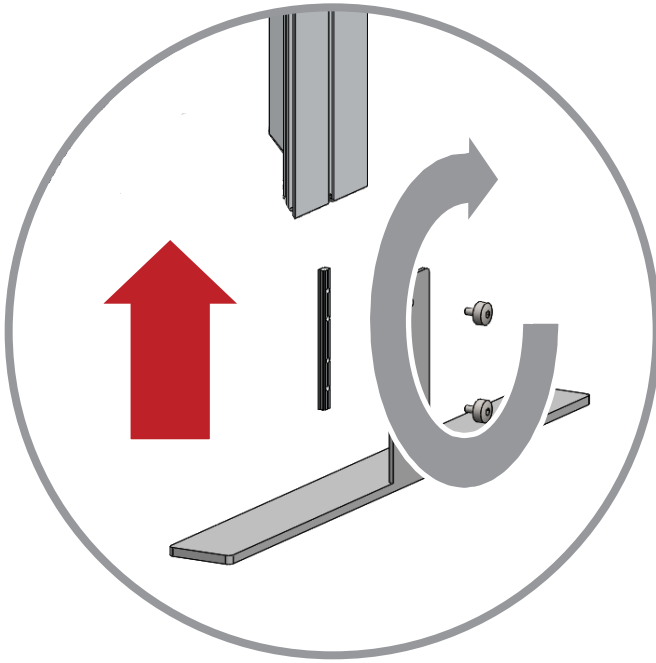


# Frame Assembly

## Step 1

Slide the LN100-2 into the WMFC4 Outer channel then attach the SW-FOOT-500-LN to it via the thumb screws. Repeat for both sides.

1

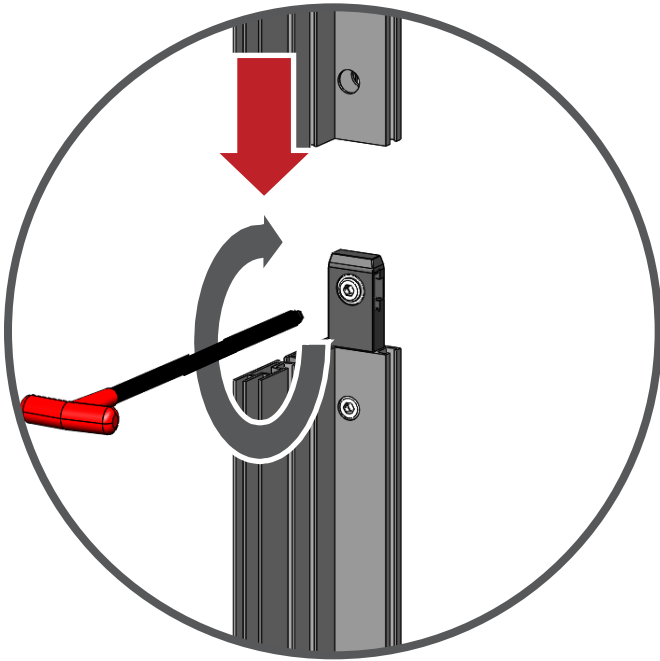


# Frame Assembly

## Step 2

Slot the IB2 into both sides of the WMFC-4-1200 and tighten. Repeat for both sides.

2



WMFC4-1200-L1-MCB9-RIGHT

WMFC4-1200-L1-MCB9-LEFT



WMFC4-1200-L1-MCB9-LEFT

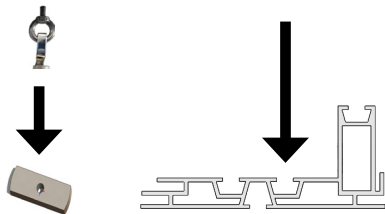
WMFC4-1200-L1-MCB9-RIGHT



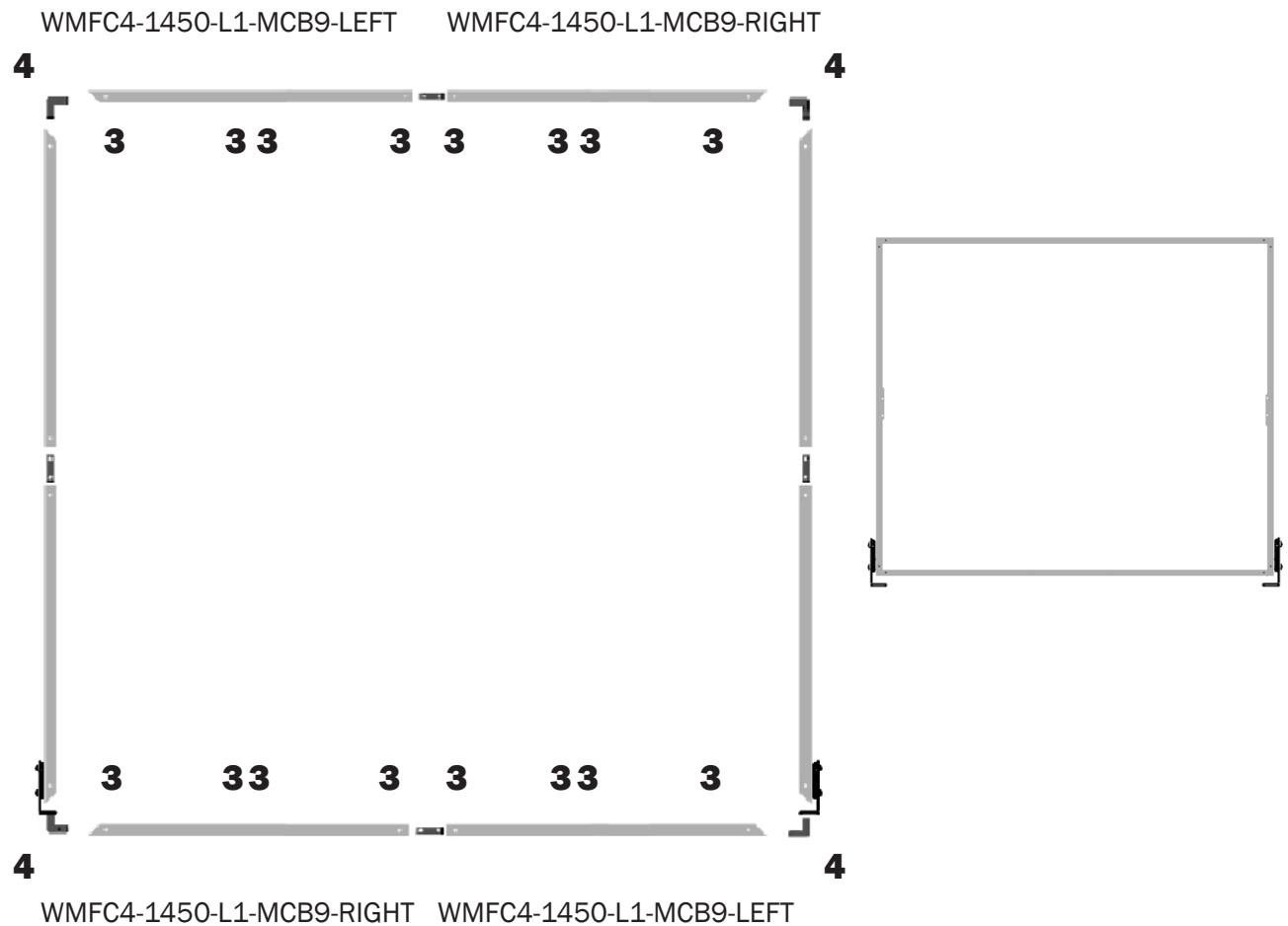
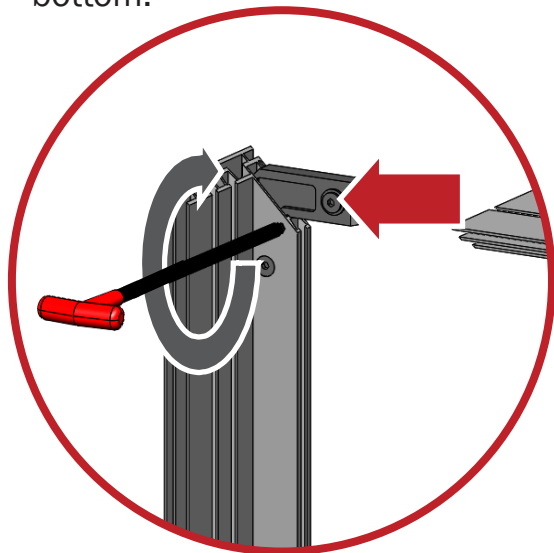
# Frame Assembly

## Step 3 and 4

**3** Thread each of the LED-DYCL-IBOLTs through a SLIDE-NUT-NEWS. Slide the connected pieces through the middle channel of both MCB9-MCB9s. The spacing can be adjusted when the curtains are attached.



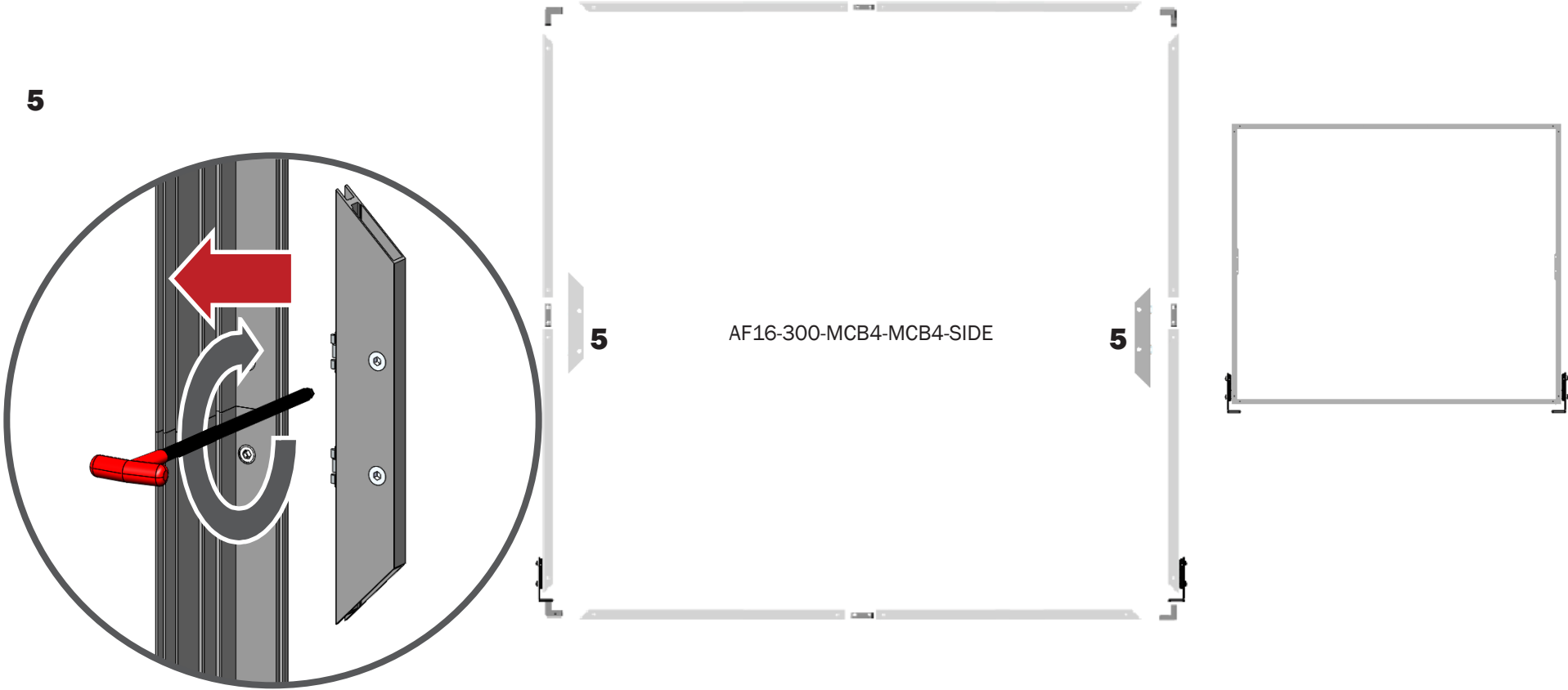
**4** Slot the CB9 into both the WMFC4-1200 and WMFC4-760 then tighten. Repeat for both sides and top and bottom.



# Frame Assembly

## Step 5

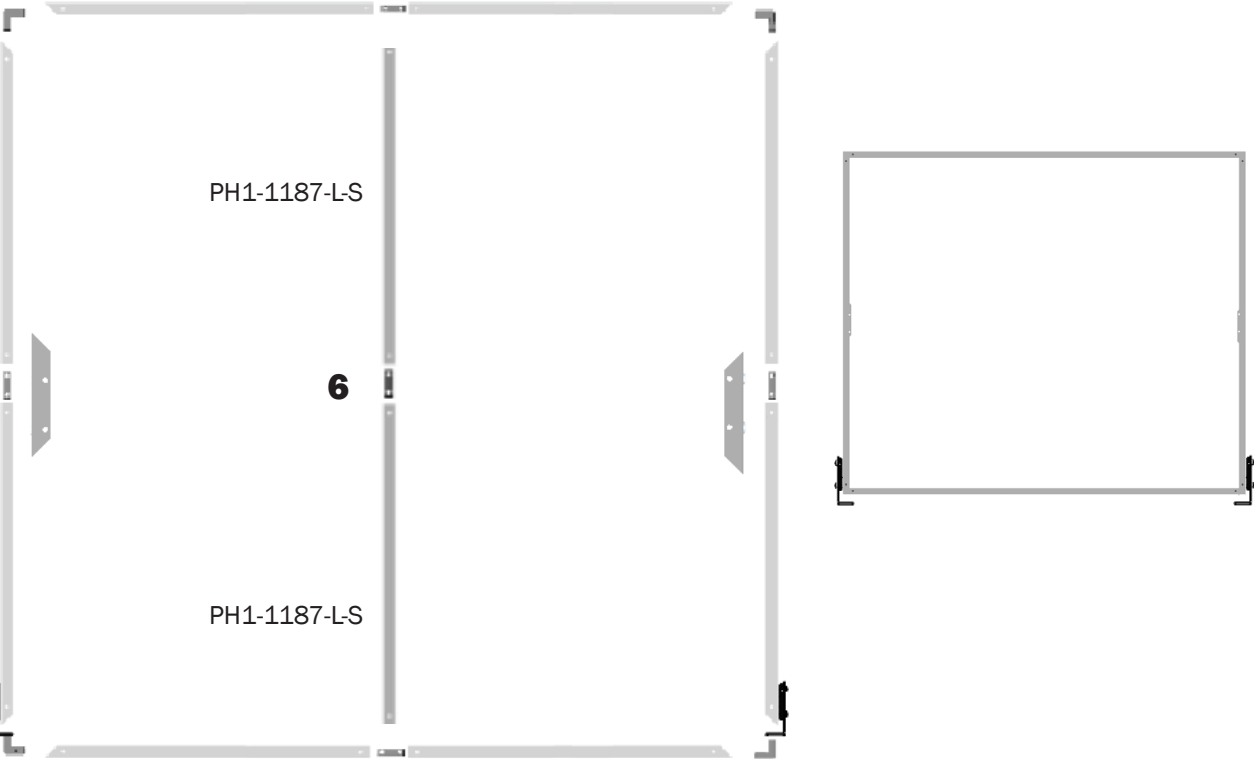
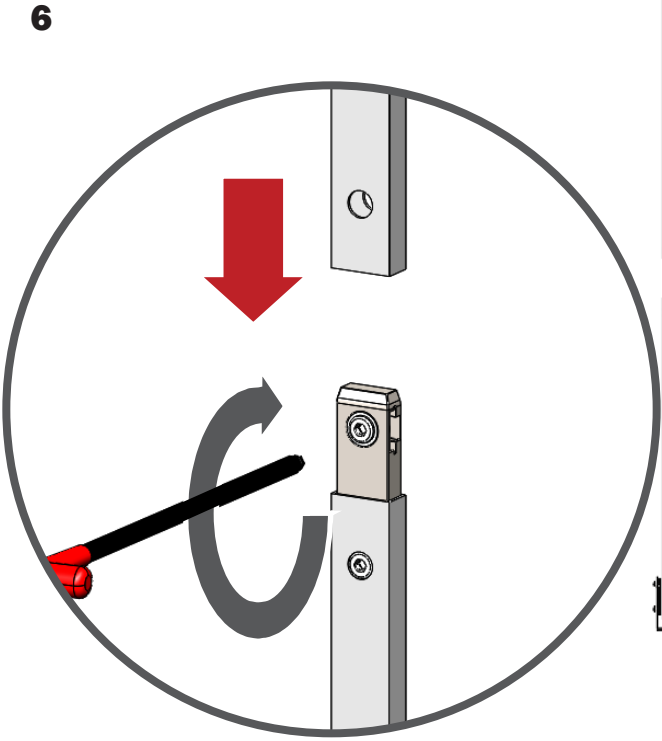
Attach the AF16 to both WMFC4-1200s. Repeat for both sides.



# Frame Assembly

## Step 6

Slot the IB2 into both sides of the PH1-1187 and tighten.



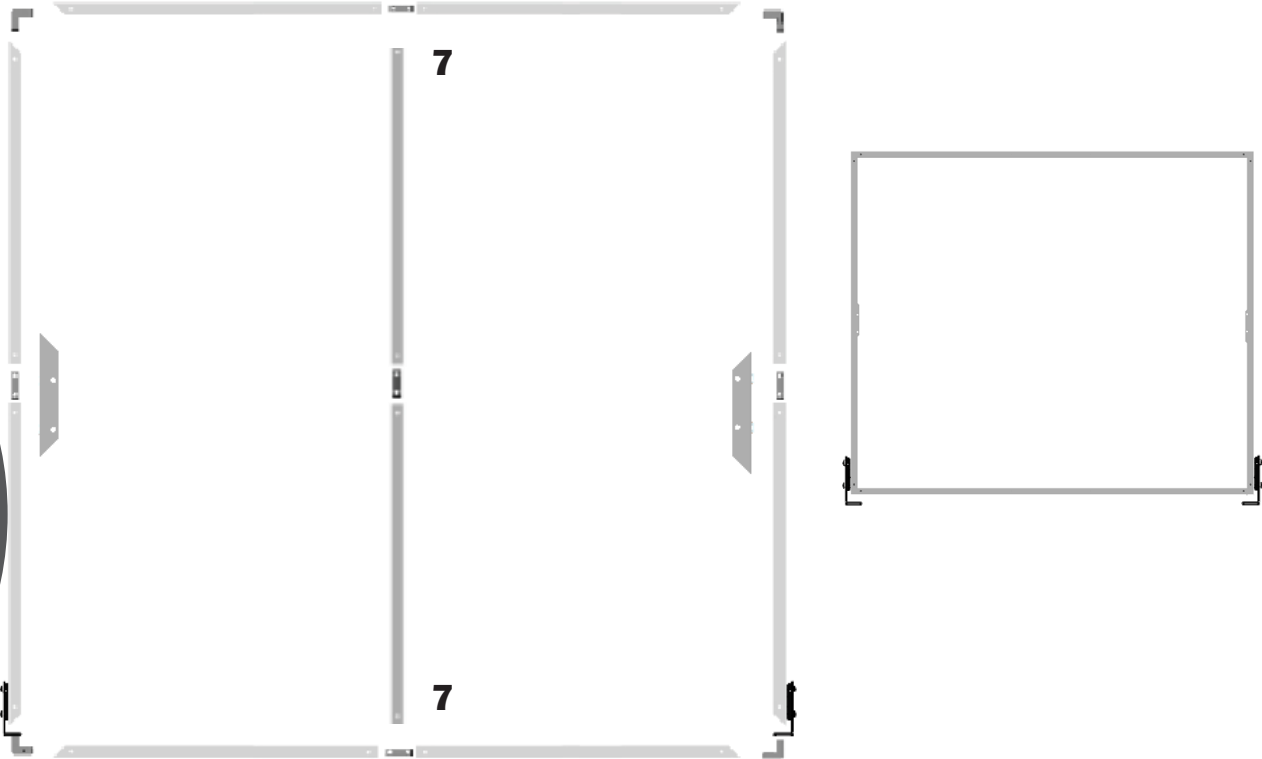
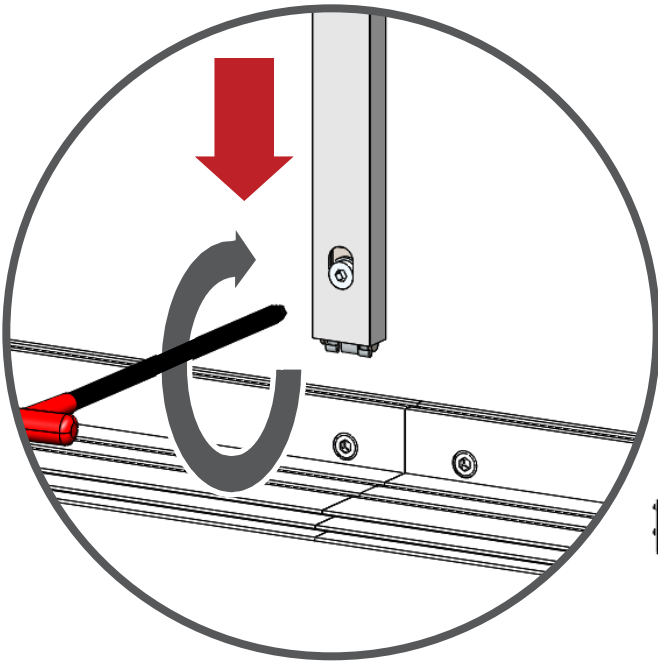


# Frame Assembly

## Step 7

Slide the PH1-1187 into the WMFC4 second Inner channel then attach to it via CAM LOCK. Repeat for both sides.

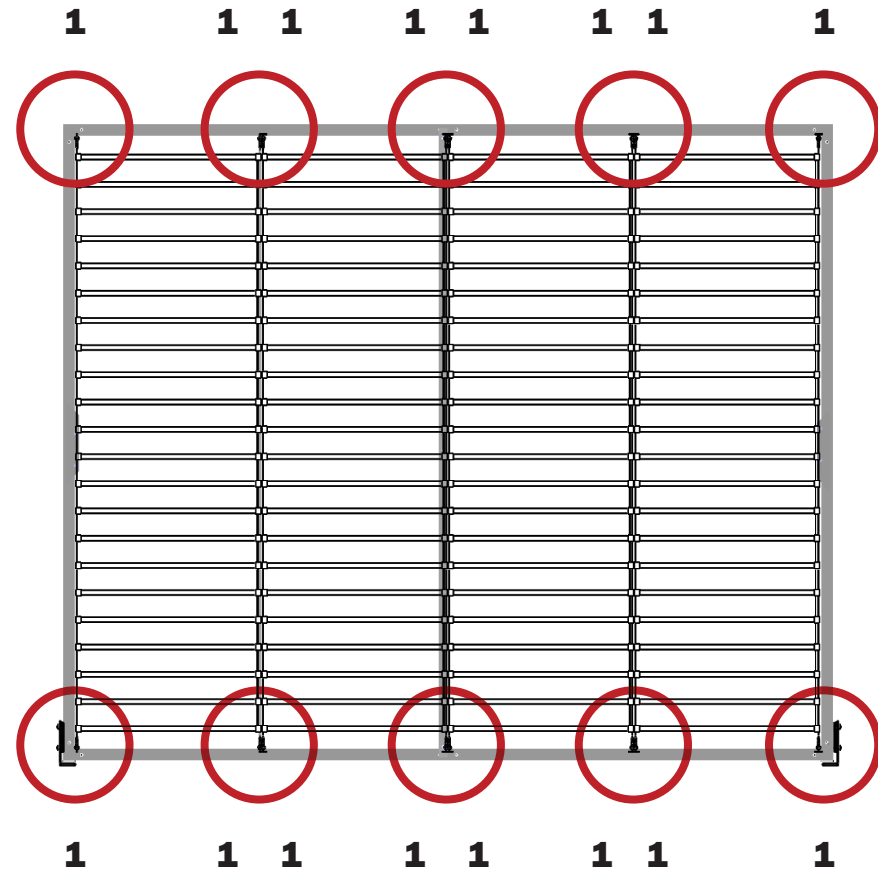
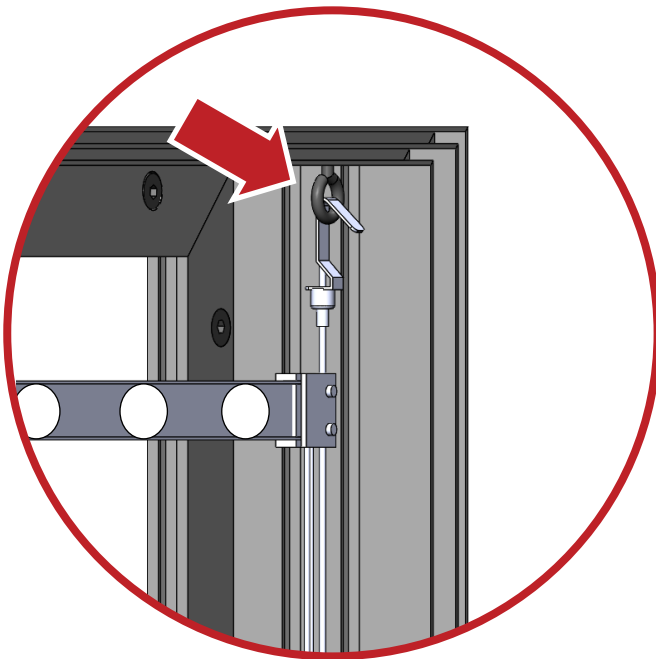
7



# Light Curtain Attachment

Unfurl the preassembled light curtain and hang from the LED-DYCL-IBOLTS, ensuring the “UP” label is at the top of the frame, and the “DOWN” label is at the bottom.

**1**

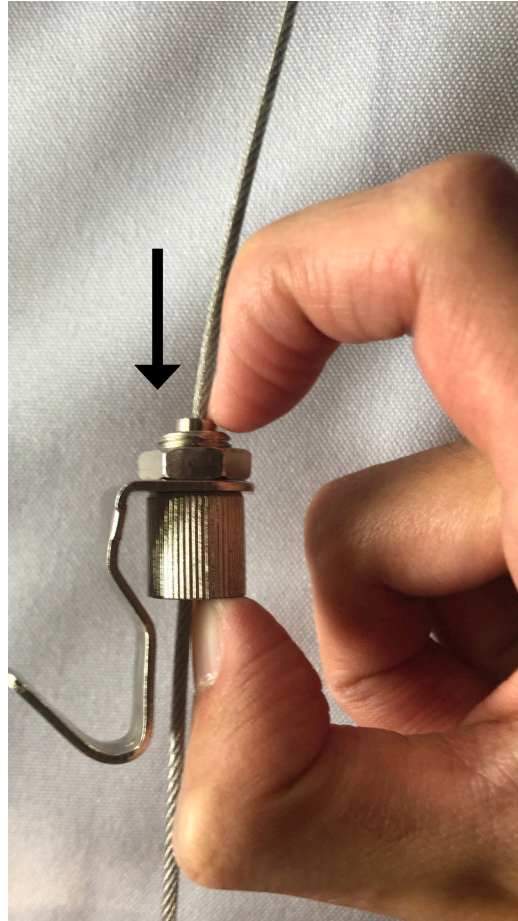


See next page for in-depth guide on how to adjust the curtain hooks, especially to reduce slack at the bottom of the frame.

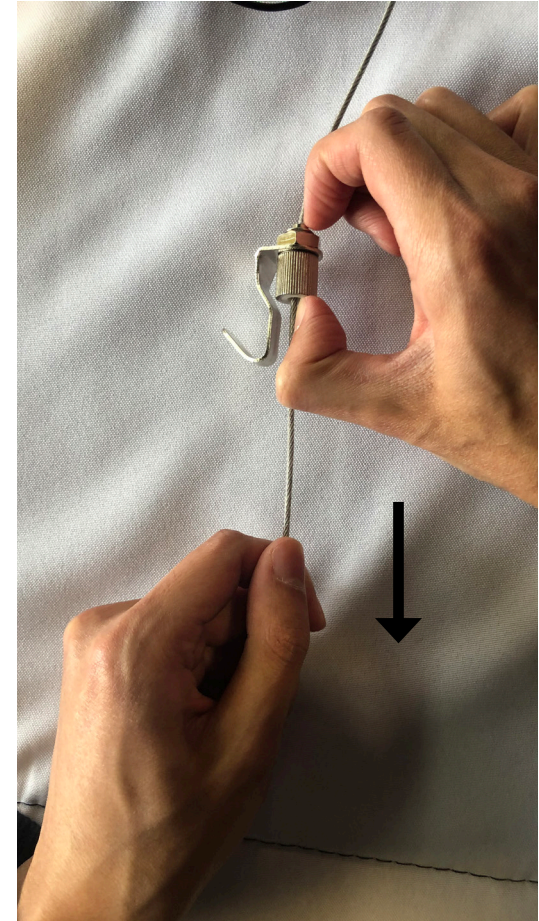
# Adjusting Light Curtain Tension



**Step 1**  
Locate the curtain light hook button.



**Step 2**  
Press down on the button releasing pressure from the curtain light cable.



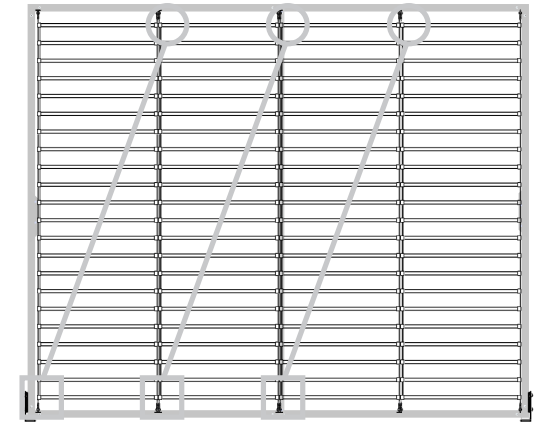
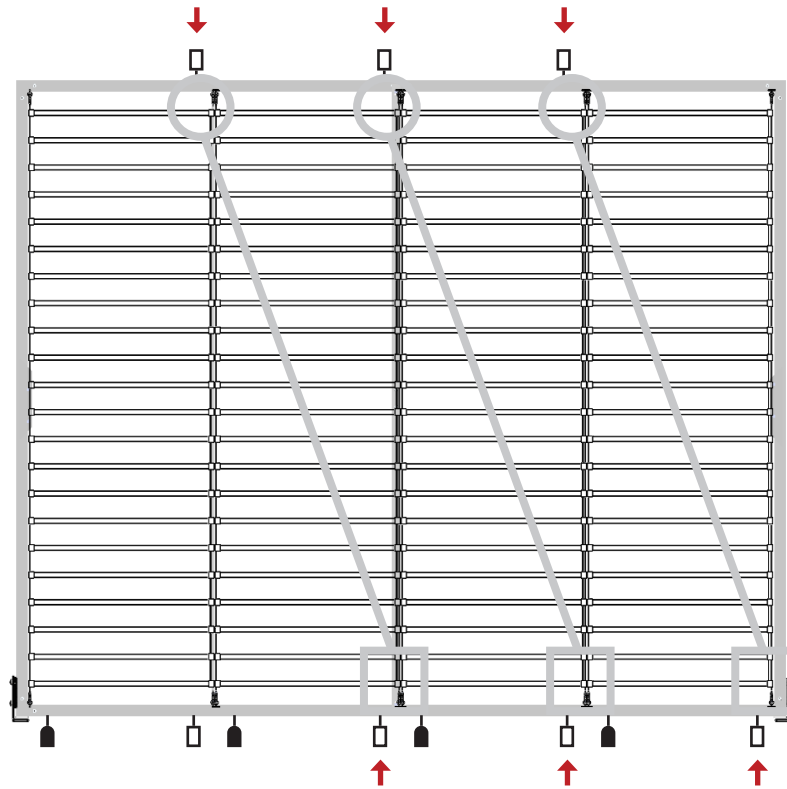
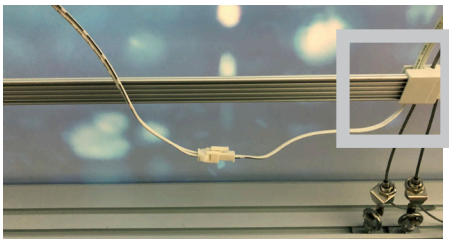
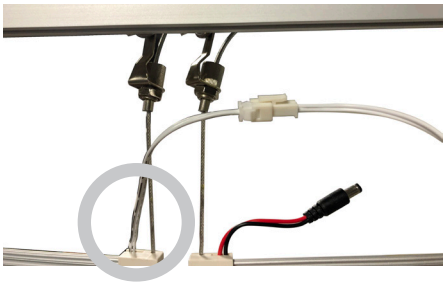
**Step 3**  
While pressing down on the button pull the cable away from the curtain light to tighten or release tension.

# Light Connection

Connect the light curtains together with the LED-DYCL-CABLES;

From the back of the frame, start at the top-right corner of the left-most curtain and connect the LED-DYCL-CABLE to the bottom-right corner of the next adjacent curtain, as shown to the right.

Then repeat, starting at the top-right of the newly bottom-connected curtain, for all remaining curtains.



Front View

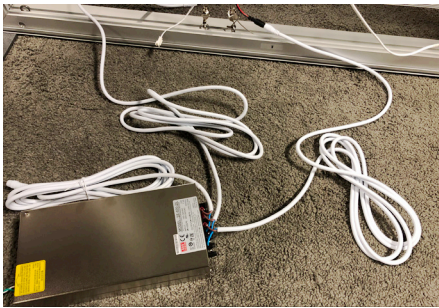
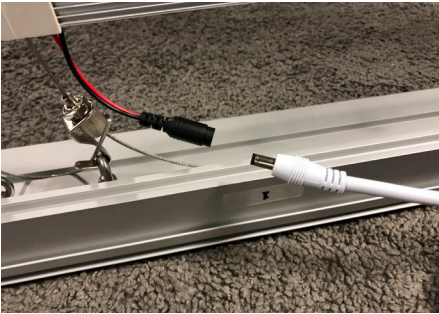
Back View



# Power Connection

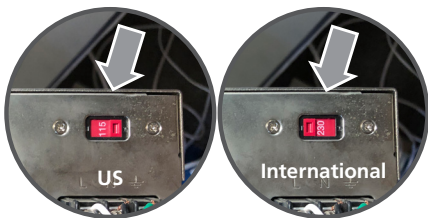
Connect the light curtains to the transformers for power;

From the back of the frame, plug in the black plug of the light curtains to the transformer plugs.



Connect the controller to a transformer for power (see image on the right);

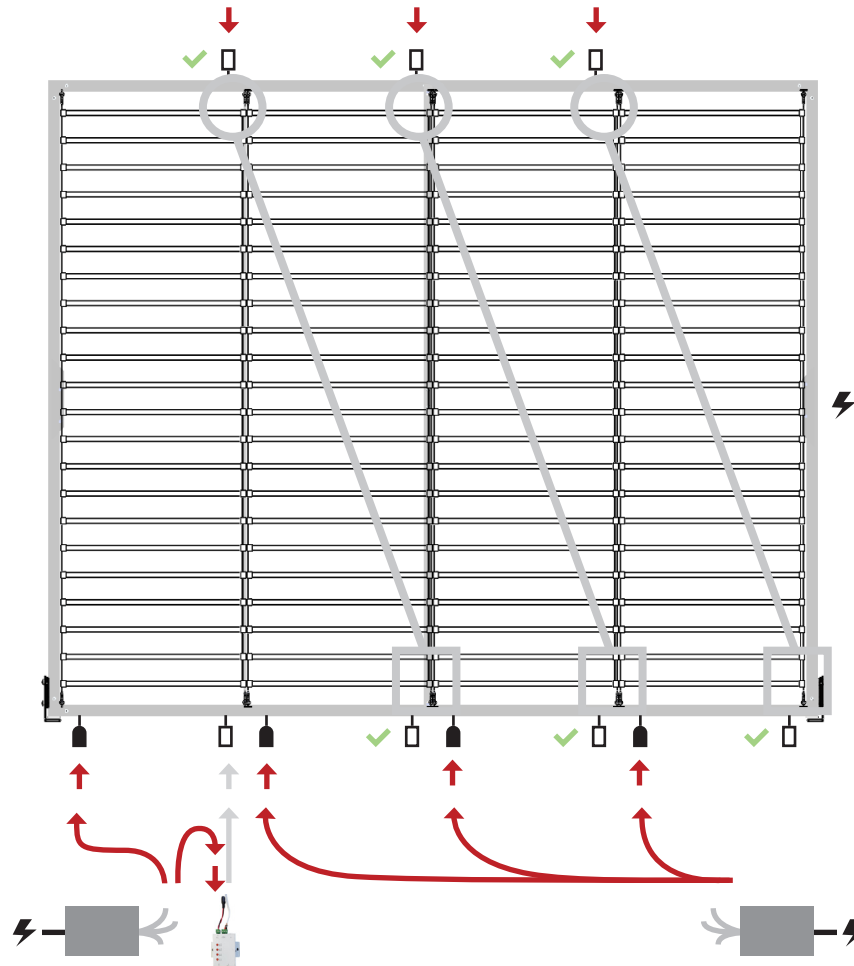
From the back of the frame, plug in the black plug of the controller to the transformer plugs.



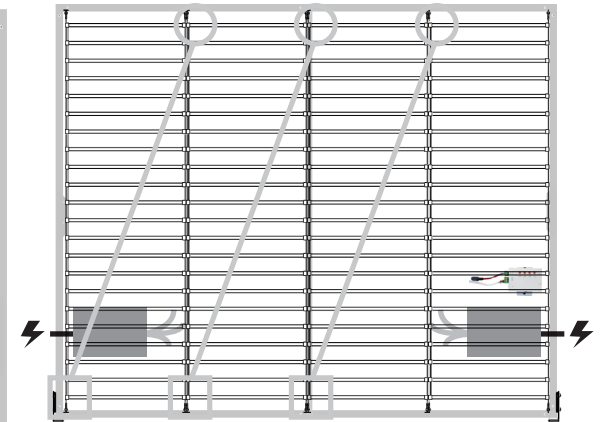
Set transformer to appropriate voltage:

US: 115v

International: 230v

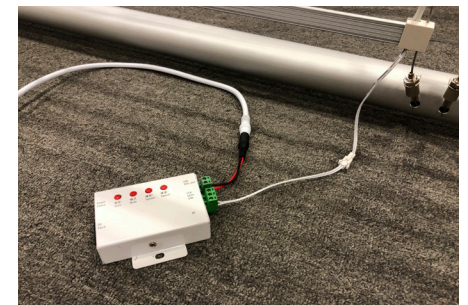


Back View

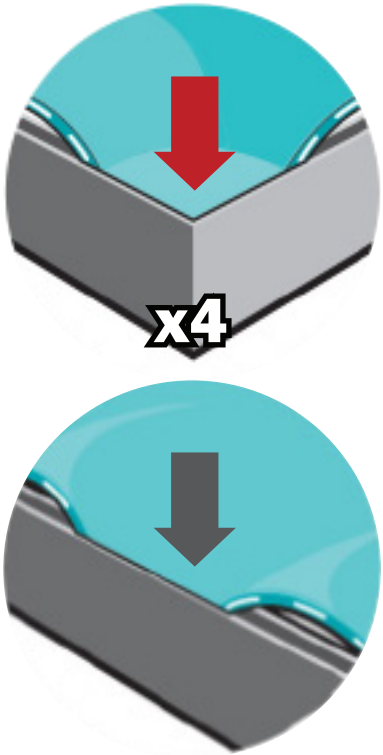


Front View

**Important:** the controller must be connected to the right-most light curtain from the front (left-most from the back) for the animation to operate correctly.

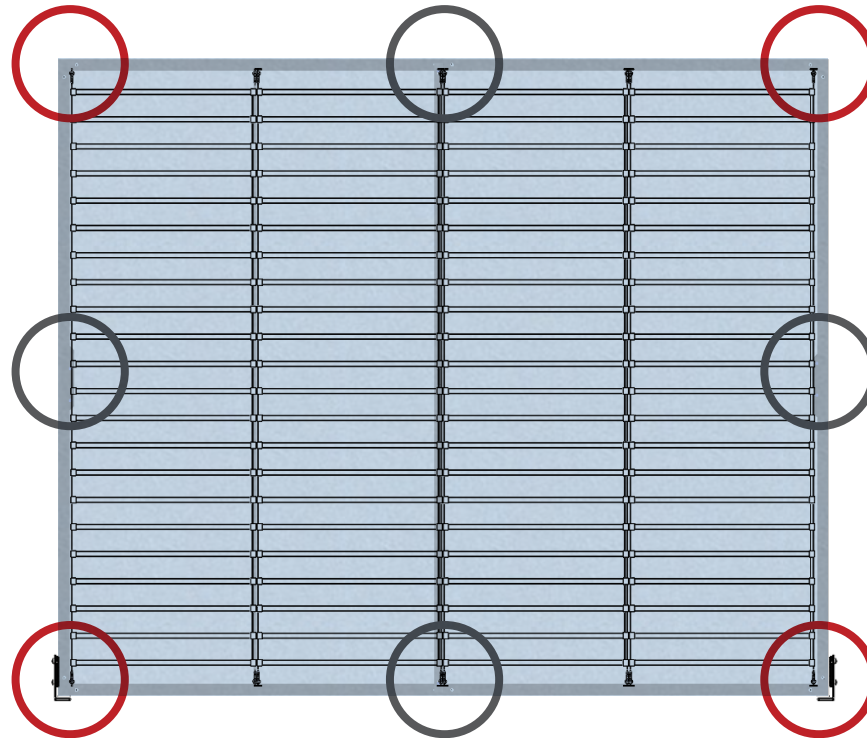


# Back Liner Attachment

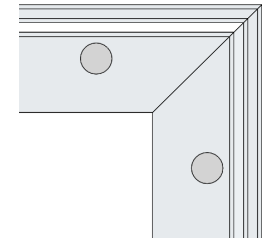


Fit backer into corners,  
then "tap" into rest  
of frame channel.

"Sliding down" backer  
is not recommended  
for best installation.



Back liner



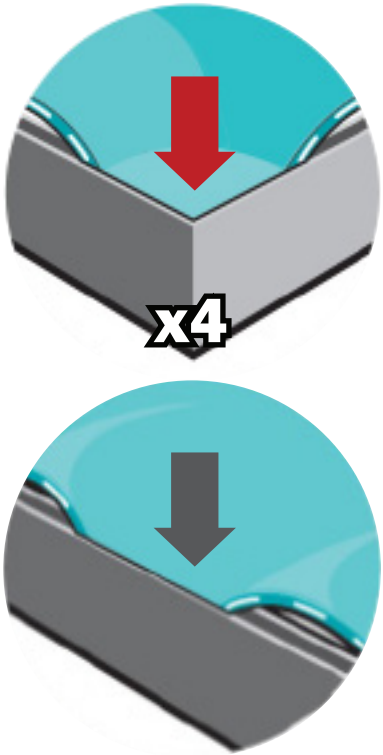
Liner  
channel

Front



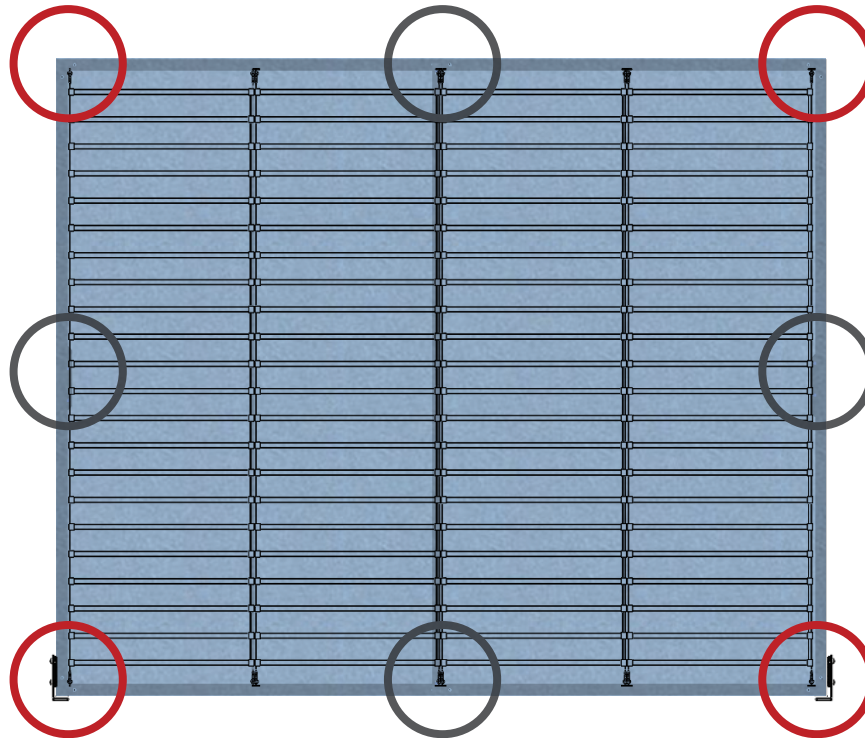
Back

# Front Graphic Attachment

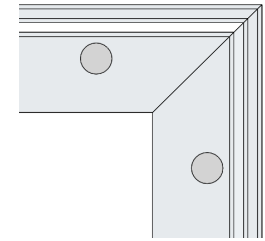


Fit front graphic into corners, then "tap" into rest of frame channel.

"Sliding down" front graphic is not recommended for best installation.



Front Graphic



Graphic channel

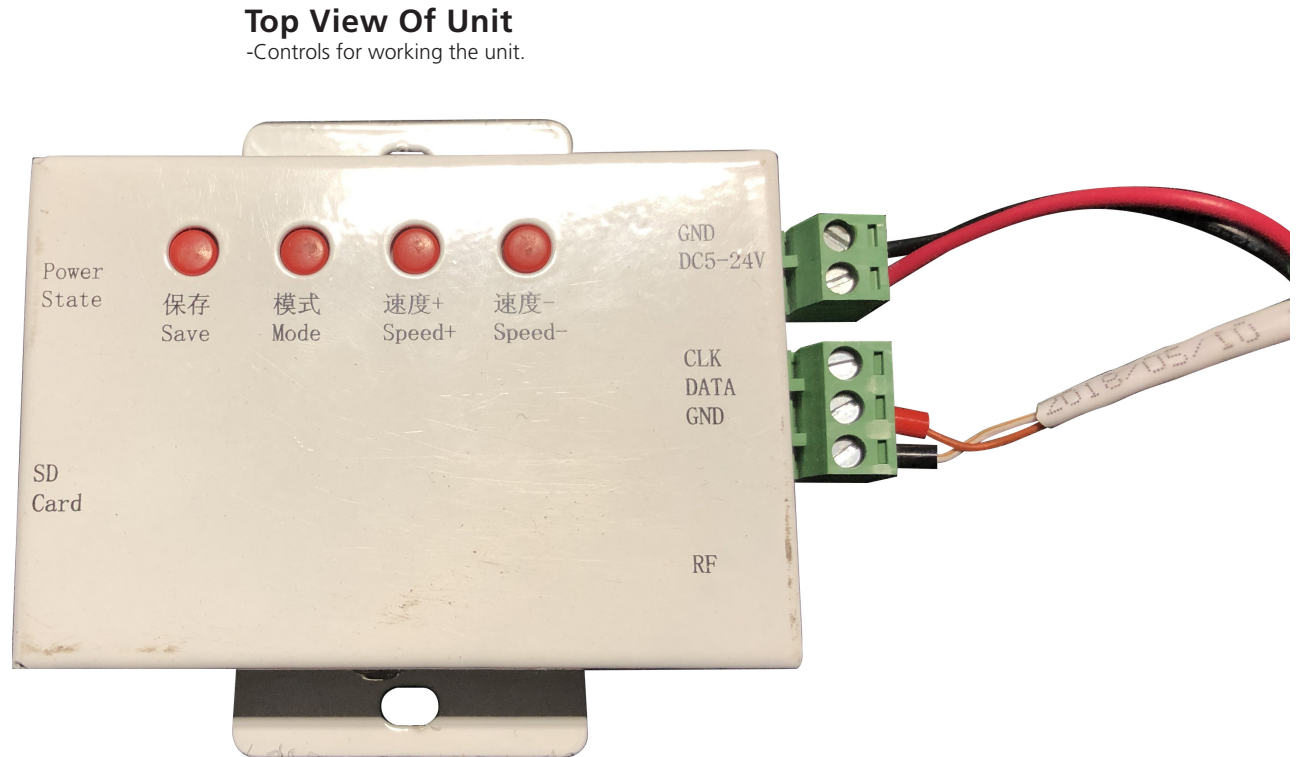
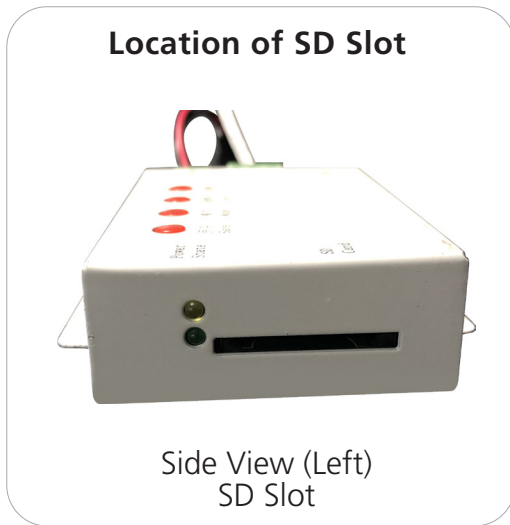
Front



Back



# Dynamic Curtain Light Controller



Save:  
Unused

Mode:  
Unused

Speed+:  
Increase the speed  
at which the  
animation runs

Speed-:  
Decrease the speed  
at which the  
animation runs