



# AISLE LIGHTING CASE STUDY

*2017 THEATER LIGHTING SYSTEM*

# Light Tape Aisle Lighting Installation

**STEP 1:** Make sure the surface is clean and a straight line is established with a chalk line or string to mark the edge of the floor extrusion. Lay the floor extrusion without the lens along the straight line.



**STEP 2:** Attach floor extrusion to floor with screws every 1 – 3 feet (30 – 90 cm). Use the proper screws for the type of flooring you have. Use anchors as needed. Make sure the screw heads are flat against the base of the extrusion so the screw head does not damage the bottom of the Light Tape®. For long runs make sure channels are properly aligned at every joint. Alternative mounting is possible by using 3M 1/2" VHB double sided adhesive tape. Clean both channel bottom and flooring surface with Isopropyl Alcohol. Do not use Denatured Alcohol, Windex, Formula 409 or alternative cleaners (they leave a film which keeps the adhesive from bonding). [See pg.4 cleaning instructions](#)





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**STEP 3:** Insert the Light Tape® in the extrusion channel. Make sure not to kink or fold the Light Tape® when inserting. Have the connector located where you want it before moving to step 4.



**STEP 4:** Snap the lens into the floor extrusion channel. Start by inserting the narrow part of the lens into the extrusion channel. Start at the end with the connector and press down on the thick part of the lens until it snaps in place. Continue working down the channel and repeat for all the channels.

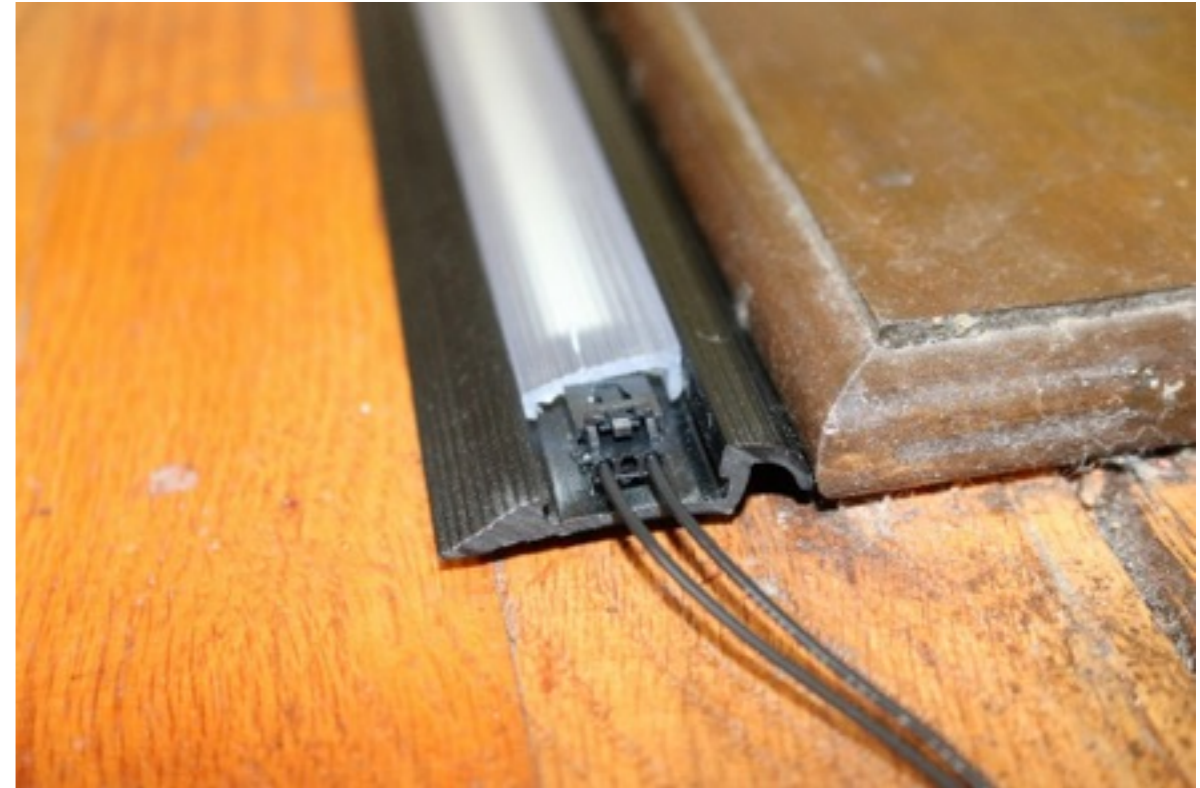




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**STEP 5:** After snapping the lens in place, it should look like the photo on the right.

**Cleaning:** For hard smooth surfaces such as sealed concrete floors, Light Tape® can be installed with a very high bond, clear adhesive tape. 3M 471 adhesive tape can be used over the Light Tape® for floor mounting. When installing Light Tape® with adhesive tape, it is critical that the mounting surface is cleaned according to these guidelines to get good adhesion. Failure to fully comply with these directions will result in poor adhesion to the mounting surface. Surface should be clean and dry and free from any loose dirt and dust. If attaching to a hard surface, a quick cleaning with a 50/50 mixture of water and Isopropyl Alcohol (90% concentration) in a spray bottle, will remove any loose surface dust and oily residue from the surface. Cleaners such as Windex, Formula 409, denatured alcohol, lacquer thinner and other solvents should not be used as they will leave an invisible film behind that will prevent the adhesive from properly bonding to the surface. When applying Light Tape® with clear 3M 471 tape, make sure the adhesive tape is 1.5" wider than the Light Tape® to get good adhesion to the mounting surface. A cable cover can be used to run wires across an aisle way to prevent tripping.



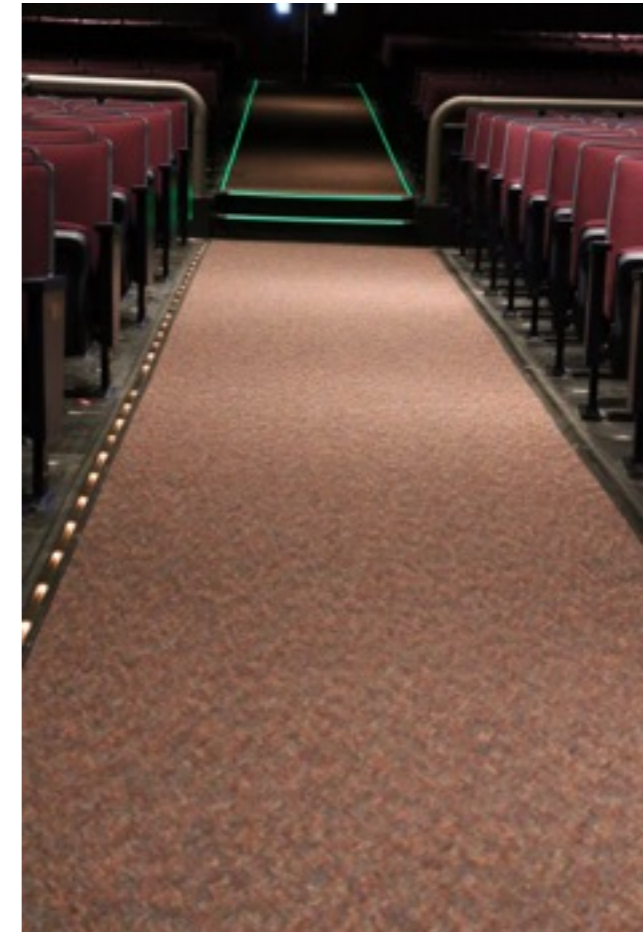
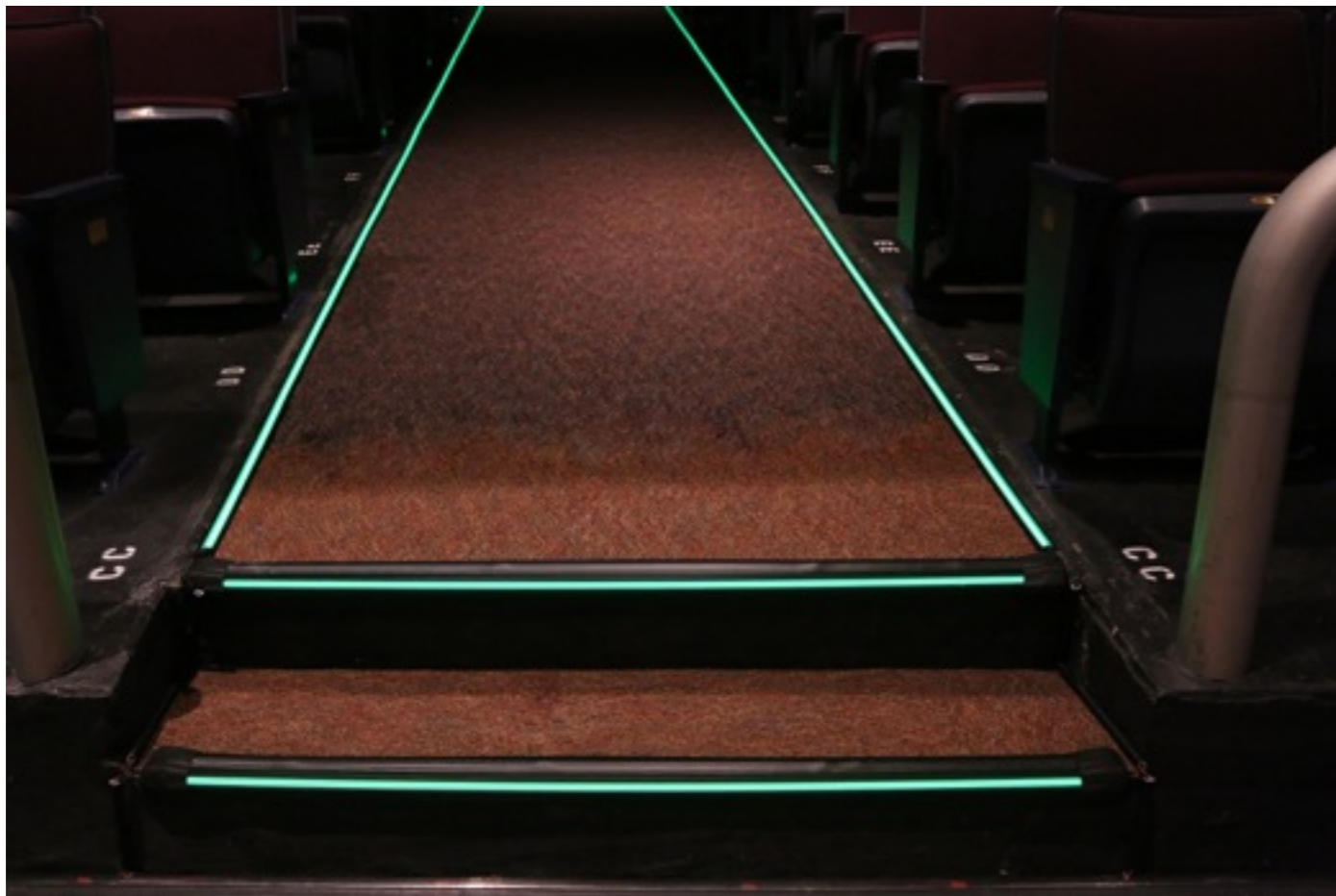
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**OPTION:** Light Tape® used with a cable cover when wires must cross an aisle way.





# Light Tape Aisle Lighting Installation



On the left is a finalized Light Tape® installation. On the right is Light Tape® compared to original LED strips. As you can see Light Tape® produces even illumination without any hotspots.





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