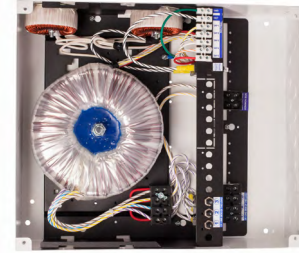


The QTLS is a single power supply ranging from 150W-1500W. Focused on making the quietest, most efficient, safest, most versatile, longest lasting power supply in the industry. The QTLS delivers and comes standard with 5 taps to allow the installer to fine tune the voltages at the transformer to get as close to the desired voltage at the fixture as possible. The QTLS is also UL listed to be either surface or recess mounted into a 2"x4" stud wall with the ability to install in any thickness drywall.



### Part Number Builder

| Product | Size <sup>1</sup>  | Prim. V                                     | Sec. V                       | No.   | Amp <sup>2</sup>                  | Choke                 | Color <sup>3</sup>   | Options <sup>4</sup> |
|---------|--|---|------------------------------|---|-----------------------------------|-----------------------|----------------------|----------------------|
| QTLS    |  |   |                              |   |                                   |                       |                      |                      |
|         | 150W<br>300W<br>500W<br>600W<br>750W<br>900W<br>1050W<br>1200W<br>1350W<br>1500W | 120 (60Hz)<br>230 (50/60Hz)*<br>277 (60Hz)* | 12V<br>24V<br>5.5V*<br>120V* | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15 | 5<br>10<br>12.5<br>15<br>20<br>25 | CK-S<br>CK-L<br>CK-XL | WH (Standard)<br>BK* | PL*<br>N/A           |

\* Not standard, call factory for pricing

### Technical Information

#### <sup>1</sup> Size

| Size      | Max Load (Watts) | PSC Efficiency | Max PSC Rating (Watts) | Max PSC Rating (VA) | Max Prim Amps @ 120V | Max Prim Amps @ 277V |
|-----------|------------------|----------------|------------------------|---------------------|----------------------|----------------------|
| QTLS-150  | 150W             | 92%            | 162                    | 175                 | 1.5 A                | 0.7 A                |
| QTLS-300  | 300W             | 93%            | 321                    | 347                 | 2.9 A                | 1.3 A                |
| QTLS-500  | 500W             | 93%            | 535                    | 578                 | 4.8 A                | 2.1 A                |
| QTLS-600  | 600W             | 95%            | 630                    | 680                 | 5.7 A                | 2.5 A                |
| QTLS-750  | 750W             | 95%            | 788                    | 851                 | 7.1 A                | 3.1 A                |
| QTLS-900  | 900W             | 96%            | 936                    | 1011                | 8.5 A                | 3.7 A                |
| QTLS-1050 | 1050W            | 96%            | 1092                   | 1180                | 9.9 A                | 4.3 A                |
| QTLS-1200 | 1200W            | 96%            | 1248                   | 1348                | 11.3 A               | 4.9 A                |
| QTLS-1350 | 1350W            | 96%            | 1405                   | 1518                | 12.7 A               | 5.5 A                |
| QTLS-1500 | 1500W            | 96%            | 1560                   | 1685                | 14 A                 | 6.1 A                |

#### <sup>2</sup> Secondary Breaker Amperage

| Amps | Max 12V Load | Max 24V Load |
|------|--------------|--------------|
| 5    | 60W          | 120W         |
| 10   | 120W         | 240W         |
| 12.5 | 150W         | 300W         |
| 15   | 180W         | 360W         |
| 20   | 240W         | 480W         |
| 25   | 300W         | 600W         |

#### <sup>3</sup> Color

WH White (Standard)  
 BK\* Black Powder Coat Finish

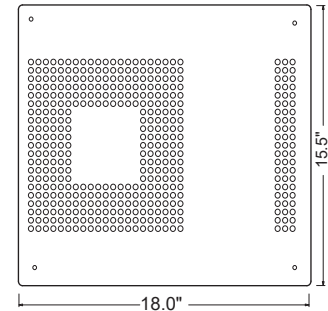
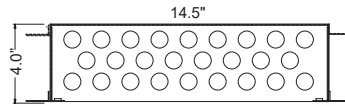
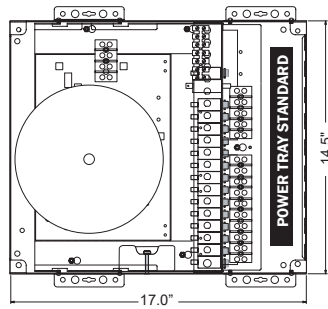
#### <sup>4</sup> Options

PL\* Plenum Rated

#### Choke

CK-S 150W-300W - Suggested with Dimming  
 CK-L 500W-750W - Suggested with Dimming  
 CK-XL 900W-1500W - Suggested with Dimming





**DOOR**

### Housing

- 18-gauge welded steel enclosure: 14.5"W X 17.0"L X 4.0"D
- Door: 18.0"W X 15.5"L
- Color: white powder coating
- Knockouts: 25

### Multi-Volt & Taps

Tap Options (in order from TAP1 to TAP5):

12V: 11, 12, 13, 14, 15V

24V: 22, 24, 26, 28, 30V

- Loads may be connected to one (1) of the primary taps up to the full watt rating of the PSC.
- The advantage is that loads at varying distances from the PSC can be tapped on different taps to recover voltage drop, allowing you to get the correct voltage at your load and produce between 85%-100% light output. (See Q-TRAN Voltage drop Calculator)
- Secondary Circuit Protection: 1-15 magnetic circuit breakers.
- Class 1 compliant to N.E.C.

### Toroidal Choke

Q-Tran's standard choke, or "debuzzing coil" reduces noise when dimming and helps negate in-rush current that is prevalent with LED loads. It allows for quiet operation and eliminates nuisance tripping.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• UL 2108 &amp; 1598 listed</li> <li>• Surface, ceiling or wall mount</li> <li>• Recessed wall mount type IC</li> <li>• Suitable for use in insulated space — zero clearance</li> <li>• Suitable for use in closets with clothes in direct contact</li> <li>• Inherently protected type IC for supply connections use wire rated for at least 75°C</li> </ul> | <ul style="list-style-type: none"> <li>• Suitable for indoor use only</li> <li>• Suitable for damp locations</li> <li>• Use dimmers rated for magnetic low voltage load</li> <li>• Complies with N.E.C. article 411</li> <li>• Isolation toroidal transformer</li> <li>• 50/60 cycle A.C. only</li> <li>• Made in the USA</li> </ul> |
|--|--|

