

# TDCW 2x4

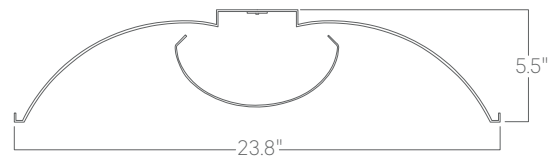


Our architectural troffers offer a variety of standard sizes and features suitable for any modern space.

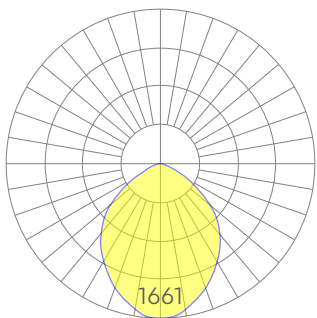
## Features

- Cold-rolled steel housing
- Specifiable color temperature. CRI > 90, R9 >50
- Integral, specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

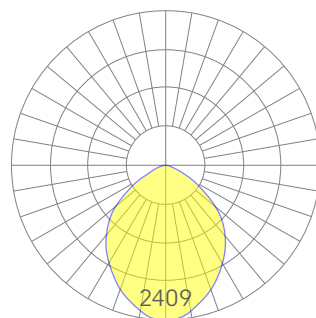
## Dimensions



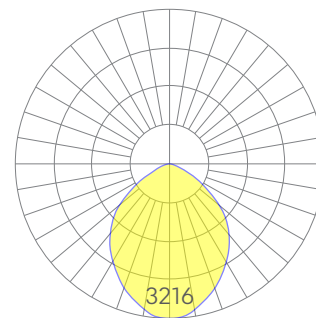
## Optics



low



medium



high

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

# TDCW 2x4

## Ordering Information



Example: TDCW - X - 35 - MED - UNV - DB - W - AC - SD - CCS - DAYCKT - NA

|   |   |  |  |  |
|---|---|--|--|--|
| <b>Fixture ID</b> <input type="text" value="1"/>  | <b>Size</b> <input type="text" value="2"/>  | <b>Color Temperature</b> <input type="text" value="3"/>  |  | <b>Output</b> <input type="text" value="4"/> |
| TDCW  | 2x4   | <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</b> <sup>1</sup> Warm Dim 2200K-3000K<br><b>TW</b> <sup>2</sup> Tunable White 2700K-6500K<br><br><small><sup>1</sup>Must use WD10 driver.<br/><sup>2</sup>Must use TW10 or PSQ driver.</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="7"/>   | <b>Mounting</b> <input type="text" value="8"/>   |  |
| <b>UNV 347V</b> <sup>1</sup> Universal (120/277V) 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</b> <sup>2</sup> Reverse Phase 1% (120V only)<br><b>TRI</b> <sup>2</sup> Forward phase (120V only)<br><b>LDE1</b> Lutron Digital EcoSystem<br><b>DALI</b> DALI-2 Driver<br><b>PoE</b> Power over ethernet.<br><b>TW10</b> Dual channel, 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</b> <sup>1</sup> DMX512<br><br><small><sup>1</sup>Set to default address 001. Contact us for other addressing needs.<br/><sup>2</sup>For compatible dimmers, click <a href="#">here</a>.</small> | <b>W</b> White<br><b>CC</b> <sup>1</sup> Custom Color<br><br><small><sup>1</sup>Custom Color. See finish options <a href="#">here</a>.</small>   | <b>T</b> 9/16" Tee Grid<br><b>T15</b> 15/16" Tee Grid<br><b>SG</b> Slot Grid/Interlude<br><b>F</b> Flange  |  |
| <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>SD</b> Standard Diffuser   | <b>NA</b> None<br><b>ACM</b> Acuity nLight Module Only<br><b>CCS</b> Casambi Module<br><b>AWN</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>NA</b> None<br><b>WH6</b> 6ft whips preinstalled  |  |

## Performance

| Output <sup>1</sup> | Watts | Lumens |
|---------------------|-------|--------|
| Low                 | 40    | 3811   |
| Medium              | 58    | 5544   |
| High                | 80    | 7334   |

<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: January 2023

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# TDCW 2x4

## Drivers & Electrical

Integral drivers\* with 0-10V Dimming standard. Several other driver options available; see ordering information.

\*DMX drivers are provided in remote enclosures.

## 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

25 lbs

## Optics

Single perforated metal basket that provides excellent diffusion, high transmission, and no LED imaging.

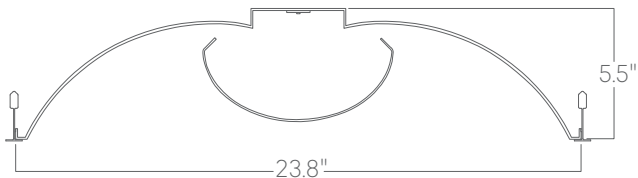
## Construction

Cold-rolled steel.

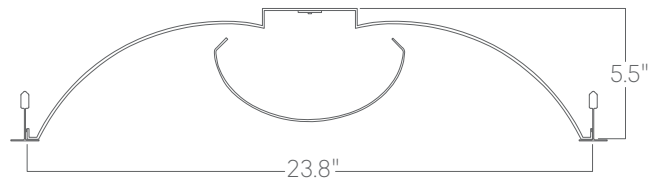
## Finishes

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

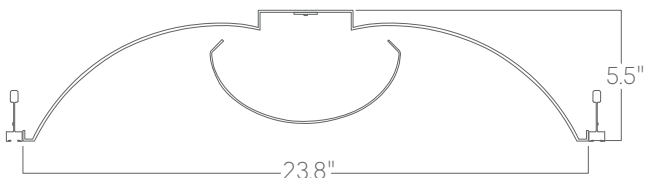
## Mounting Options



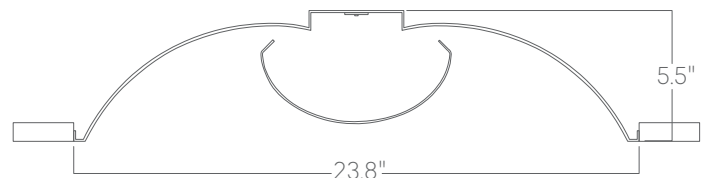
**T**  
9/16" tee grid



**T15**  
15/16" tee grid



**SG**  
slot grid



**F**  
flange