

Customer Name

Project Name

Part Number



LED DMX Pixel by Pixel Vertical Tube 0.5m
DMX-TUBE-1616™

CE **RoHS**

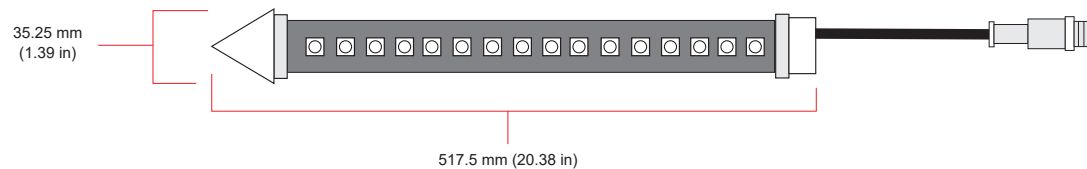
Features

- Double sided effects for 360° viewing angles.
- Full dimming capability 0%-100%.
- Full RGB capability.
- Every LEDs is one RGB Pixel.
- Works with any type of DMX512 control.
- Colorful and vivid effects can easily be achieved.
- If set up in group, great 3D effects can be achieved.
- One year warranty.
- High quality clear plastic casing for optimum optics.

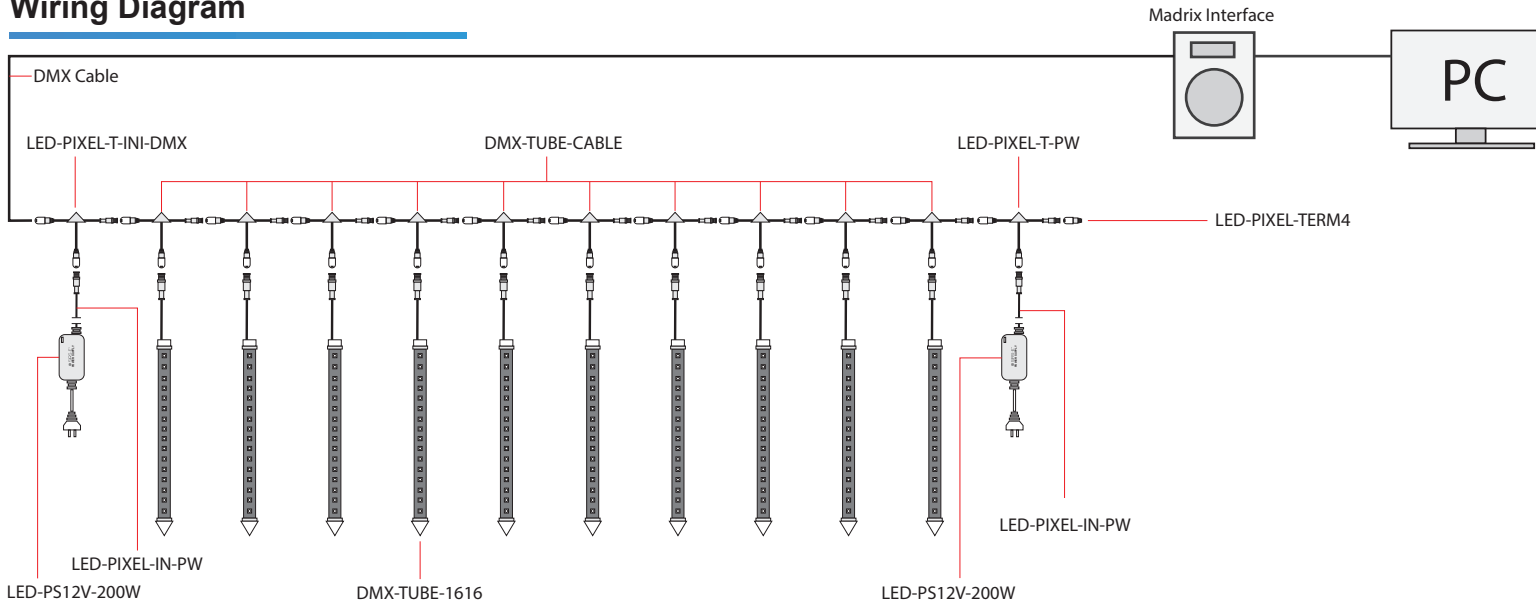
Product Specs

| | |
|-----------------------------|--|
| Model Number: | DMX-TUBE-1616 |
| Operating Voltage: | DC 12V |
| Max Current: | 12W |
| Ambient Temperature: | -20°C ~ 50°C |
| IP Rating: | IP65 |
| LED Type: | SMD RGB 5050 |
| Total LEDs: | 32 (16 on each side) |
| Total Pixels: | 16 |
| Total DMX Channel: | 48 |
| Tubes per Universe: | 10 |
| DMXAddressability: | Manual Addressing with external device (DMX-TUBE-PROG) |
| Viewing Angle: | 360° |
| Housing Materia: | Clear Polycarbonate Plastic |
| Weight: | 180g |
| Dimensions: | 517.5 mm x 35.25 mm x 35.25 mm 20.38 in x 1.39 in x 1.39 in |

Physical Layout



Wiring Diagram



NOTE: You can repeat this setup up to 10 tubes per Universe.

COLOR CODE



NOTES

- The DMX-TUBE-1616 works by connecting a series of them in a, daisy chain.
- They are manually addressed using an external addressing device (DMX-TUBE-PROG).
- The initial DMX signal is acquired by connecting one initial T cable (part number: LED-PIXEL-T-INI-DMX) which provides the main DMX signal input as well as the main 12V DC power input.
- After the initial T Cable, the subsequent cables needed to daisy chain the vert tubes are the LED-PIXEL-T-PW which do not have the DMX connector.
- It is always best to power each 10 tube line that you may have created using the vert tubes from both sides of the line using 2 power supplies (12V 200W each), this will decrease voltage drop and keep everything evenly lit.
- You can have up to 10 Vert Tubes per universe.
- After the first 10 tubes, a new universe will need to be created.

