



# Stairwell T8

## DESCRIPTION

The Stairwell T8 was designed for energy savings using efficient T8 ballasts and lamps in conjunction with an ultrasonic sensor. The attractive two or three lamp design uses an ultrasonic occupancy sensor to turn off the main T8 lamp(s) while there are no occupants in the area, maintaining operation of one T8 lamp during standby mode for safety and compliance purposes. An emergency ballast can also be specified to provide light for 90 minutes in the event of a power failure. This will ensure there is enough light in areas designated as emergency egress.

## APPLICATION

The Stairwell fixture is a great choice when looking for a bi-level luminaire, which provides energy savings, high efficiency, 95% lumen maintenance, improved color rendering, extended lamp life, instant on and improved uniformity. Suggested mounting heights up to 16' for primary applications, including stairwells, restrooms, laundry rooms and other areas where maximum light levels are not needed on a constant basis.

## CONSTRUCTION

The Stairwell fixture is constructed of heavy-duty 20 gauge steel, which is post painted with a baked white enamel finish that is electrostatically applied. Ample knockouts are provided for wiring and mounting. The white perforated steel diffuser uses one piece of UV stabilized acrylic to provide an even light distribution pattern. Sockets include secure, positioning rotating collars.

## ELECTRICAL

All electrical components are UL/cUL Listed. Ballasts are Class P rated, thermally protected, sound rated, NEMA Premium, CEE qualified and secured by mounting bolts. The sensor is a low voltage ultrasonic sensor with adjustable sensitivity and time delays of 5, 10, 15 or 30 minutes. A built in LED lights up, when occupancy is detected. The sensor has functions for testing, overriding "on" and an integrated 72 hour burn-in feature to ensure long lamp life and proper operation.



ARRA Qualified

### Stairwell T8

#### INSTALLATION

Ceiling or wall surface mounted. Before installation, please consult your local ordinances and building codes for compliance.

#### WARRANTY

One year limited warranty against defects in manufacturing. Visit [tcp.com](http://tcp.com) for extension options.

#### LISTING

UL/cUL Listed — Suitable for damp locations.



## Product Ordering Matrix—3 Lamp (Order Lamps Separately)

| Family            | 2-Lamp Length and PRS Ballast   | 1-Lamp Length and IS Ballast   | Diffuser Option              | Options  |
|-------------------|---|--|------------------------------|--|
| ST - 4' Stairwell | <b>4H</b> - 4' High Ballast Factor<br><b>4N</b> - 4' Normal Ballast Factor<br><b>4L</b> - 4' Low Ballast Factor | <b>3N</b> - 25w 3' T8 Normal Ballast Factor<br><b>3L</b> - 25w 3' T8 Low Ballast Factor<br><b>2N</b> - 17w 2' T8 Normal Ballast Factor<br><b>2L</b> - 17w 2' T8 Low Ballast Factor | <b>ML</b> - Perforated Metal | <b>120B5</b> - 120V TCP 1400 lumen 90 minute emergency ballast<br><b>220B5</b> - 277V TCP 1400 lumen 90 minute emergency ballast<br><b>120B6</b> - 120V TCP 700 lumen 90 minute emergency ballast<br><b>220B6</b> - 277V TCP 700 lumen 90 minute emergency ballast |

## Product Ordering Matrix—2 Lamp (Order Lamps Separately)

| Family            | PRS Ballast (on sensor)   | IS Ballast (always on)  | Diffuser Option              | Options  |
|-------------------|---|---|------------------------------|--|
| ST - 4' Stairwell | <b>4H</b> - 4' High Ballast Factor<br><b>4N</b> - 4' Normal Ballast Factor<br><b>4L</b> - 4' Low Ballast Factor | <b>4N</b> - 4' Normal Ballast Factor<br><b>4L</b> - 4' Low Ballast Factor | <b>ML</b> - Perforated Metal | <b>120B5</b> - 120V TCP 1400 lumen 90 minute emergency ballast<br><b>220B5</b> - 277V TCP 1400 lumen 90 minute emergency ballast<br><b>120B6</b> - 120V TCP 700 lumen 90 minute emergency ballast<br><b>220B6</b> - 277V TCP 700 lumen 90 minute emergency ballast |