



LEDtreads

The leading edge.

***Tube Lighting
Products***



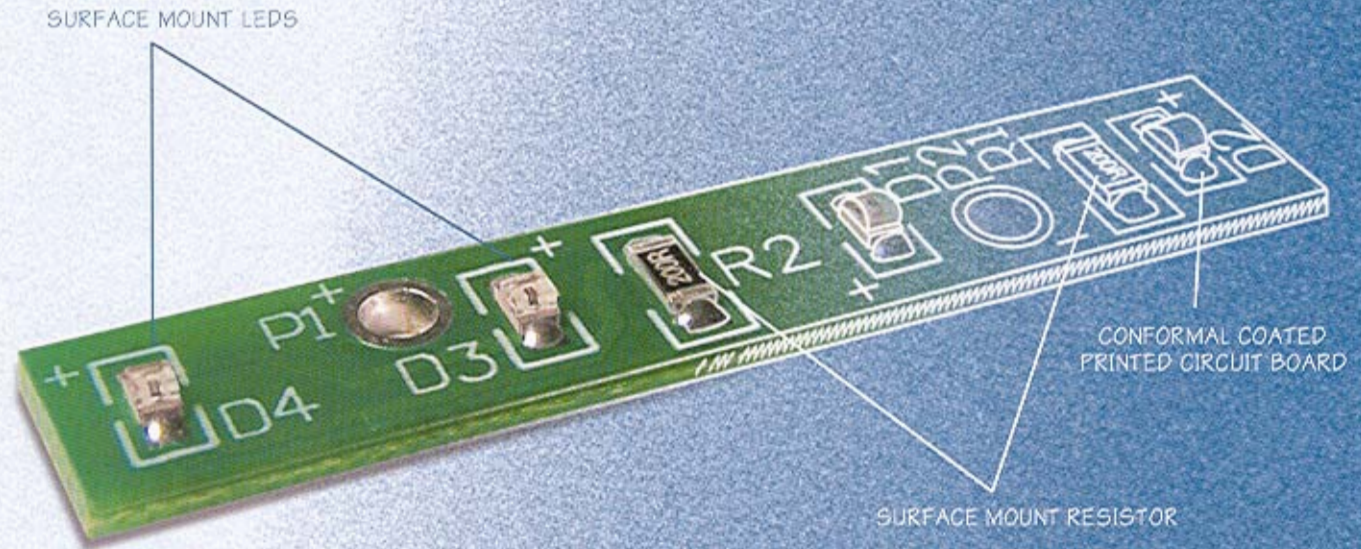
"Signature" caps are custom printed to highlight your corporate identity or logo.

LEDtreads blueprint for success.

Tube Lighting Products introduces *LEDtreads*, the perfect blend of cutting edge, solid-state LED lighting and flexible treads for all floor and stair transitions. In addition to providing safety, these 12-volt lighting systems serve as beautiful architectural accents and dramatic design elements.

LEDtreads offer superior performance in both interior and exterior floor configurations and transitions. For most applications, contractors can install over 60 linear feet in only 20 minutes. Top-notch engineering using solid-state components create maintenance-free long life, upwards of 100,000 hours depending on color. *LEDtreads* are impervious to impact, spills, and extreme temperature differential.

From design concept to installation, *LEDtreads* are *the* choice for identifying aisles, pathways, and elevation changes.

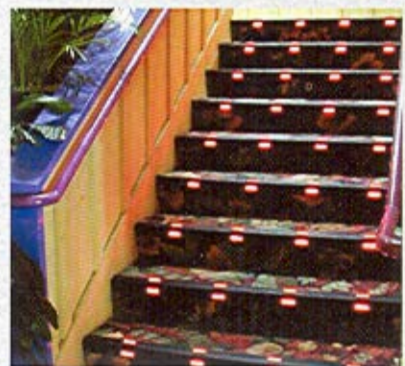
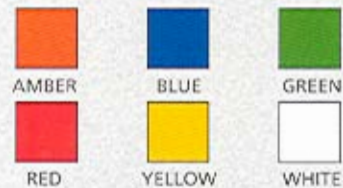


You expect a lot out of *LEDtreads*, so we put a lot into them.

The heart of the *LEDtreads* system consists of Tube Lighting Products' engineered technology focused on long-life LEDs (light emitting diodes). These surface-mounted LEDs, placed on a conformal coated circuit board flush-mounted into the extrusion, identify trip hazards and aisles. All extrusions are commercial grade, ADA compliant, and UL listed for slip resistance.

While the *LEDtreads* extrusion is always black, the lighted LEDs are available in six colors – amber, blue, green, red, yellow, or white. This gives users maximum flexibility to combine safety with aesthetics.

Typical *LEDtreads* installations can require thousands of linear feet, and our craftsmen build every inch to ensure performance and maximize durability. We're meticulous in monitoring the quality of *LEDtreads*' components, and are focused on maintaining the tightest possible tolerances.





Ledtreads are lighting the path and leading the way in venues throughout the world...

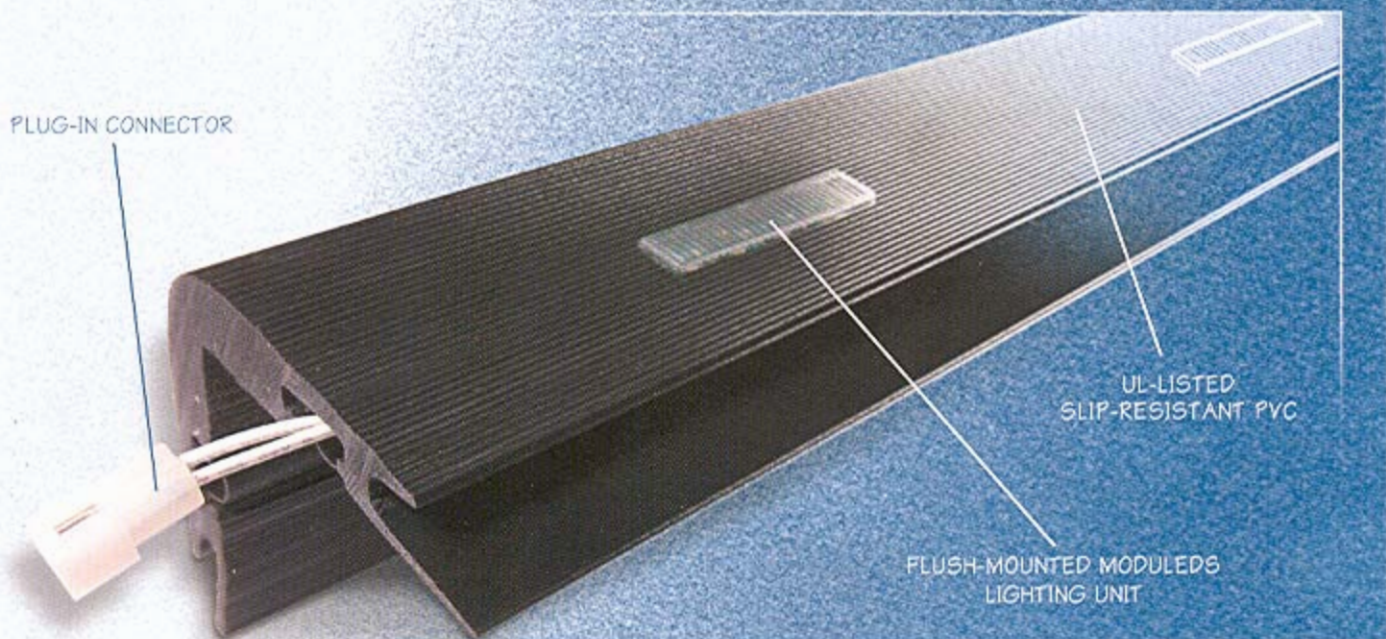
- Amusement Parks
- Auditoriums
- Boats
- Casinos
- Commercial Buildings
- Convention Centers
- Gardens
- Nightclubs
- Restaurants
- Showrooms
- Theaters
- Transit Vehicles
- Walkways
- Wheelchair Ramps

At Tube Lighting Products, we don't just stand behind our product, we jump up and down on it.

LEDtreads is the only product for egress lighting to receive two individual UL listings; one for electrical worthiness and one for slip-resistance. Durability, *LEDtreads*' hallmark, is renown throughout the industry. Proven by countless installations and our famous "Hammer Test" (you can strike *LEDtreads* with a hammer and the circuit board will still light!), *LEDtreads* is a favorite of specifiers, contractors, and end users everywhere.

LEDtreads quality is the result of our constant monitoring at all levels. Our administrative and production facilities are housed in one building, maximizing communication, production, and operational flow. Our customers appreciate the benefits of this integrated efficiency each time our office is needed.

For years, our customers have been installing *LEDtreads* around the world in hundreds of high-traffic indoor and outdoor environments. Close communication with our customers and their designers, as well as a keen understanding of the installation process, translate into successful projects and repeat opportunities.



Easily installed, step by step.

LEDtreads floor and stair extrusions install simply, with minimum time and effort. All *LEDtreads* are factory pre-wired. Bullnose stair models arrive at the site pre-cut to your specifications. Floor extrusions are shipped in maximum 60-foot coils in easy-to-handle cartons. Corners and turns are easily mitred on-site requiring no additional pieces. All extrusions can be field cut with simple hand tools or field coupled to extend beyond 60 feet. Pre-wired extruded light strips and standard electrical connectors enable contractors to install 60 linear feet in 20 minutes. In certain instances, 200 circuit boards can be fed from one lead wire.

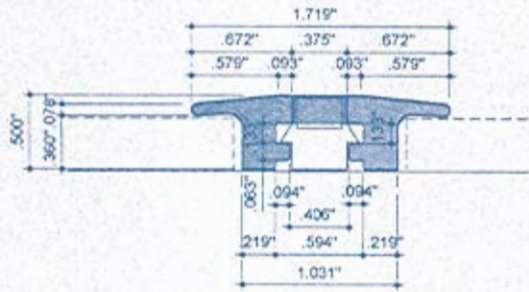
There is literally no assembly required, just glue *LEDtreads* into position and connect the wires. It's that simple.

We pride ourselves on our quick deliveries. Since we inventory bullnose profiles in 26-foot lengths and aisle profiles in 60-foot lengths, you can place an order and expect delivery of *LEDtreads*, custom cut to your requirements, within days. Just another step you can count on with *LEDtreads*.

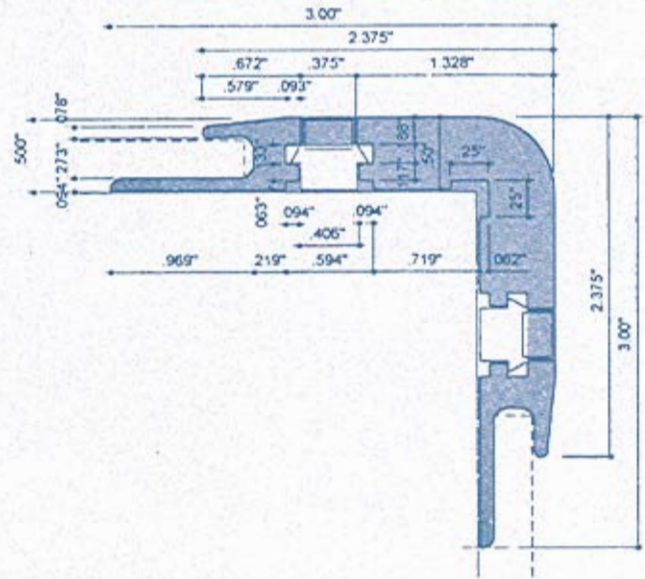


LEDtreads Profiles

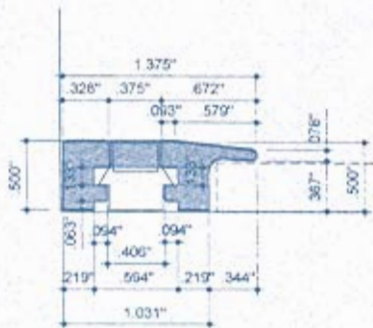
CCE Carpet-to-Carpet Extrusion



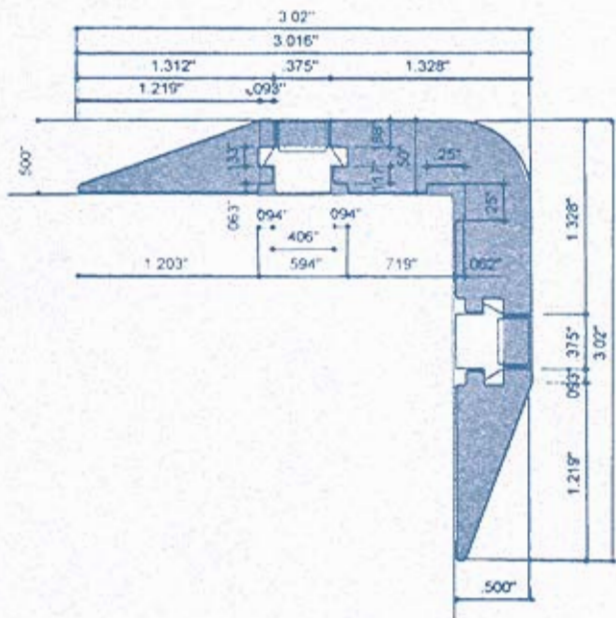
CCBE Carpet-to-Carpet Bullnose Extrusion



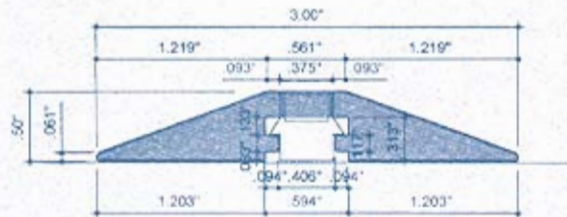
CWE Carpet-to-Wall Extrusion



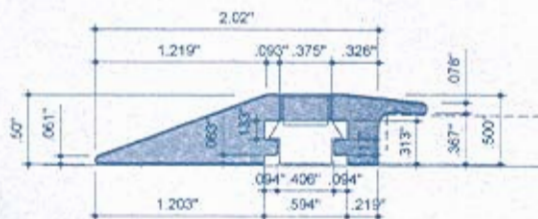
FFBE Floor-to-Floor Bullnose Extrusion



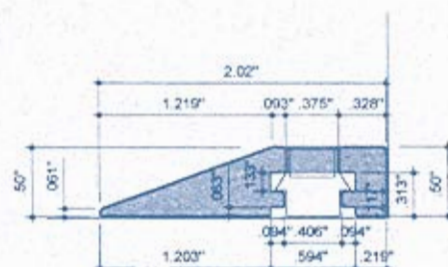
FFE Floor-to-Floor Extrusion



CFE Carpet-to-Floor Extrusion



FWE Floor-to-Wall Extrusion



LEDtreads Specifications

LEDtreads floor lighting systems are manufactured by Tube Lighting Products with the latest electronic technology. **LEDtreads** are comprised of heavy PVC tracking with **ModuLEDs** inserted at spacings per your specifications. **ModuLEDs** consist of a polycarbonate housing, replaceable LED circuit board, and a polycarbonate lens cover. They delineate pathways and articulate elevation changes by creating highly visible margins. **LEDtreads** also use less power than traditional filament sources.

Extrusions: Durable UL-approved non-slip, high grip, black, flexible PVC

Surface Mount Printed Circuit Board: 0805 package size LED (4 per board), rated at up to 100,000 hours, and resistors. Amber, yellow, red, and green nominal .25 watts/board. Blue and white nominal .5 watts/board. Conformal coated.

ModuLEDs Housing and Lens Cover: Polycarbonate

Terminals: Tin-plated

Wire: 18 AWG Stranded

Transformer: 12 volt, Class II

Adhesive: Solvent base resin



LISTED E166352

LEDtreads Ordering Information

1) Series: LED2

2) Extrusions:

- CCE Carpet-to-Carpet Extrusion
- CFE Carpet-to-Floor Extrusion
- CWE Carpet-to-Wall Extrusion
- CCBE Carpet-to-Carpet Bullnose Extrusion
- FFE Floor-to-Floor Extrusion
- FWE Floor-to-Wall Extrusion
- FFBE Floor-to-Floor Bullnose Extrusion

3) **ModuLEDs** Spacing:

- 9 9" OC
- 12 12" OC
- 18 18" OC
- Others available - Consult factory

4) **ModuLEDs** Colors:

- A Amber
- B Blue
- G Green
- R Red
- W White
- Y Yellow

5) Number of LEDs in **ModuLEDs**: 4

6) Lens Cover:

- C Clear
- P Prismatic
- S Signature (custom)

7) Length:

Use feet and inches

LEDtreads Ordering System:

Select from options above to create an order number.

Series	Extrusion	ModuLEDs Spacing	Color	Number of LEDs	Lens Cover	Length
LED2	-	-	-	4	-	/

For example, an order of **LEDtreads** with a Carpet-to-Carpet transition, 12" OC (on center) spacing, amber lights, four (4) LEDs per **ModuLEDs**, clear lens covers, having a length of five (5) feet and two (2) inches; the catalog number would read, LED2-CCE-12-A-4-C/5'2".



You can't beat *LEDtreads.*

Tube Lighting
Products

1-888-554-TUBE (8823)

1346 Pioneer Way • El Cajon, CA 92020 • 619/442-0577 • Fax 619/442-0578 • www.tubelightingproducts.com