

# Vector Frame Hanging Light Box 20'x5'

## VF-LB-H-20-05

Vector Frame™ Hanging Light Boxes feature durable 100mm (4") aluminum extrusion frames, push-fit Intensity backlit fabric graphics and pre-attached LED top and bottom lighting. Your choice of one or two Intensity backlit push-fit fabric graphics. LED lights come attached to the frame, making set-up as simple as assembling the frame, and applying the push-fit graphics. Rigging and electrical from ceiling is required.



## features and benefits:

- 100mm (4") silver extrusion frame
- Pre-attached LED lighting strips on top & bottom
- Single or double sided push-fit fabric graphics
- Hangs from the ceiling; rigging and electrical from ceiling is required.
- Easy assembly
- Comes packaged in wheeled molded case for transport and storage
- Lifetime frame warranty against manufacturer defects
- 90 day light warranty

## dimensions:

Hardware

Graphic

Assembled unit:  
236.22"w x 59.06"h x 3.94"d  
6000mm(w) x 1501mm(h) x 101mm(d)

Approximate weight without case:  
88 lbs / 40 kgs



Shipping

## additional information:

Packing case(s):  
1 OCE

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)

Approximate case shipping weight:  
24 lbs / 11 kg

Approximate total shipping weight  
(includes cases & graphics):  
156 lbs / 71 kgs

Graphic material options:  
Double-sided: 2 Backlit Intensity push-fit graphics

Double-sided: 1 Backlit Intensity push-fit graphic + Printed Eclipse Fabric graphic + Opaque Liner

Single-sided: 1 Backlit Intensity push-fit graphic + Opaque Liner

Lighting Power Requirements:

Watts: 480W	Amps: 16.64A	Volts: 100-240V
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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.









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.

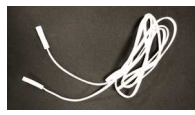
# Included In Your Kit

<b>Extrusions</b>	<b>LED-Preattached</b>		<b>PHFC4-1500-L1-MCB9-SH W/LED-DB-PWRSUPPLY-2</b> (x1)
			<b>PHFC4-1500-L1-MCB9-GR-SH W/LED-DB-PWRSUPPLY-2</b> (x1)
			<b>PHFC4-1500-L1-L1-SH W/LED-DB-PWRSUPPLY-2</b> (x2)
			<b>PHFC4-1500-L1-L1</b> (x2)
			<b>PHFC4-1500-L1-MCB9</b> (x2)
		*LED light strips and power supply(s) come preattached to respective extrusions	
			<b>PHFC4-1500-MCB9-MCB9</b> (x2)



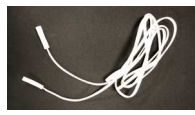
**LED-DB-CL-1500-2**

(x2)



**LED-DB-PWRSUPPLY-2-CL-800**

(x2)



**LED-DB-PWRSUPPLY-2-CL-1500**

(x2)



**LED-DB-PWRCORD-2**

(x1)



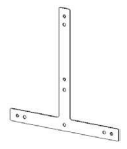
**WME-1200** (x2)




**PH1-1410-L-L** (x3)





**CH-SP4-HD-06** (x1)




**PHFC-PLT-3W-T**  
(x12)



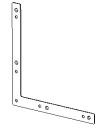
**IB2-0**  
(x6)




**CB9**  
(x4)



**SHACKLE**



**PHFC-PLT-2W-90**  
(x8)



**Graphic  
VF-LB-H-20-05-G**  
(x2)



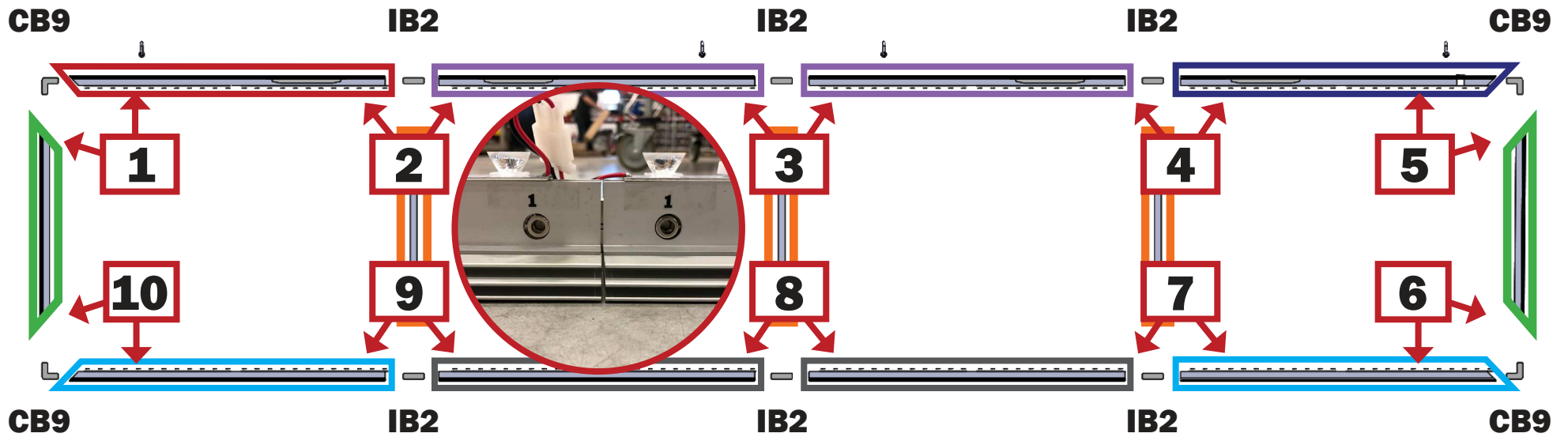
**HARDWARE**  
(x40)

\*Not to scale

# Labeling Diagram

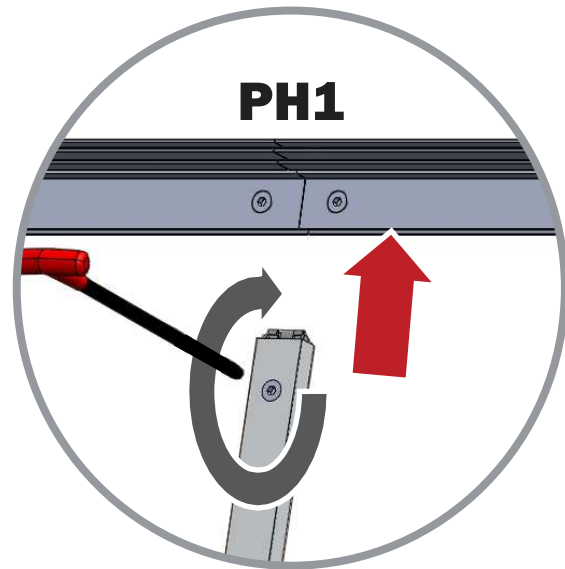
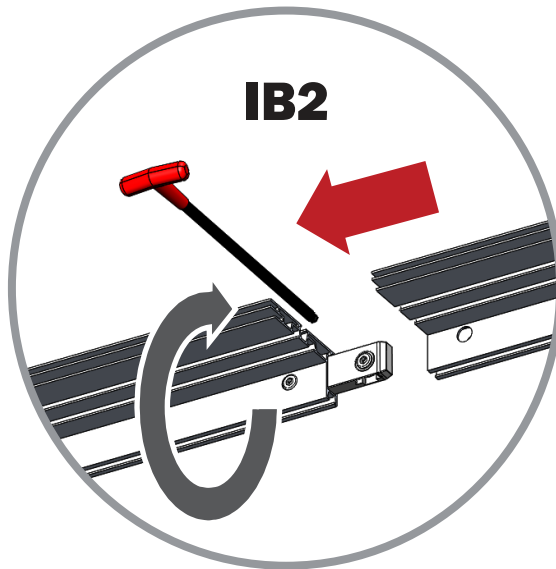
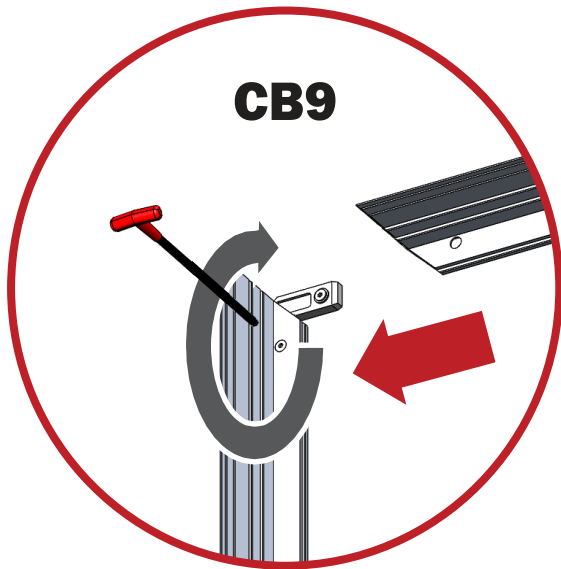
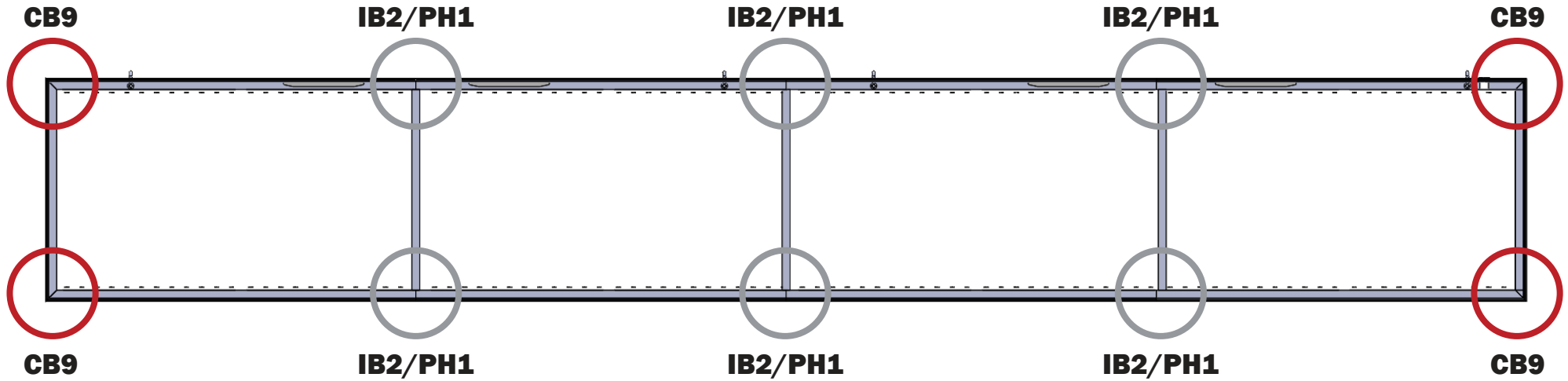
Lay out frame by connecting extrusions with their matching labeled extrusion, using the connectors shown.

Note: Hole-punched extrusions must be used for the top of the frame.

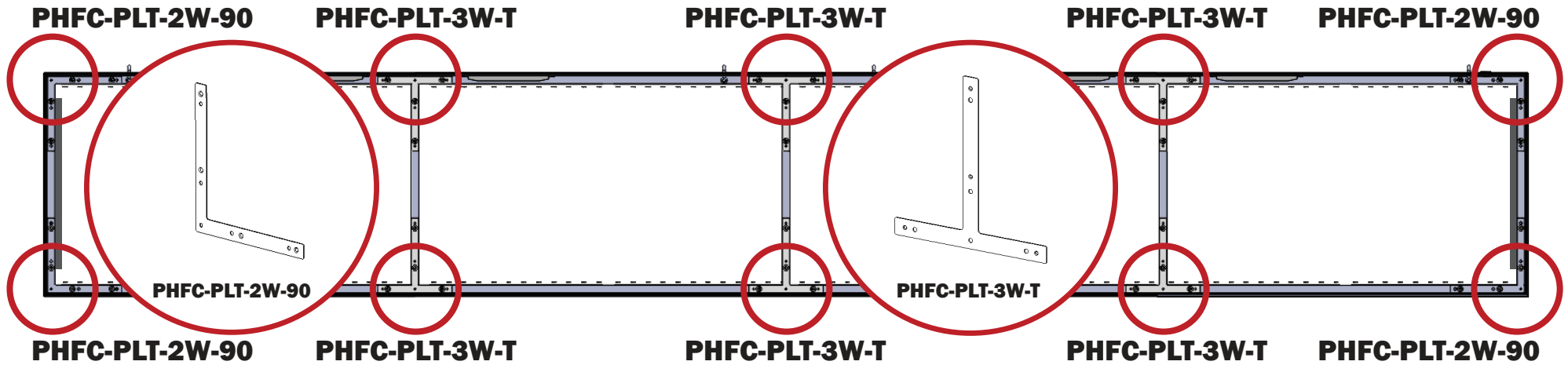


# Frame Assembly

Assemble frame by connecting extrusions with their matching labeled extrusion, using the connectors shown. Line up each extrusion of the connecting frames before tightening.



# Bracket Attachments

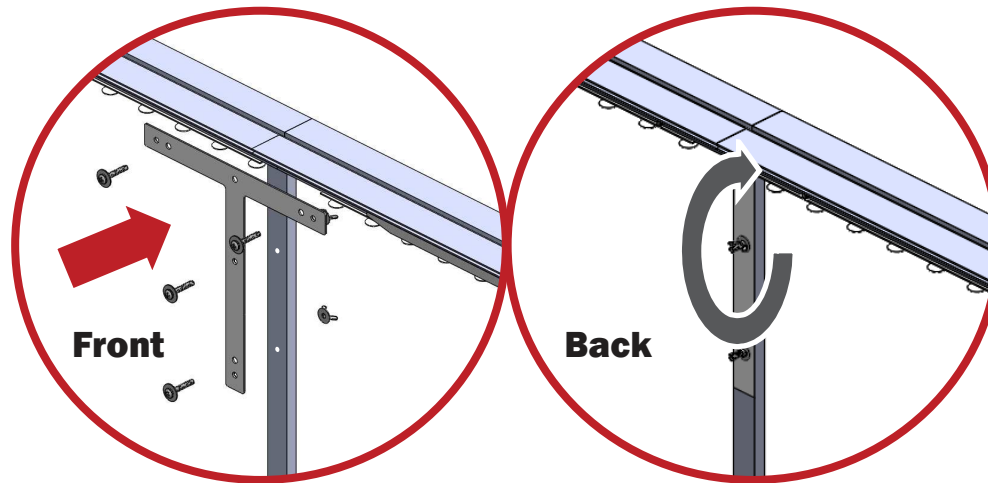


Fit PHFC-PLT-2W-90 (x2) on both sides of extrusion in of one corner.

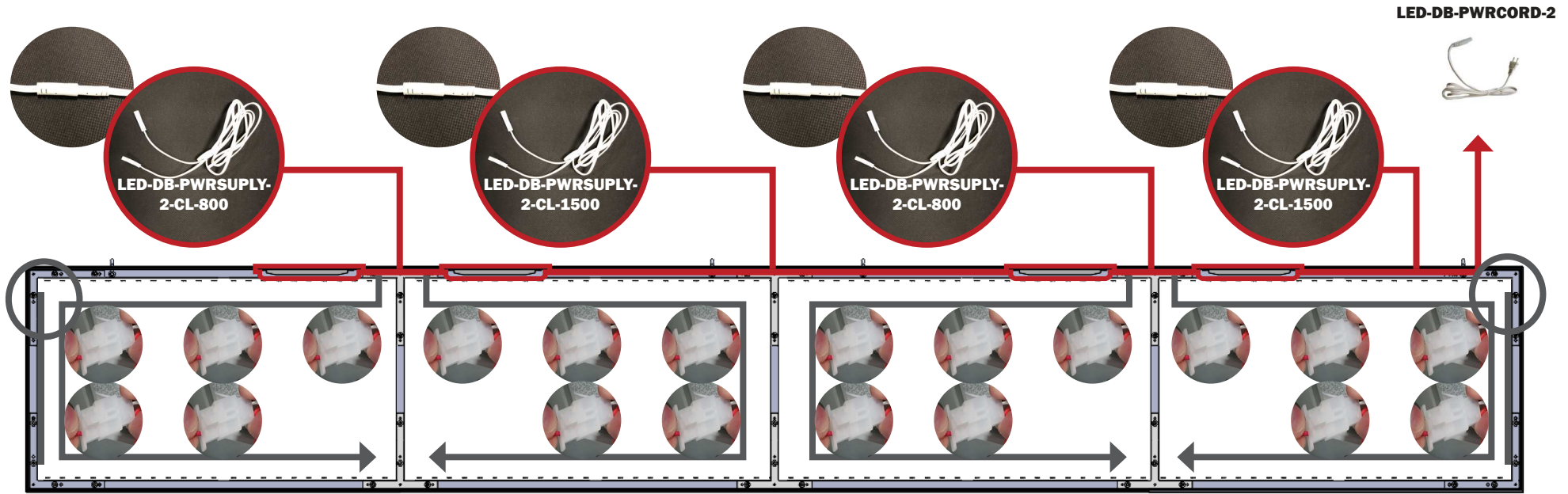
Screw secure with provided hardware. Repeat with three remaining corners.



Repeat with PHFC-PLT-3W-T (x2) at horizontal breaks in the frame.

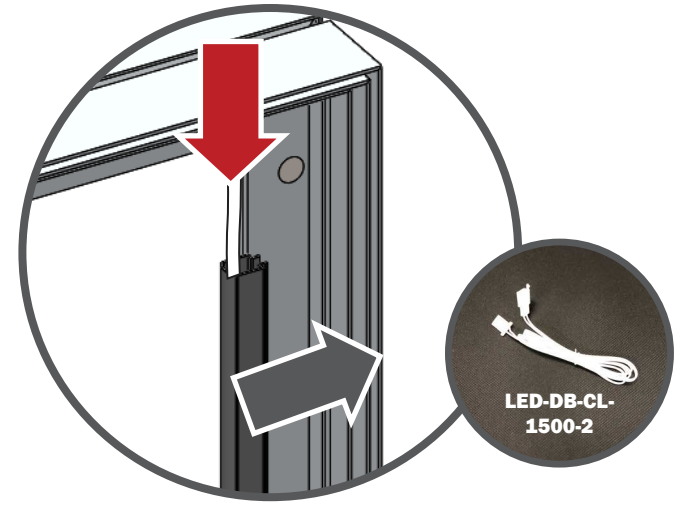


# Wiring Diagram



Connect the light strips along the top and bottom of the frame together with their clips per the diagram above.

Connect the top and bottom end light strips together with the LED-DB-CL-800-2, and house them in the WME-800. (right)

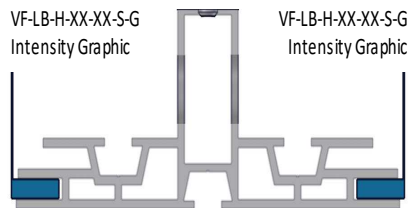


# Graphic Application

## Double sided: (2) Intensity Push fit Graphics

VF-LB-H-XX-XX-S-G (x2)

Fit graphics into the outer graphic channel on both sides

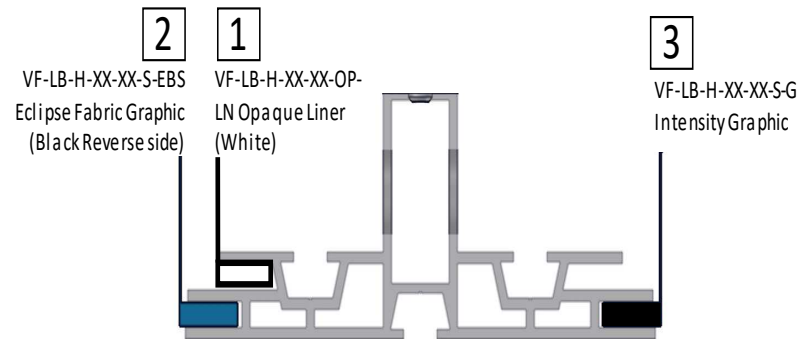


Both sides illuminated

## Double sided: (1) Intensity Push fit graphic + (1) Opaque Liner + (1) Printed Eclipse Fabric Graphic

VF-LB-H-XX-XX-S-G  
 VF-LB-H-XX-XX-OP-LN  
 VF-LB-H-XX-XX-S-EBS-G or VF-LB-H-XX-XX-D-EBS-G

Step 1: Fit the Opaque Liner into the inner channel on the non-illuminated side  
 Step 2: Fit the Printed Eclipse Fabric Graphic over the Opaque Liner into the outer graphic channel  
 Step 3: Fit the Intensity graphic into the outer graphic channel on the illuminated side



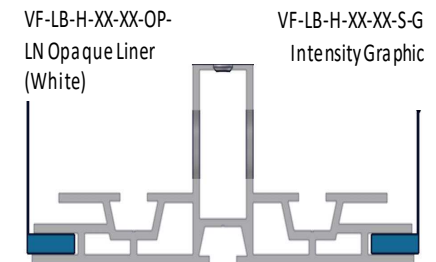
Non-illuminated side | Illuminated side

Illuminated side can be reversed by applying graphics and liner to opposite sides

## Single Sided: (1) Backlit intensity push-fit graphic + (1) Opaque Liner

VF-LB-H-XX-XX-S-G  
 VF-LB-H-XX-XX-OP-LN

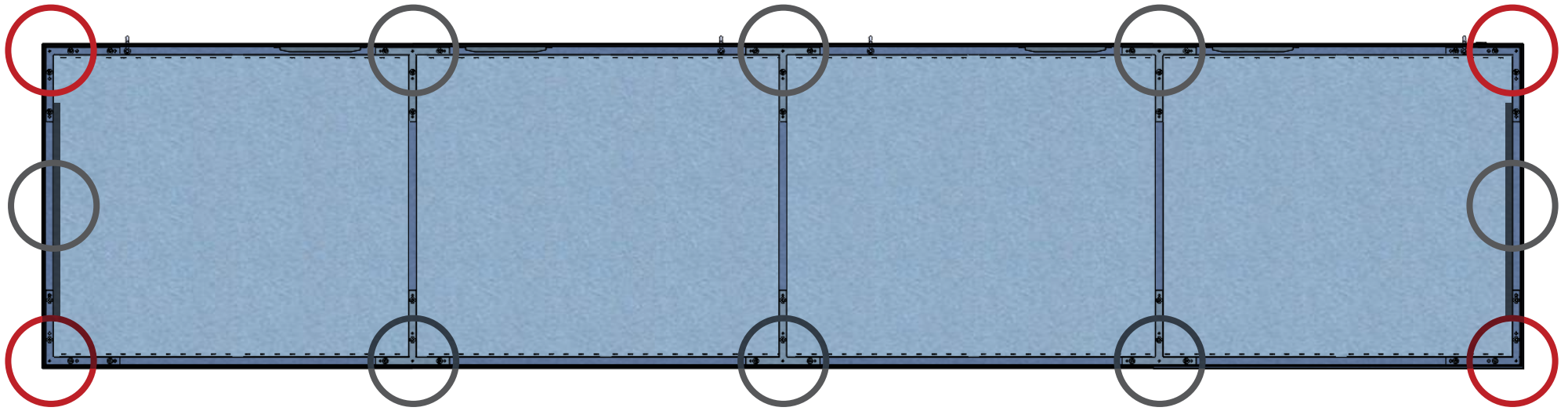
Fit graphic and opaque liner into the outer channels on either sides



Non-illuminated side | Illuminated side

See next page for additional graphic application details



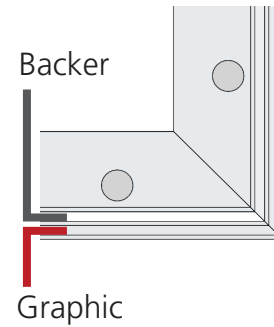


Fit graphic into four corners. (left)

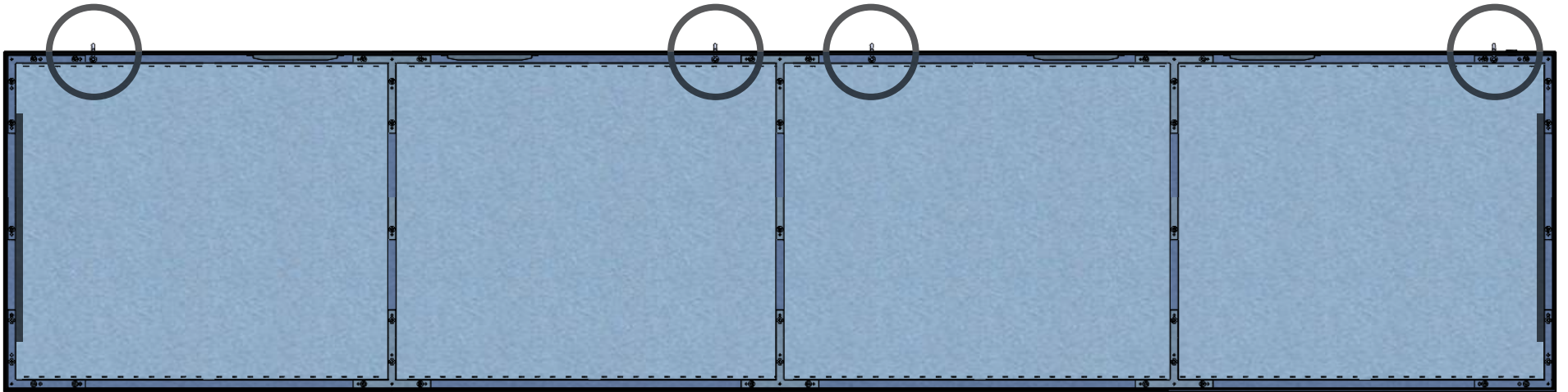
“Tap” into rest of channel along the frame. (right)

“Sliding down” graphic is not recommended for best installation.

Repeat for back graphic or opaque liner after fitting shackles (next page).







Fit first shackle through top extrusion hole. (left)

Lock shackle in place with screw. (right)

Repeat for other side.

