

4S CITADEL

CT4S™ LED GASKETED ENCLOSURE

VERY DURABLE - EASY TO CLEAN AND SERVICE - STAINLESS HARDWARE - IMPACT RESISTANT LENSES



Combination of the Citadel Family of Enclosures
in a **SMALLER** unit for tight Low Bay areas requiring
Superior LED light.

IP69

Protects LED Lighting in Demanding Environments

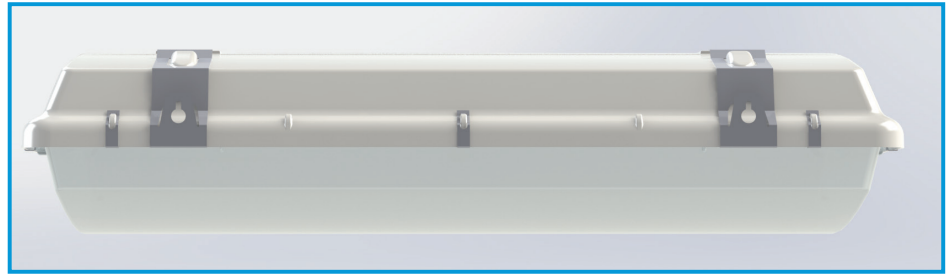


Housing

- UL 5VA Fiberglass Housing (Will not melt or burn)
- UL Approved as a Wireway and Through Wiring
- Weatherability(f1) Rated
 - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746

Entry Holes:

- For: 1/2" NPT / M20 fittings
 - SLP Hub **CT-DCB-50**
- Both Ends



Compact Design : **CT4S-HV5**

Citadel 4S has been carefully designed for complete compatibility with LEDs

Length: 26.5"

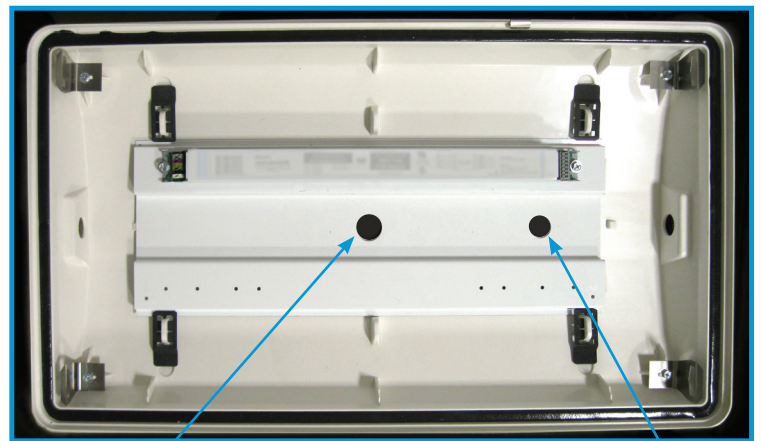
Width: 14.5"

Depth: 5.8"

Driver Mounting

Available with Proprietary Driver Mounting system for LED Applications:

- Driver Attachment Rail (Patent Pending)
- Allows for Easy Driver Mounting
- Attaches easily to housing using 2XDAR Clips
 - 4 Clips for driver mounting
 - 6 Clips required for pendant mounting
- Center hole 0.875" or 1.062" diameter for pendant mounting using SLP Hub **CT-DCB-75**
 - Housing Fabrication Required by SLP
- **CT4S-2XDAR**

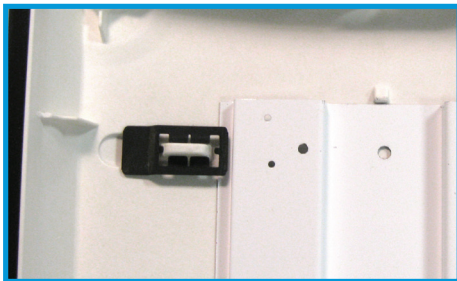


Pendant Mounting
Hole

Optional Power
Supply Entry

Driver Attachment Rail Hardware

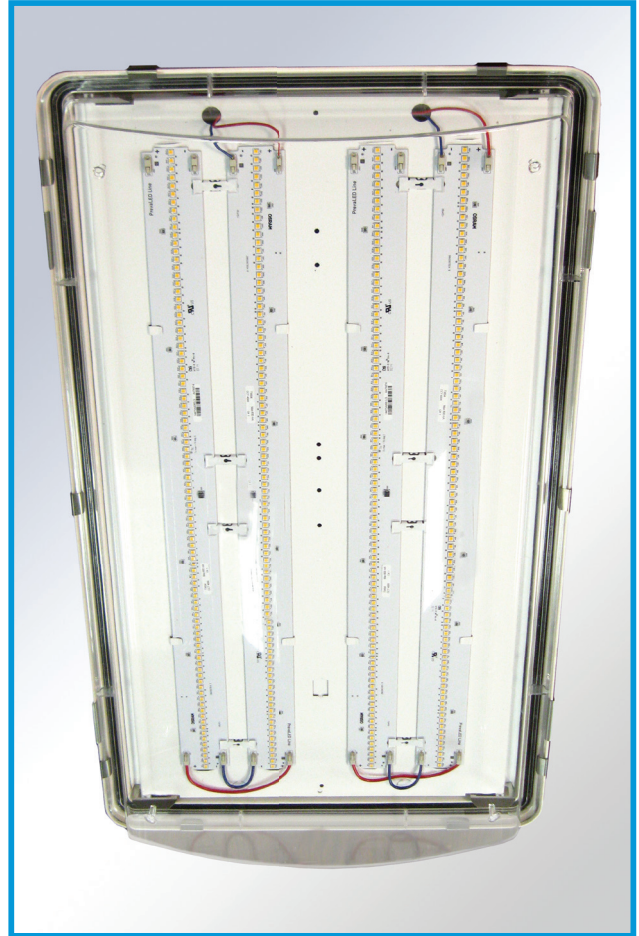
- Driver Attachment Rail Clip: **CT-2XDAR-CLIP**



- Install clips by pushing onto Housing Boss as shown
- Spring Steel clips used to ensure Driver Attachment Rail will not pop off

Boardtrays

- Pre-painted Cold Rolled Steel
- Supported by 4 Stainless Steel Retainer Clips (same as the Citadel 4/4i Geartray)
- Configurations:
 - 4 Rows of ZHAGA Board Sizes
 - 0.95" or 1.60"**
- Boardtray Retention Clips snap boards in place
 - 8 BRC Clips per unit
- **CT-LED-BRC-SM**

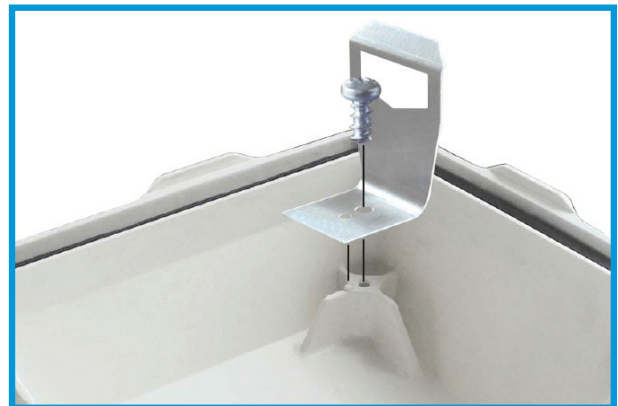


Boardtray Hardware



Geartray Retainer Clips

- Contains the boardtray inside the housing
- 316 Stainless Steel
- 4 per housing
- Installed with **CT-SCRW**
- **CT4-GTRC**



Lenses

- 100% Impact Resistant Acrylic
 - Longevity
- UV Stabilized Polycarbonate
 - Extreme Heat or Cold
 - Maximum Impact Resistance

The Optically Clear Lens maximizes efficiency and minimizes distortion.

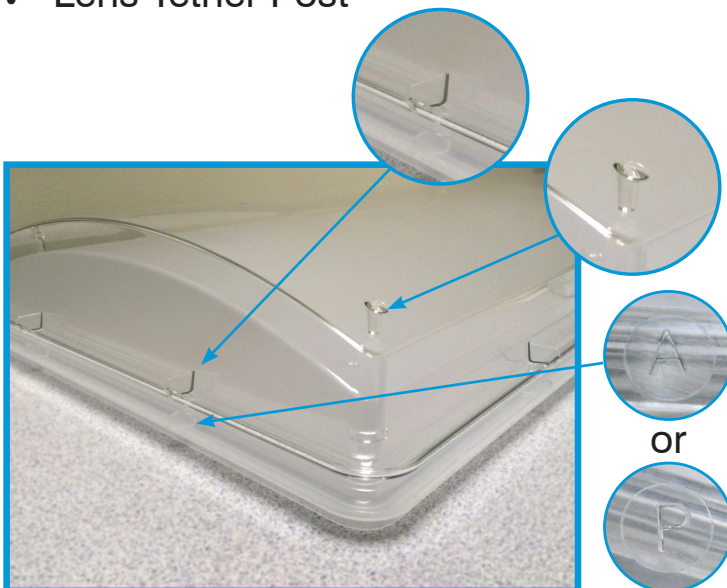
- Light Transmission of 91% (Acrylic)



FR50™ Frosted—highly efficient diffusers dramatically reduces direct glare, improves LED visual performance with a smooth distribution and Light Transmission of 88%

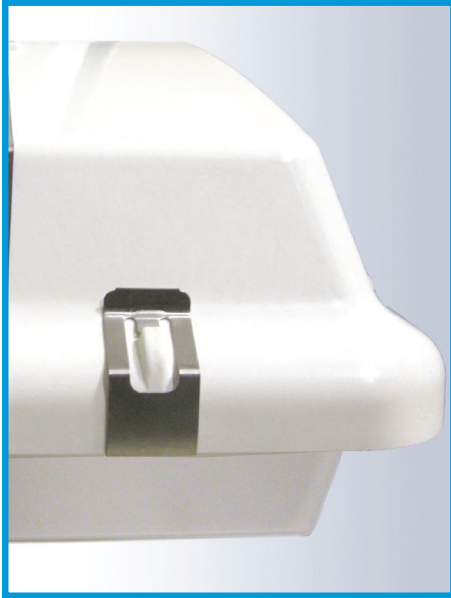
Quality

- Stacking Ribs
 - Helps prevent damage when lenses are stacked
- Lens Tether Post



- f1 Rated Material
- Protective Film protects lens from scratching during shipping and installation
 - Blue: Polycarbonate
 - Clear: Acrylic
- Material Identification marks located at one end of the lens

Lens Clips & Latches



Latch Boss Blends with the edge of the housing for a consistently smooth edge all the way around

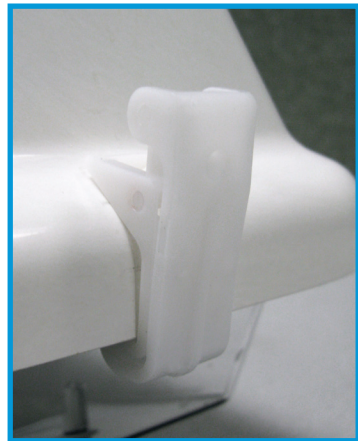
Lens Clip

- 316 Stainless Steel **CT4S-LC**
- Minimum 10 clips per unit
(10=IP65, IP66 & IP69 / 16=IP67)

Clip Installation:

1. Hook bottom of the lens clip around the skirt of the housing securing the lens to the housing.
2. Push clip up and over the boss until it snaps.

(Detailed instructions for install & removal available upon request)

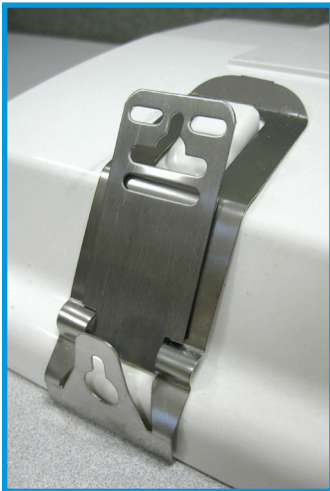
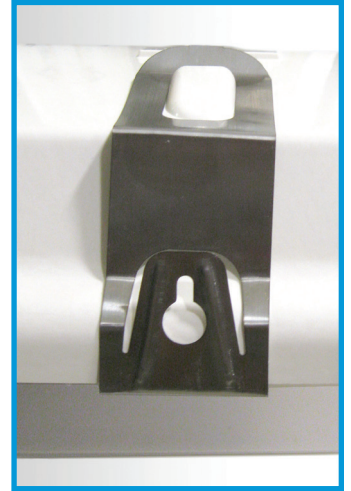


Captive Latch Options

- 316 Stainless Steel **CT4S-LATCHSS**
- White Plastic **CT4S-LATCHW**
- Uses a lens clip style keeper to snap over the latch boss on the housing and operator closes around for positive lens retention
- Minimum 10 latches per unit
(10=IP65, IP66 & IP69 / 16=IP67)

Mounting Strap

- Mounting Straps Available in 316 Stainless Steel or Zinc Plated High Strength Steel
- **CT4S-MS-SS OR CT4S-MS-ZP**
- Has optional mounting systems:
 - Mounting Strap:
 - Ceiling Mounting Bracket
 - V-Hook
 - Flexible Ceiling Mount
 - Cable (Provided By Others)
 - Chain (Provided By Others)



- Mounting Straps with Operator Addition
- Available in 316 Stainless Steel or Zinc Plated High Strength Steel
- **CT4I-MS-SS-OPERATOR OR CT4I-MS-ZP-OPERATOR**
- More Mounting options with the additon of the Operator
 - Mounting Strap and Operator:
 - Rigid Ceiling Mount
 - Pendant Mount

Mounting Options

CT4-VHOOK:

316 Stainless Steel V-hook.
UL rated for 4X fixture weight.



Mounting Bracket: CT4S-MB-SS

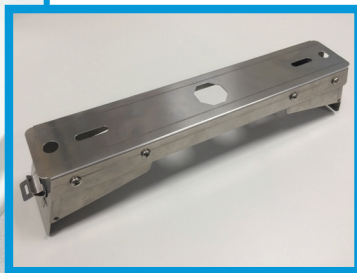
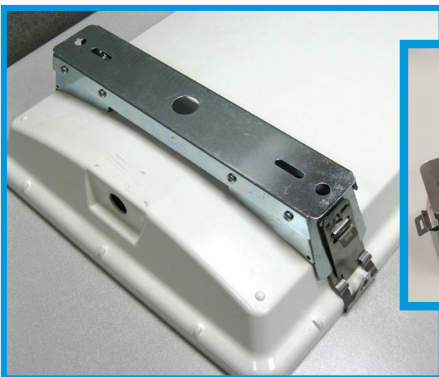
316 Stainless Steel



Rigid Mount Beam:

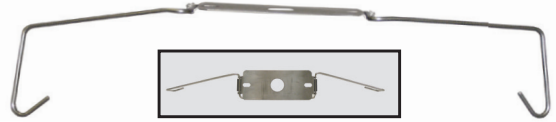
CT4I-MB-SS, CT4I-MB-ZP, CT4I-MB-SS-1.125OCT

1/2" hub for Circle; 3/4" hub for Octagon Pendant hole. Mounting Strap with Operator Required



Flexible Ceiling Mount:

316 Stainless Steel Ceiling Mount attaches directly to the ceiling.



CT4-CM1.25



1.25" Between Ceiling and Enclosure

Cable Mount:



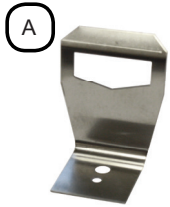
Supplied by Others

Pendant Mount:

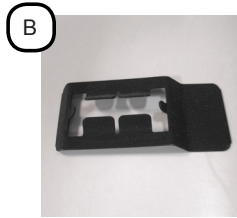
CT-2XDAR Required Install with an SLP Hub or Rigid Ceiling Mounting Beam housing modified by SLP



Hardware Placement:

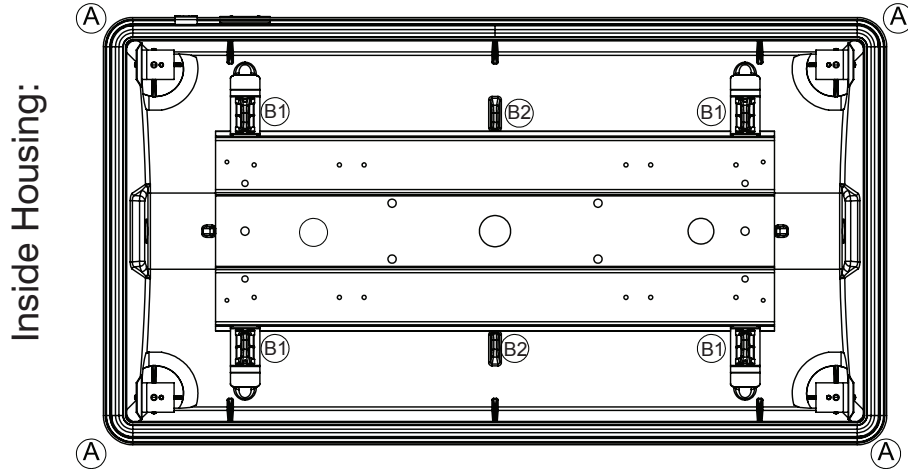


CT4-GTRC

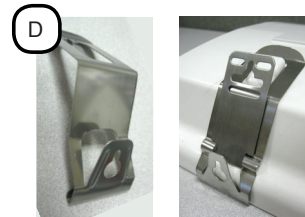


B1: Driver mounting
B1 and B2: Additional support for pendant mounting

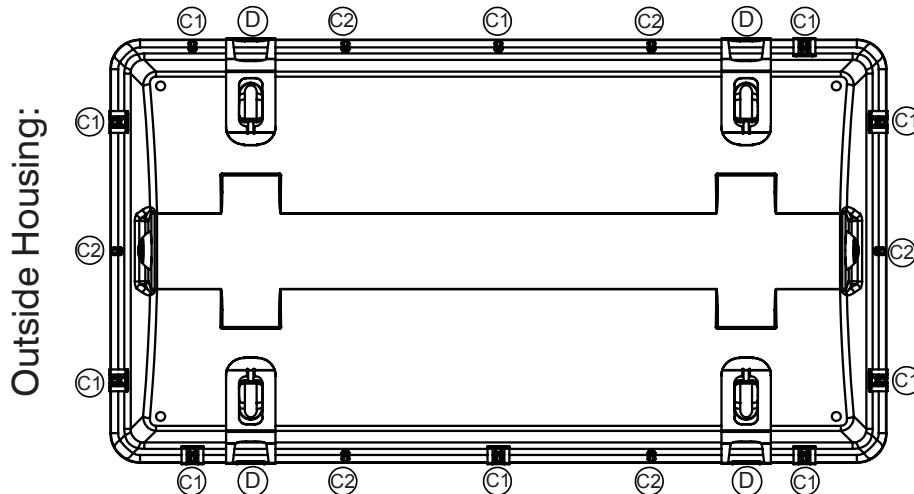
CT-2XDAR-CLIP



C1: For typical mounting IP65, IP66, IP69
C1 and C2: For IP67 and alternate mounting options
CT4S-LC, CT4S-LATCHSS, CT4S-LATCHW



CT4S-MS-(SS/ZP)
CT4I-MS-(SS/ZP)-OPERATOR



Certifications

UL

NSF

NEMA 4X

IP65

IP66

IP67

IP69

RoHS

PSI 1500

SLP Guardian Seal

Patented

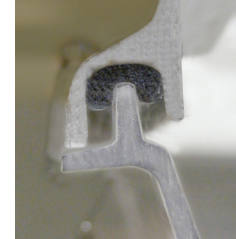


UL Listing: File E319249
UL Recognized Components: File E215168
Components Tested and Certified
by NSF International

NEMA 4X



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.



HEAT
Testing

The Citadel 4s has been subjected to various testing to ensure a superior product. Even though the material will withstand a wide temperature range, it is incumbent on others to verify that the LED/Driver combination is appropriate for the ambient temperature of the application.



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