

FUSE PIXEL24 RGB Indoor/Outdoor Installation Instructions



Warnings and Safety

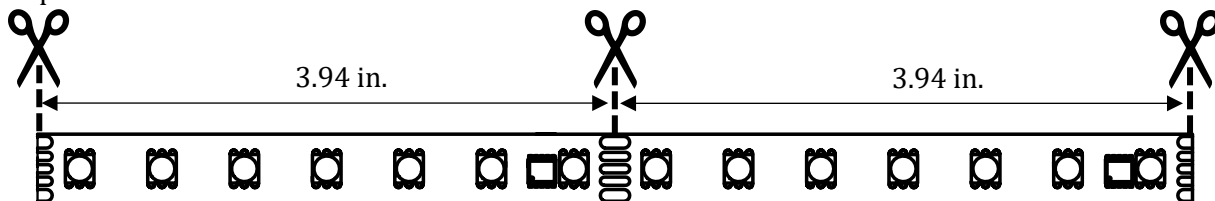
- Please verify the contents of the package!
- Please read instructions before starting the installation.
- Make sure the power is off before installing or modifying the system.
- Call Tivoli LLC tech support with any questions.
- This product is designed to work with listed Class 2, 24V DC transformers only. Use of any other power source will cause damage, shorten the life of the fixture, and will void the warranty.
- Consult any local and national codes for installation.
- Follow basic safety precautions when dealing with any luminaire application to reduce the risk of fire, electrical shock, and/or personal injuries. This lighting system should be installed by a certified professional.

- **Do not** use this product for other than its intended use.
- **Do not** twist, bend, fold, or crease this product.
- **Do not** bend or crease lead wire at solder point.
- **Do not** attempt to remove this product once it has been installed. Attempting to pull the product away from the mounting surface after it has been adhered will cause damage to the product.
- **Do not** use chemical solvents during routine maintenance.
- **Do not** exceed maximum linear run length.
- **Failure to comply will damage the product and void the warranty.**

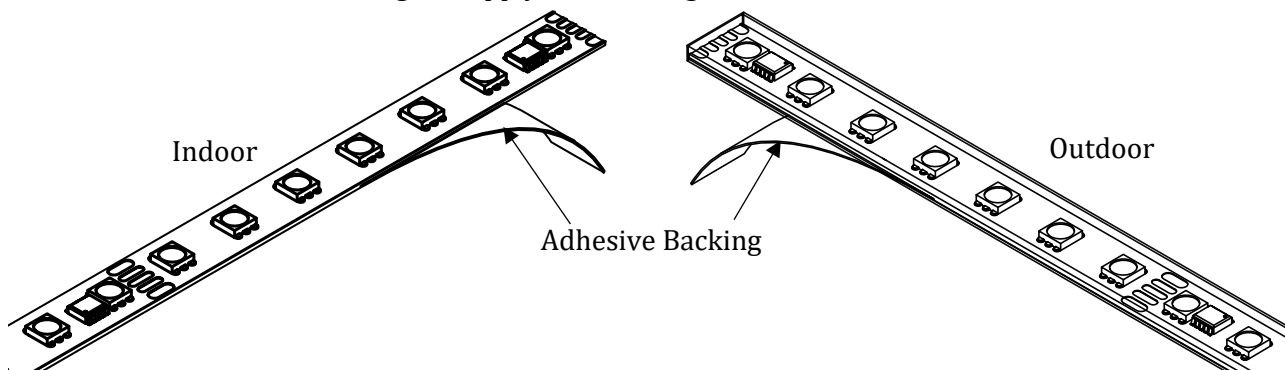
Installation

1. Cutting Outdoor Tape is not permitted and will void warranty.

For the **Indoor option**, determine the length of the tape for the application and cut it to length. This tape has a cut increment of 3.94 inches.



2. Ensure the mounting surface is smooth, clean, and free from dirt, oil, and debris.
3. Peel off the adhesive backing and apply to mounting surface.



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4. Press firmly along the length of the tape to ensure a strong bond to the mounting surface.
NOTE: Do not attempt to remove the tape after it has adhered to the surface. In the event of an incorrect application, remove the tape, clean the mounting surface, and reapply with a new piece of tape.
5. Connect the power input (24V DC+ and GND) to 24V DC power supply.
NOTE: Refer to related power supply specification sheets for more information and other possible configurations.

Connect the data input to DMX controller.

PI → PO of DMX Writer

DA → DMX+ of DMX Writer

DB → DMX- of DMX Writer

NOTE: Refer to the related documents of the selected DMX controller for detailed instructions on installation and proper use.

NOTE: FUSE PIXEL24 RGB uses 3 channels per pixel.

To write address to the first pixel of the run, use DMX Writer with Control IC # SM18522PS.

