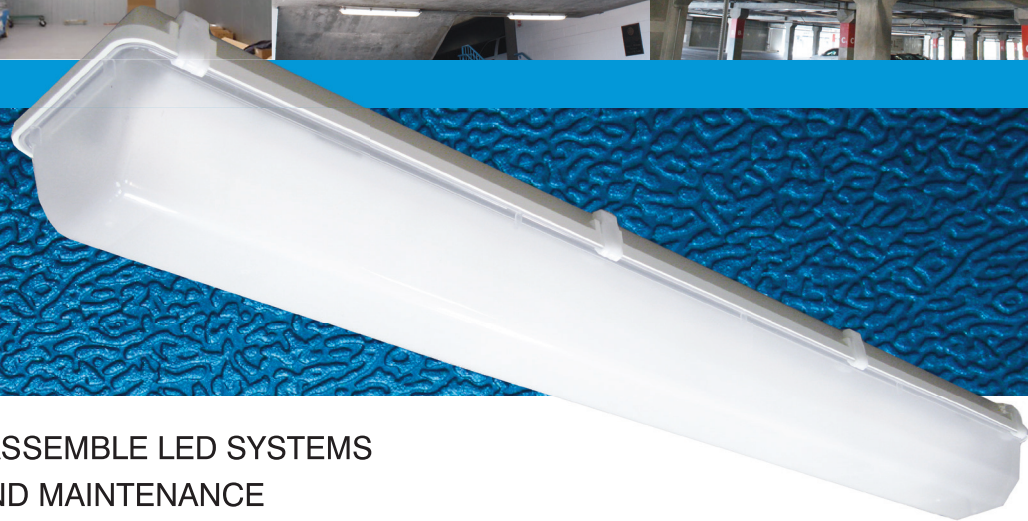# MAES LIGHTING

CITADEL 2™ LED COMPONENTS

Style 1 Flat Board Tray System
Style 2 Extruded Board Tray System
Style 3 Sheet Metal Board Tray System for Wide Distribution
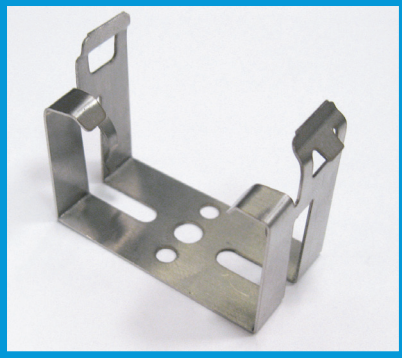*Components for Integration of LED Systems*

- DESIGNED FOR EASY TO ASSEMBLE LED SYSTEMS
- EASE OF INSTALLATION AND MAINTENANCE
- VISUALLY FAMILIAR LIGHT SOURCING
- MULTIPLE LIGHTING SOLUTIONS
- DesignLights Consortium® QUALIFIED LISTED PRODUCT

Patent Pending

On Specified Configurations
Visit www.designlights.org/qpl for Details

Board Tray Hardware

Wide Retainer Clips

- For Board Trays with Single Center row of LEDs
- 316 Stainless Steel
- **CT-RC-WIDE**

Traditional CT2 Retainer Clips

- For Board Trays with Two rows of LEDs
- 316 Stainless Steel
- **CT-RC**

Retainer Clips Easily Installed with CT-SCRW

Board Retention Clips

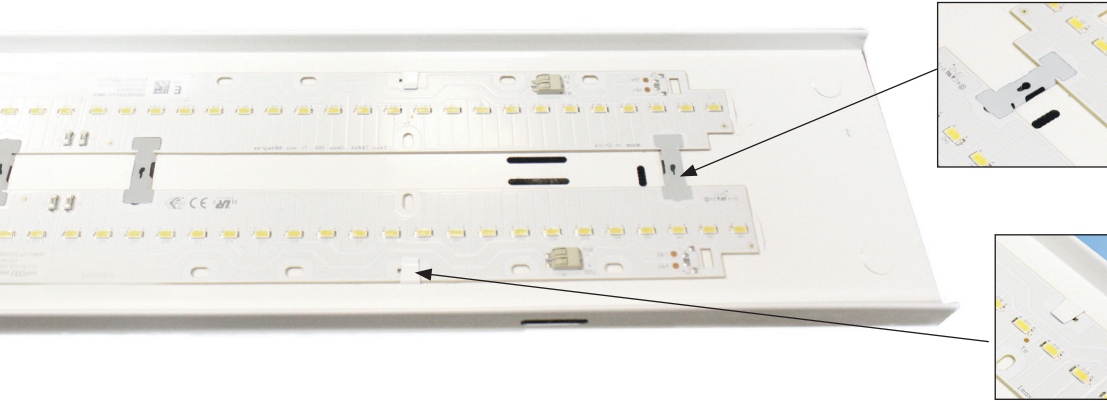- See Citadel Enclosures Common Components
- **CT-LED-BRC-SM**

Board Retention Clips Single Row

- See Citadel Enclosures Common Components
- **CT-LED-BRC-SM-S**

LED Style 1 Board Tray
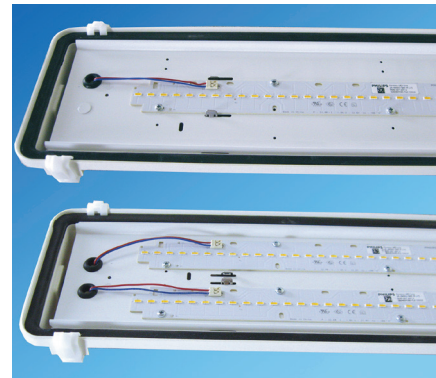
- Flat Board Tray Designed For LED Board Placement

- Board Retention Clips hold boards in position.
  - NO TAPE OR SCREWS

- Lance keeps boards from slipping out of place
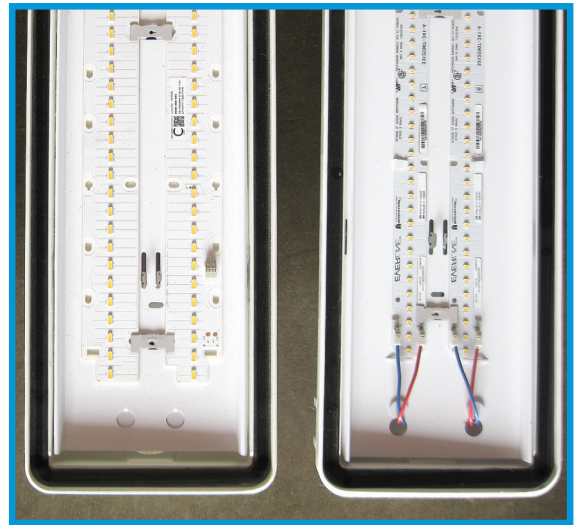
Universal Board Trays

- Single Boardtray for multiple configurations
  - 1 Row or 2 Rows of Linear Zhaga boards
- Board mounting holes 0.110" diameter
  - SLP CT2-LED-SCRW-850
- Ground and driver tray holes 0.140" diameter
  - SLP CT-SCRW-UGT to attached Driver Trays
- 1 or 2 "L" Driver Tray(s) only

CT2-LED-BT1-2L2-LZ
CT2-LED-BT1-2L4-LZ
CT2-LED-BT1-2L8-LZ

Two Row Board Trays

- Board Trays for Two Rows of LED

- Boards at Typical Board Widths
  - 0.95" & 1.60"

- 2', 4', and 8' Lengths Available

- Custom Designs Available

1.60"   **0.95"**

Single Center Row

Wide Center Row of LEDs with Clips

- Wide Board Tray for Single Row of LEDs

- Wide Retainer Clip holds Board Tray in Place

- Lances and Board Retention Clips hold Boards in Place
  - No Tape or Screws Needed

- For Typical Board Widths 0.95" or 1.60"

- 2', 4', and 8' Lengths Available

- Custom Designs Available

1.60"   **0.95"**

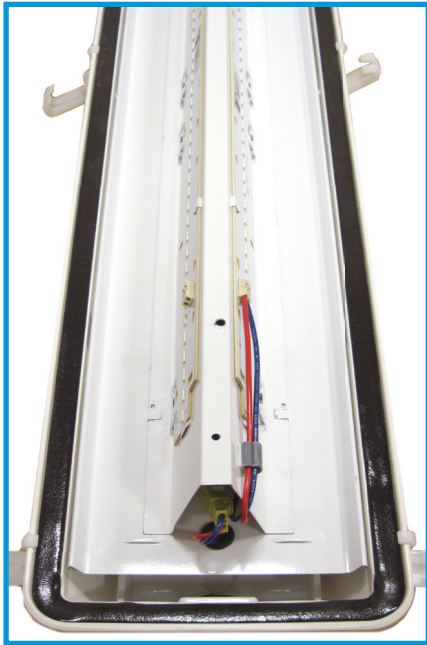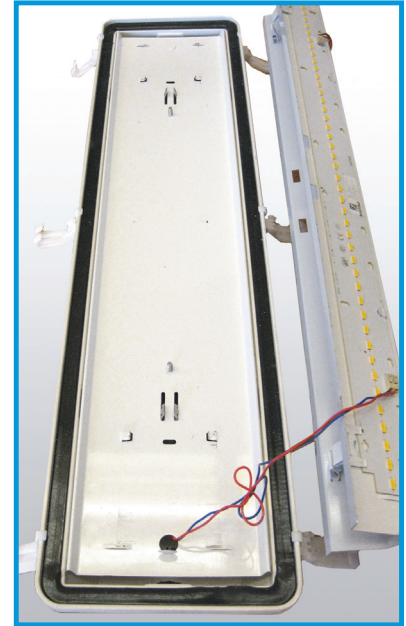## Narrow Single Center Row Board Tray

- Wide Retainer Clip holds Board Tray in Place

- For Typical Board Widths 1.60" or Less

- Special Board Retention Clip for single row applications

LED Style 3

Geartray

- Pre-painted Cold Rolled Steel
- Carries all the electrical gear and keeps separate from the LED Boards
- Installs using traditional Citadel Retainer Clips (CT-RC)
- **CT2-LED-GT3-22-M OR CT2-LED-GT3-24-M**

Board Tray

- Pre-painted Cold Rolled Steel
- Angled design for wide distribution
- 2' and 4' lengths
- For Typical Board widths 1.60"
- Custom Designs Available
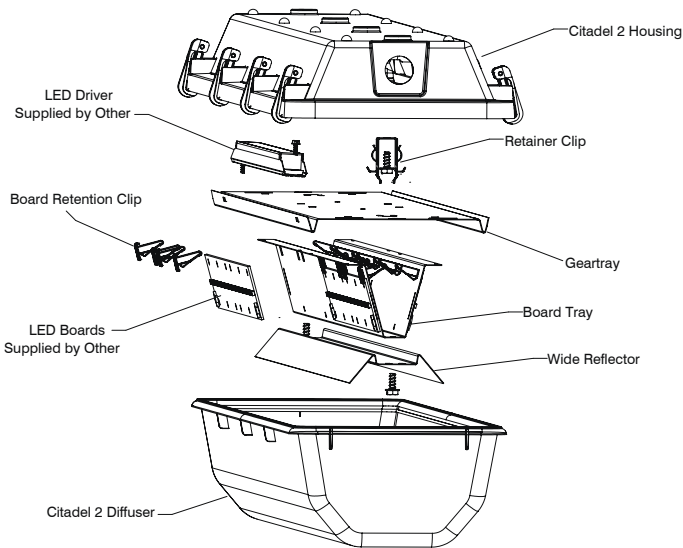- **CT2-LED-BT3-22-M-160 OR CT2-LED-BT3-24-M-160**

- Simply snaps into the Geartray Lances

- Alignment Ridges keep it centered

- Hinge feature for easy fixture maintenance

LED Wide Reflector

- Citadel 2 Housing
- LED Driver Supplied by Other
- Retainer Clip
- Board Retention Clip
- Geartray
- Board Tray
- LED Boards Supplied by Other
- Wide Reflector
- Citadel 2 Diffuser

- Reflector creates a wide distribution of LED light
- Installed with CT-SCRW
- Patent Pending
- DLC Parking Garage
- **CT2-LED-RF-2L2-M OR CT2-LED-RF-2L4-M**

Ordering Guide

Max weight = 15lbs / 48"   32lbs / 96"

CIT2-LED

Series	Size	Lumens		Color	Options

Series
CIT2-LED

Size
2 = 2FT
4 = 4FT
8= 8FT

Lumens

2FT
3166 (17W)
4350 (24W)
5470 (31W)
6452 (39W)

4FT
3220 (17W)
4480 (24W)
5705 (30W)
6910 (37W)
8640 (48W)
11797 (70W)

8FT
3220 (17W)
4480 (24W)
5705 (30W)
6910 (37W)
8640 (48W)
11797 (70W)
13820 (74W)
17280 (96W)
23594 (140W)

Color
3K
35K
4K
5K

Options
EMB= emergency ballast
REFS = Silver Reflector
OCC-E = External Occupancy
Sensor **OCC-I** = Internal Occupancy
Sensor **BILEVEL**= Bi-level system
SS= Stainless Steel Latch
POLY= Polycarb lens
FR = Frosted lens over LED boards

*0-10v low voltage dimming standard per fixture

*Higher and custom lumen packages available upon request

NOTE: Indicate style wanted when ordering

Certifications

2 CITADEL

UL

NSF

NEMA*4X*

IP65

IP66

IP67

RoHS

PSI 1500

SLP Guardian Seal

Patented

UL Listing: File E363909
UL Recognized Components: File E215168
Components Tested and Certified
by NSF International

NEMA 4X

Citadel Guardian™ seal

Offers 34% more contact between the lens and the gasket. Guardian Seal™ is a unique combination of our Injection Molded lens features and high performance "poured in place" gasket. This provides the most advanced sealing system available.