up your outdoor ambience

Trex® Deck Lighting™
UP YOUR OUTDOOR AMBIENCE
True, the string of chili pepper lights from your old dorm room and a couple of fiery tiki torches say “party,” but they don’t do much for your nightcaps (not to mention your property value). That’s why we bring you Trex DeckLighting, a collection of subtle yet brilliant post, rail, riser and recessed lights from the leader in luxury outdoor living.

In fact, consider Trex DeckLighting your new mood lighting. Beyond brightening the last dog run of the night or keeping the kids from missing that last step, Trex DeckLighting warms up an outdoor living room like candles can only dream about. From late night suppers to outdoor slumber parties, Trex DeckLighting creates a dimmable glow that keeps your backyard warm and inviting.

Our easy-to-install lights coordinate with our Trex Transcend® color collection for a sophisticated, seamless look. And they’re a beautiful finishing touch to the premier decking, railing and trim you already trust. Now with Trex DeckLighting™, a complete outdoor living experience is more accessible than ever before.

Plus as everyone knows, our Trex heritage is the greenest of the green, so of course our new long-life LEDs are energy-efficient and covered by a Trex warranty. And with no worries about voltage drops, the last light in the string will always be just as bright as the first. So pack away your camping lanterns and retire your extension-corded Christmas lights. Because Trex DeckLighting is here. And it does ambience one better.

**SMART**
- Sophisticated, understated silhouettes softly illuminate your deck
- Dimmable LED lighting matches any on-deck party, dinner or outdoor activity
- Choose from multiple colors for a seamless, professional look
- Weather-proof casings are salt-air resistant

**RELIABLE**
- LEDs are rated up to 40,000 hours
- Low-voltage lights are extremely durable and cool to the touch
- Trex DeckLighting builds into a new deck or retrofits into an existing one

**TREX THROUGH AND THROUGH**
- 5A and NEW 2.5A transformers available for large and small installations
- Optional dimmer with detachable remote control for convenience

For the terms of Trex’s Limited Warranty on DeckLighting, see page 8 or visit trex.com/warranty.

Trex DeckLighting uses 75% less energy than traditional incandescent lighting.
FOUR TREX® DECKLIGHTING™ OPTIONS

POST CAP LIGHT
Tucked discreetly under the cap, Post Cap Lights provide a warm downward glow and easy wayfinding.
» Available in all seven Transcend® railing colors
» Pyramid and NEW Flat Post Cap designs
» Smooth finish

DECK RAIL LIGHT
These indirect lights reside directly on the rail post to illuminate the beautiful deck below.
» Available in Classic White, Charcoal Black and Bronze
» Hammered finish

RISEr LIGHT
Installed flush into the step risers, our Riser Lights keep stairways safe and create a luxurious, festive pattern.
» Available in Classic White, Charcoal Black and Bronze
» Hammered finish

RECESSED DECK LIGHT
These subtle dot lights install flush on the deck boards to efficiently light the way.

LIGHTING & DESCRIPTION

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>PYRAMID CAPS</th>
<th>FLAT CAPS</th>
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<tbody>
<tr>
<td>DLTRANSFORMER</td>
<td>BLACK: BKPYLEDCAp4X4</td>
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<td>WHITE: WLEDCAp4X4</td>
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<td>FIRE PT: FFPTLEDCAp4X4</td>
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<td>GRANV PATH: GPPYLEDCAp4X4</td>
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<td>DLWIRENUT6PK</td>
<td>ROPE SWING: RSPYLEDCAp4X4</td>
<td>ROPE SWING: RLEDCAp4X4</td>
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</tbody>
</table>

See color and finish chart on page 9
General Information
» ALWAYS consult local codes before beginning a project.
» If your project requires more than 60 lights, contact 1-800-BUY-TREX for transformer sizing verification.
» Straight runs over 100’ (30.5 m) may require larger wire such as 16 or 14 gauge.
» Use Trex Transformer only. Use of any other transformer voids warranty.

Planning
NOTE: When designing your deck, plan locations of lights, power supply, timer, and dimmer. These should be accessible for service. Connection to a GFCI outlet is required.

1. The dimmer remote will work in a 30’ (9 m) radius of the unit.
2. The dimmer must be installed in a dry location. Keep dimmer remote ID in a safe place in case a replacement remote is needed.
3. The timer must be installed vertically with the receptacle facing downwards and not reaching ground level. The timer must be in view of the sun to use the dusk/dawn feature.

Lighting and Wiring Overview
NOTE: Avoid railing brackets and locations for deck rail lights when running wires up posts.

Installing Wiring
NOTE: It is recommended to install wiring before decking and railing have been installed.

» Use 18 gauge stranded outdoor wire (available from Trex) to connect wires from each light.
1. Wiring must be run under the deck structure and behind stringers. DO NOT run wires between deck boards and posts. Staple to frame with cable staples at least 1/4” (0.6 cm) wide. DO NOT crush wire insulation with staple.

Making Connections
» Polarity must be maintained through wiring system. Always attach the same side of the 18 gauge wire to the red wires on the lights. The red wires are positive.
» The wire nuts supplied by Trex are gel-filled and waterproof. These wire nuts can safely attach four wires.
1. Strip wires to 5/8” (1.6 cm). Align any frayed strands of the conductors. Pre-twisting is unnecessary.
2. Place stripped wires together with insulation even. Twist connector onto wires pushing firmly until hand-tight. DO NOT over torque. Wipe sealant in and around conductors and connector opening while tightening. DO NOT reuse.

Installing Post Cap Lights
NOTE: Install post cap lights after the railing system, post sleeve skirt, and post sleeve have been installed.

1. Cut the wire loop at the top of the post. Strip the wire ends. Make connections with the provided wire nuts. See Making Connections above.
2. After verifying wiring is correct by turning lights on, attach the cap to the top of the post with silicone caulk.
3. Run wire up the outside of each post that will have either a post cap light or a deck rail light. Avoid running wire on the side of post where railing brackets or deck rail lights will be installed. Leave a 6” (15.2 cm) loop at top to make connections. Staple to frame and posts with cable staples at least 1/4” (0.6 cm) wide. DO NOT crush wire insulation with staple.

NOTE: After installing wiring, finish installing your Trex decking and railing by following the Trex Installation Guide.
**Installing Deck Rail Lights**

**NOTE:** Install deck rail lights after the railing system, post sleeve skirt, and post sleeve have been installed.

1. Mark desired height, centered on post sleeve for deck rail light location.
2. Drill a 1” (2.5 cm) hole through post sleeve. Use care to stop drill before cutting into post.
3. Fish wire from deck rail light through hole and up to top of post. Cut wire loop at the top of the post. Strip the two wire ends. Make connections with the provided wire nuts. See Making Connections on page 5.
4. Push back housing and wires into hole. Align holes for screws vertically and attach fixture base to post with provided screws as indicated above.
5. Line up polycarbonate lens with fixture housing. Twist onto fixture base.

**Installing Riser Lights**

**NOTE:** Install riser lights after stair and risers have been installed.

1. Mark the locations for each light, generally 4” (10.2 cm) above the tread. Consult local codes for lighting requirements.
2. Drill a 1” (2.5 cm) diameter hole 3/4” (1.9 cm) deep into deck board. Hole cannot go all the way through deckboard or light will fall through. Ensure drill bit is perpendicular to board. Drill a 1/4” (0.6 cm) diameter hole in base of the first hole through deck board.
3. Thread wires through hole. Do not pull LED into hole by pulling on wires. This may damage wires or LED.
4. Press light into hole until flush with surface. Make connections under deck with the provided wire nuts. See Making Connections on page 5.

**Installing Recessed Deck Lights**

**NOTE:** Install recessed deck lights after installing decking.

1. Mark locations for lights in deck boards.
2. Drill a 1” (2.5 cm) diameter hole at least 1” (2.5 cm) deep into riser. If the riser material is thicker than 1” (2.5 cm), use a 1/4” (0.6 cm) drill bit to create a passage for the wires.
3. Thread wires through hole.
4. Press light into hole, ensuring lens is horizontal. Make connections behind the stairs with the provided wire nuts. See Making Connections on page 5.

**Timer Operation Instructions**

1. Select the mode of operation:
   - Dusk to Dawn
   - 1 - 8 hours
   - Always On
   - Off

2. Program repeats daily when power is flowing to lights, green light above POWER is on.

<table>
<thead>
<tr>
<th>Type of Light</th>
<th>Transformer capacity by type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riser Light</td>
<td>240</td>
</tr>
<tr>
<td>Post Cap Light</td>
<td>60</td>
</tr>
<tr>
<td>Deck Rail Light</td>
<td>240</td>
</tr>
</tbody>
</table>

**Have Questions?**

1-800-BUY-TREX or trex.com

Construction methods are always improving. Please ensure you have the most up-to-date installation instructions by visiting trex.com.
Trex Company, Inc. ("Trex") warrants to the original purchaser ("Purchaser") that, for the period of time set forth in the following sentence, under normal use and service conditions, Trex® products shall be free from material defects in workmanship and materials, and shall not split, splinter, rot or suffer structural damage from termites or fungal decay. The term of such warranty shall be twenty-five (25) years from the date of original purchase for a residential purchaser, and ten (10) years from the date of original purchase for a commercial purchaser. If a defect occurs within the warranty period, Purchaser shall notify Trex in writing and, upon confirmation by an authorized Trex representative of the defect, Trex’s sole responsibility shall be, at its option, to either replace the defective item or refund the portion of the purchase price paid by Purchaser for such defective item (not including the cost of its initial installation).

Notwithstanding the foregoing, (a) with respect to Trex DeckLighting™, the term of the warranty for the LED lights and housing shall be seven (7) years, the term of the warranty for the dimmer, timer and transformer shall be three (3) years, in each case provided that a Trex transformer is used, and any other parts or accessories shall not be warranted, (b) with respect to hardware for the Trex Surroundings® gate (gate frame, hinges and screws), the term of the warranty shall be five (5) years, (c) with respect to Trex Decorative Balusters, the term of the warranty covering the paint coating shall be ten (10) years, and shall be prorated in the following manner: 100% replacement for the first five (5) years; and 50% replacement for the next five (5) years, and (d) this warranty shall not apply to the Trex Elevations™ steel substructure product line (which has a separate warranty).

For purposes of this warranty, a "residential purchaser" shall refer to an individual residential homeowner, and a "commercial purchaser" shall refer to any purchaser other than a residential purchaser.

THIS WARRANTY SHALL NOT COVER AND TREX SHALL NOT BE RESPONSIBLE FOR COSTS AND EXPENSES INCURRED WITH RESPECT TO THE REMOVAL OF DEFECTIVE TREX PRODUCTS OR THE INSTALLATION OF REPLACEMENT MATERIALS, INCLUDING BUT NOT LIMITED TO LABOR AND FREIGHT.

With respect to a residential purchaser, this warranty may be transferred one (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of the property upon which the Trex products were originally installed. With respect to a commercial purchaser, this warranty is freely transferable to subsequent buyers of the property upon which the Trex products were originally installed.

To make a claim under this limited warranty, Purchaser, or the transferee, shall send to Trex, within the warranty period referred to above, a description of the claimed defect and proof of purchase, to the following address:

Trex Company, Inc.
Customer Relations
160 Exeter Drive
Winchester, VA 22603-8605

Trex does not warrant against and is not responsible for, and no implied warranty shall be deemed to cover, any condition attributable to: (1) improper installation of Trex products and/or failure to abide by Trex’s installation guidelines, including but not limited to improper gapping; (2) use of Trex products beyond normal use and service conditions, or in an application not recommended by Trex’s guidelines and local building codes; (3) movement, distortion, collapse or settling of the ground or the supporting structure on which Trex products are installed; (4) any act of God (such as flooding, hurricane, earthquake, lightning, etc.), environmental condition (such as air pollution, mold, mildew, etc.), staining from foreign substances (such as dirt, grease, oil, etc.); or normal weathering (defined as exposure to sunlight, weather and atmosphere which will cause any colored surface to gradually fade, chalk, or accumulate dirt or stains); (5) variations or changes in color of Trex products; (6) improper handling, storage, abuse or neglect of Trex products by Purchaser, the transferee or third parties; or (7) ordinary wear and tear.

No person or entity is authorized by Trex to make and Trex shall not be bound by any statement or representation as to the quality or performance of Trex products other than as contained in this warranty. This warranty may not be altered or amended except in a written instrument signed by Trex and Purchaser.

UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARE Sought IN CONTRACT, IN TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE, AND TREX’S LIABILITY WITH RESPECT TO DEFECTIVE PRODUCTS SHALL IN NO EVENT EXCEED THE REPLACEMENT OF SUCH PRODUCTS OR REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE.

Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from State to State or Province to Province.

This warranty shall only be applicable and enforceable in the United States of America, Canada and Mexico.

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