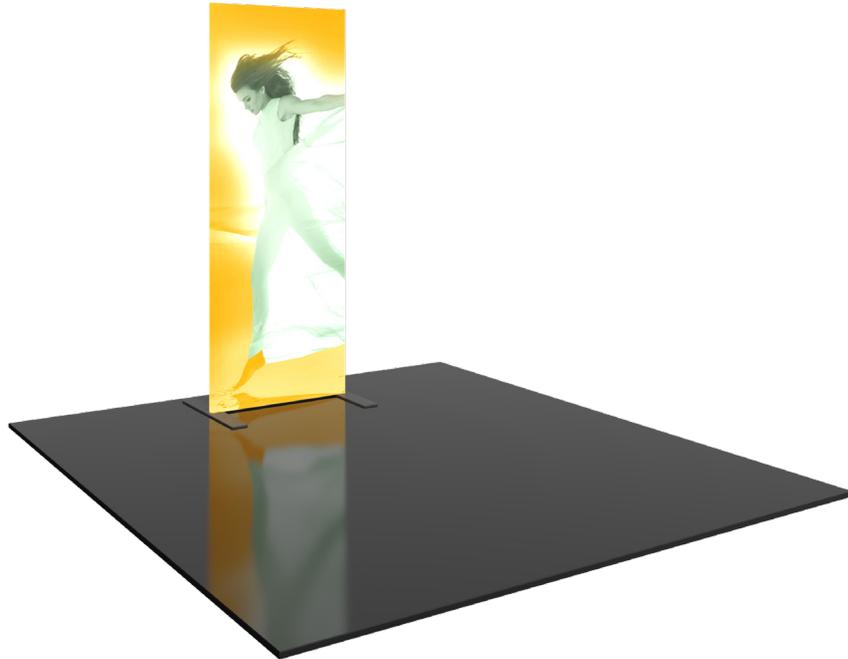


# Formulate Master 3ft Straight Backlit Display

## FMLT-BL-WS3-01

The Formulate® 3ft Straight Backlit display is a captivating and eye-catching exhibit that combines an aluminum tube frame, a LED light curtain, and a zipper pillowcase printed fabric graphic. The LED light curtain helps draw attention to the display and offers even and bright white light balance throughout. An expandable, sturdy display case is included to protect the frame and LED light curtains in transit to events and tradeshow.



## features and benefits:

- State-of-the-art 50mm aluminum tube frame with bungee and snap-button assembly
- LED light curtains attach to the frame; adjustable at the top and bottom
- Single Sided Pillowcase fabric graphic is printed on backlit textile
- Kit includes: one frame, one single sided dye-sublimated zipper pillowcase graphic, one light curtain, one transformer, and one wheeled OCE-2 molded storage case
- Easy to store and ship
- Lifetime hardware warranty against manufacturer defects

## dimensions:

Hardware	Graphic
Assembled unit: 34.69" w x 92" h x 26.57" d 882mm(w) x 2337mm(h) x 675mm(d)	Refer to related graphic template for more information.
Approximate weight: 24 lbs / 11 kg	One year warranty.
	Visit: <a href="https://www.theexhibitorshandbook.com/download-graphic-templates">https://www.theexhibitorshandbook.com/download-graphic-templates</a>

## Shipping

Packing case(s):  
1 OCE-2

Shipping dimensions:  
OCE-2: Expandable case length (l) may vary  
40"-66" l x 18" h x 18" d

1016-1677mm(l) x 458mm(h) x 458mm(d)

Approximate total shipping weight:  
51 lbs / 24 kg

## additional information:

Graphic material:  
Dye-sublimation zipper pillowcase fabric - Backlit textile with opaque backer

Lighting Power Requirements:

Watts:	Amps:	Volts:
187.2W	2.1A	115-230V

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.

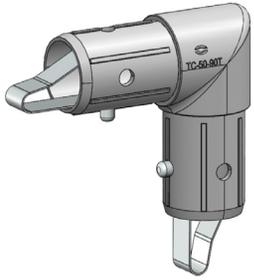


This product may include the following materials for recycle:  
aluminum, select wood, fabric, cardboard, paper, steel, and plastics.

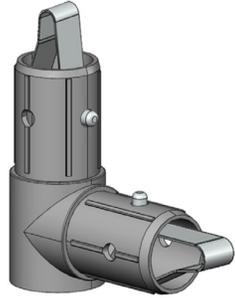
We are continually improving and modifying our product range and reserve the right to vary the specifications without prior notice. All dimensions and weights quoted are approximate and we accept no responsibility for variance. E&OE. See Graphic Templates for graphic bleed specifications.

# Included In Your Kit

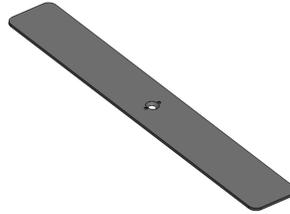
Tools, Components, & Connectors



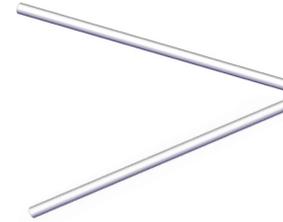
TC-50-90T x2



TC-50-90B x2



LN114-S2-650 x2



FMLT-BL-WS3-01-SIDE x2



FMLT-BL-WS3-01-T2 x2



FMLT-BL-CURTAIN LIGHT x1



FMLT-BL-CURTAIN-TRANS-2 x1

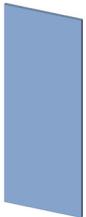


HEX KEY 5MM x1



M10 SCREW x2

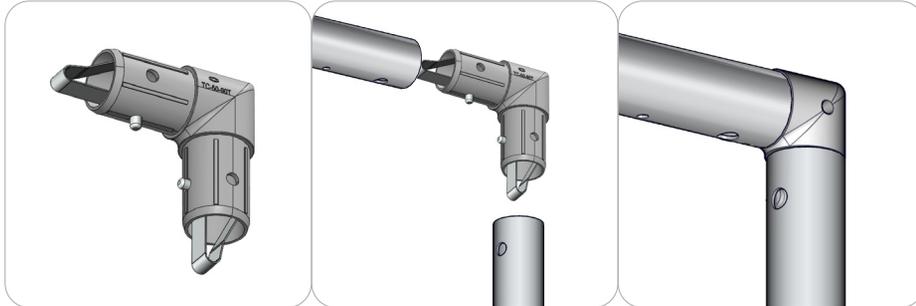
Graphics



FMLT-BL-WS3-01-G x1

# Connection Methods

## Connection Method 1: TC-50-90T



Take the plastic connector and make sure the snap buttons are in proper position for the frame tube holes. Simply press the snap button with your thumb and carefully slide the tube onto the connector. The snap button should pop through. Some twisting may be necessary to assure the snap button has popped all the way through the tube hole. Do not force the connection and be careful with the tube edges, they may be sharp.

## Connection Method 2: TC-50-90B



Take the plastic connector and make sure the snap buttons are in proper position for the frame tube holes. Simply press the snap button with your thumb and carefully slide the tube onto the connector. The snap button should pop through. Some twisting may be necessary to assure the snap button has popped all the way through the tube hole. Do not force the connection and be careful with the tube edges, they may be sharp.

## Connection Method 3: SNAP BUTTONS

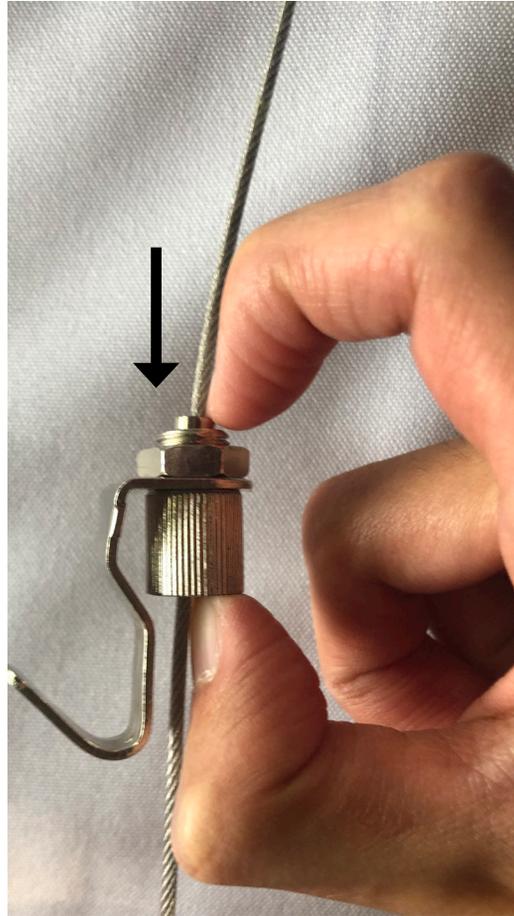


For snap button connections, locate the snap button on the connector or swage tube. Locate the hole on the corresponding tube. Press the snap button with your thumb and slide the tube and connector together so that the snap button snaps fully into the lock hole. To disassemble, press the snap button and pull apart.

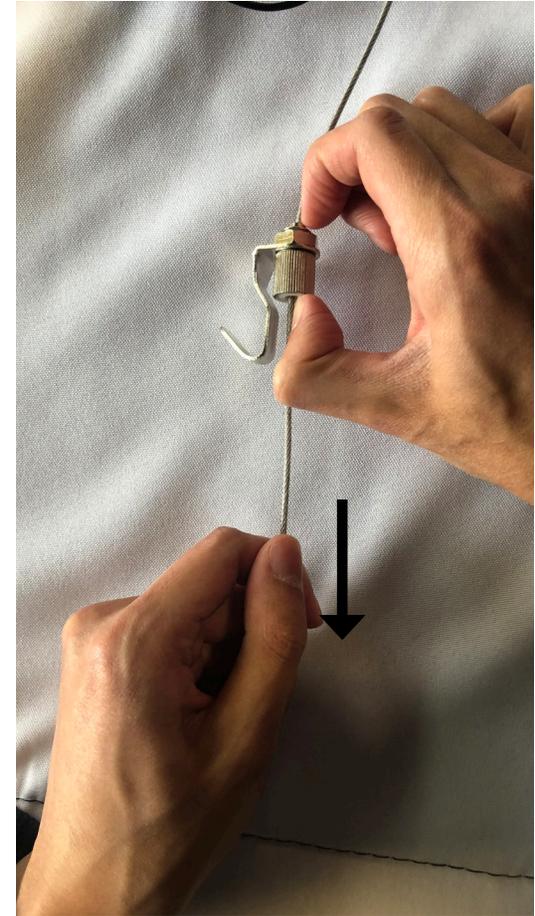
# Adjusting Light Curtain Tension



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



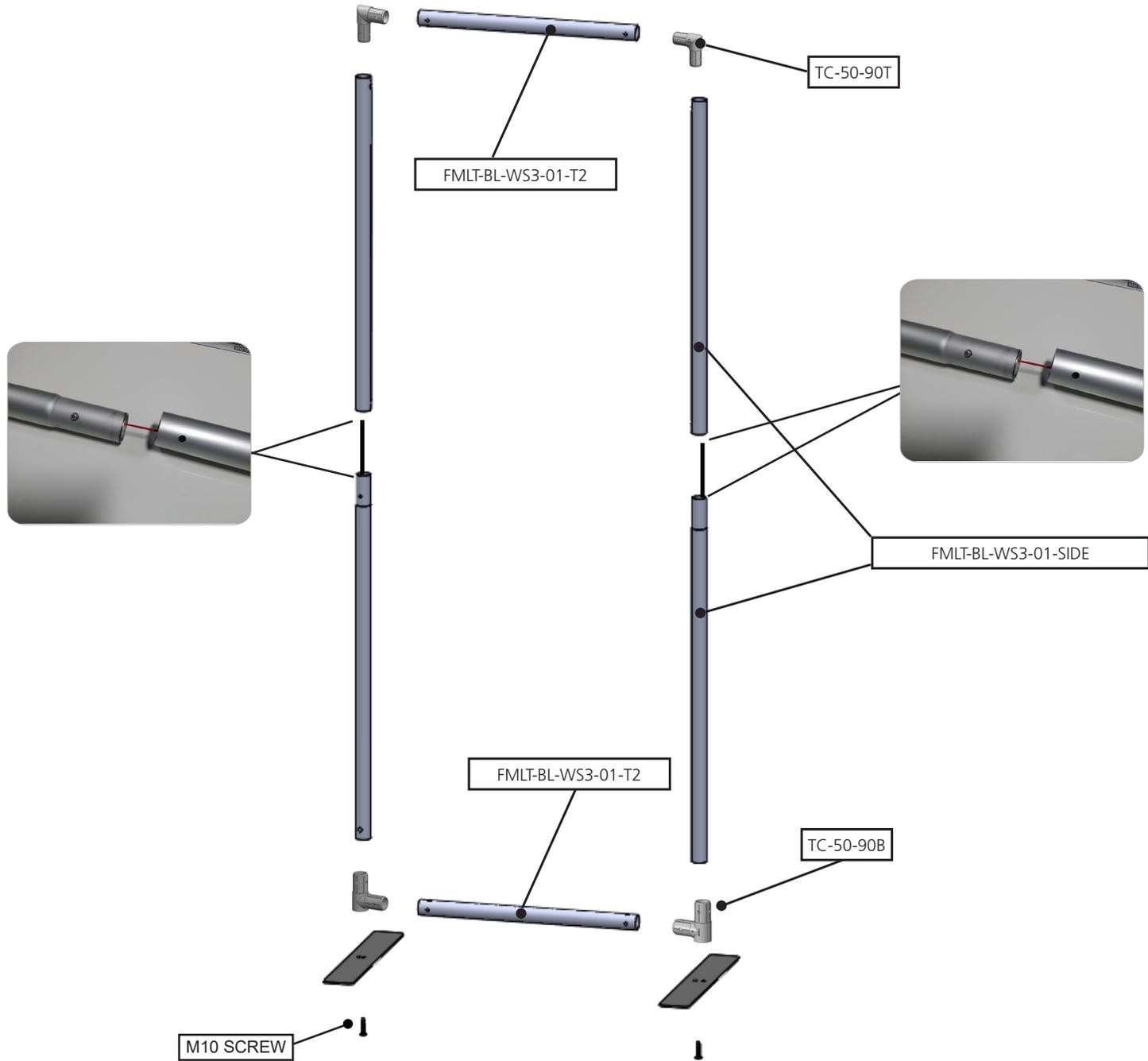
**Step 2.**  
Press down on the button releasing pressure from the curtain light cable.



**Step 3.**  
While pressing down on the button pull the cable away from the curtain light until it is tight with the frame.

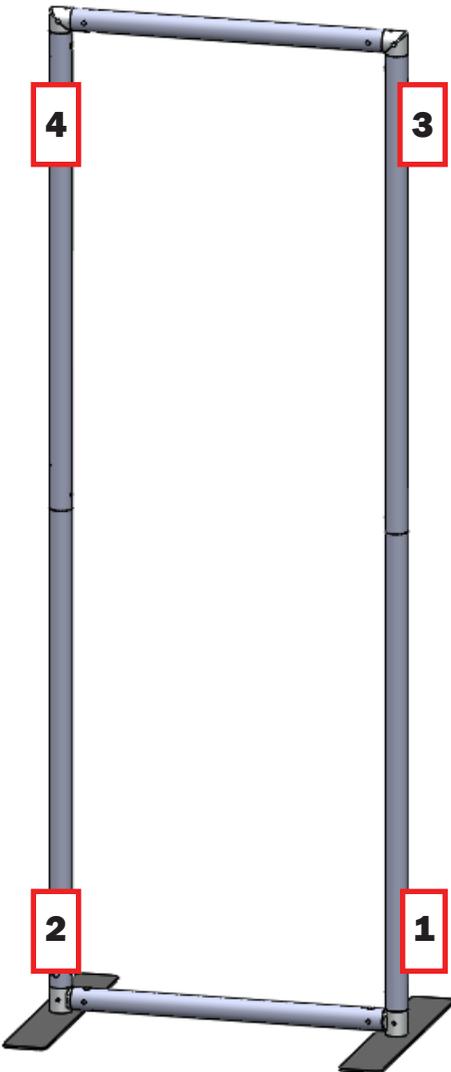
# Exploded View

FMLT-BL-WS3-01



# Labeling Diagram

FMLT-BL-WS3-01



# Kit Assembly

## Step by Step

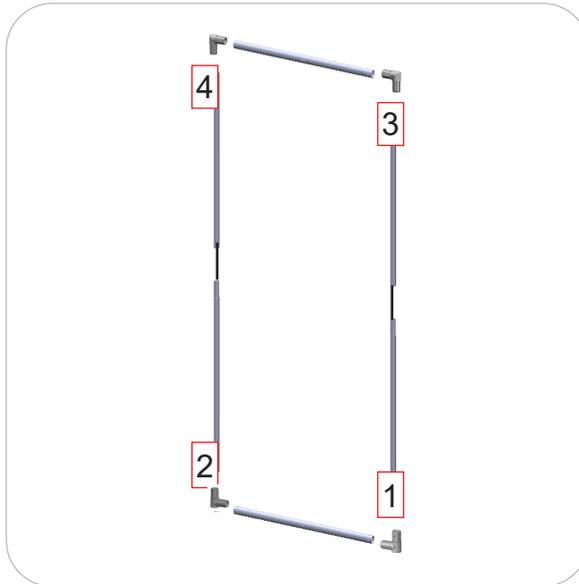
### Step 1.

Step 1: Remove the black, vinyl bag from the shipping case and lay it on the floor.

A. Unzip and remove the bungee connected tubes from the bag and connect the tubes using the push-buttons. See Connection Method 3 for more details.

B. Remove the non-bungeed tubes from the bag and match the labeled numbers to the ends of the tubes that you've already placed on the ground.

See Connection Method 1 for the top of the frame, and Connection Method 2 for the bottom of the frame.

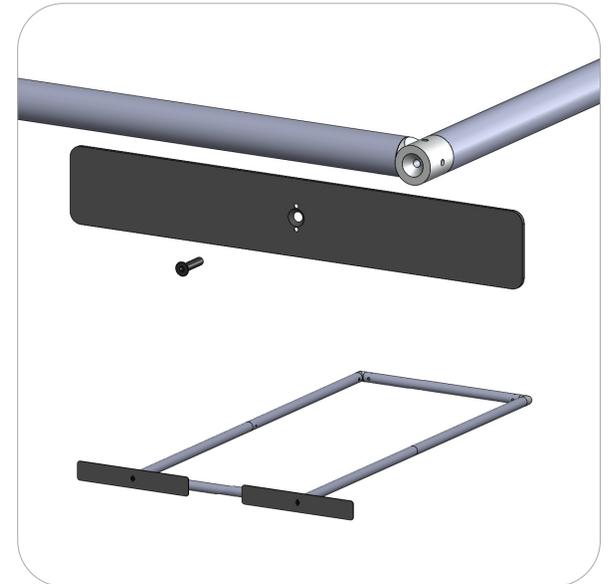


### Step 2.

Attach the feet by removing the bolt from the bottom of the upright tubes, placing the foot against the frame, and inserting the bolt through the foot and into the frame so the bolt head sits in the countersunk hole and is flush with the foot.

Hand tighten and lay the feet so they sit flat against the floor on their side.

Reference Connection Method 2 for more details.



### Step 3.

Remove one of the light curtains from its box and bring it to the frame.

Check the plugs of the curtain; with the male end toward the top of the frame, unroll the curtain with the bulbs facing down.

Be sure to keep the padding and packaging to protect the lights during storage and shipping.



### Step 4.

Hook the light curtain clips into the two holes at the top of the frame closest to the side.



# Kit Assembly

## Step by Step

### Step 5.

Unroll the light curtain and leave the bottom loose.

Repeat Steps 4-6 until all curtains have been hooked to the top of the frame.



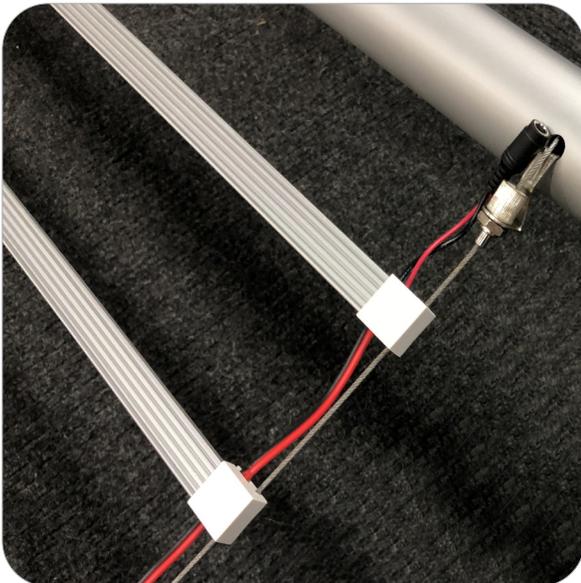
### Step 6.

Insert any excess cable of the light curtains into the hole of its connected hook to prevent it from pushing against the graphic.



### Step 7.

Move to the bottom of the frame and insert the light hooks from the bottom of the curtains into the holes.



### Step 8.

Tighten the curtain light cables so that the curtain is tight with the frame and take any excess cable and inset it into the bottom hole to prevent it from pushing against the graphic.

See page 4 for indepth instructions on tightening the curtain.



# Kit Assembly

## Step by Step

### Step 9.

Rotate the feet to their correct, perpendicular orientation.

With the frame still laying on the ground, pull the pillowcase graphic over the top of the frame to begin fitting.

Make sure the graphic is being installed evenly down both sides of the frame.



### Step 10.

Once the graphic has reached 1/4 to 1/2 way down the frame, you can stand the frame upright to assist in installing the graphic the rest of the way down the frame.

Roll up the padding for the lights and store in the light curtain boxes to use during dismantle.



### Step 11.

Connect the white, male end of the transformer cord into the black, female end of each light curtain's cord.



### Step 12.

Zip the bottom of the graphic; one section for each light curtain.



# Kit Assembly

## Step by Step

### Step 13.

Plug in the transformer.

Do not cover or hinder airflow to the transformer as it needs air circulation to work properly.

Set up is complete.

Note: In the US, set the transformer to 115v; international, set it to 230v.

