



# TUSS-LED

Maximum Security **LED** Surface Ceiling

## PRODUCT SPECIFICATION

The TUSS series is designed for ceiling surface mount cell lighting in medium, maximum and super max security detention facilities.

### Mounting

Surface mounts to ceiling.

### Clam Shell Housing

One piece, die-formed cold rolled steel with tapered sides, seams welded and ground smooth, 14 gauge lens retainers and a full length, welded pin piano hinge. Stainless steel available.

### Back Plate

16 gauge die-formed cold rolled steel with embossed mounting holes to create a contraband drop slot / irremovable blade trap.

### Internal Lens

Optic Plus lens (standard) completely hides diode image while providing minimum 95% light transmission.

### Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

### Hardware

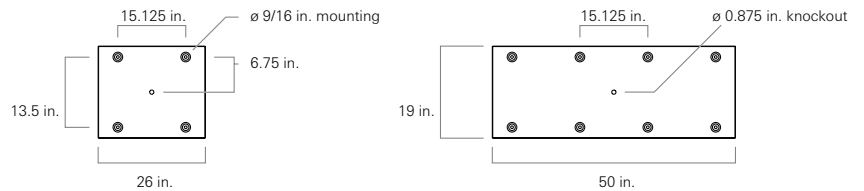
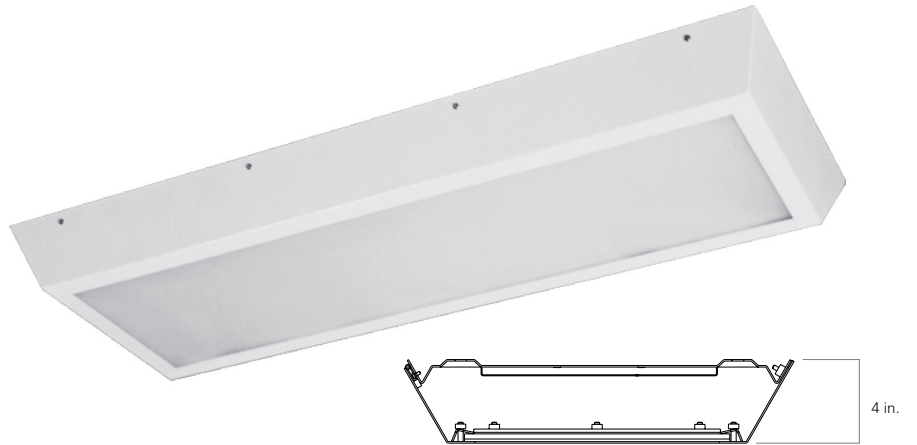
Recessed, stainless steel, tamper-proof fasteners.

### Driver

0-10Vdc dimming, Range 10%-100%  
-40°C Min. starting temperature, >0.9 PF, <20% THD.

### Wiring

Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.



### Certifications

UL Listed damp or wet location. IP34 rated. Covered ceilings only.



TUSS	one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve	thirteen
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### one Luminaire Size

- 2 2 ft fixture
- 4 4 ft fixture

### two LED Rows

- 2L Two
- 3L Three
- 4L Four

### three Color Temperature

- 35 3500K
- 40 4000K
- 50 5000K

### four Housing Gauge

- N 18 gauge, minimum security
- D 16 gauge, medium security
- X 14 gauge, maximum security
- U 12 gauge, super max, CRS only

### five Housing Material

- C Cold rolled steel
- S Stainless steel

### six Finish

- R Brushed stainless steel
- W White

### seven Voltage

- 120 120 V, 60 Hz
- 277 277 V, 60 Hz
- VAR Variable, 120-277 V, 50/60Hz

### eight Driver

- DM 0-10Vdc Dimming, standard

### nine Internal Lens

- 122 Optic Plus LED diffusing acrylic lens, std
- 53 .125 in. K12 prismatic acrylic
- 12 .125 in. K12 prismatic polycarbonate
- 15 .156 in. K12 prismatic polycarbonate
- 16 .187 in. K12 prismatic polycarbonate
- 75 .156 in. C73 prismatic tempered glass

### ten External Lens

- 30 .187 in. clear polycarbonate
- 32 .250 in. clear polycarbonate
- 36 .375 in. clear polycarbonate
- 38 .500 in. clear polycarbonate
- 90 .187 in. clear tempered glass
- 92 .250 in. clear tempered glass
- 96 .375 in. clear tempered glass

### eleven Fasteners

- AP Stainless steel allen head with pin
- TP Stainless steel torx head with pin
- PH Phillips, non-security

### twelve UL Listing

- D Damp location
- W Wet location

### thirteen Options

- SO Specified output\*
- 2C Two-circuit wired
- CU Canadian UL Listing
- EM Emergency battery backup
- FH Fuse and holder
- NL-LED Night light, LED
- IMS Integral Occ Sensor

\* Indicated as SO(xx/xxxx). Specified output, Input watts / delivered lumens to be determined based on specified requirements.

Modifications are available to meet custom requirements.