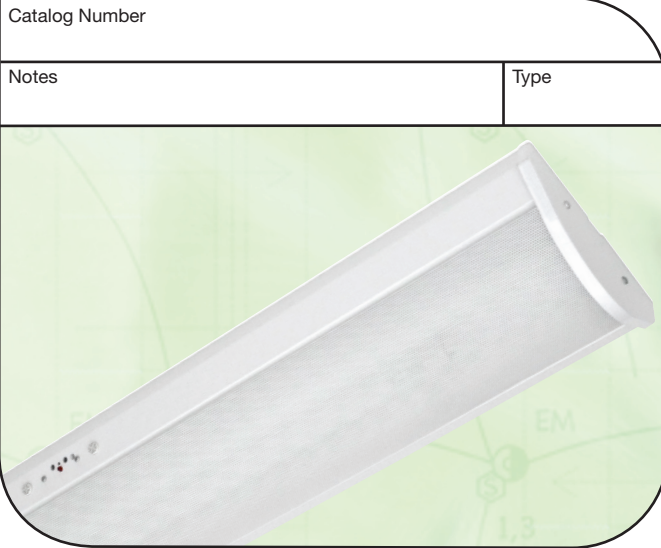


Stairwell T8



| | |
|----------------|------|
| Catalog Number | |
| Notes | Type |

Application

TCP's Stairwell Fixture is a Bi-Level luminaire controlled by an ultrasonic motion sensor to lower light levels when the space is unoccupied. It was designed as a replacement for existing stairwell and corridor lighting where it typically operates at full light output continuously. Applications include stairwells, corridors, hallways, restrooms, laundry rooms, or other locations in which light is required at all times, but when unoccupied, the light levels can be reduced.

Description

TCP's Stairwell Fixture is designed to operate a total of three lamps. The two outside lamps are 4' linear lamps that are operated by a program rapid start ballast and controlled with an internally mounted, high frequency ultrasonic motion sensor. The center lamp can be either a 3' 25w lamp or a 2' 17w lamp, which is on constantly for standby mode. This standby mode allows light to be present for safety and compliance purposes and designated for emergency egress. Most areas require a minimum of 1 FC average, but we recommend choosing the option that will provide the minimum code compliant light levels while in this mode. An optional emergency battery backup is available, which eliminates the need for additional "headlamp" battery packs.

Construction

Our Stairwell Fixture is constructed of heavy duty 20 gauge steel which is post painted with a glossy, highly reflective white paint. The paint is a baked white enamel finish that is electrostatically applied. Ample knockouts are provided for wiring and mounting. The white perforated steel diffuser provides a vandal proof option and an even light distribution pattern.

Electrical

All electrical components are UL/cUL listed. Ballasts are class P rated, thermally protected, sound rated, CEE approved, and secured by mounting bolts.

Sensor

TCP uses a low voltage ultrasonic occupancy sensor and power pack that is integrated into the fixture. The sensor has an adjustable time delay of 5, 10, 15, or 30 minutes, verify which setting is required by local code. It also has a test mode to help in setting up the sensitivity (5 second delay for 5 minutes). The adjustable sensitivity optimizes coverage in the space. There is a built in LED that lights up when occupancy is detected. The sensor has an integrated 72-hour burn-in feature to ensure long lamp life and proper operation. Sensor and power pack have a five year warranty.

Stairwell Fixture T8 Series

Installation

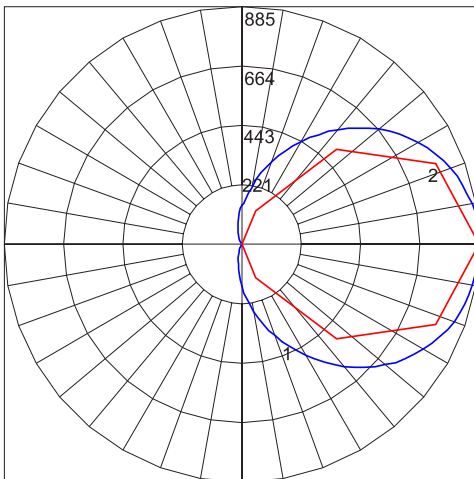
Ceiling or wall surface mounted. Before installation, please consult your local ordinances and building codes for compliance.

Warranty

One year warranty against defect in manufacturing.

Listing

UL/cUL Listed - Suitable for damp locations.



PHOTOMETRIC:

Maximum Candela = 885
 Located At Horizontal Angle = 0
 Vertical Angle = 92.5

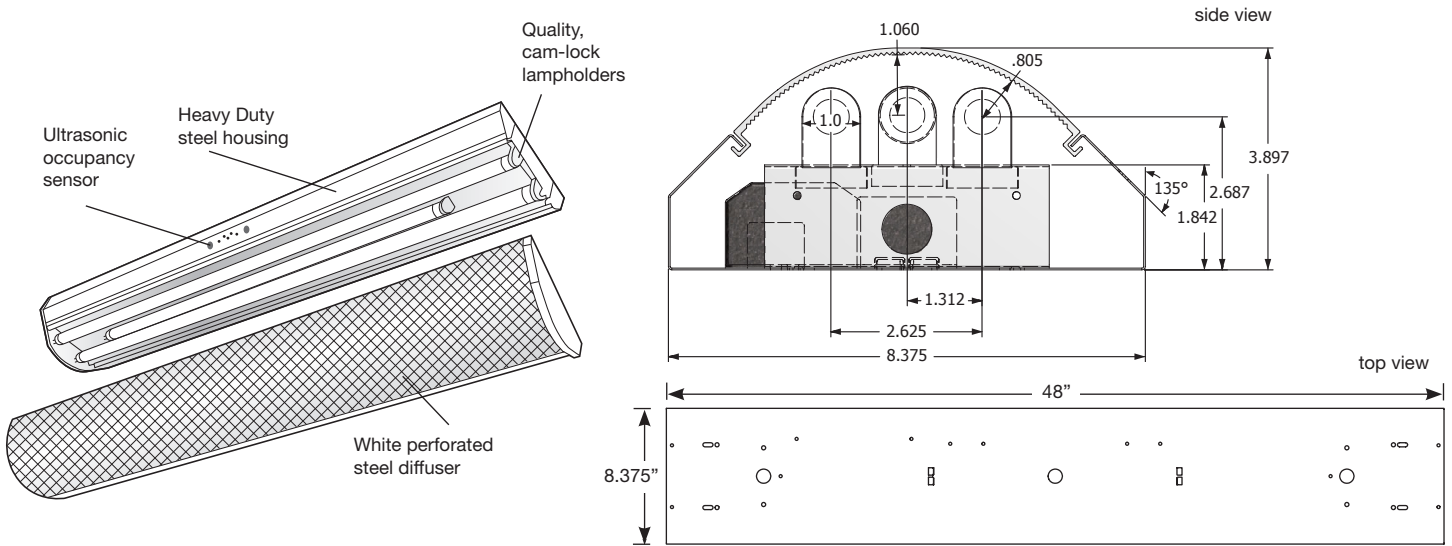
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (92.5) (Through Max. Cd.)

Catalog Ordering Matrix

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

Dimensions & Construction



LEED® Certification and PIER Technologies

LEED for Commercial Interiors

Innovation building technologies developed in collaboration with the California Energy Commission's Public Interest Energy Research (PIER) program may assist design and construction teams in meeting the credit requirements for LEED® project certification under the U.S. Green Building Council (USGBC) – LEED Green Building Rating System.



The following PIER technology may help projects qualify for LEED credits under the LEED for Commercial Interiors version 2.0 rating system. This Rating System provides a set of performance standards for certifying tenant projects with the USGBC.

PIER Lighting Technologies: Bi-Level Smart Stairwell Luminaire



This energy efficient luminaire uses an ultrasonic occupancy sensor to detect motion in low-occupancy areas like stairwells and corridors. During vacant periods, the lamps are dimmed to as low as 5% of normal. An adjustable time delay can be used to maximize energy savings based on usage patterns.

