Vector Frame Light Box R-03

VF-LB-R-03
Vector Frame™ fabric light boxes feature durable 100mm aluminum extrusion frames, push-fit back-lit fabric graphics and LED top and bottom lighting. Single and double-sided graphic options are available. LED lights come adhered to the frame, making set-up as simple as assembling the frame, applying the push-fit graphics andplugging in the electrical cord!

features and benefits:

- 100mm (4") silver extrusion frame
- Integrated LED lighting strips top & bottom
- Single or double-sided push-fit fabric graphics
- Easy assembly
- Comes packaged with one OCH wheeled molded case for transport and storage
- Lifetime hardware warranty against manufacturer defects

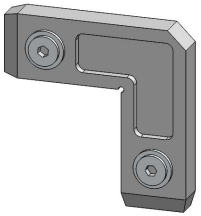
dimensions:

Hardware	Graphic
Assembled unit: 48"w x 71"h x 19.7"d 1219mm(w) x 1805mm(h) x 500mm(d) Approximate weight with cases: 34 lbs / 16 kgs	Refer to related graphic template for more information. Visit: www.exhibitors-handbook.com/graphic-templates
Shipping	**additional information:**
Packing case(s): 1 OCH Shipping dimensions: 50"l x 26"h x 12"d 1270mm(l) x 660mm(h) x 305mm(d) Approximate total shipping weight (includes cases & graphics): 64 lbs / 29kgs	Graphic material: Backlit Intensity push-fit fabric graphics Power requirements: 24V / 3.0A / 72 watts per transformer One transformer per unit When included in a larger kit, a different packaging solution will be listed to accommodate all contents of the kit. Individual packaging no longer provided. 1 person assembly recommended:

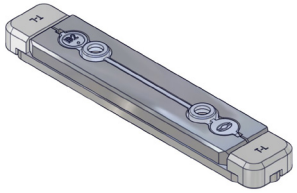
Included In Your Kit

Tools, Components, & Connectors

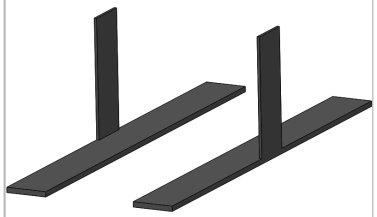
5MM ALLEN x1



CB9 x4



IB2 x2



SW-FOOT-500-2 x1

LED-WHT-DB-1100 x2

LED-DB-PWRCORD-2 x1

LED-DB-PWRSUPLY-2 x1

LED-DB-PWRSUPLY-2-CL-600 x1

LED-DB-CL-1700-2 x1

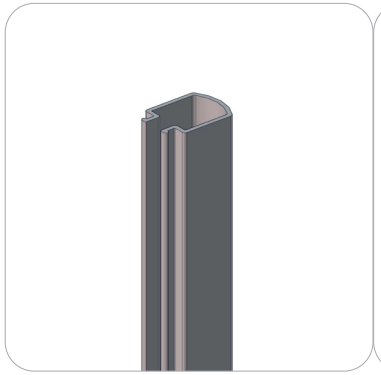
Graphics

VF-LB-R-03-S-G x1

VF-LB-R-03-OP-LN x1

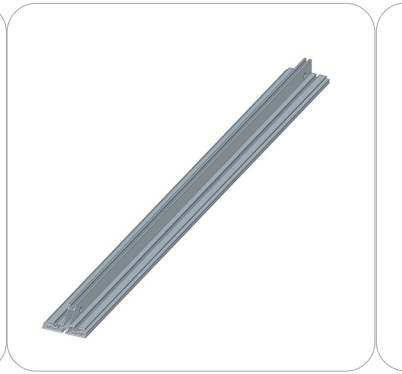
Included In Your Kit

Extrusions



WME-800 x1

PHFC4-1200-MCB9-MCB9 x2

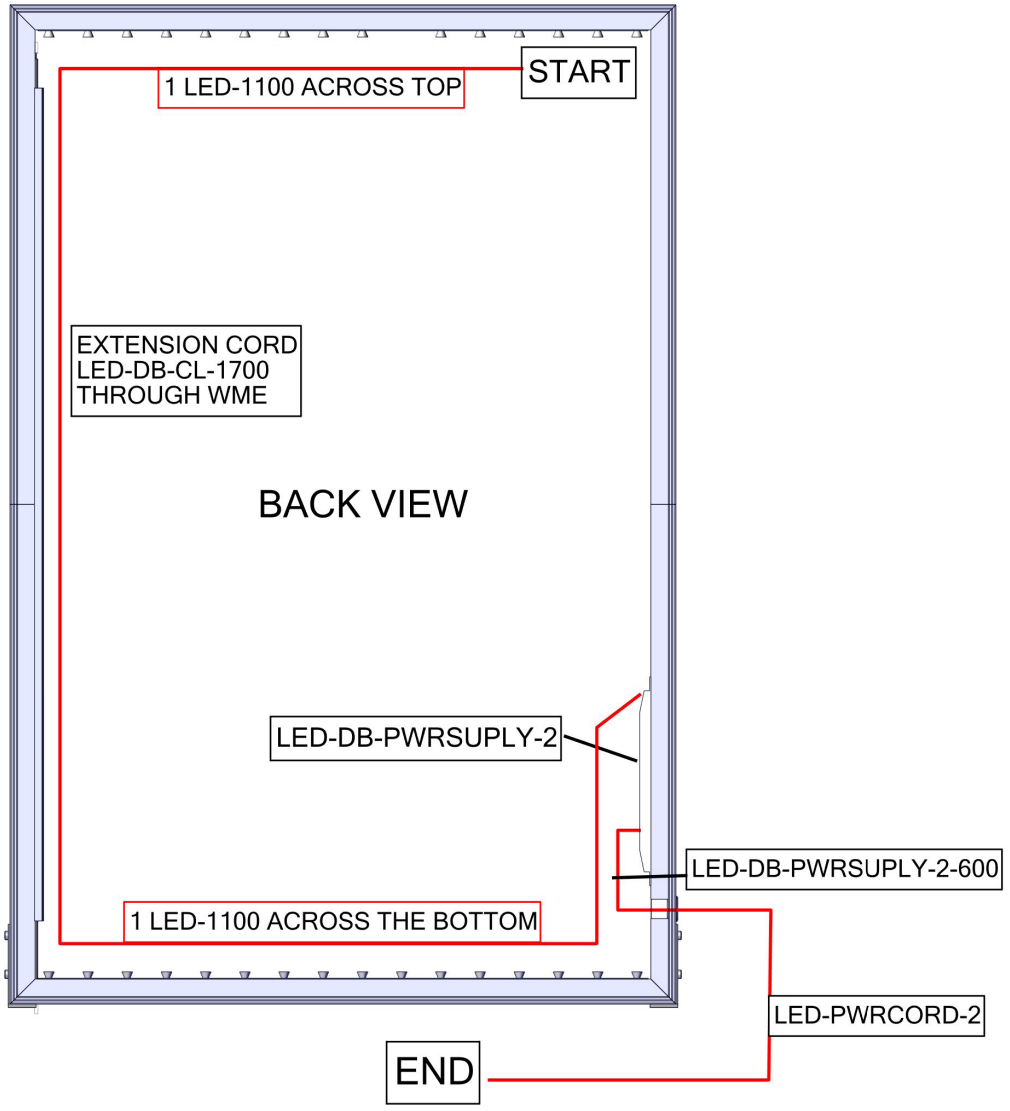


PHFC4-900-L1-MCB9 x3

PHFC4-900-L1-MCB9-GR x1

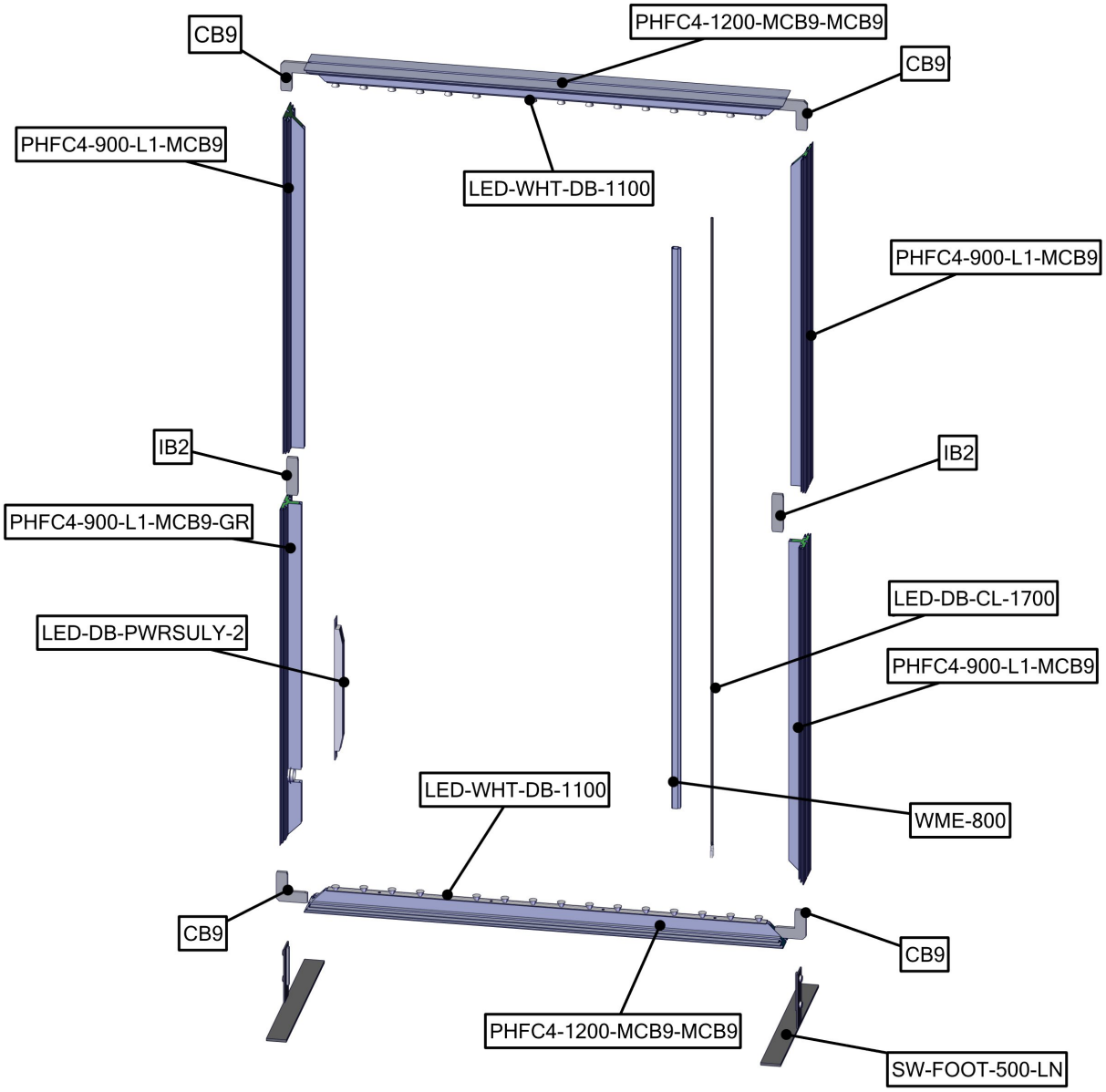
Internal Lighting Diagram

VF-LB-R-03



Exploded Diagram

VF-LB-R-03

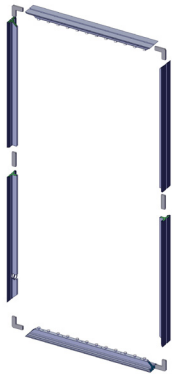


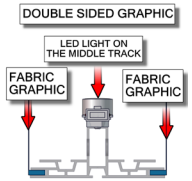
Kit Assembly

Step by Step

Step 1.

Gather the components necessary
for assembling your light box frame. Assemble in the order the Exploded View instructions.
Refer to Connection Methods 1 and 2 for additional information.

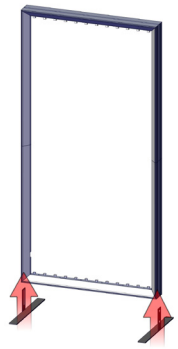




Step 2.

Gather the components necessary for assembling your frame stabilizing bases. Assemble in the order the Exploded View instructions.

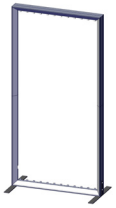
Refer to Connection Method 3 for additional information.

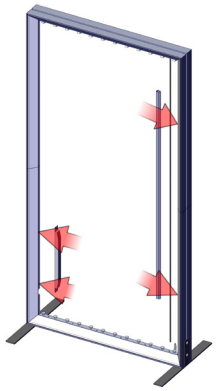


Step 3.

Gather the components necessary for the Internal Lighting assembly to your light box . Assemble in the order the Exploded View and the Internal Lighting Setup Diagram instructions.

Refer to Connection Method 5 for additional information.



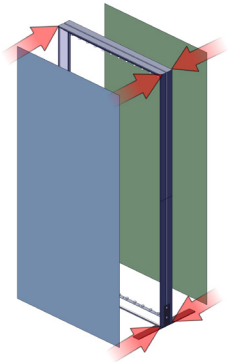


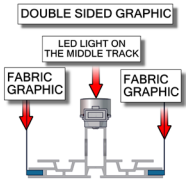
-Attach all in center channels of extrusions

Step 4.

Locate your silicone edge fabric panels. Push the silicone edges of the graphic panel into the primary grooves of the PHFC4 extrusion perimeter. Push the silicone edges of the opaque liner into the secondary grooves of the PHFC4 extrusion perimeter.

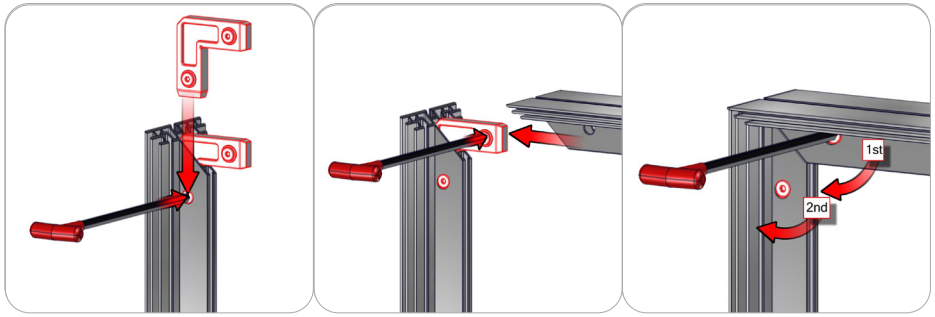
Refer to Connection Methods 4 for additional information.





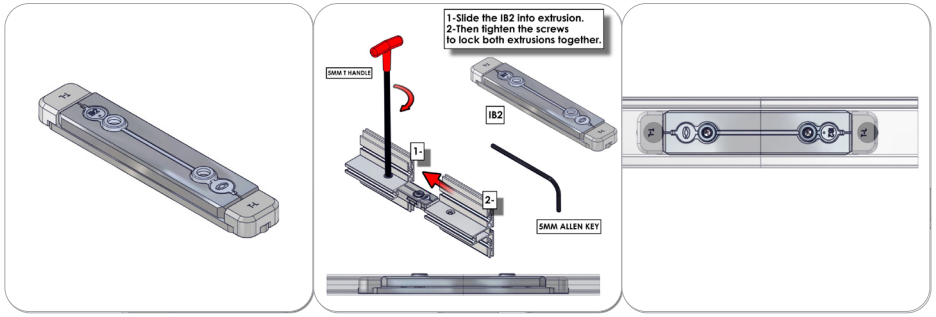
Connection Methods

Connection Method 1: CB9



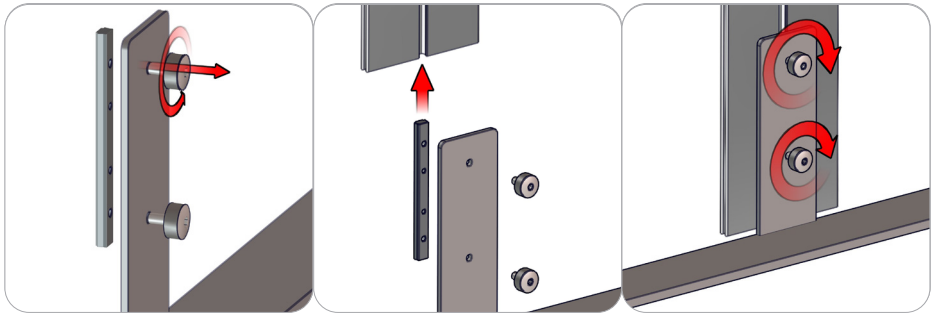
First, insert the corner connector into the extrusion while holding in the lock button with the allen key tool. Second, slide the next extrusion onto the same corner connector while holding in the lock button using the allen key tool. Third, use the allen key tool for locking the corner connector buttons in place. Use the allen key tool to make half turns clock-wise. Do not over tighten the lock buttons.

Connection Method 2: IB2



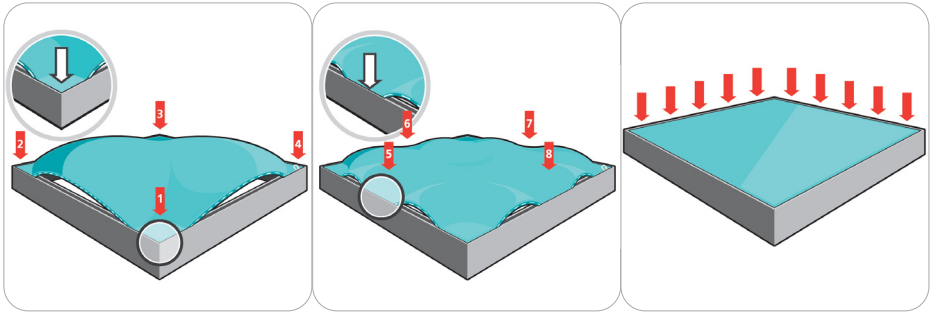
First, insert the in-line connector into the extrusion while holding in the lock button. Then, slide the next extrusion onto the same in-line connector again holding in the lock button. Finally, use the provided allen key to lock the in-line connector in place. Use the allen key tool to turn the lock buttons, make quarter turns and do not over tighten the lock buttons.

Connection Method 3: SW-FOOT-500



First, loosen the thumb screws and channel bars on the stabilizing bases. Do not disassemble them. Second, slide channel bars into the frame channel flush with the base of the frame. Third, tighten the thumb screws and channel bars securing the attachment. Do not over tighten the thumb screws.

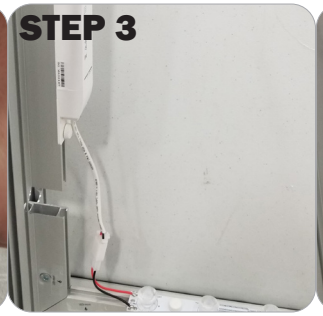
Connection Method 4: Graphic Application

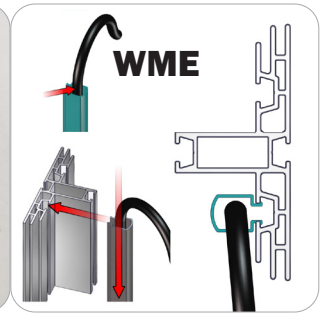


First, insert the silicone edge frame corners into the frame graphic channel (points 1 through 4).
Second, insert the silicone edge frame sides into the frame graphic channel (points 5 through 8).
Third, push the remaining silicone edge fabric into the frame graphic channel.
Similar setup is recommended for the opaque liner.
To remove these panels, simply pull the loop tag sewn near a corner.

Connection Methods

Connection Method 5: Lighting Instructions





Lights are preattached to the top and bottom. To connect the proper wiring, first connect the LED-DB-CL-1700-2 male adapter to the female adapter of the lighting on the top extrusion. Step 2, attach the female end to the male end of the bottom lighting. Step 3, connect the the bottom end closest to the grommet, to the LED-DB-PWRSUPLY-2 (and if 2 or more power supplies are needed you would attach the power supplies together). Step 4, connect the LED-DB-PWRSUPLY-2-CL-300 extension to the top of the power supply. Run the other end of the LED-DB-PWRSPLY-2-CL-300 to the grommet hole. Step 5, connect the LED-DB-PWRSPLY-2-CL-300 to the LED-DB-PWRCORD-2. Last, plug into wall outlet. Last Step, use WME to hold wiring in place.