

TigerBrite

By Tiger Presentations

117" × 91" SETUP INSTRUCTIONS



TigerBrite Lightbox
Instructional Videos Available



tigerpresentations.com/tigerbrite-how-to

What's Included in your 117" × 91":



- 1 Frame Bag (14")
- 14 Tubes
 - 8 Tubes with Anchors
 - 6 Tubes no Anchors
- 4 Elbows (white plastic)



- 4 Brite Panel Bag
- 4 Brite Panel



- 1 Transformer Bag
- 2 Transformers
- 1 Drop Cloth
- 1 Gloves



- 2 Support Pole(s)



- 2 Feet with Peg



- Graphic(s) in Plastic Bag(s)

*Images for Illustration only, may not reflect your exact frame size
Non-backlit displays include all items above except Brite Panel Bags, Brite Panels, and Transformers*



These instructions are designed for Backlit and Non-Backlit Displays.

If your display has lights, follow all steps.

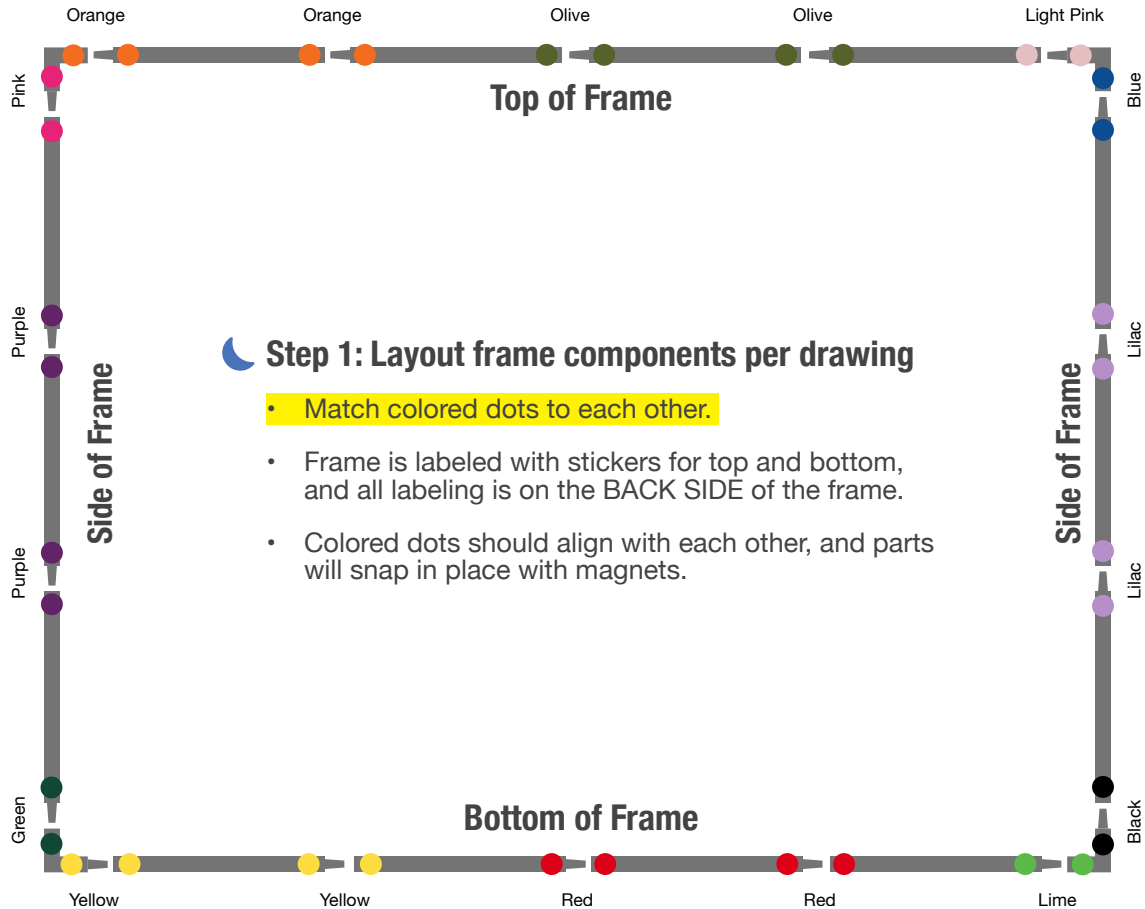
If your display does not have lights, follow the steps marked with the Moon symbol (below)



Quick Start Guide

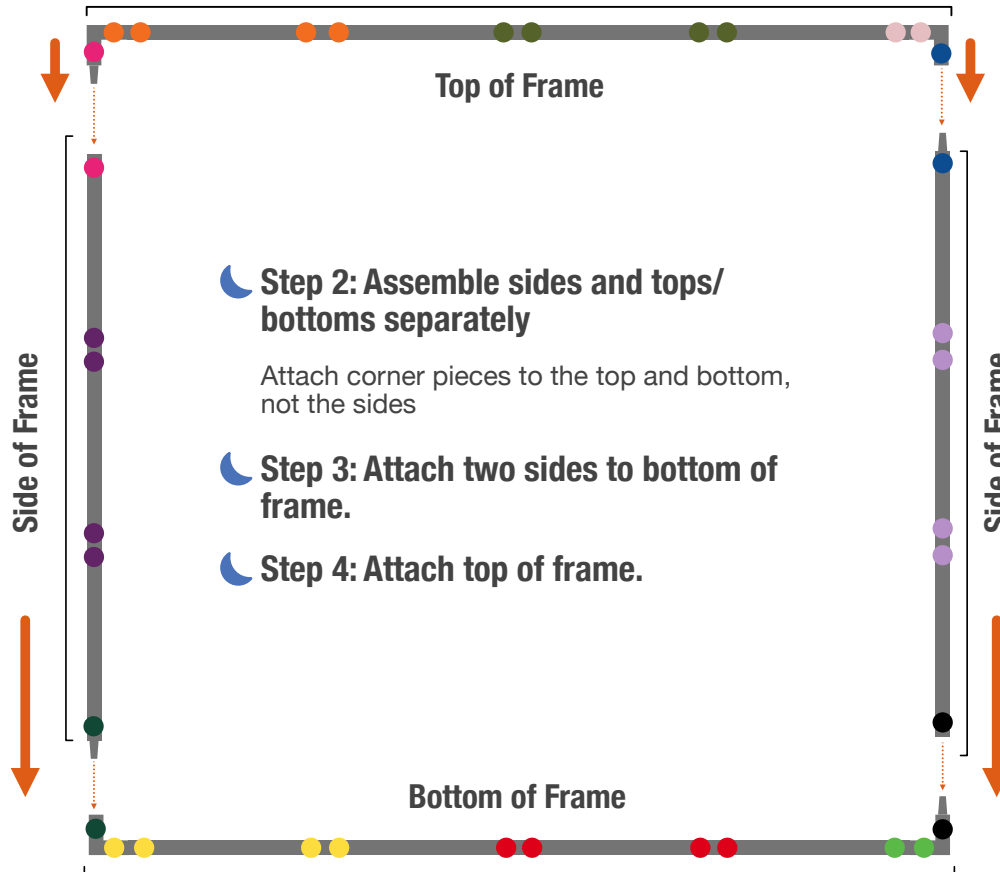
1. Set up frame (Pages 1-2)
2. Install lights (Pages 3-6)
3. Check for correct assembly (Pages 8-10)
4. Install graphic (Pages 12-15)
5. Install feet and transformers (Pages 16-18)

Plug in and enjoy!



Step 1: Layout frame components per drawing

- Match colored dots to each other.
- Frame is labeled with stickers for top and bottom, and all labeling is on the BACK SIDE of the frame.
- Colored dots should align with each other, and parts will snap in place with magnets.

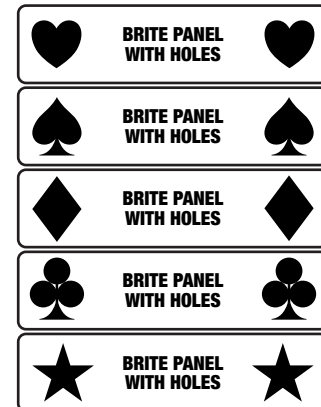


Your Brite Panels may have holes for a monitor stand. Bags containing Brite Panels with holes are marked when they leave the factory.

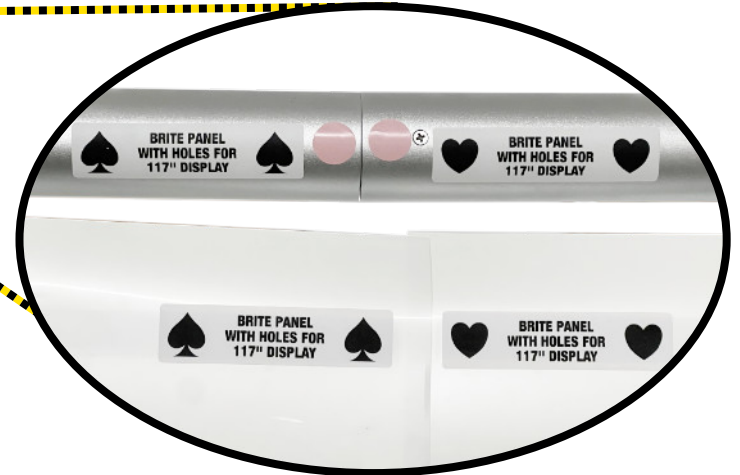
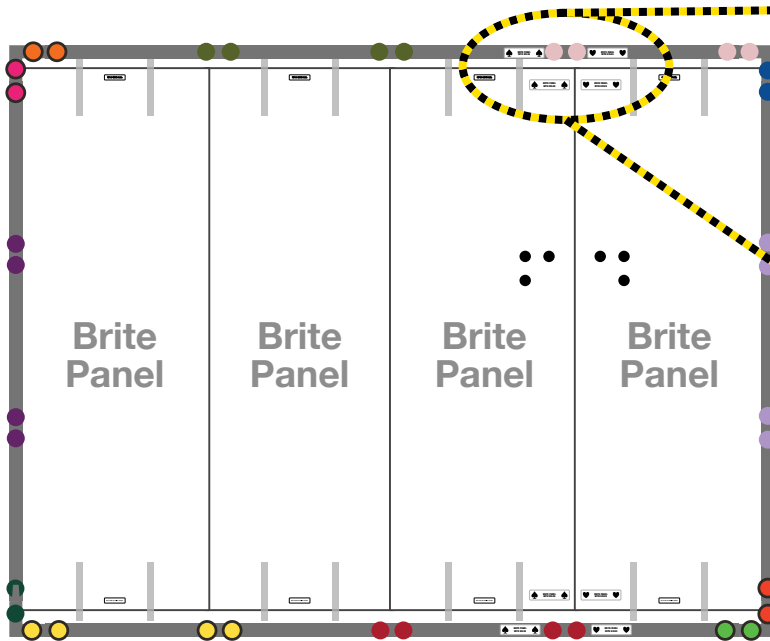
Common locations for the holes are below



The frame and lights are marked with labels (below) to show where special lights belong.



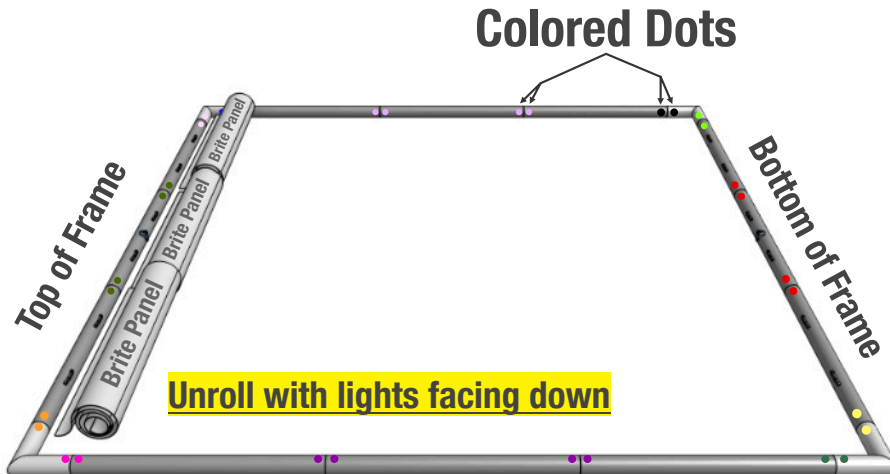
Match the labels on light and frame.



**Example of Brite Panel
And Frame Labeling**

Rear of Display

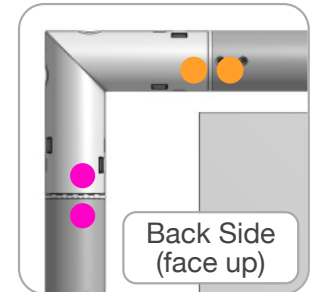
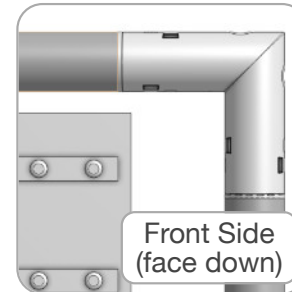
**Illustration only, may not reflect your exact frame size*



**Illustration only, may not reflect your exact frame size*

Step 5:

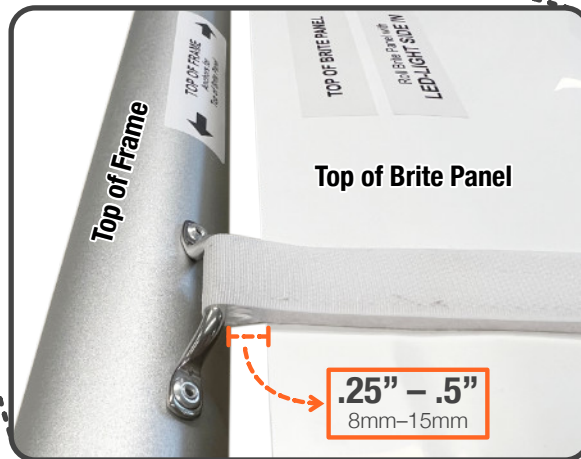
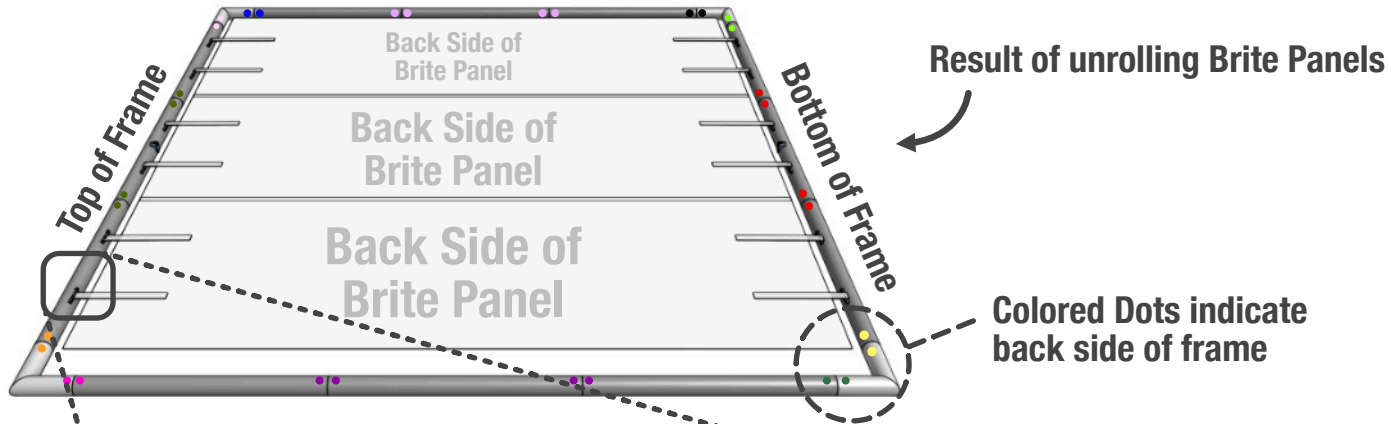
With the frame lying down, stickers facing up, unroll the Brite Panels (white plastic with LED lights) and place them within the frame.



- 1. Colored dots on frame face up**
- 2. Lights on Brite Panels face down**

TigerBrite Display Instructions

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**Illustration only, may not reflect your exact frame size*

Step 6:

Thread velcro straps through top anchors

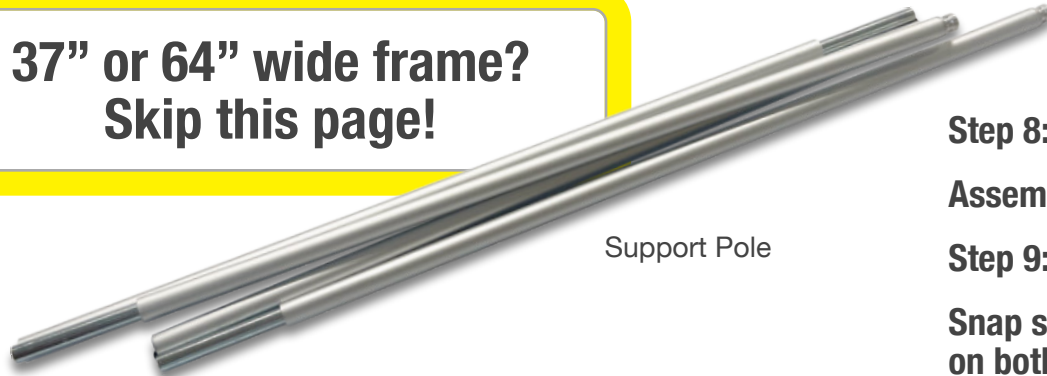
Attach top velcro tightly (shown left)

Step 7:

Thread velcro straps through bottom anchors

Attach bottom velcro loosely until Step 11

**37" or 64" wide frame?
Skip this page!**



Support Pole

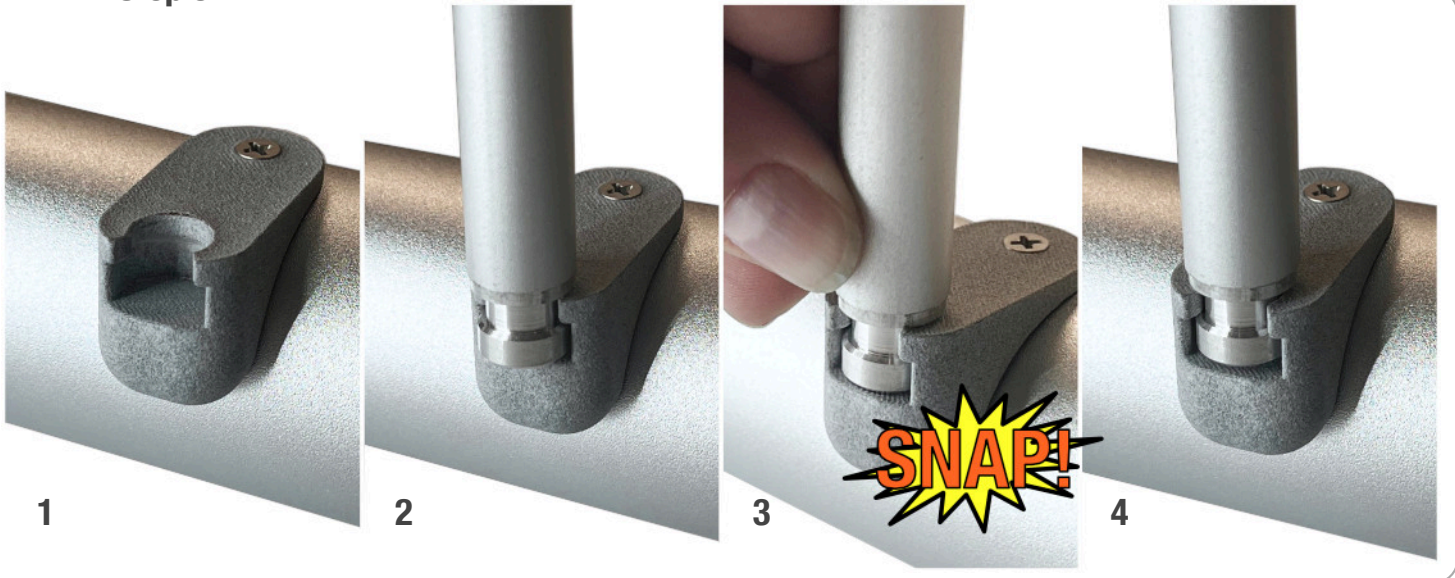
Step 8: (For 91"×91" & 117"×91")

Assemble the Support Pole

Step 9: (For 91"×91" & 117"×91")

Snap support poles into receivers on both top and bottom of frame

Step 9:



Before continuing, ensure your frame is assembled correctly.

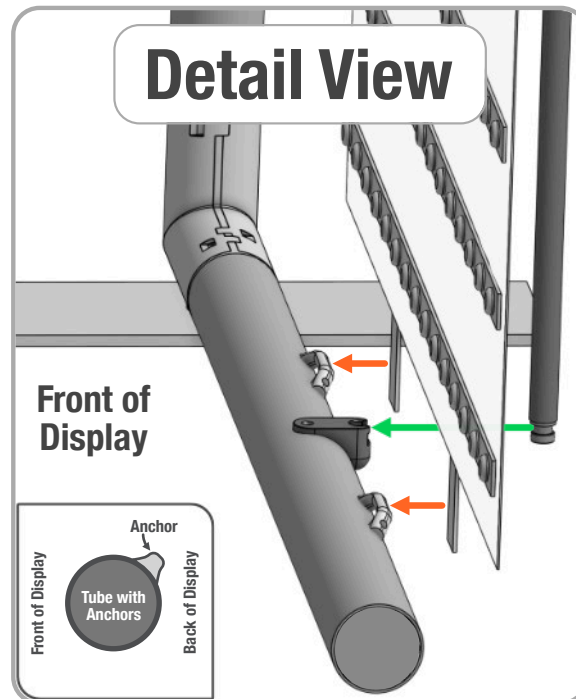
Lights face the front of the frame and are offset toward back side of frame.
Support pole is behind the back of the Brite Panel.

**Images below are for reference only, your frame may differ in size, etc.*

Colored Dots indicate
back side of frame



**Front of Display
Graphic Side**



Detail View

Front of Display

Front of Display

Anchor

Tube with
Anchors

Back of Display

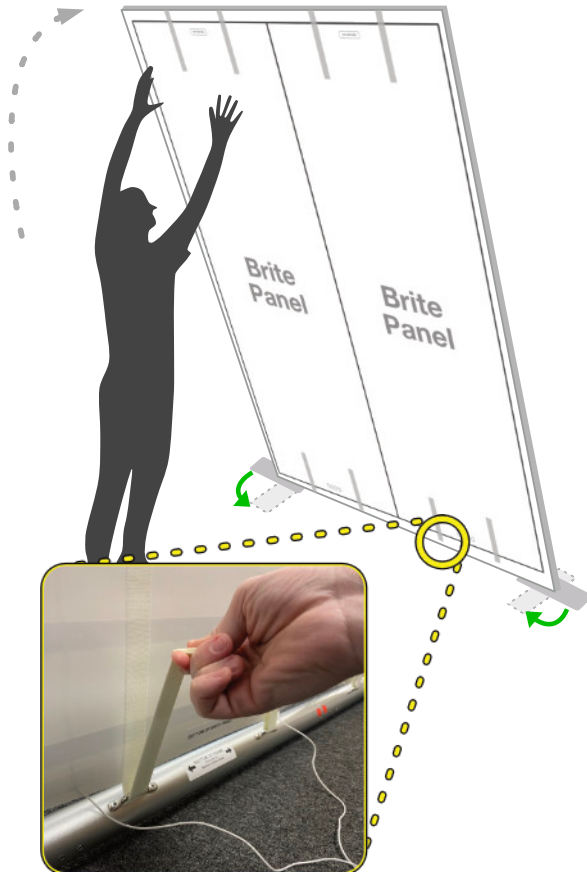
Support Pole



**Back of
Brite Panel**

Back of Display

**Illustration only, may not reflect your exact frame size*



Step 10:

Temporarily install feet by inserting pegs into holes in bottom corners of the frame



Stand the frame up, allowing the lights to stretch as far down as they can.

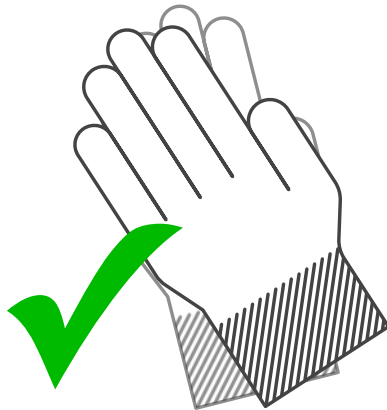
Step 11:

Re-cinch the bottom velcro straps for a snug fit.

This step is critically important to get the best performance from your TigerBrite. The stretchy velcro is designed to have tension applied.



**DO NOT PROCEED UNTIL YOU
HAVE COMPLETED STEP 11:
Re-Cinch Bottom Velcro Straps**



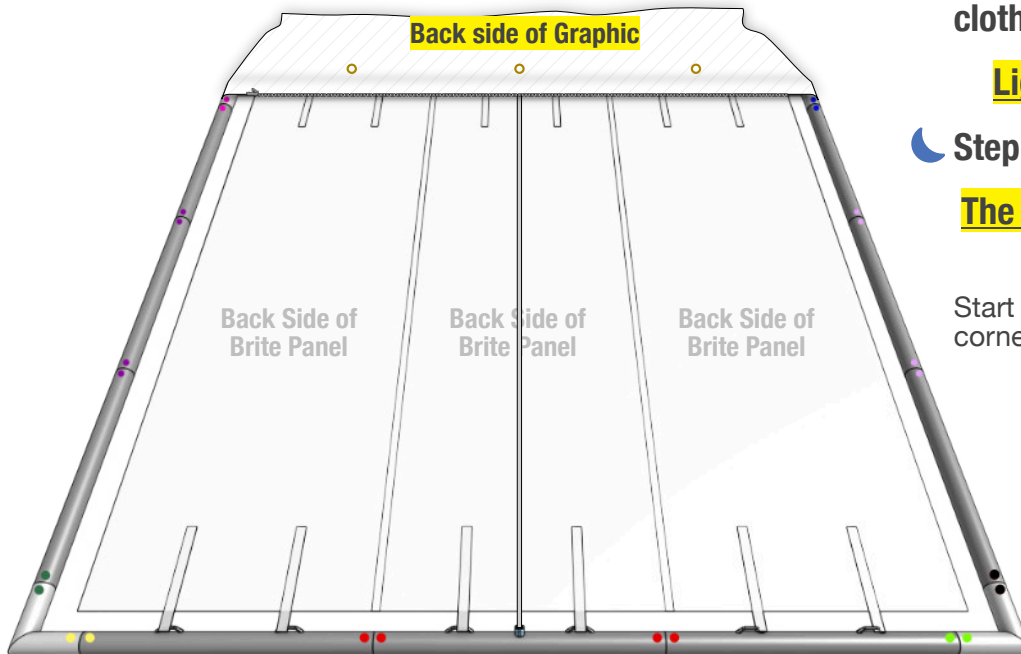
☾ Preparing for your Graphic:

The drop cloth and cotton gloves (in your transformer bag) are included to help reduce dirt/grime on your graphic.

1. Lay out the included drop cloth

2. Wash your hands, or use the included cotton gloves.

Top of Frame



Bottom of Frame

**Illustration only, may not reflect your exact frame size*

🌙 **Step 12: Lay the frame down on the drop cloth to install graphics. Remove the feet.**

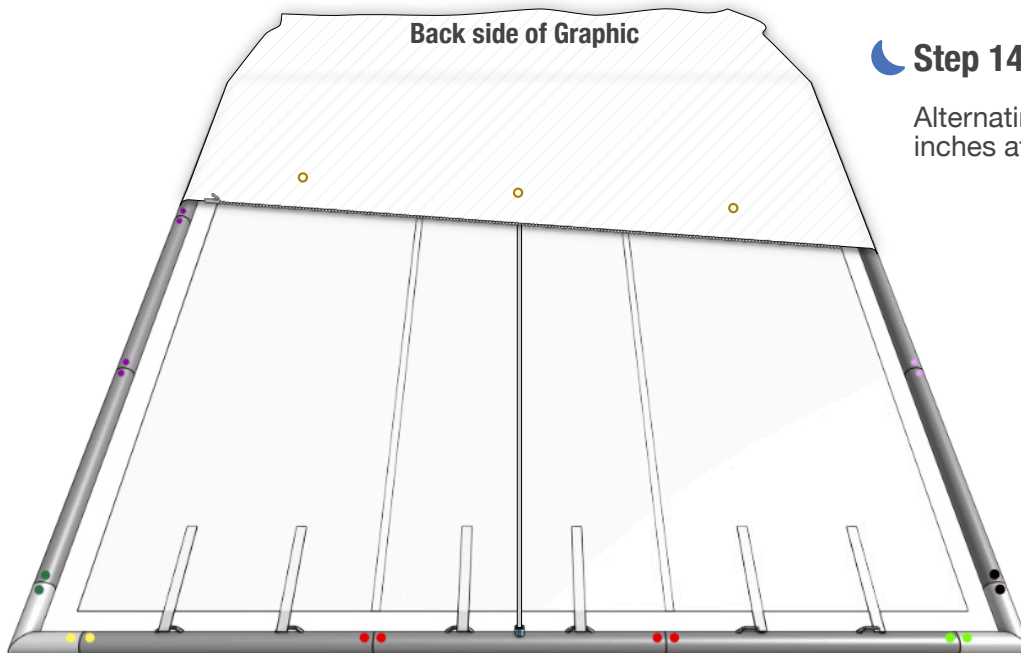
Lights should face the ground.

🌙 **Step 13: Install the Graphic.**

The graphic side of the fabric pillowcase faces the floor.

Start by ensuring the graphic is fully on both corners of the frame before proceeding.

Top of Frame



Step 14: Install Graphic (continued)

Alternating sides, slide the graphic a few inches at a time.

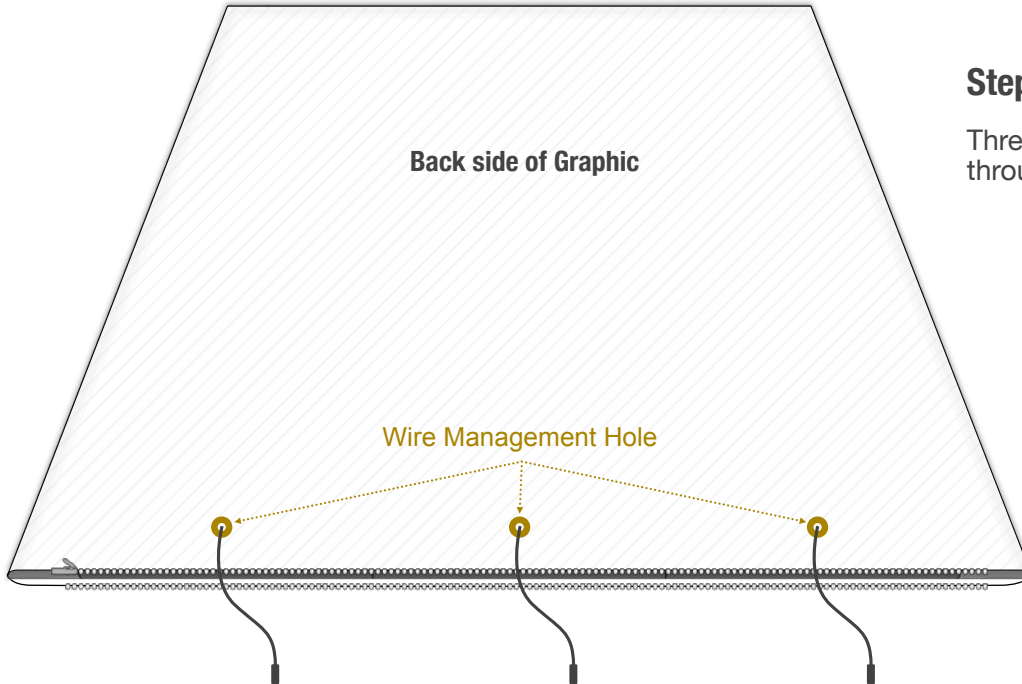
Bottom of Frame

**Illustration only, may not reflect your exact frame size*

Top of Frame

Back side of Graphic

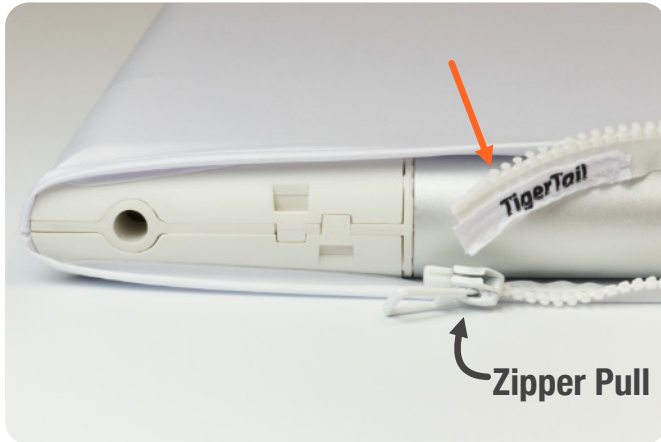
Wire Management Hole



Step 15:

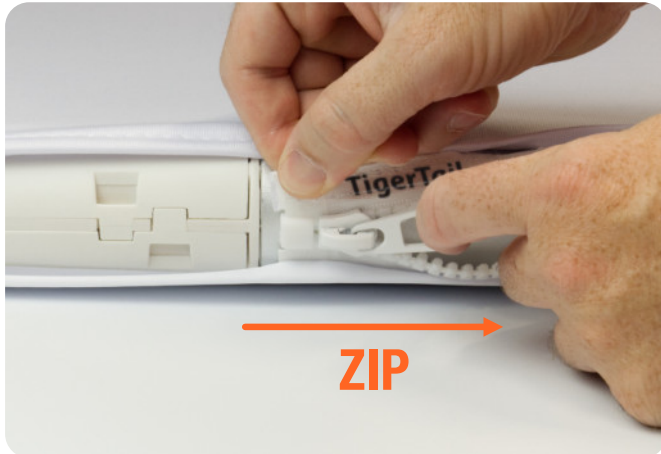
Thread the Brite Panel power cords through the wire management holes.

**Illustration only, may not reflect your exact frame size*



- Step 16: Find the TigerTail on your zipper and feed it into the zipper pull.

The TigerTail is intentionally not sewn to the end as this aids in getting the zipper started.



- Step 17: Zip the graphic across the bottom of the frame



**Illustration only, may not reflect your exact frame size*

☾ **Step 18. Install feet by inserting the metal pegs into the holes visible at the bottom of the frame.**

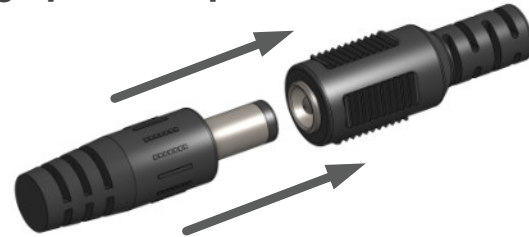


☾ **Step 19. Stand the display up and rotate feet into position**





Step 20. Plug in transformer and connect transformer cables to the wires pulled through the graphic in step 15.



NOTE: Transformer has a fan for cooling, which must be left open to prevent overheating.

Stickers on the transformer indicate which side faces down.



TigerBrite Deluxe Dimmer Kit

Display too bright? Add a dimmer!

Your display may have included a dimmer, which allow for adjustment of the brightness of your display. This can be especially relevant for light-colored or white graphics.

If a dimmer was not included in your display originally, it is an easy upgrade after purchase.



Transformer plugs in here



Brite panels plug in here



☾ Repacking:

For maximum product lifespan, we recommend always packing in the designated padded bags (as seen below).



**Frame Bag
(tubes, corners,
support pole only)**



Brite Panel Bag



Transformer Bag



**Graphic in
zip-lock bag**

Electrical Information

TigerBrite Electrical Rule of Thumb

120V: 10 Amps per transformer in your display

Don't forget -- you may also have TVs, Laptops, or other electrical devices that require power.



**TigerBrite 117x91
(2) Transformer**

**800 Watt
20 Amp**

Electrical Details

91" Brite Panel

Actual Dimensions:
28"W x 85.25"L
15 LEDs per Strip
23 Strips Per Brite Panel

Power Requirements

Input Voltage: 24V DC
Watts:
172.5W per 91" Brite Panel
Amps:
7.1875A per 91" Brite Panel

Power Supply Details

AC Input: Switchable
100-120V AC, 10A
200-240V AC, 6A
DC Output:
24V at 18.8A
Total 450W



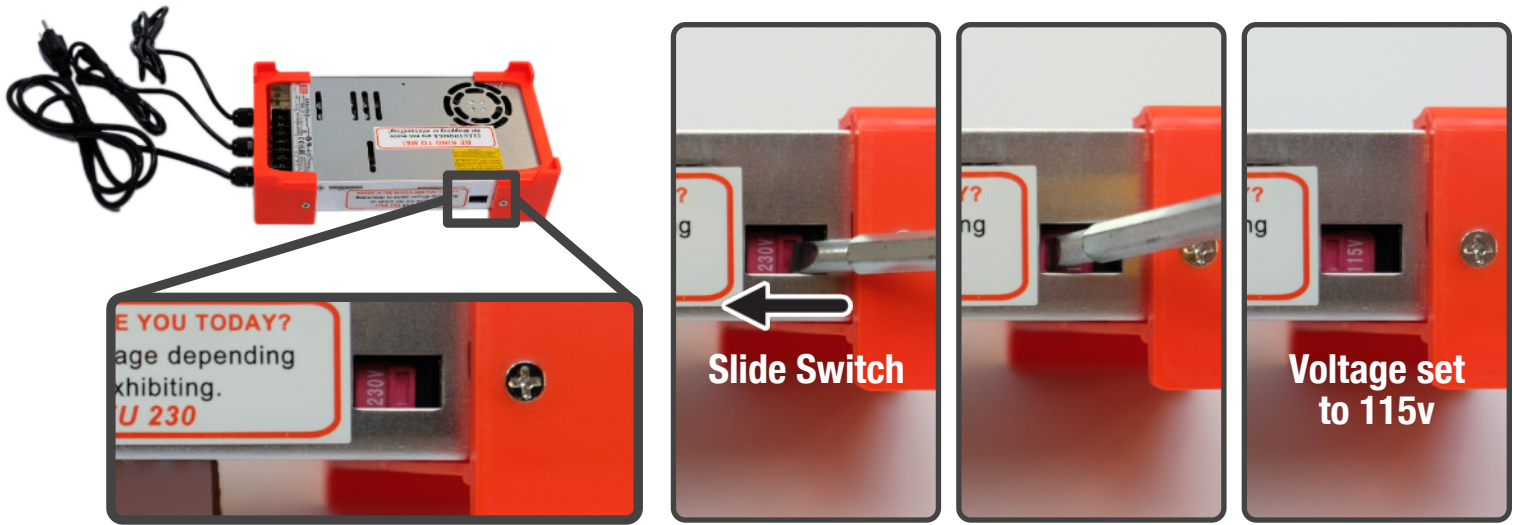
Brand: Meanwell
Model: LRS-450-24
UL Listed: E183223

<https://www.meanwell.com/webapp/product/search.aspx?prod=LRS-450>

One 450W power supply can safely power two (2) 91" Brite Panels, including a 20% margin for added stability.

The Brite Transformer is designed to be used in either 115v or 230v countries, which covers all of North America, Europe, and more.

STOP! ⚡ Before Proceeding, Unplug the Transformer!! ⚡



To change the input voltage, flip the recessed switch on the side of the transformer. This requires the use of a screwdriver, pen, or other long pointed implement.

Troubleshooting

1. **Bright spots on graphics** – Your lights are too loose, to correct refer to *Pages 6 and 9*. Alternatively, you may have installed the lights backwards. Refer to *Pages 6 and 8* to ensure correct direction of installation.
2. **My display is not bright** – Your lights may be installed in the frame backwards. Refer to *Pages 6 and 8* for correct position and orientation. Lights should face the same direction as your graphic.
3. **Pole visible in graphic** – Support pole is installed in front of lights, to correct refer to *Pages 7 and 8*.
4. **Transformer is not working** – Make sure the transformer is plugged in and has power and that the lights are plugged into the transformer. Check for loose wires. Refer to *Page 17*.
5. **Transformer is not working** – The transformer is designed for 115v or 230v locations. Make sure the transformer voltage switch is in the correct position. Switch to change voltage is on side of transformer. Refer to *Page 21*.
6. **Transformer is hot or has shut down** – Unplug the transformer. Let it cool before you plug it back in. Make sure the fan faces up. Refer to *Page 17* for transformer orientation.
7. **My display is too bright** – Ask your representative about our Deluxe Dimmer add-on (*Page 18*).



Have a great show!

US Patent No. 11,384,531

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TB-11791-240326

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