TUSS-LED

Maximum Security   **LED**   Surface   Ceiling

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 / irretrievable 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.
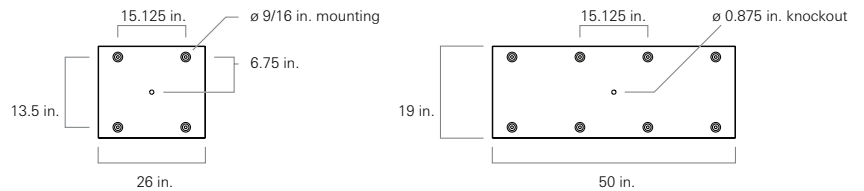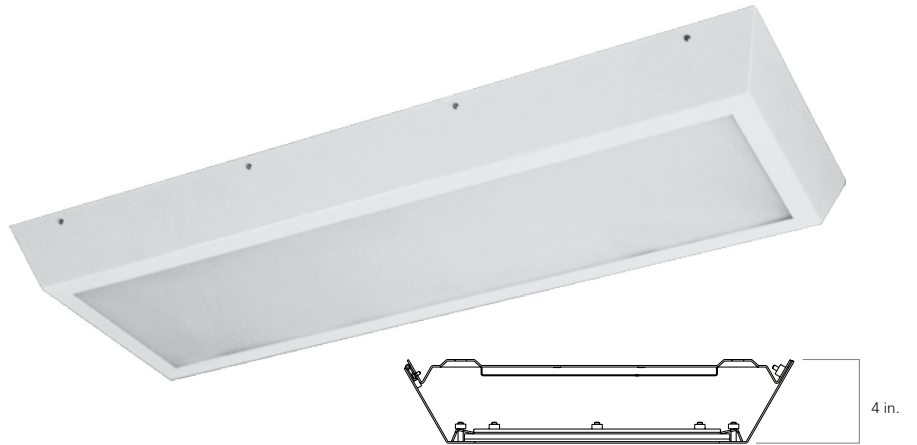
Hardware
Recessed, stainless steel, tamper-proof fasteners.

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.

Job Name

Fixture Type

Catalog No.

Approval   Date

4 in.

15.125 in.   ø 9/16 in. mounting

13.5 in.   6.75 in.

26 in.

15.125 in.   ø 0.875 in. knockout

19 in.

50 in.

TUSS	-		-			-			-		/		-			-	
		one		two	three	four		five	six		seven	eight		nine	ten		eleven twelve	thirteen

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, <u>CRS only</u>

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, <u>standard</u>

nine   Internal Lens
122   Optic Plus LED diffusing acrylic lens, <u>std</u>
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   Intregral 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.