# Formulate Designer Series 20' Backwall - Kit 10

**FMLT-DS-20-10**

Formulate® Designer Series 20ft displays have unique stylistic features and shapes, are portable and easy to assemble. The aluminum tube frame features snap-buttons and/ or spigot connections and zipper pillowcase fabric graphics. All displays come in portable, wheeled transit cases. Simply pull the pillowcase fabric graphic(s) over the frame and zip.
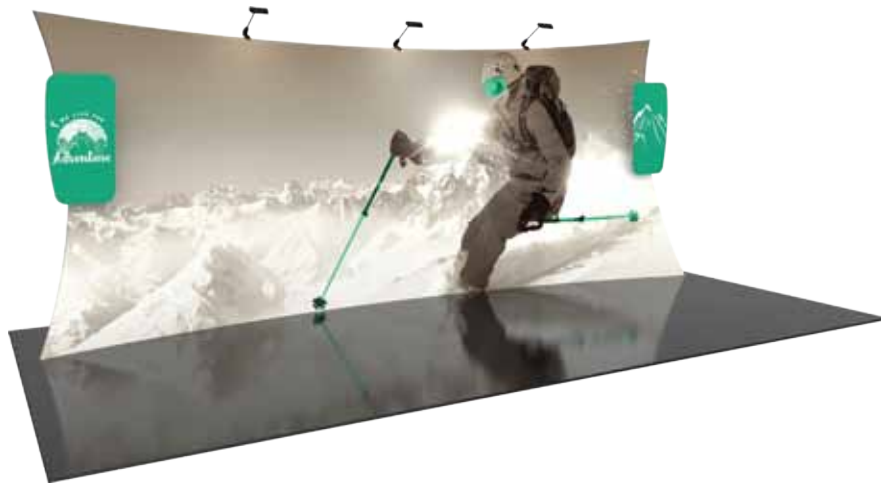
## features and benefits:

- Premium aluminum tube frames with snap button / spigot assembly
- Easy to store and ship
- Quick to set up
- Weighted legs for added stability

- One pillowcase fabric graphic
- Two sintra accent graphics
- Three Lumina 200 display lights included
- Lifetime limited hardware warranty against manufacturer defects

## dimensions:

| Hardware | Graphic |
|---|---|
| **Assembled unit:**<br>229.93"w x 94.19"h x 33.29"d<br>5841mm(w) x 2393mm(h) x 846mm(d)<br><br>**Approximate weight with cases:**<br>87 lbs / 39.5 kgs | Refer to related graphic template for more information.<br><br>Visit:<br>www.exhibitors-handbook.com/ graphic-templates |

| Shipping | |
|---|---|
| **Packing case(s):**<br>1 OCE<br>1 OCH2<br><br>**Shipping dimensions:**<br>OCE: Expandable case length (l) may vary<br>40" - 66"l x 18"h x 18"d<br>1016mm-1677mm(l) x 458mm(h) x 458mm(d)<br><br>OCH2:<br>52"l x 30"h x 14"d<br>1321mm(l) x 762mm(h) x 356mm(d)<br><br>**Approximate total shipping weight**<br>(includes cases & graphics):<br>108 lbs / 49 kgs | |

## additional information:

Graphic material:
dye-sublimation zipper pillowcase fabric

**affordable exhibit** displays inc

# Included In Your Kit

HEX KEY SET x1

ES30   x6
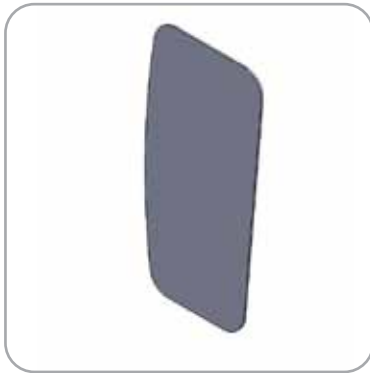
ES50-1  x16

LUM-LED-ORL-B x3
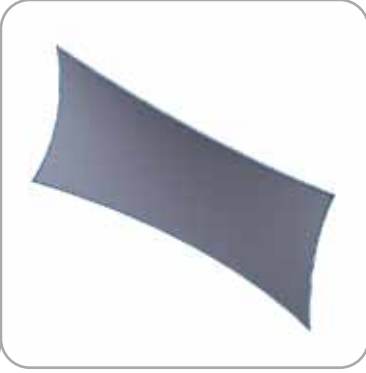
FMLT-DS-20-10-A-G

FMLT-DS-20-10-B-G

FMLT-DS-20-10-C-G

# Included In Your Kit

Tubes

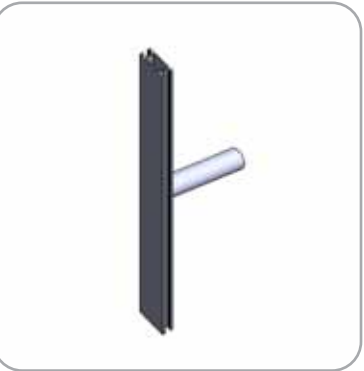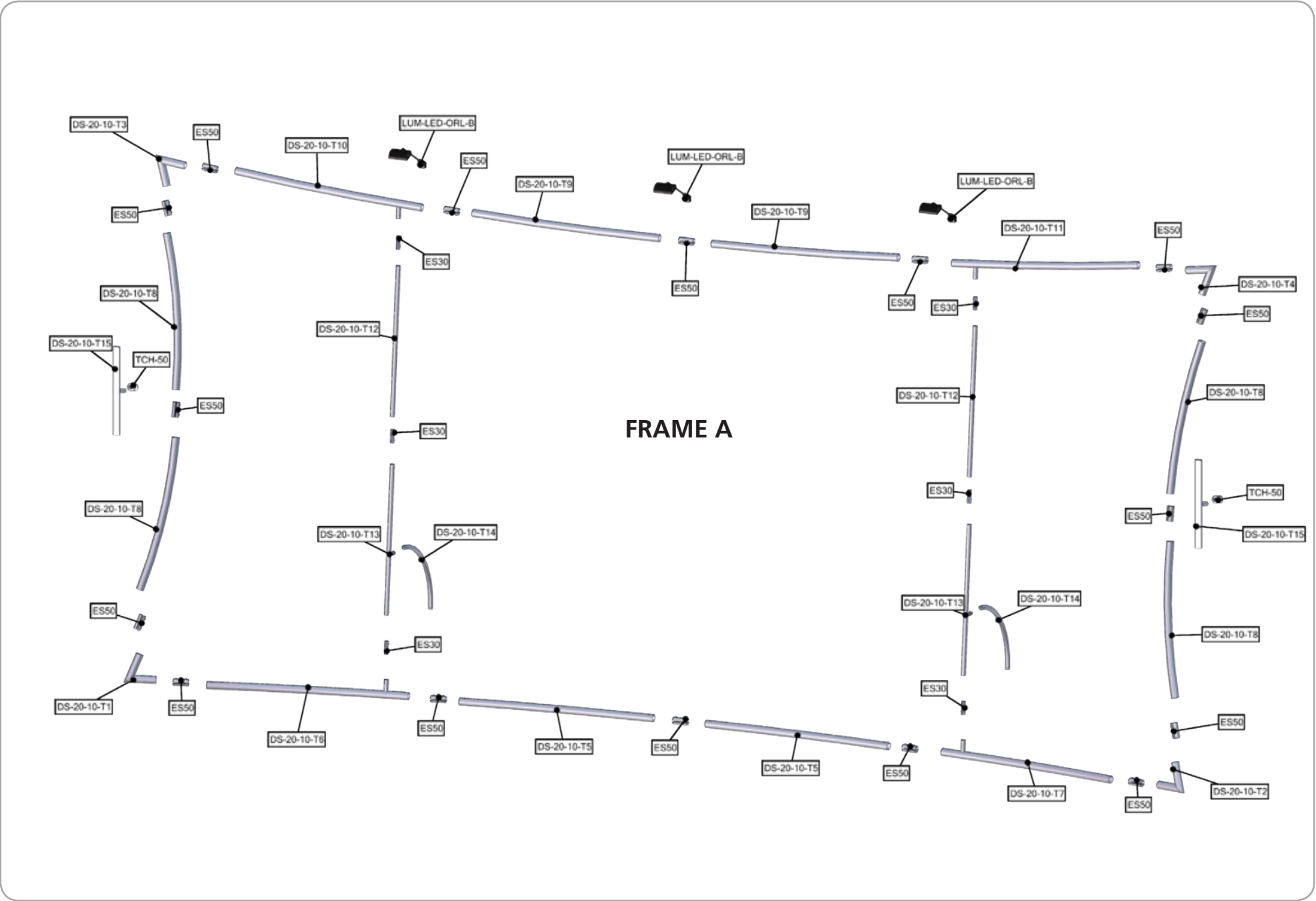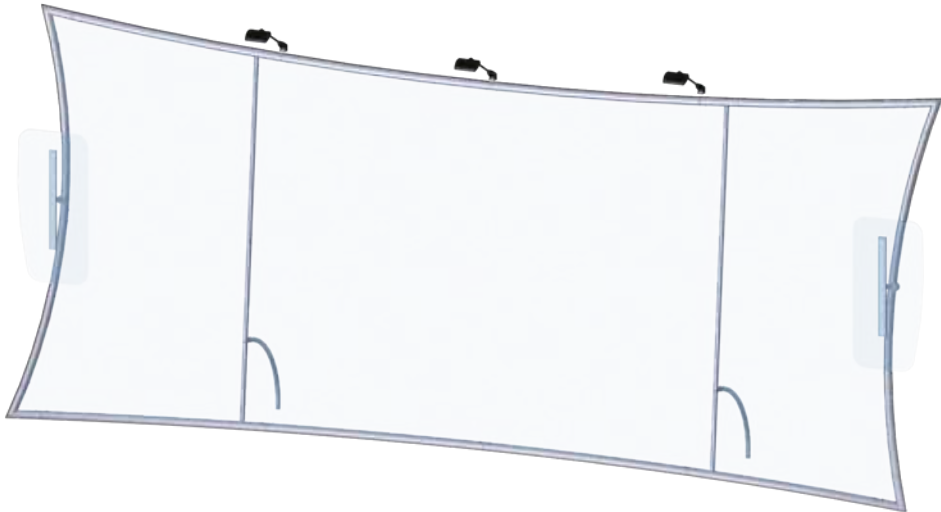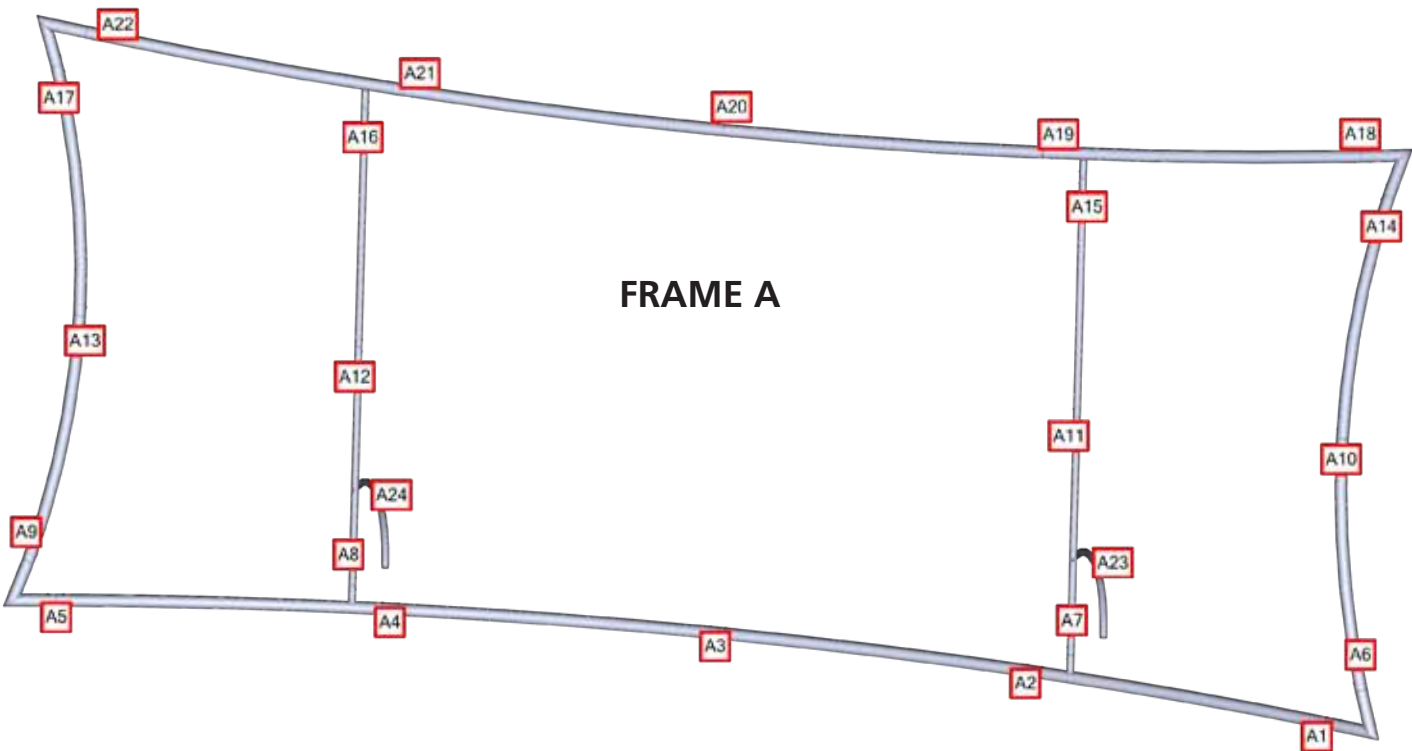| | | | | |
|---|---|---|---|---|
| FMLT-DS-20-10-T1 x1 | FMLT-DS-20-10-T2 x1 | FMLT-DS-20-10-T3 x1 | FMLT-DS-20-10-T4 x1 | FMLT-DS-20-10-T5 x2 |
| FMLT-DS-20-10-T6 x1 | FMLT-DS-20-10-T7 x1 | FMLT-DS-20-10-T8 x4 | FMLT-DS-20-10-T9 x2 | FMLT-DS-20-10-T10 x1 |
| FMLT-DS-20-10-T11 x1 | FMLT-DS-20-10-T12 x2 | FMLT-DS-20-10-T13 x2 | FMLT-DS-20-10-T14 x2 | FMLT-DS-20-10-T15 x2 |

# Exploded View



FRAME A

DS-20-10-T3
ES50
DS-20-10-T10
LUM-LED-ORL-B
ES50
LUM-LED-ORL-B
DS-20-10-T9
LUM-LED-ORL-B
ES50
DS-20-10-T9
DS-20-10-T11
ES50
DS-20-10-T4
ES50
ES30
ES50
DS-20-10-T8
DS-20-10-T12
ES50
ES30
DS-20-10-T15
TCH-50
DS-20-10-T12
DS-20-10-T8
ES50
ES30
DS-20-10-T8
DS-20-10-T8
ES30
DS-20-10-T13
DS-20-10-T14
TCH-50
ES50
DS-20-10-T15
ES50
DS-20-10-T13
DS-20-10-T14
ES30
DS-20-10-T1
ES50
ES30
DS-20-10-T6
ES50
DS-20-10-T5
ES50
ES50
DS-20-10-T5
ES50
DS-20-10-T7
DS-20-10-T2
ES50

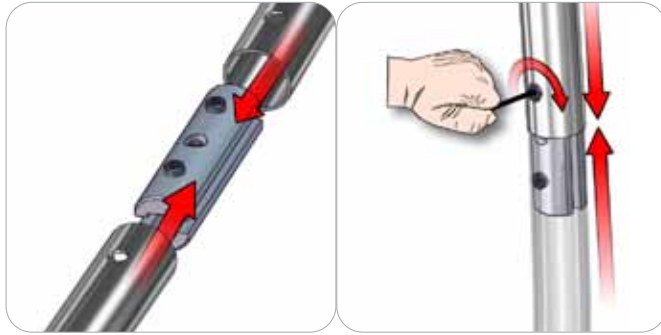# Labeling Diagram

FMLT-DS-20-10

FRAME A

OVERVIEW

# Connection Methods

Formulate™ structures use a number of different yet simple connection methods. Your kit will include one or more of the connection methods shown below. Steps within the Kit Assembly will reference a specific method for each connection point.

**Connection Method 1:**
**ES30 / ES50 / ES75**

Compress the unlocked connector and slide one tube onto each end. Lock both screws carefully using your hex key tool. Be sure to lock securely, but do not overtighten.

**Connection Method 2:**
**Snap Buttons & Swage**
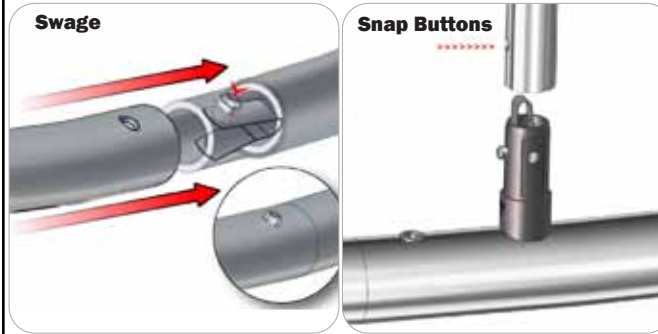
**Swage**

**Snap Buttons**

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.

**Connection Method 3:**
**ES30-90B / ES30-I / ES30-C**

ES30-90B          ES30-90B

Compress one unlocked end of the connector and slide it through one tube end. Compress the other end of the connector and slide the second tube on. Lock both screws carefully using your hex key tool. Be sure to lock securely, but do not overtighten.

**Connection Method 4:**
**Tube Clamps**

TCP          TC          TCH

Be sure to fully assemble all frames before using clamps. With the clamp unlocked, place one tube of the first frame into the mouth of the clamp. Place the second tube (if applicable) into the second mouth of the clamp. With both frame's tubes in the clamp, be sure to lock securely, but do not overtighten.
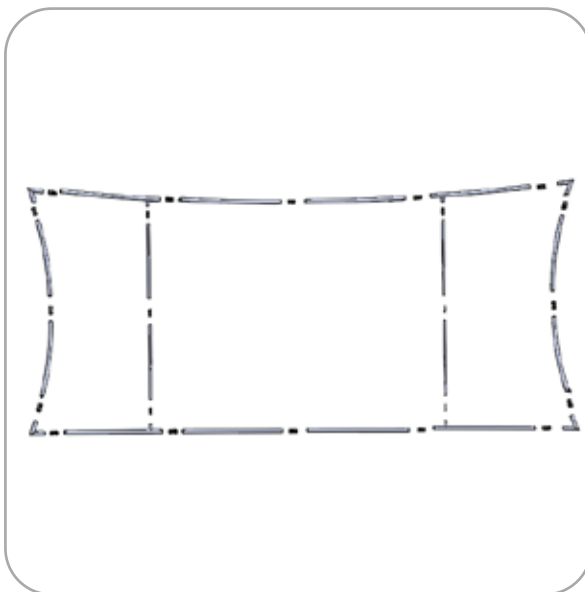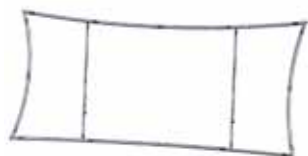
# Kit Assembly

Step by Step

## Step 1.

Gather the components neccessary for assembling Frame A and lay them flat on the floor. Assemble in the order the Labeling Diagram instructs. Lock your connectors into place using the provided hex key set.
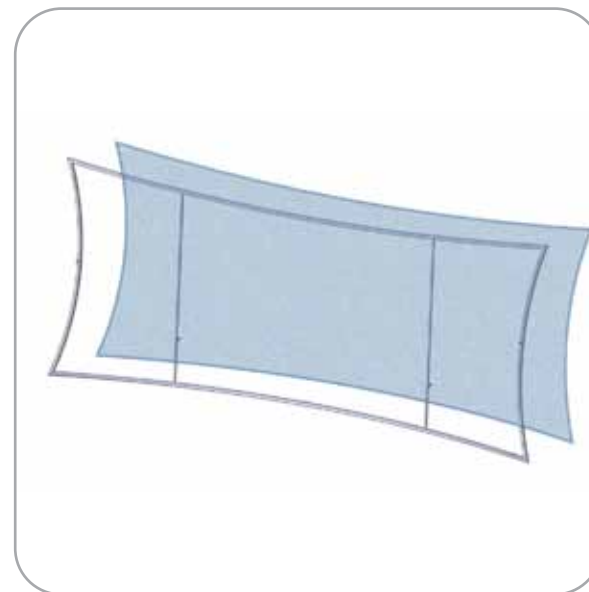
Please reference Connection Method 1 for more details.

## Step 2.

With the frame laying flat on the floor, locate your pillowcase A graphic. With the pillowcase unzipped, encase the frame by covering the frame from top to bottom.
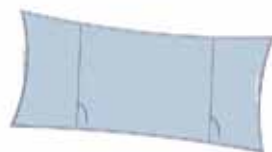
Zipper Located on left side and bottom of Graphic A.

## Step 3.

Attach the legs by snapping them into the TC-30-C connectors located on the rear side of your frame.

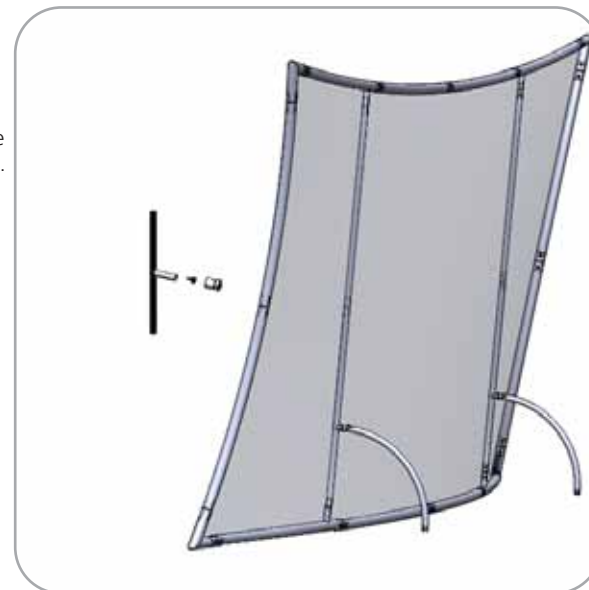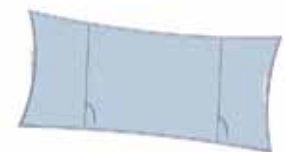Please reference Connection Method 2 for more details.

## Step 4.

With the provided hex key set, attach the FMLT-DS-20-10-T15's assemblies onto Frame A. One the left side and one on the right side.

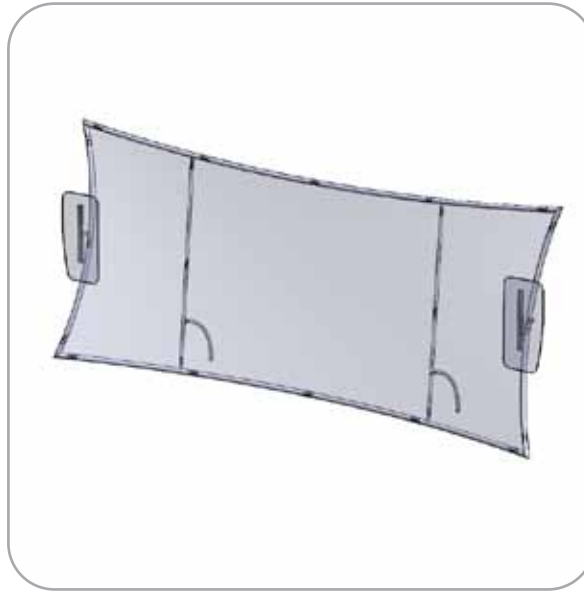Please reference Conncection Method 4 for more details.
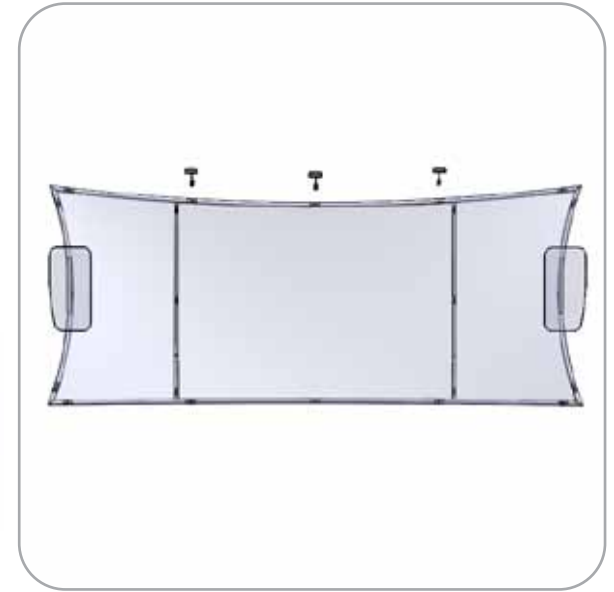
# Kit Assembly

Step by Step

## Step 5.

Using veclro, attach the sintra accent graphics to the flat face of the FMLT-DS-20-10-T15's.



## Step 6.

Attach the lights using the provided clamps.

Please reference Connection Method 4 for more details.

Your FIRST AND ONLY choice for trade show displays since 1994.

POP UP DISPLAYS

BANNER STANDS

TRADE SHOW DISPLAYS

AffordableDisplays.com

affordable
exhibit
displays inc

Partnering together to perfectly present your image.