

Read the full installation instructions before starting. Comply with all necessary building codes.

Special tools / materials required (not supplied):

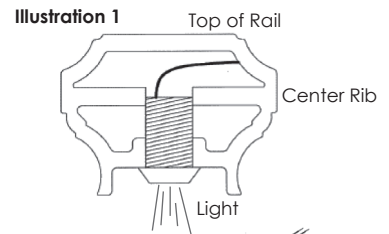
- Bendable wire fish/hook
- 11/16" Drill Bit
- 18/2 outdoor wire
- Weatherproof wire nuts and electrical tape
- Transformer (sold separately)

*** Standard tools also required**

Note: RailWays NiteScapes LED lights are designed to be installed in the top rails of RailWays Traditional or Signature Series Railing Systems. They can also be suited for other decking applications; please call Technical Services at 866-322-7452 for more details. No more than 4 lights should be installed in either a 6 ft or 8 ft top rail. NEVER install lights at the center point of a top rail. A maximum of 80 lights can be connected to one transformer.

Fixture Locations:

1. Determine location of lights within the underside of the top rail. Using a 11/16" drill bit, pre-drill each lighting location. Depending on the railing profile, you might have to drill through the center rib (see Illustration 1). DO NOT drill through top of railing. (For a snug fit, wrap electrical tape around threads on the light fixture and insert into hole.)



Wiring for Railing*:

2. Take the wire lead for each light and snake it through the railing using the wire fish/hook. If the railing has a center rib, snake the wire through the void closest to the top of the railing.
3. Complete the assembly of the top rail to the balusters. At the rail and post connection, drill a 1/2" hole and feed wires through hole (see Illustration 2). Complete rail attachment to post.
4. Find a centralized location on the substructure at an equal distance to each post location. This will be known as the central wire hub (see Illustration 3). Run 18/2 outdoor wire from the hub to each post and feed upwards through the post sleeve.

