



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

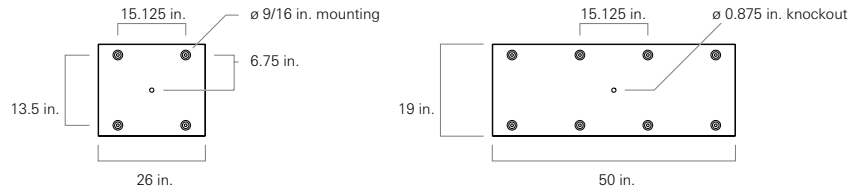
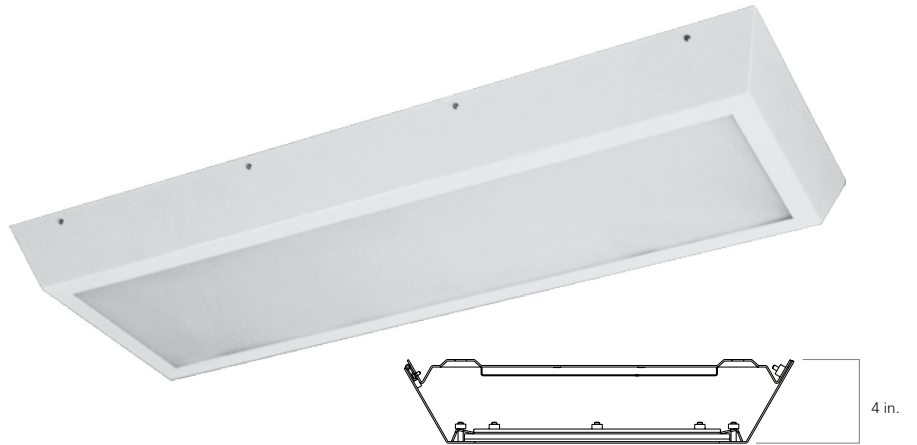
Recessed, stainless steel, tamper-proof fasteners.

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 Intregal 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.