

# Volumetric Troffer

## Direct Wire LED Fixtures



- Universal voltage (120-277 VAC)
- Dimmable options (120 VAC)
- 2x2 and 2x4 models
- No ballast, includes direct wire LED tubes
- 50,000 hour lifetime

Toggled® direct wire LED fixtures are an ideal complement or full replacement for existing fluorescent T8/T12 fixtures. Every fixture uses direct wire technology so there's no additional wiring set-up required. Offering a wide assortment of tube color temperature options (3000K to 6500K) as well as easy tube replacement at an LEDs lifespan ending, Toggled fixtures are designed to last well into the future.

Toggled direct wire LED fixtures do not use fluorescent ballasts. This allows for both energy savings as a result of no longer having to constantly power ballast(s) as well as cost savings from not requiring future ballast replacements as well as their associated maintenance costs.

Toggled fixtures are compatible with the entire Toggled LED tube product line.

### Outstanding Product Performance

- Up to 70% energy savings
- Eliminates ballasts and maintenance costs
- Designed for direct connection to building AC power, voltage 120-277 VAC
- Operating temperature -20 to 45°C

### Superior Quality of Light

- Consistent color rendering, 80 CRI minimum
- UL listed

### Commercial-Grade

- All metal construction
- Durable white powder-coated finish
- Reliable start in cold temperatures
- Customizable color temperatures (3000K, 4000K, 5000K, and 6500K)
- Total output up to 6,000 lumens

## Ordering Information

| Fixture              | Type                 | Length                   | # Lamps              | Style                | Lens                 | Wire Termination     | Tube Model #         |
|----------------------|----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/>     | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| F = Fixture          | T = Troffer          | 2 = 2 feet<br>4 = 4 feet | 3 = 3 lamps          | 0 = Standard         | V = Volumetric       | 0 = None             | See Specifications   |



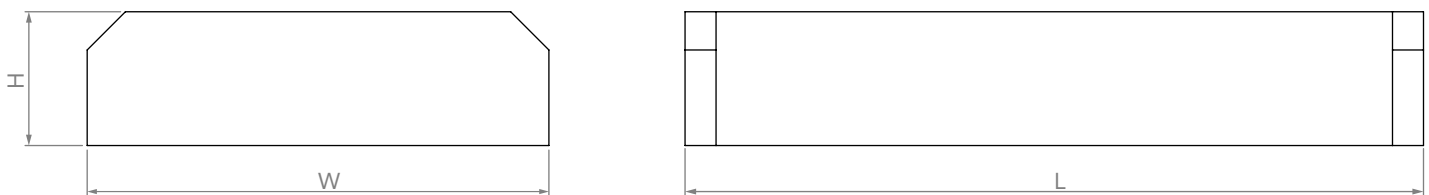
## Specifications (volumetric troffer direct wire LED fixtures)

|                                  | Model No.          | Length | Input Voltage | Total Power (Watts) | Total Lumens | Efficacy | CRI | CCT   | PF   |
|----------------------------------|--------------------|--------|---------------|---------------------|--------------|----------|-----|-------|------|
| Universal Tubes<br>(120-277 VAC) | FT230V0-E208-30310 | 2 feet | 120-277 VAC   | 24                  | 1,680        | 70       | ≥80 | 3000K | >0.9 |
|                                  | FT230V0-E208-40310 | 2 feet | 120-277 VAC   | 24                  | 1,680        | 70       | ≥80 | 4000K | >0.9 |
|                                  | FT230V0-E208-50310 | 2 feet | 120-277 VAC   | 24                  | 1,680        | 70       | ≥80 | 5000K | >0.9 |
|                                  | FT230V0-E208-65310 | 2 feet | 120-277 VAC   | 24                  | 1,680        | 70       | ≥80 | 6500K | >0.9 |
| Dimmable Tubes<br>(120 VAC)      | FT230V0-D208-30321 | 2 feet | 120 VAC       | 24                  | 1,500        | 63       | ≥80 | 3000K | >0.9 |
|                                  | FT230V0-D208-40321 | 2 feet | 120 VAC       | 24                  | 1,560        | 65       | ≥80 | 4000K | >0.9 |
|                                  | FT230V0-D208-50321 | 2 feet | 120 VAC       | 24                  | 1,560        | 65       | ≥80 | 5000K | >0.9 |
|                                  | FT230V0-D208-65321 | 2 feet | 120 VAC       | 24                  | 1,560        | 65       | ≥80 | 6500K | >0.9 |

|                                  | Model No.          | Length | Input Voltage | Total Power (Watts) | Total Lumens | Efficacy | CRI | CCT   | PF   |
|----------------------------------|--------------------|--------|---------------|---------------------|--------------|----------|-----|-------|------|
| Universal Tubes<br>(120-277 VAC) | FT430V0-E416-30310 | 4 feet | 120-277 VAC   | 48                  | 3,150        | 66       | ≥80 | 3000K | >0.9 |
|                                  | FT430V0-E416-40310 | 4 feet | 120-277 VAC   | 48                  | 3,150        | 66       | ≥80 | 4000K | >0.9 |
|                                  | FT430V0-E416-50310 | 4 feet | 120-277 VAC   | 48                  | 3,150        | 66       | ≥80 | 5000K | >0.9 |
|                                  | FT430V0-E416-65310 | 4 feet | 120-277 VAC   | 48                  | 3,150        | 66       | ≥80 | 6500K | >0.9 |
| High Output                      | FS430V0-E425-40320 | 4 feet | 120-277 VAC   | 75                  | 6,000        | 68       | ≥80 | 4000K | >0.9 |
|                                  | FS430V0-E425-50320 | 4 feet | 120-277 VAC   | 75                  | 6,000        | 68       | ≥80 | 5000K | >0.9 |
|                                  | FS430V0-E425-65320 | 4 feet | 120-277 VAC   | 75                  | 6,000        | 68       | ≥80 | 6500K | >0.9 |
| Dimmable<br>Tubes (120 VAC)      | FT430V0-D416-30321 | 4 feet | 120 VAC       | 48                  | 2,850        | 60       | ≥80 | 3000K | >0.9 |
|                                  | FT430V0-D416-40321 | 4 feet | 120 VAC       | 48                  | 3,000        | 63       | ≥80 | 4000K | >0.9 |
|                                  | FT430V0-D416-50321 | 4 feet | 120 VAC       | 48                  | 3,000        | 63       | ≥80 | 5000K | >0.9 |
|                                  | FT430V0-D416-65321 | 4 feet | 120 VAC       | 48                  | 3,000        | 63       | ≥80 | 6500K | >0.9 |

Note - Performance for volumetric models are estimated based upon 50% efficiency when utilizing a volumetric lens.

## Dimensions



| Fixture Model No. | Length          | Width          | Height       |
|-------------------|-----------------|----------------|--------------|
| FT230VO           | 23.9in (607mm)  | 23.9in (607mm) | 3.9in (98mm) |
| FT430VO           | 47.8in (1214mm) | 23.9in (607mm) | 3.9in (98mm) |

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