RGB Ribbon Tree Build Kit Instructions

Package Includes:
HDPE Topper & Ground Plate
Pixel Mounting Strip Roll x2
Strain Relief Brackets x32
4in Cable Ties x75
8in Cable Ties x25

Step 1: Cut Strips

Roll out a section of Pixel Mounting Strip that is 17ft 3in long (or 207in) and cut past the small holes.

Step 2: Attach Strain Relief and Ribbon

Starting at the top (left picture) attach a strain relief bracket using 4in cable ties. Skip one set of holes and attach the end of the ribbon using a 4in cable tie. Continue attaching the ribbon to the strip using cable ties about every 2-3ft. Then at the bottom (right picture) skip 3 sets of holes and attach another strain relief bracket.

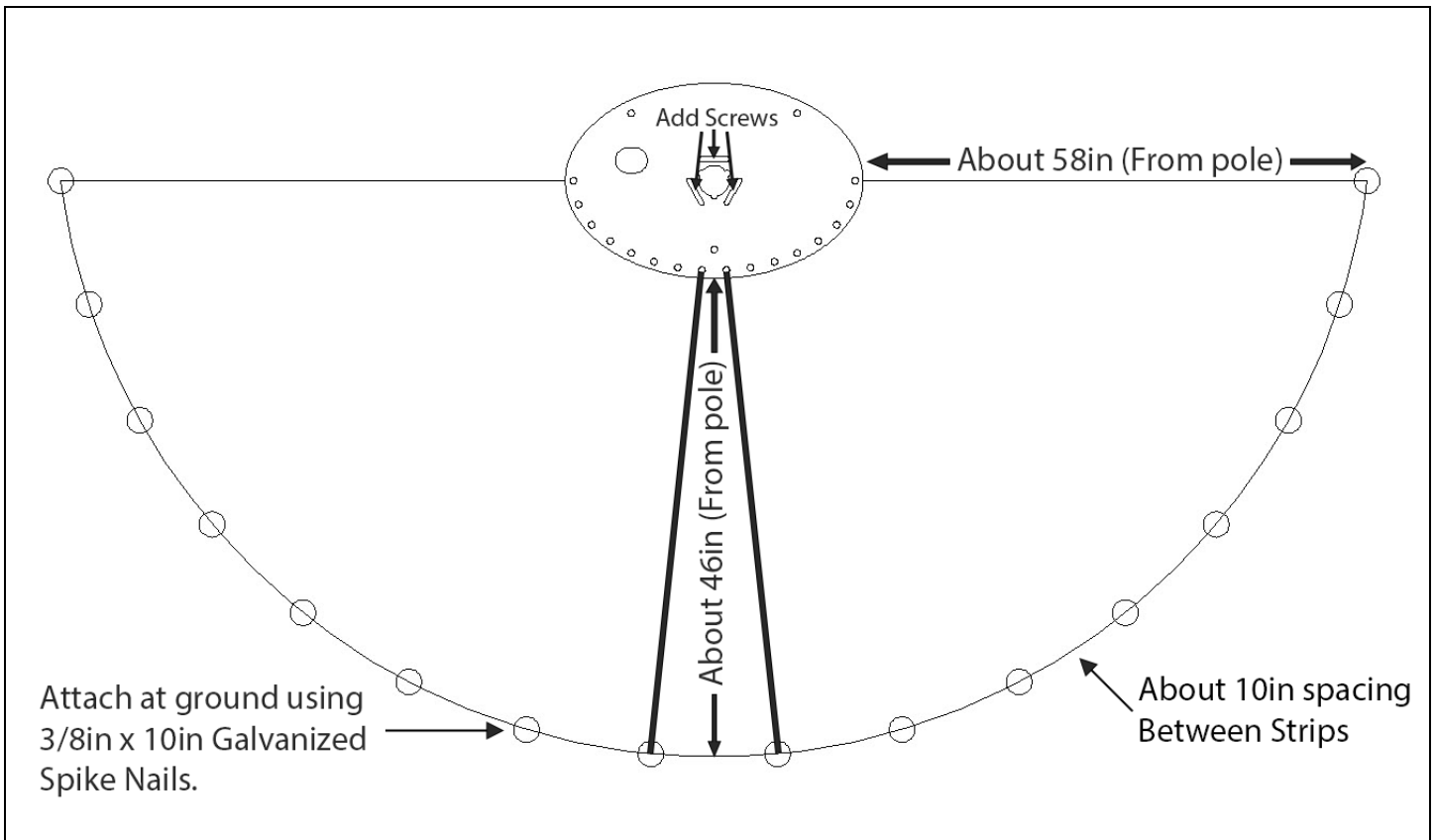Repeat this process until you have all 16 complete.
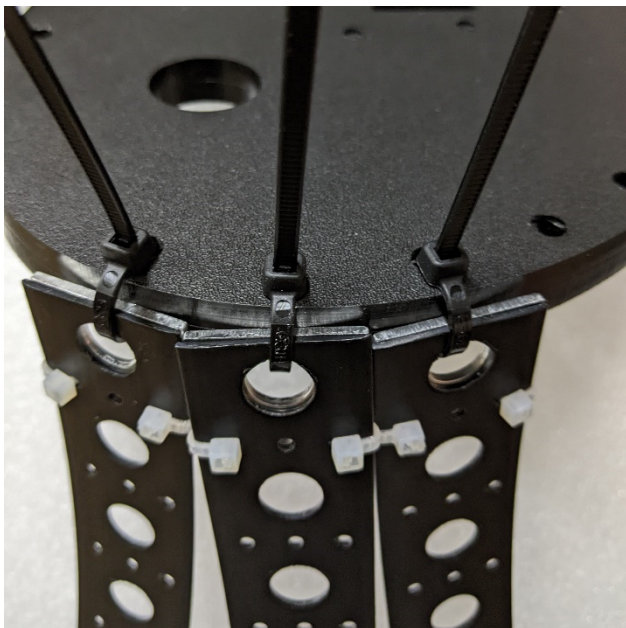
Step 3: Attach Strips to Topper

Lay out all of the strips with ribbons attached in front of the area where you are going to install the tree. From left to right attach the strips to the topper using large zip ties.

Step 4: Prepare Pole

To build the tree you need 2 10ft fence top rails. One needs to be cut on the bottom to 79in. (The top of the pole is the one with the smaller end).

Next attach the guy wires to the topper. There are 3 guy wire points, 1 to the front, and 2 to the back.

Add Screws

About 58in (From pole)

About 46in (From pole)

Attach at ground using
3/8in x 10in Galvanized
Spike Nails.

About 10in spacing
Between Strips

Step 5: Attach Topper to Pole

Place the topper on top of the pole and use three screws to secure topper to pole. It is also a good idea to test that the pole goes on to the ground plate prior to raising tree.

Step 6: Raise Pole and Attach Guy Wires

Note: It is recommended to have 2 or 3 people help with this step until pole is in place and guy wires are secured.

Raise the pole into horizontal position. Place ground plate under pole and use three guy wires to secure the pole in place.

Step 7: Attach Mounting Strips

Next use 3/8in x 10in Galvanized Spike Nails to attach mounting strips to ground following the diagram above. It is recommended to start in the middle and work your way outward.

Step 8: Configure Controllers & Connect Lights

Starting at the left side use RGB Extensions to connect the lights to your Intelligent RGB Controller. The Tree will use all 16 outputs.

To use Pixel Mega Tree timing in WowLights V2 Christmas Sequences configure the controller using the following settings:

	DMX Start Universe	DMX Start Channel	Pixels Connected	Null Pixels	Reverse Addressing	Intenstity Limit(%)	Reversed
SPI Output 1	1	1	50	0	0	100	☐
SPI Output 2	1	151	50	0	0	100	☐
SPI Output 3	1	301	50	0	0	100	☐
SPI Output 4	1	451	50	0	0	100	☐
SPI Output 5	2	91	50	0	0	100	☐
SPI Output 6	2	241	50	0	0	100	☐
SPI Output 7	2	391	50	0	0	100	☐
SPI Output 8	3	31	50	0	0	100	☐
SPI Output 9	3	181	50	0	0	100	☐
SPI Output 10	3	331	50	0	0	100	☐
SPI Output 11	3	481	50	0	0	100	☐
SPI Output 12	4	121	50	0	0	100	☐
SPI Output 13	4	271	50	0	0	100	☐
SPI Output 14	4	421	50	0	0	100	☐
SPI Output 15	5	61	50	0	0	100	☐
SPI Output 16	5	211	50	0	0	100	☐