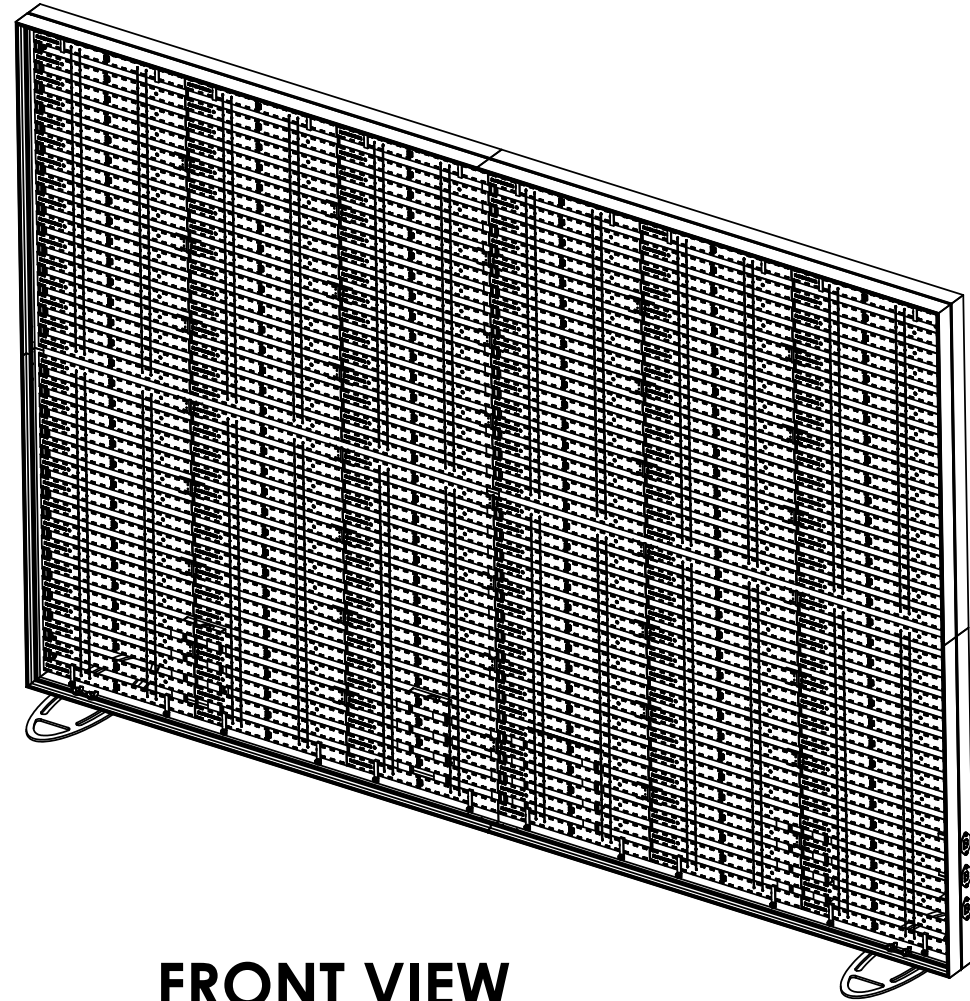
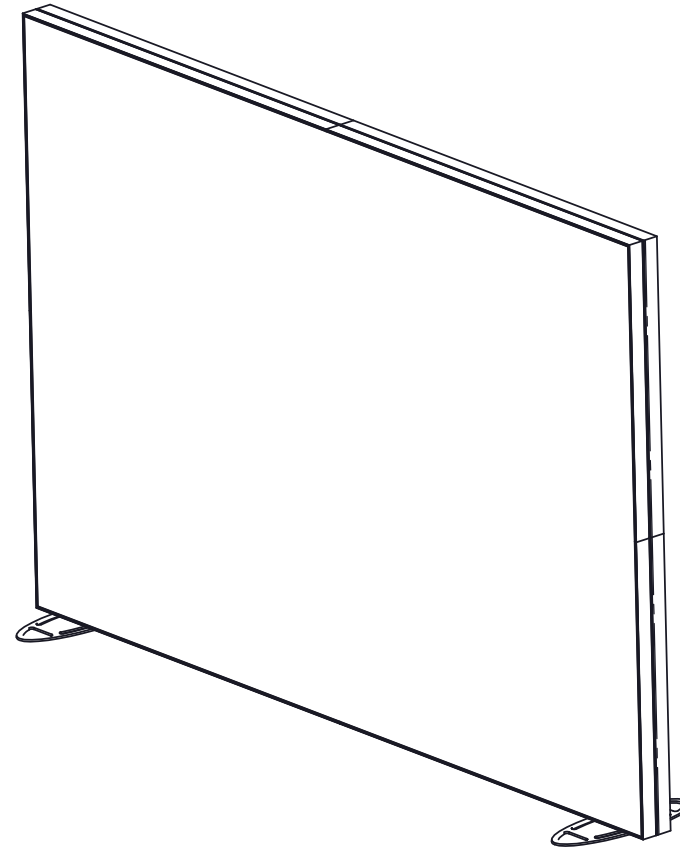


# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS

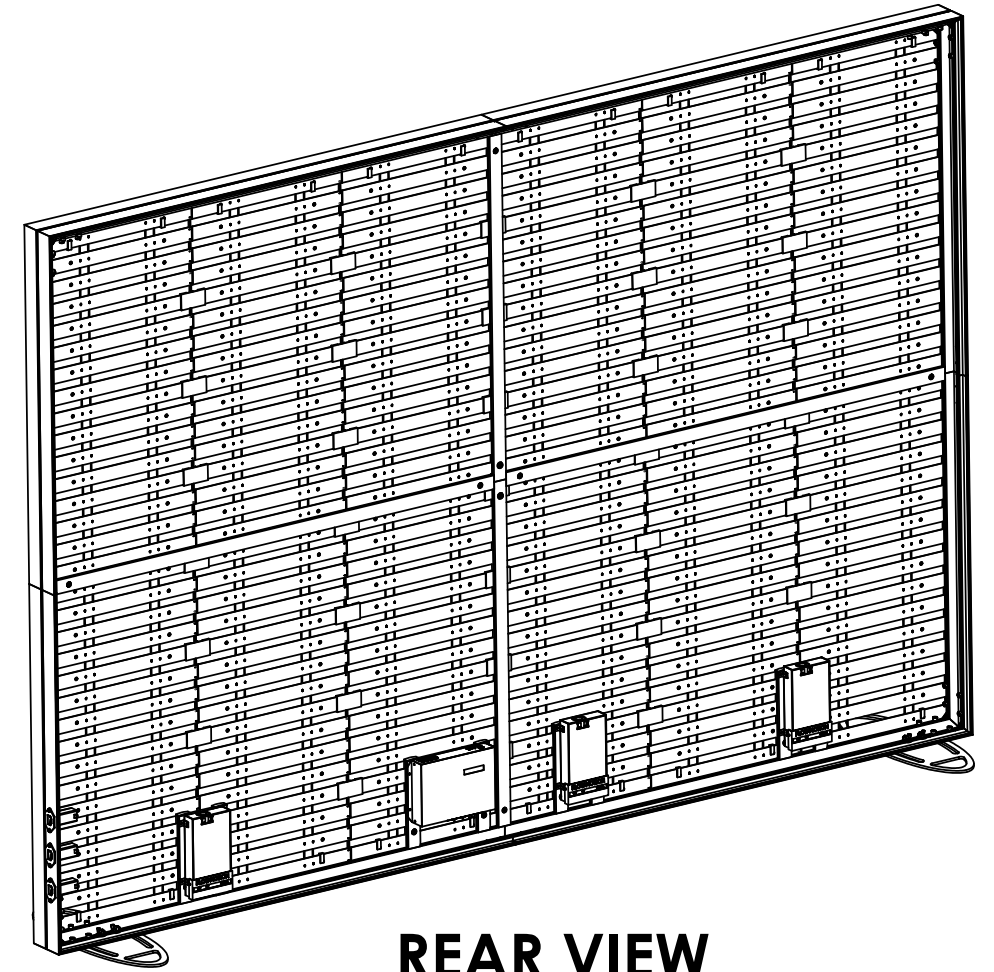
**PLEASE REFER TO LAST PAGE OF  
MANUAL FOR SEG INSTRUCTIONS**



**FRONT VIEW**




**GRAPHIC VIEW**



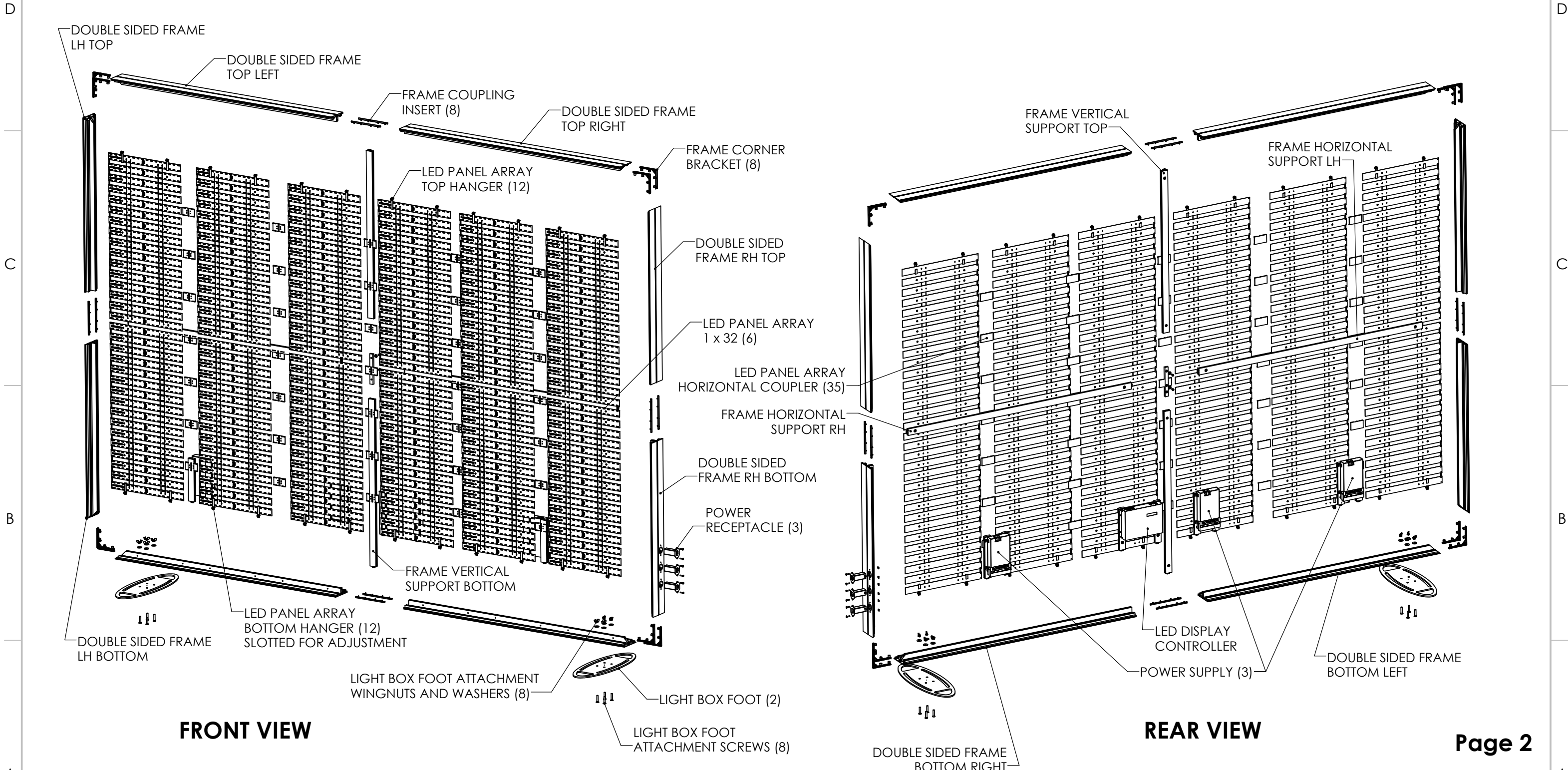
**REAR VIEW**

## SET-UP MANUAL



DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		 <b>NIEDO GROUP, INC.</b> 5465 SW WESTERN AVE. BEAVERTON, OR 97005	
TITLE <b>120" X 82" FLOW-MOTION LIGHT BOX          SET UP INSTRUCTIONS</b>		SHEET <b>1</b>	
SIZE <b>B</b>	DWG. NO.	REV. <b>-01</b>	SCALE: NA DO NOT SCALE DRAWING

# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS



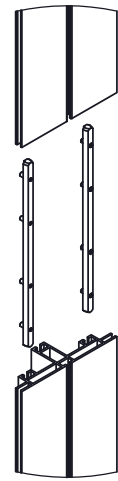
THIRD ANGLE PROJECTION 		THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREBY NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.
DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>NIEDO GROUP, INC.</b> 5465 SW WESTERN AVE. BEAVERTON, OR 97005
<b>120" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS</b>		
SIZE: <b>B</b>	DWG. NO.:	REV: <b>-01</b>
SCALE: NA	DO NOT SCALE DRAWING	SHEET <b>1</b>

# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS

FRAME ASSEMBLY DETAILS  
REFER TO FRONT AND REAR VIEWS, PAGE 2

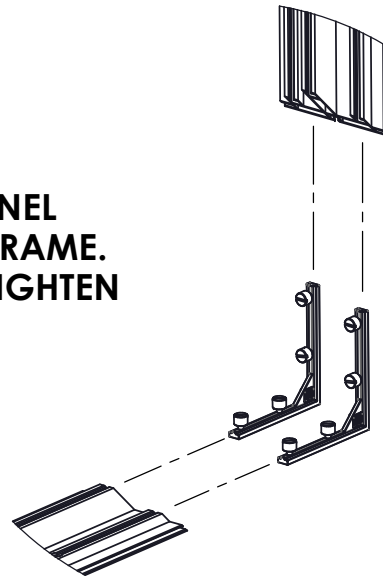
## STEP 1

ALIGN FRAME COUPLING INSERTS INTO SHORT SIDE CHANNELS OF LH AND RH TOP AND BOTTOM FRAME PUSH FRAMES TOGETHER AND TIGHTEN INSERTS WITH ALLEN WRENCH.



## STEP 2

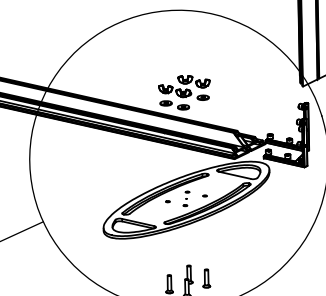
ALIGN BOTTOM FRAME CORNER BRACKETS INTO REAR SIDE CHANNEL AND TALL CENTER CHANNEL OF FRAME. PUSH CORNERS TOGETHER AND TIGHTEN THUMB SCREWS FINGER TIGHT.



## REAR VIEW

## STEP 3

ASSEMBLE LIGHT BOX FEET TO FRAME WITH WASHERS AND WING NUTS AS SHOWN.

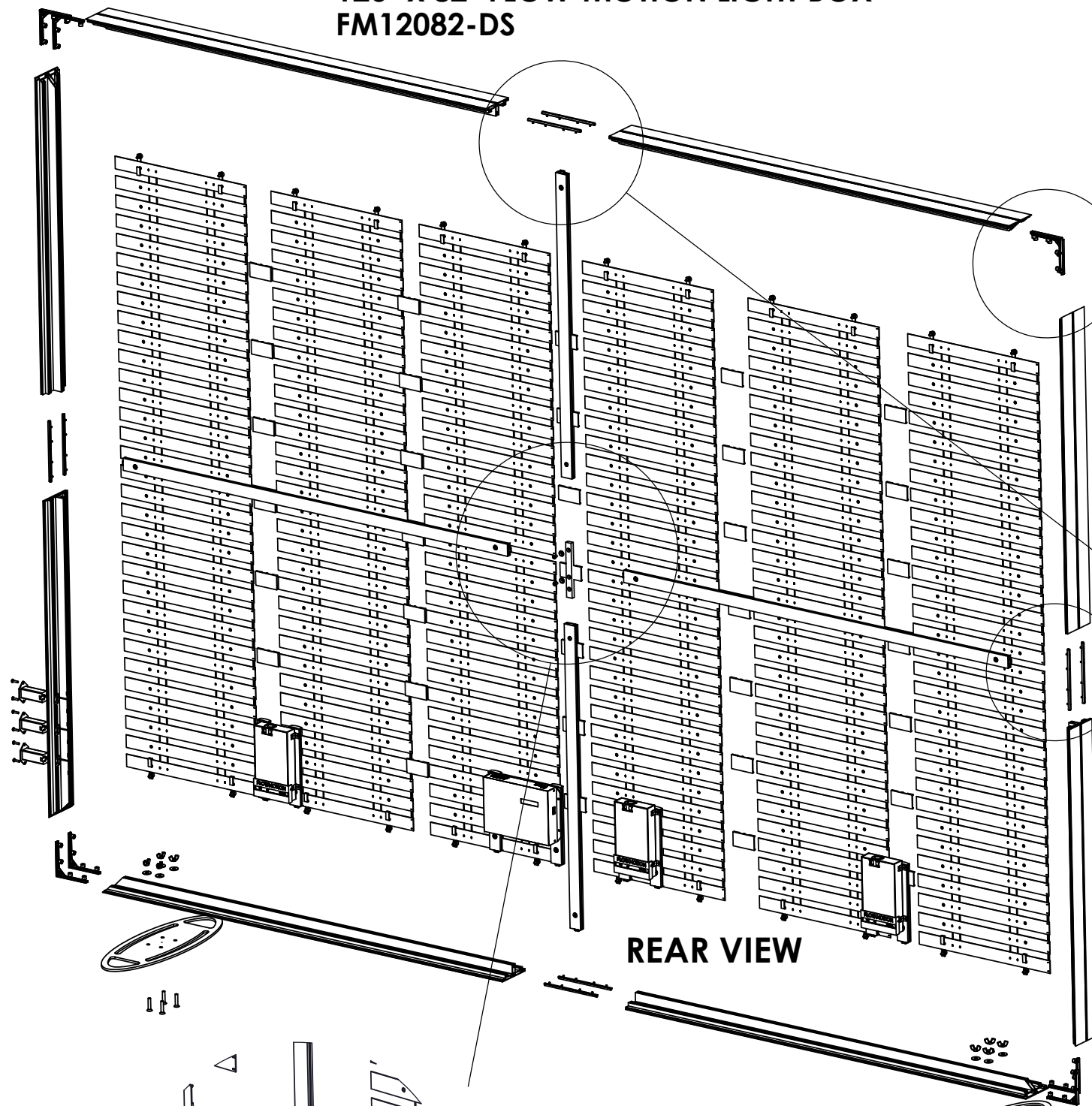


Page 3

THIRD ANGLE PROJECTION 		THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREWITH NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.	
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SHEET <b>B</b>	DWG. NO.	REV <b>-01</b>	SCALE: NA DO NOT SCALE DRAWING SHEET <b>1</b>

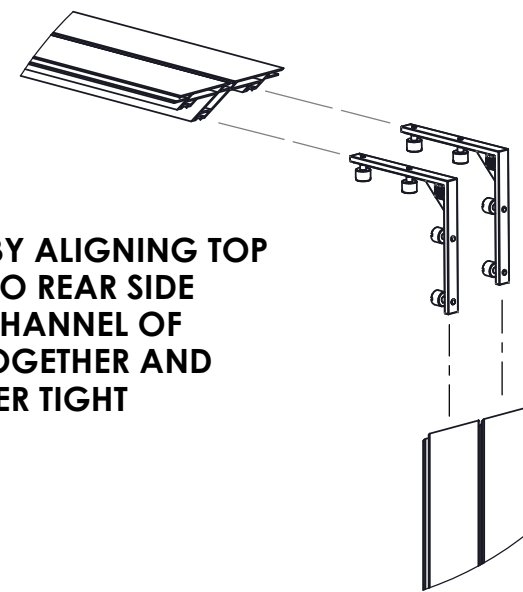
**120" x 82" FLOW-MOTION LIGHT BOX  
FM12082-DS**

**FRAME ASSEMBLY DETAILS  
REFER TO FRONT AND REAR VIEWS, PAGE 2**



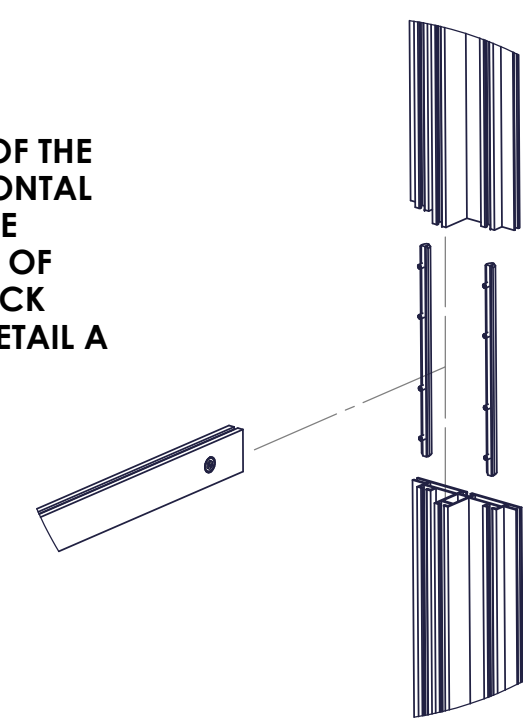
**STEP 6**

COMPLETE FRAME ASSEMBLY BY ALIGNING TOP FRAME CORNER BRACKETS INTO REAR SIDE CHANNEL AND TALL CENTER CHANNEL OF FRAME. PUSH TOP CORNERS TOGETHER AND TIGHTEN THUMB SCREWS FINGER TIGHT



**STEP 5**

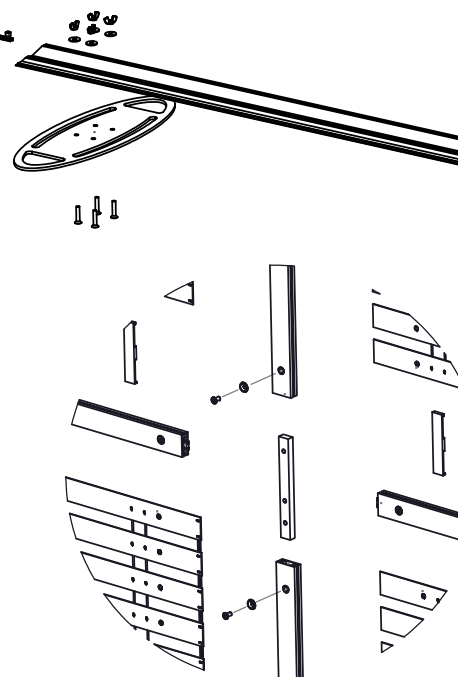
INSERT INTERLOCKS AT ENDS OF THE FRAME VERTICAL AND HORIZONTAL SUPPORTS INTO CENTER FRAME CHANNELS AT TOP AND SIDES OF FRAME AND TIGHTEN INTERLOCK MECHANISM AS SHOWN IN DETAIL A



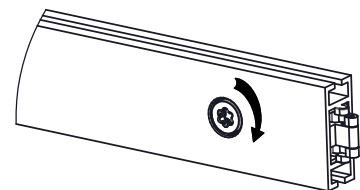
**REAR VIEW**

**STEP 4**

ASSEMBLE VERTICAL SUPPORTS WITH INSERT AND SCREWS AS SHOWN. PLACE INTERLOCKS OF HORIZONTAL SUPPORTS INTO SIDE CHANNELS OF VERTICAL SUPPORTS AND TIGHTEN AS SHOWN IN DETAIL A



**DETAIL A**



INTERLOCK MECHANISM  
TURN TO LOCK  
REVERSE TO UNLOCK

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<small>MATERIAL:</small> DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>NIEDO GROUP, INC.</b> 5465 SW WESTERN AVE. BEAVERTON, OR 97005
<b>120" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS</b>		SHEET <b>1</b>
SIZE <b>B</b>	DWG. NO.	REV <b>-01</b>
SCALE: NA	DO NOT SCALE DRAWING	SHEET <b>1</b>

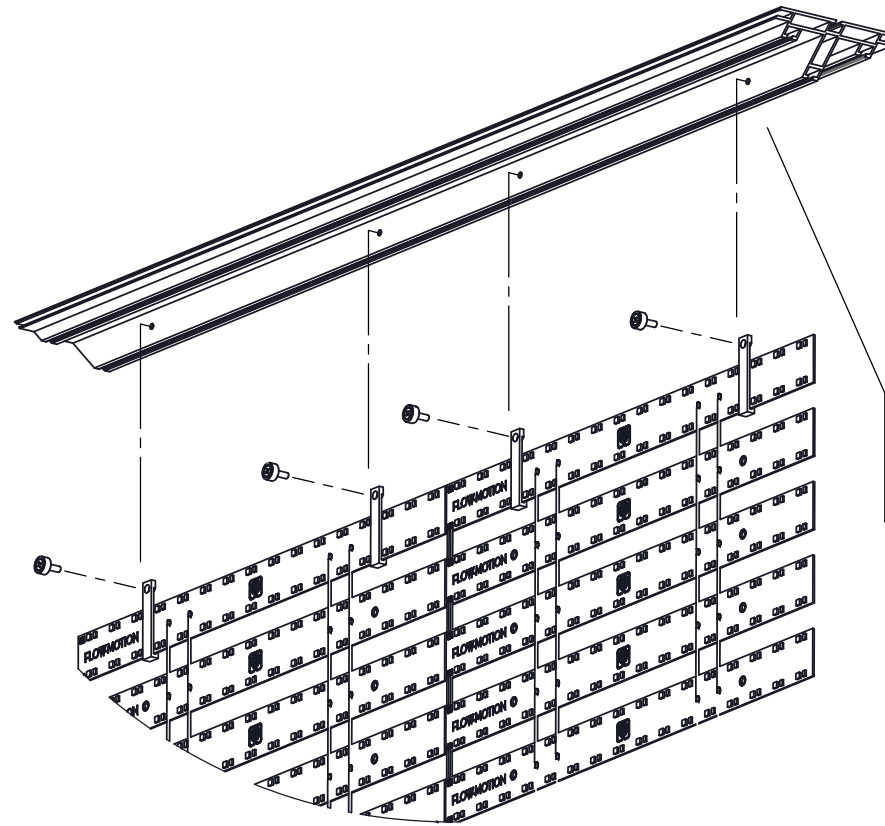
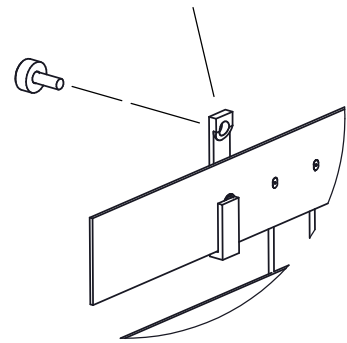
# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS

LED PANEL ARRAY INSTALLATION DETAILS  
REFER TO FRONT AND REAR VIEWS, PAGE 2

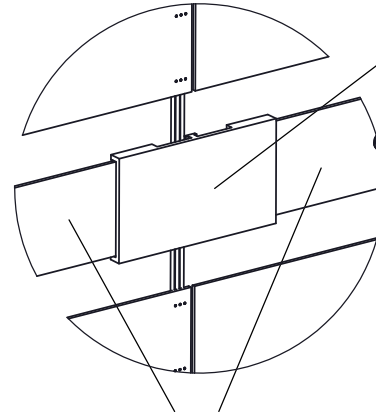
## STEP 7

INSTALL LED PANEL ARRAY TOP HANGERS AS SHOWN. ASSEMBLE TO FRAME TOP WITH THUMB SCREWS AS SHOWN.

TOP HANGER IS NOT SLOTTED



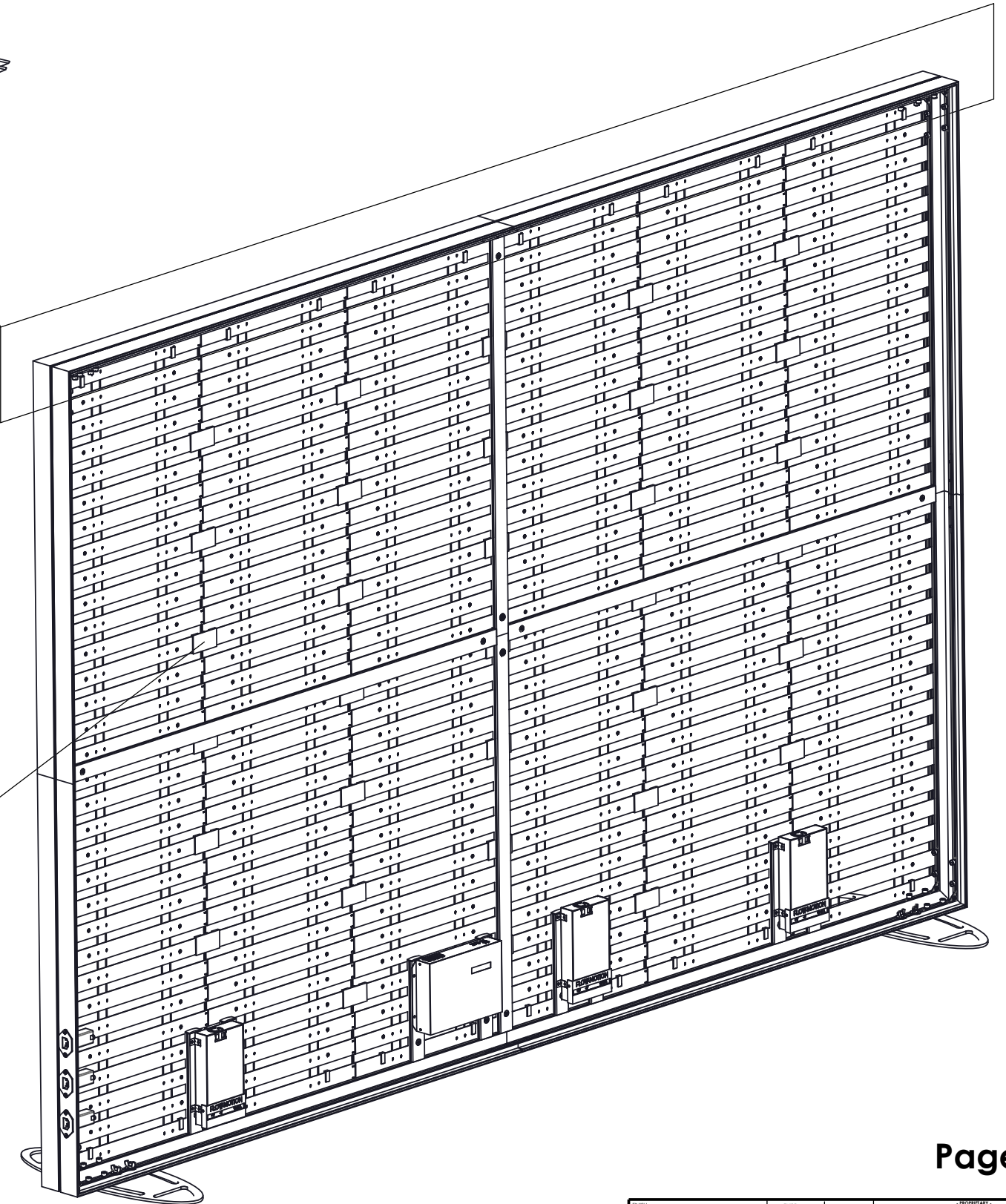
HORIZONTAL COUPLING



BOARD EDGES ARE JOINED AT CENTER

## STEP 8 ( IF NECESSARY )

JOIN LED PANEL ARRAYS AT CENTER AND EDGES USING HORIZONTAL COUPLINGS AS SHOWN



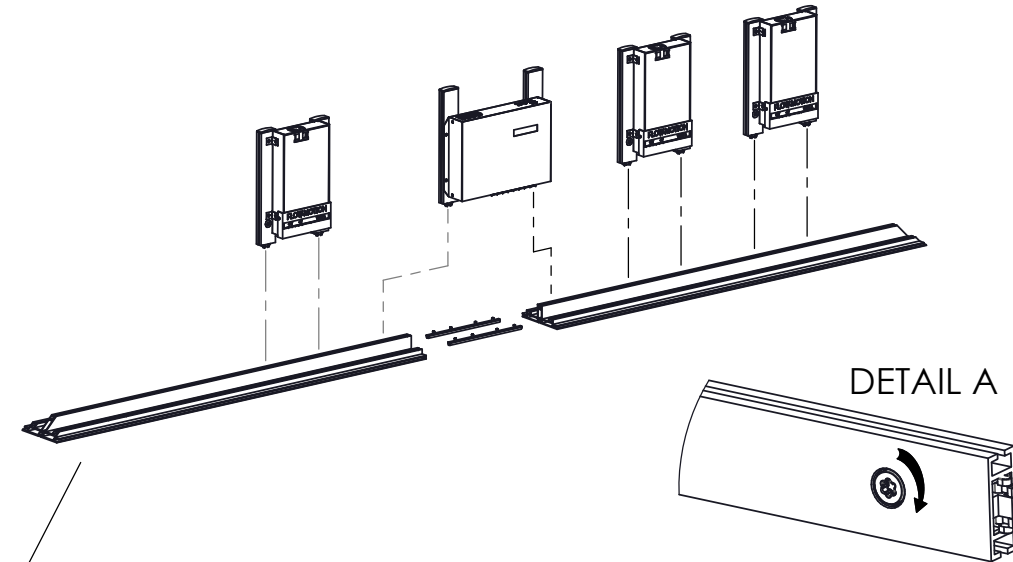
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DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>NIEDO GROUP, INC.</b> 5465 SW WESTERN AVE. BEAVERTON, OR 97005 <b>120" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS</b>	
SIZE <b>B</b>	DWG. NO.	REV <b>-01</b>	SHEET <b>1</b>
SCALE: NA		DO NOT SCALE DRAWING	

# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS

LED PANEL ARRAY INSTALLATION DETAILS  
REFER TO FRONT AND REAR VIEWS, PAGE 2

## STEP 10

ASSEMBLE POWER SUPPLY AND CONTROLLER TO  
FRAME CENTER CHANNEL IN APPROXIMATE  
POSITIONS SHOWN USING INTERLOCK  
MECHANISM AS IN DETAIL A

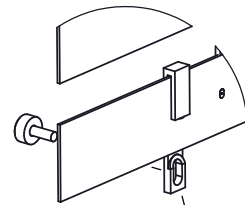
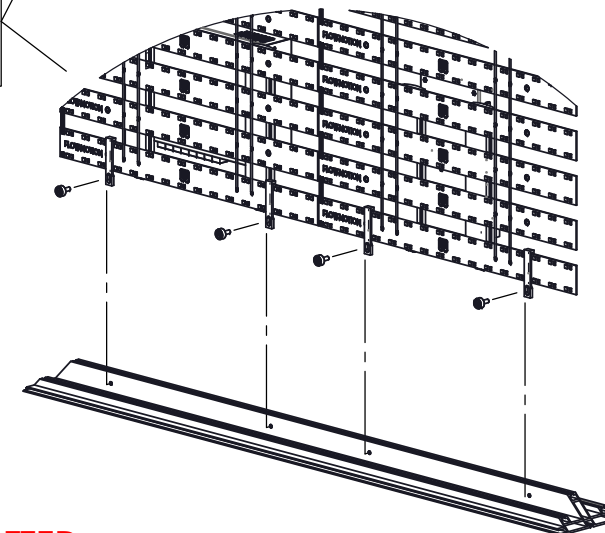


DETAIL A

INTERLOCK MECHANISM  
TURN TO LOCK  
REVERSE TO UNLOCK

## STEP 9

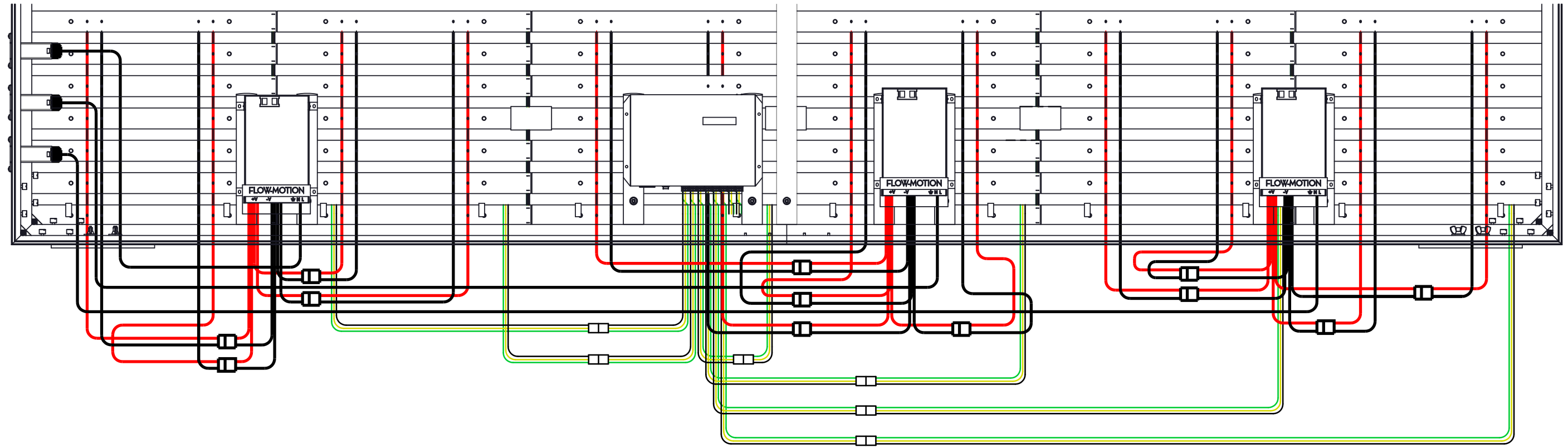
INSTALL LED ARRAY PANEL BOTTOM  
SLOTTED ADJUSTMENT HANGERS AS  
SHOWN. ASSEMBLE TO FRAME BOTTOM  
WITH THUMB SCREWS AS SHOWN.  
BOTTOM HANGERS ARE SLOTTED FOR  
PANEL TENSION ADJUSTMENT AS  
REQUIRED.



**BOTTOM HANGER IS SLOTTED**

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120" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS			
SIZE <b>B</b>	DWG. NO.	REV. <b>-01</b>	
SCALE: NA	DO NOT SCALE DRAWING	SHEET <b>1</b>	

# 120" x 82" FLOW-MOTION LIGHT BOX FM12082-DS



## POWER SUPPLY / CONTROLLER INTERCONNECT DIAGRAM

FINISH: MATERIAL: DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 		PROPRIETARY THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREINAFTER NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.	
		<b>NIEDO GROUP, INC.</b>		<b>5465 SW WESTERN AVE.          BEAVERTON, OR 97005</b>	
		<b>120" X 82" FLOW-MOTION LIGHT BOX          SET UP INSTRUCTIONS</b>			
SIZE <b>B</b>	DWG. NO.	REV. <b>-01</b>			
SCALE: NA		DO NOT SCALE DRAWING		SHEET <b>1</b>	

# Silicone Edge Graphics (SEG)

## Installation Instructions into hardware

### What are Silicone Edge Graphics (SEG)?

SEG are dye-sublimation fabric graphics with silicone strips sewn along the underside of the fabric's edge. SEG frames have grooves along their perimeter designed to snugly hold the silicone strips so the fabric can be stretched across the frame for a drum-tight fit.



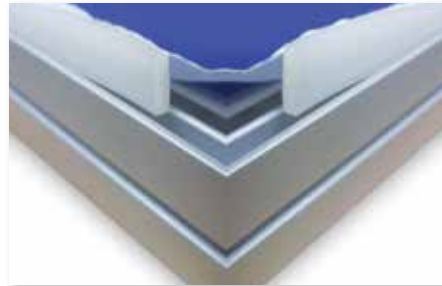
We recommend laying the frame on the floor, then draping the fabric graphic on top.

The following procedure ensures the silicone edge will be placed evenly over the entire frame and NOT STRETCH or GROW at the corners. Once all the edges have been secured, you should have a taut fit with a smooth flat finish.

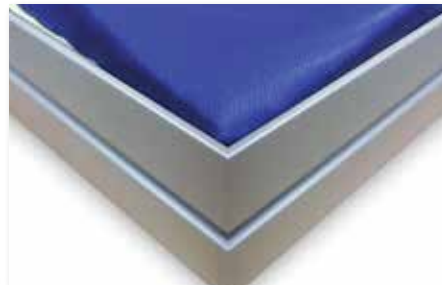
### 1: With Clean Hands,

Press SEG silicone edge first, into the corners of the frame.

#### INCORRECT WAY



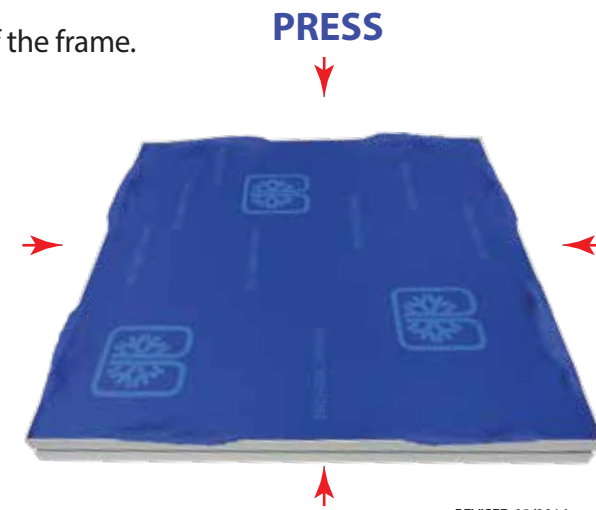
#### CORRECT WAY



### 2: Working in Centers.

Go back and press the silicone edge into the center - on each side of the frame.

EXAMPLE: A 20"x20" fabric/frame would be pressed in 8 locations.



REVISED 03/2016

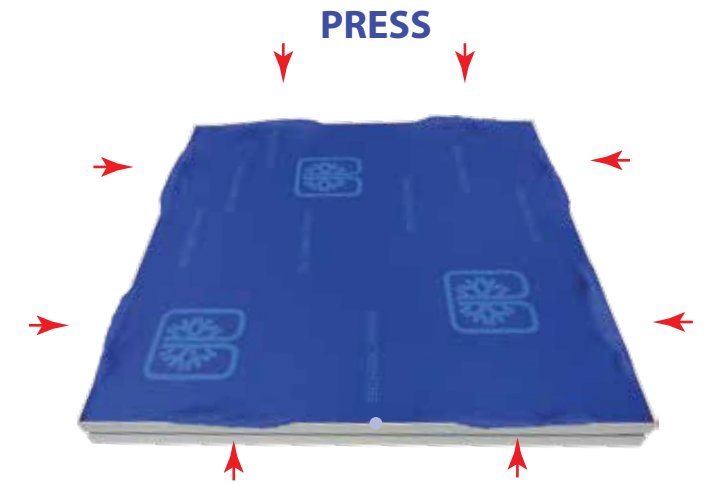
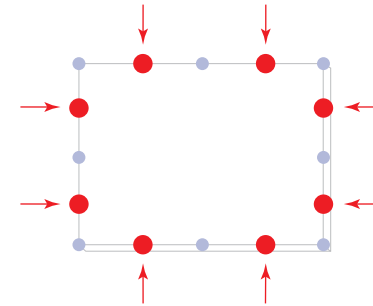
Cont'd.

### 3: Working in Centers again,

Go back and press the silicone edge once again on each side previous center, on all 4 sides.

Repeat this process, (WORKING IN CENTERS) until the SEG fabric's edge is pressed approximately every 6 inches apart.

EXAMPLE: A 8' x 8' frame (using this procedure) will have been pressed/tucked 15 times (not including corners) on each side of the frame.



### 4: After all has been pressed into your frame using

this procedure, lightly tap your forefinger to smooth fabric between the tucks.



### CARE INSTRUCTIONS

Due to the fine quality, smoothness and weave of the fabric, great care must be taken to extend the life of your SEG fabric graphics.

We recommend very loosely folding your graphic, making sure there are no hard creases or folds or that the fabric doesn't catch on sharp objects.

Store in a clean bag.  
A plastic bag or pillow case is ideal.  
Graphics can also be spot cleaned with a damp cloth.

To wash entire graphic, use a commercial size front loading washing machine on gentle cycle with cool water. Do NOT dry clean.

You can also gently iron the back side using the Polyester setting of your iron.



REVISED 04/2016