



## PRODUCT SPECIFICATION

The TUST series is designed for use in all levels of correctional facilities, behavioral health units, and high abuse applications. Anti-ligature for patient safety.

**Mounting**

Surface mounts to ceiling.

**Clamshell 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. Stainless steel available.

**Internal Lens**

Optic Plus lens (standard) completely hides diode image while providing greater than 90% light transmission.

**Finish**

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. 304 Brushed stainless steel available.

**Hardware**

Recessed, stainless steel, tamper-proof fasteners.

**Driver**

0-10Vdc 1% dimming, >0.9 PF, <20% THD

Factory programmable, Operating temp -40°C Min. to 50°C Max

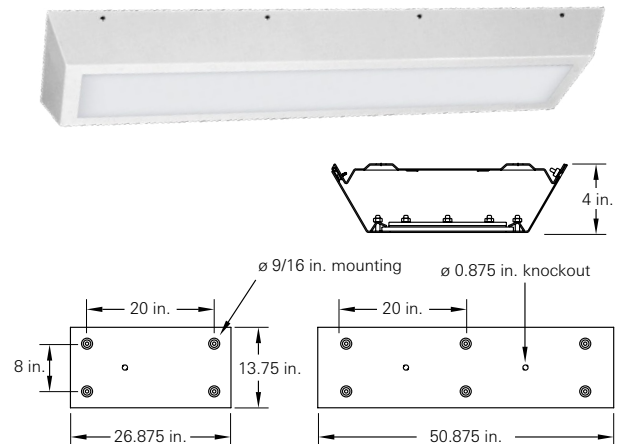
**Wiring**

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. Constructed to pass MIL-S-901 Grade A, Type A, High Impact Shock Test and MIL-S-167 Type 1, Vibration Test



|                                   | one                                                            | two                                               | three                             | four                                   | five                                    | six                                                                   | seven                            | eight | nine      | ten | eleven | twelve | thirteen | fourteen | fifteen |
|-----------------------------------|----------------------------------------------------------------|---------------------------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------------------------------------|----------------------------------|-------|-----------|-----|--------|--------|----------|----------|---------|
| <b>TUST</b>                       | -                                                              | -                                                 | /                                 | -                                      | -                                       | -                                                                     | -                                | -     | <b>DM</b> | -   | /      | -      | -        | -        | -       |
| <b>one Luminaire Size</b>         | 2 2 ft fixture                                                 | 4 4 ft fixture                                    |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>two LED Source</b>             | Refer to the LED Source Table on Page 2 for available options. |                                                   |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>three Color Temperature</b>    | 30 3000K                                                       | 35 3500K                                          | 40 4000K                          | 50 5000K                               |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>four CRI</b>                   | 80 80 CRI                                                      | 90 90 CRI                                         |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>five Housing Gauge</b>         | N 18 gauge, minimum security                                   | D 16 gauge, medium security                       | X 14 gauge, maximum security      | U 12 gauge, super max, <u>CRS only</u> |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>six Housing Material</b>       | C Cold rolled steel                                            | S Stainless steel                                 |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>seven Finish</b>               | R 304 Brushed stainless steel                                  | W White                                           |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>eight Voltage</b>              | VAR Variable, 120-277 V, 50/60Hz                               | 347 347VAC, 60Hz                                  |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>nine Driver</b>                | DM 0-10Vdc Dimming, <u>standard</u>                            |                                                   |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>ten Internal Lens</b>          | 122 Optic Plus LED diffusing acrylic, <u>std</u>               | 130 .125 in. LED diffusing Lexan                  | 53 .125 in. K12 prismatic acrylic | 12 .125 in K12 prismatic polycarbonate | 15 .156 in. K12 prismatic polycarbonate | 16 .187 in. K12 prismatic polycarbonate                               |                                  |       |           |     |        |        |          |          |         |
| <b>eleven External Lens</b>       | 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 |       |           |     |        |        |          |          |         |
| <b>twelve Door Fasteners</b>      | AP Stainless steel allen head with pin                         | TP Stainless steel torx head with pin             | PH Phillips head, non-security    |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>thirteen Electrical Access</b> | A 2.250 in. diameter access hole                               | K 0.875 in. diameter knockout(s), <u>standard</u> |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>fourteen UL Listing</b>        | D Damp Location                                                | W Wet Location                                    |                                   |                                        |                                         |                                                                       |                                  |       |           |     |        |        |          |          |         |
| <b>fifteen Options</b>            | 2C Two-circuit wired                                           | CU Canadian UL Listing                            | EM Emergency battery backup       | FH Fuse and holder                     | IMS Integral Occ Sensor                 | NL-LED Night light, LED (Amber available) <u>5-100% Adjustability</u> | SBP Stainless Steel Backplate    |       |           |     |        |        |          |          |         |

Modifications are available to meet custom requirements.  
Specifications and dimensions are subject to change without notice.

Delivered lumen output calculated using 122 inner lens and 32 (.250" Clear Polycarbonate) outer lens (Highlighted below).

## Specified Output Option

**Example Model:**  
TUST4-**XX<sup>1</sup>**SO-40/80-DCW-VARDM-122/32-(**XX<sup>2</sup>**/**LUMENS**)  
**LUMENS** = You provide the lumens.  
**XX<sup>1</sup>** = We will determine the number of rows.  
**XX<sup>2</sup>** = We will provide the wattage information.