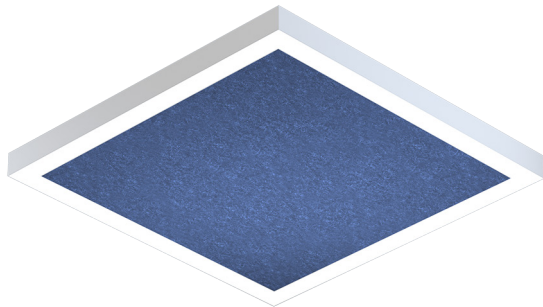


# Square STFU 2x2

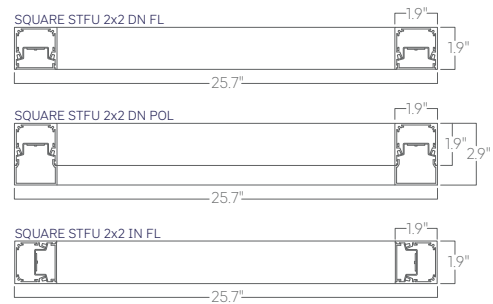


For noise reduction and architectural lighting in one, the STFU series offers a wide range of acoustic felt colors, shapes, profiles, and mounting options.

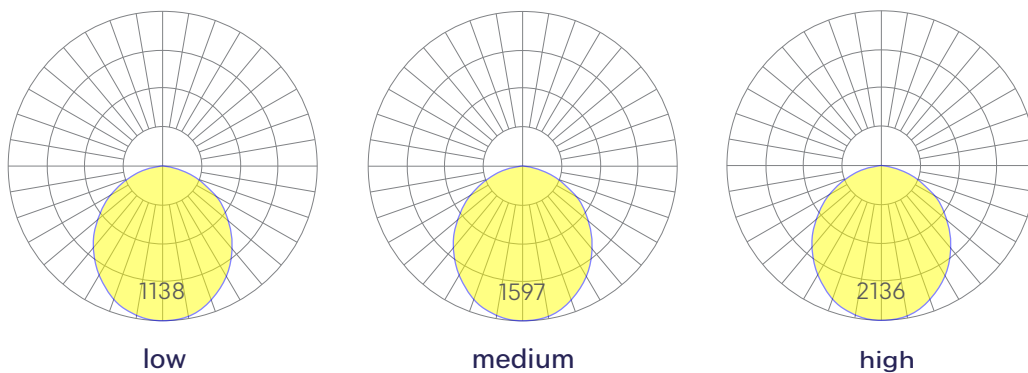
## Features

- 20 specifiable colors of recycled PET acoustic felt
- Noise Reduction Coefficient of .75
- Power Over Wire system eliminates power cord
- Aluminum core LED boards, specifiable output
- Specifiable color temperature. CRI > 90, R9 >50
- Specifiable, dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

## Dimensions



## Optics



Representative distribution and peak candela. For other options see order information or IES files [here](#).

# Square STFU 2x2

## Ordering Information



Example: SQUARE STFU 2X2 - 35 - MED - UNV - DB - W - BLK - ACP - FL - CCS - DAYCKT - NA

|  |  |  |  |  |
|--|--|--|--|--|
| <b>Fixture ID</b> <input type="text" value="1"/>   | <b>Length</b> <input type="text" value="2"/>   | <b>Color Temperature</b> <input type="text" value="3"/>  |  | <b>Output</b> <input type="text" value="4"/>   |
| <b>SQUARE STFU</b>   | <b>2x2</b>   | <b>27</b> 2700K/90 CRI<br><b>30</b> 3000K/90 CRI<br><b>35</b> 3500K/90 CRI<br><b>40</b> 4000K/90 CRI<br><b>50</b> 5000K/90 CRI<br><br><b>WD<sup>1</sup></b> Warm Dim 2200K-3000K<br><b>TW<sup>2</sup></b> Tunable White 2700K-6500K<br><b>RGBW30<sup>3</sup></b> RGB +white, 3000k<br><b>RGBW35<sup>3</sup></b> RGB +white, 3500k<br><b>RGBW40<sup>3</sup></b> RGB +white, 4000k<br><br><small><sup>1</sup>Must use WD10 driver.<br/> <sup>2</sup>Must use TW10 or PSQ driver.<br/> <sup>3</sup>Must use remote DMX driver. "High" output not available.</small> |  | <b>LOW</b> Low output<br><b>MED</b> Medium output<br><b>HIGH</b> High output<br><b>CUST</b> Custom output <sup>1</sup><br><br><small><sup>1</sup>consult factory</small> |
| <b>Voltage</b> <input type="text" value="5"/>  | <b>Driver</b> <input type="text" value="6"/>   | <b>Finish</b> <input type="text" value="7a-"/> <input type="text" value="7b-"/>  | <b>Mounting</b> <input type="text" value="8"/>   |  |
| <b>UNV</b> Universal (120/277V)<br><b>347V<sup>1</sup></b> 347V<br><br><small><sup>1</sup>Must use DB Driver</small> | <b>DB</b> Standard 0-10V 1%<br><b>DB.1%</b> 0-10V 0.1%<br><b>ELV<sup>2</sup></b> Reverse Phase 1% (120V only)<br><b>TRI<sup>2</sup></b> Forward phase (120V only)<br><b>LDE1</b> Lutron Digital EcoSystem<br><b>JA8</b> JA8 compliant 1% dimming<br><b>DALI</b> DALI-2 Driver<br><b>PoE</b> Power over ethernet.<br><b>TW10</b> 2 ch, 0-10V for tunable white.<br><b>WD10</b> 0-10V Warm Dim<br><b>PSQ</b> Lutron T-Series 2-channel 1% for tunable white<br><b>DMX<sup>1</sup></b> DMX512<br><br><small><sup>1</sup>Set to default address 001. RDM capable. Contact us for other addressing needs. All DMX drivers provided in remote enclosures.<br/> <sup>2</sup>For compatible dimmers, click here.</small> | <b>7a - Housing</b><br><b>W</b> White<br><b>BLK</b> Black<br><b>CC<sup>1</sup></b> Custom color<br><br><b>7b - Felt<sup>2</sup></b><br><b>White</b><br><b>Black</b><br><b>Marbled Grey</b><br><b>Taupe</b><br><b>Charcoal</b><br><br><small><sup>1</sup>Custom Color. See finish options here.<br/> <sup>2</sup>More felt colors available. See page 4. White SJ cord and canopy provided; for other requests, see section 12 to specify.</small>  | <b>ACP</b> Power Over Aircraft Cable<br><b>AC</b> Aircraft Cable (50")<br><b>PS-X</b> Pendant Stem (12", 18", 24", 36", 48")<br><br><small>White stems and canopy provided. Must specify other requests.</small>                                 |  |
| <b>Optics</b> <input type="text" value="9"/>   | <b>Sensors/Controls</b> <input type="text" value="10"/>  | <b>Circuit</b> <input type="text" value="11"/>   | <b>Options</b> <input type="text" value="12"/>   |  |
| <b>FL</b> Flush lens<br><b>POL</b> 1" Pop-out-lens   | <b>NA</b> None<br><b>EIS</b> Enlighted sensor<br><b>WISM</b> Wattstopper occupancy sensor<br><b>WISD</b> Wattstopper daylight sensor<br><b>ACM</b> Acuity nLight module only<br><b>ACS</b> Acuity nLight sensor<br><b>CCS</b> Casambi module<br><b>AWNRR</b> Lutron Athena Wireless Node Module<br><br><small>Consult factory for other options.</small>   | <b>NA</b> None<br><b>EMPCK</b> Emergency Battery Pack<br><b>EMCKT</b> Emergency Circuit<br><b>DAYCKT</b> Daylight Circuit  | <b>STD</b> White Canopy + White Cord<br><b>CAN-X<sup>1</sup></b> Canopy + color<br><b>SJ-X<sup>2</sup></b> SJ Cord + color<br><br><small><sup>1</sup>See finish options here.<br/> <sup>2</sup>SJ Cord only available in White or Black.</small> |  |

## Performance

| Output <sup>1</sup> | Watts | Lumens |
|---------------------|-------|--------|
| Low                 | 40    | 3067   |
| Medium              | 58    | 4318   |
| High                | 80    | 5777   |

<sup>1</sup>Based on a typically configured 90 CRI, 3500K luminaire using one driver.

Custom outputs available. Please consult factory.  
For 4000K multiply by 1.05; for 3000K 0.96; for 2700K, 0.92

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: September, 2022

# Square STFU 2x2

## Drivers & Electrical

Our Power Over Wire system delivers power to the luminaire via suspension cables, eliminating a separate power feed. Drivers are housed in the luminaire canopy or in factory supplied remote enclosures<sup>1</sup>. All drivers are dimmable.

<sup>1</sup>See order information for more details.

## Emergency Back-Up

Emergency, battery-powered drivers are available. Emergency circuits for use with building generators are also available.

## PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox. Consult Factory for systems not listed. See [here](#) for more info.

## Weight

10 lbs

## Optics

Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## Construction

Extruded, recycled aluminum with recycled PET acoustic felt.

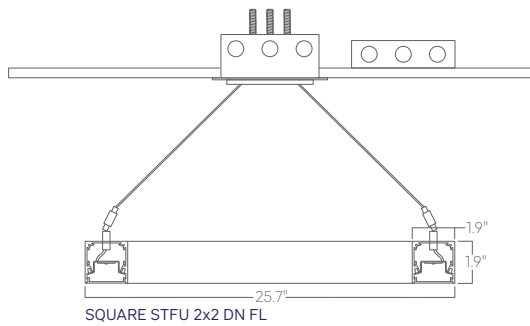
## Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

# Square STFU 2x2

## Mounting

**Aircraft cable / Power over aircraft cable**



**Pendant stem**

