

■ LED EXIT SIGN RETROFIT STRIP

TES-RETRO-STRIP LED EXIT SIGN RETROFIT STRIP KIT

DESIGN

The TES-RETRO-STRIP LED Exit Sign Retrofit Strip reduces the consumption of an incandescent exit sign from approximately 30 watts down to either 1.0 (green) or 1.5 (red) watts. Installing the TES-RETRO-STRIP not only reduces energy consumption and costs, but also labor and maintenance costs. The average incandescent bulb needs replacement every 3 to 4 months when used 24/7, while this LED strip will operate for up to 10 years while being constantly operated.

APPLICATION

Suitable for use on incandescent, fluorescent and compact fluorescent illuminated exit signs.

ELECTRICAL SPECIFICATIONS

The TES-RETRO-STRIP comes standard in dual voltage (120/277v) and can be ordered as 120v or 277v. Consumes between 1.0 (green) and 1.5 (red) watts.

MECHANICAL SPECIFICATIONS

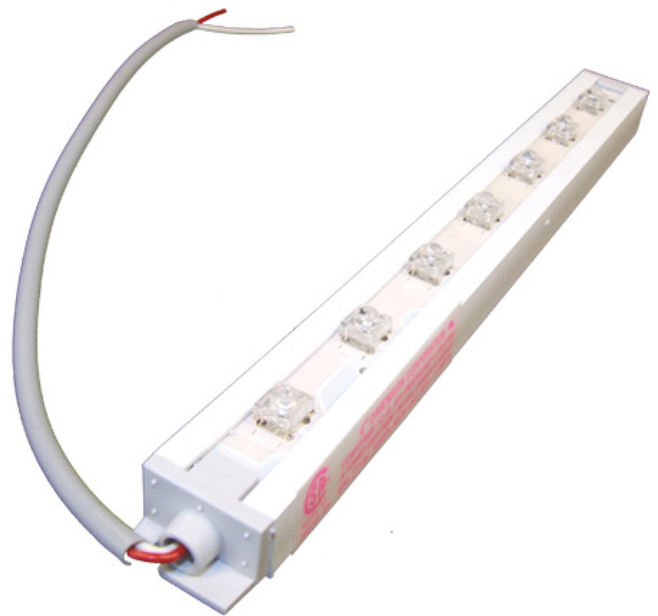
Hardwire is the standard connection offered. The TES-RETRO-STRIP is also available with a candelabra, intermediate, medium and double contact base. Red or Green color available.

WARRANTY

Five-year warranty for manufacturing defects included standard.

IMPORTANT SAFEGUARDS FOR INSTALLATION

1. Basic safety precautions should always be followed, including turning off the power to the fixture.
2. Direct connections must be done by a qualified electrician and in accordance to all local building and safety codes.
3. All retrofit kits are subject to inspection by authorities having jurisdiction.
4. Do not let power cord touch hot or sharp surfaces.
5. Do not use outdoors where water can get in the sign.
6. Never install pigtail by turning supply wires, but only turn by plastic body.
7. Choose proper pigtail for socket and only for 120VAC sockets.
8. Do not use this equipment for anything other than intended sign use.
9. Not for use in edge-lit constructions.
10. For use with a stencil-faced EXIT legend not exceeding 6 inches (152 mm) in height with interior dimensions of 6.25" H x 9.5" W x 0.875" D minimum and 8.875" H x 13.5" W x 3.25" D maximum.



DIMENSIONS

9.0" L x 1.0" W x 0.5" D



RETRO-STRIP

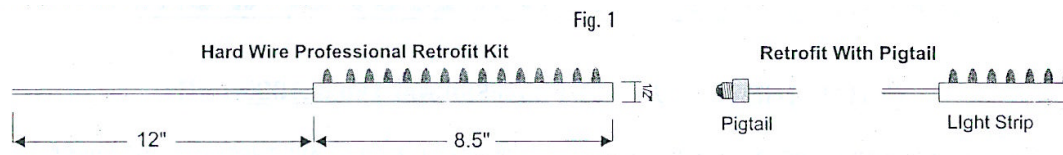
LED EXIT SIGN RETROFIT STRIP

ORDERING INFORMATION FOR TES-RETRO-STRIP: Example TES-RETRO-STRIP-R-D-H

Model Number	Light Color	Voltage	Installation	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
• TES-RETRO-STRIP	• R - Red • G - Green	• D - Dual 120/277 • 120 - 120 Volt • 277 - 277 Volt	• H - Hardwire • M - Medium Base • I - Intermediate Base • C - Candelabra Base • D - Double Contact Base	• DCR - Dual Circuit Relay **City of LA Approved**

INSTALLATION

1. Determine line voltage for either 120VAC or 277VAC model and the turn off AC power.
2. Refer to original manufacturer's instructions to gain access to the exit sign light bulbs.
3. Never try to service this kit yourself. Use a licensed electrician.
4. Remove and discard original AC only light bulb(s) and EXIT sign lens. Leave emergency backup bulbs in the sign (if any).
5. Install all strips of reflective tape in single and double-sided signs to the inside sides of these exit signs and cover maximum area. (NOTE: PEEL MYLAR FROM REFLECTIVE SIDE ONLY, FOR BEST RESULTS.)
6. Identify your Professional Retrofit Kit in Fig. 1.



7. Single sided sign: Wires must come out of the light strip from either side with the tape side facing up or down. (Test fit location to make sure the light strip fits and light is not blocked). Remove two sided tape backing and install in Fig. 2 or 3 location while centering behind the word EXIT. NOTE: this may not be possible in some exit signs so other locations are possible (Fig. 3). Two sided signs: Install as in single sided sign above but install as in Fig. 4 or Fig. 5.



8. **IMPORTANT NOTE: 120VAC HOT IS BLACK AND 277 HOT IS RED. UNUSED HOT MUST BE WIRED NUTTED CLOSED TO PREVENT SHORTS ONLY ON DUAL VOLT UNITS! IMPORTANT!**
9. Install the included, new lens into the sign for much better light transmission. Cut new lens to appropriate size with scissors and mount with adhesive, tape or sign mounting clips/brackets.