

### Citadel2™ 8 Ft. Vapor Tight Linear LED Light

#### Description

The Citadel2™ 8 Ft. Vapor Tight Linear LED Light is engineered for the harshest environments. Constructed from impact-resistant fiberglass with a poured-in-place gasket, this fixture achieves IP65, IP66, IP67, and NEMA 4X ratings to withstand moisture, dust, and high-pressure washdowns. NSF-certified for food processing, it delivers reliable performance in freezers, parking garages, chemical plants, and manufacturing facilities where durability isn't optional.



Fiberglass Housing



#### Part Number Breakdown Example

| BASE              |         |                                                                                                                                                                        |                                                                                                                          |                                                      |                             |                                                                   | OPTIONS                                |                                        |                                                                                                                                               |                                                                                  |                        |                                                             |                                |
|-------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------|-------------------------------------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------|--------------------------------|
| CT2               | 8SFA    | 20L40                                                                                                                                                                  | 90                                                                                                                       | H                                                    | DTO                         | SS                                                                | MBB                                    | 2T50                                   | E10                                                                                                                                           | C10                                                                              | OS                     |                                                             |                                |
|                   |         |                                                                                                                                                                        |                                                                                                                          |                                                      |                             |                                                                   |                                        |                                        |                                                                                                                                               |                                                                                  |                        |                                                             |                                |
| Family            | Length  | Lens Options                                                                                                                                                           | Lumens                                                                                                                   | CCT                                                  | CRI                         | Voltage                                                           | Dimming                                | Latches                                | Mounting                                                                                                                                      | Hub Location                                                                     | Emergency              | Cord                                                        | Control                        |
| CT2:<br>Citadel 2 | 8: 8 ft | SCA: Smooth Clear Acrylic<br>SFA: Smooth Frosted Acrylic<br>RFA: Ribbed Frosted Acrylic<br>SCP: Smooth Clear PC<br>SFP: Smooth Frosted PC<br>RCA: Ribbed Clear Acrylic | 8L: 8,000 lm<br>10L: 10,000 lm<br>14L: 14,000 lm<br>16L: 16,000 lm<br>20L: 20,000 lm<br>24L: 24,000 lm<br>XL: xx,000 lm* | 30K: 3000K<br>35K: 3500K<br>40K: 4000K<br>50K: 5000K | Blank: 80 CRI<br>90: 90 CRI | Blank: Universal<br>(120–277 VAC)<br><br>H: High<br>(347–480 VAC) | Blank: 0-10V<br><br>DTO: Dim to<br>OFF | W: White<br><br>SS: Stainless<br>Steel | MB: SS Brackets<br><br>MBB: SS Brackets<br>with Bail<br><br>M45: 45° Brackets<br><br>SPM: Single Pendant<br>¾"<br><br>DPM: Dual Pendant<br>½" | 2T50: 2 Top ½"<br><br>E50: 1 End ½"<br><br>2E50: 2 Ends ½"<br><br>C75: Center ¾" | E10: 10 W<br>Emergency | C10: 10 ft Black<br><br>C10P: 10 ft Black<br>Cord with Plug | OS: PIR<br>Occupancy<br>Sensor |

\*Note: SLP offers extended lumen packages, ask our customer service for more info

#### Benefits and Features

- Non-combustible UL 5VA fiberglass housing won't melt or burn
- UV-stabilized f1 rating for continuous outdoor exposure.
- UL 746 certified for water exposure and immersion
- Pour-in-place polyurethane gasket watertight seal.
- Fungus-resistant gasket prevents biological growth
- Captive latches won't fall off during maintenance.
- Tool-free latch operation reduces service time.
- Available in white or 316 stainless steel latches.
- Impact-resistant acrylic or polycarbonate lens options.
- Available in 2 ft, 4ft, or 8 ft
- Made in USA with BAA/BABA compliance.

#### Electrical

- Universal voltage operation (120-277 VAC) standard.
- High voltage option available (347-480 VAC).
- Standard 0-10V dimming for lighting control integration.
- Dim-to-off capability for maximum energy savings.
- Multi-CCT switchable options (3000K/4000K/5000K).

#### Applications

- Parking garages and covered parking structures
- Food processing facilities requiring washdown capabilities
- Cold storage warehouses and walk-in freezers
- Manufacturing facilities with dust and moisture
- Garden centers and outdoor retail spaces
- Loading docks and shipping/receiving areas
- Arena and gymnasiums wet areas
- Car wash facilities

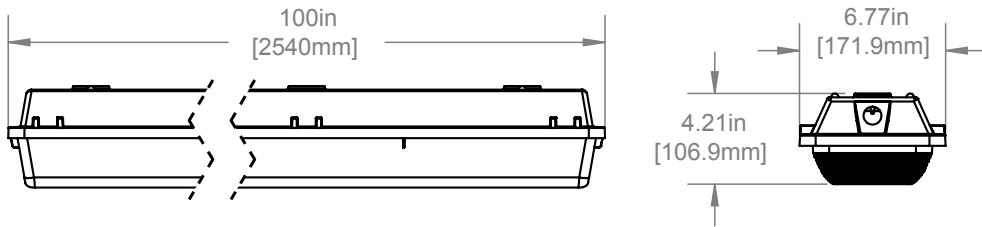
#### Certifications

- UL 1598 listed for wet location applications.
- NSF International certified for food service environments.
- IP65, IP66, and IP67 ingress protection ratings.
- NEMA 4X rated for corrosive and outdoor conditions.
- RoHS compliant for environmental safety.
- DLC QPL qualified for energy rebate programs.

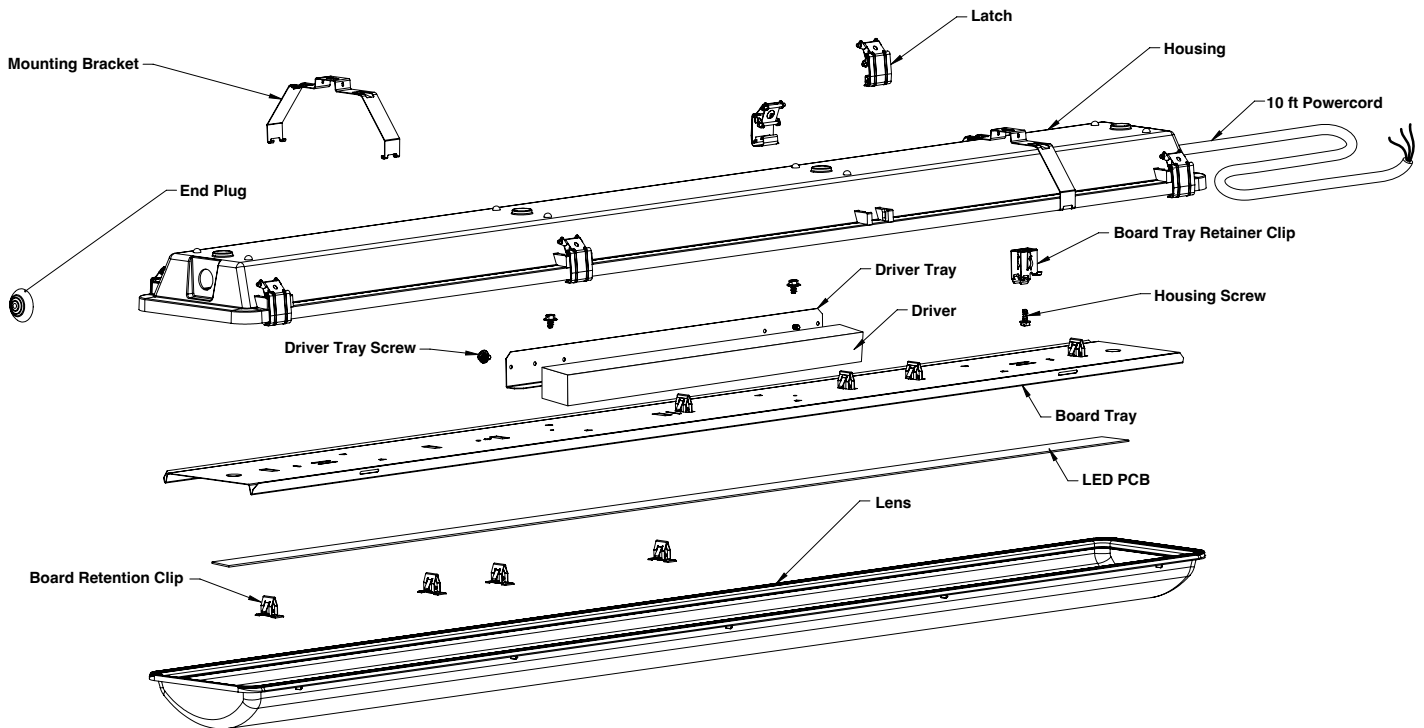
### Installation

- Multiple mounting options: surface brackets, pendant, or 45°.
- Stainless steel mounting hardware included with fixture.
- Tool-free lens and tray access for quick maintenance.
- Hub configurations available in ½" or ¾" NPT.
- Continuous row mounting capability for seamless light runs.

### Dimensional Diagram



### Component Assembly View (4 Ft. Fixture Example)





## Specification Sheet Citadel™ 2

Type \_\_\_\_\_  
Project \_\_\_\_\_  
Date \_\_\_\_\_

### General Specifications

| Physical                  | Value                                              |
|---------------------------|----------------------------------------------------|
| Dimensions (L x W x H)    | 100" x 6.77" x 4.21"                               |
| Weight / Housing Material | X lbs* / UL 5VA Fiberglass                         |
| Lens Material             | Acrylic or Polycarbonate                           |
| Lens Options              | Clear, FR50 Frosted                                |
| Lens Profiles             | Lineal Ribbed, Smooth                              |
| Electrical                | Value                                              |
| Input                     | 120-277 VAC (Universal)                            |
| High Voltage Option       | 347-480 VAC                                        |
| Frequency                 | 50/60 Hz                                           |
| Power Factor              | >0.90                                              |
| Dimming / Option          | 0-10V Standard / Dim-to-off                        |
| Performance               | Value                                              |
| Lumen Packages            | 10,000 - 24,000 lumens                             |
| Wattage Range             | 71W - 171W                                         |
| Efficacy                  | Up to 140 lm/W                                     |
| CCT Options               | 3000K, 3500K, 4000K, 5000K, Selectable 35K-40K-50K |
| CRI                       | 80 (Standard), 90 (Optional)                       |
| Operating Temp            | -40°F to 131°F (-40°C to 55°C)                     |
| Environmental             | Value                                              |
| IP Rating                 | IP65, IP66, IP67                                   |
| NEMA Rating               | 4X                                                 |
| NSF                       | Certified (Near Food Safe)                         |
| UL Listing                | Wet Location, UL 1598                              |
| Warranty                  | 5 Year**                                           |
| Mounting                  | Value                                              |
| Mounting Option           | Surface, Pendant, 45° Angle                        |
| Hub Sizes                 | ½" NPT, ¾" NPT                                     |
| Continuous Row            | Yes                                                |

\*Note: Weight varies from lumen packages, mounting and options

\*\*Note: 5-Year Warranty based on our Limited Warranty Document



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Contact customer support for all product options.  
Note: Product specifications and details subject to change without notification.



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