

QTL^{TRAN}S

SINGLE POWER SUPPLY CENTER (PSC)

Housing

18 Gauge welded steel measuring 17.0"L x 14.5"W x 4.0"D with 25 knockouts and a barrier plate. Bracket (UMB - Universal Mounting Bracket) included to secure housing to a 2X4 wall stud for recess wall mounting or to surface mount. Door measures 15.5"L X 18.0"W.

Multi-Volt & Taps

The QTL Series Power Supply Center comes standard with five (5) primary taps to provide secondary voltages of: 11V, 12V, 13V, 14V & 15V or 22V, 24V, 26V, 28V, & 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 to recover voltage drop and produce between 85%-100% light output. See separate "Voltage Drop Calculator".

Primary Circuit Protection

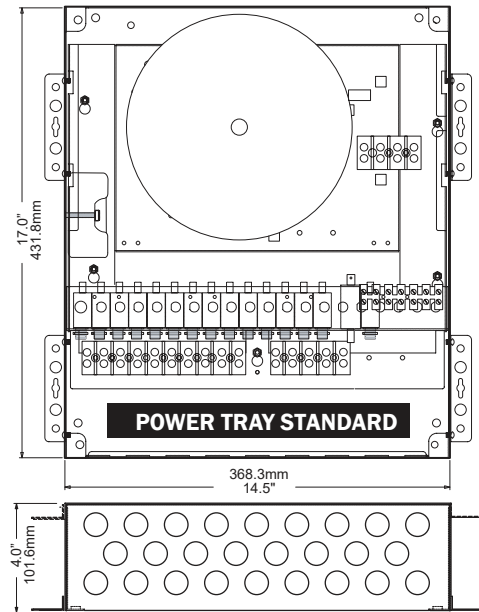
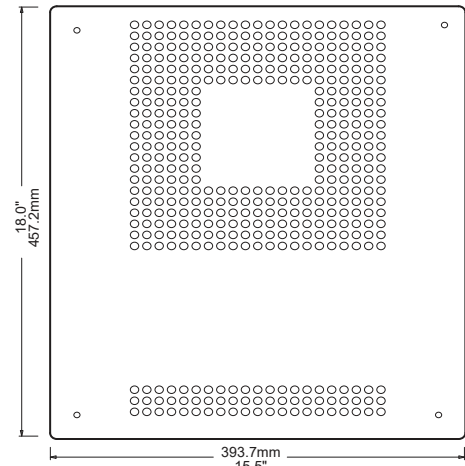
All units come with both a primary magnetic circuit breaker and a primary auto-reset thermal protector, which is built into the transformer. This thermal protector will temporarily disconnect the primary if the transformer over heats due to an overload or saturation from a faulty dimmer.

Secondary Circuit Protection

Protected by up to fifteen (15) magnetic circuit breakers. Breaker sized to the feed load per N.E.C. Article 411 (not to exceed 25 amps per load). All wiring by the electrical contractor must be Class 1 compliant to N.E.C. Secondary breakers available in 5A, 10A, 15A, 20A, and 25A.

Toroidal Choke

A choke or "debuzzing coil" reduces noise and in-rush current. A choke is standard, to achieve quiet operation.



Ordering and Specification Guide							
Model	Prim. V	Sec. V	No.	Amp.	Choke	Options	Options 2
QTL ^S -	-	/	-	x	+	+	+
Model	Max Lamp Load Watts	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim. Amps@120V	Max Prim. Amps@277V	
QTL ^S - 150	150 W	92%	162	175	1.5 A	0.7 A	
QTL ^S - 300	300 W	93%	321	347	2.9 A	1.3 A	
QTL ^S - 500	500 W	93%	535	578	4.8 A	2.1 A	
QTL ^S - 600	600 W	95%	630	680	5.7 A	2.5 A	
QTL ^S - 750	750 W	95%	788	851	7.1 A	3.1 A	
QTL ^S - 900	900 W	96%	936	1011	8.5 A	3.7 A	
QTL ^S - 1050	1050 W	96%	1092	1180	9.9 A	4.3 A	
QTL ^S - 1200	1200 W	96%	1248	1348	11.3 A	4.9 A	
QTL ^S - 1350	1350 W	96%	1405	1518	12.7 A	5.5 A	
QTL ^S - 1500	1500 W	96%	1560	1685	14.0 A	6.1 A	
Primary Voltage							
120 (60Hz)	230 (50/60Hz) *	277 (60Hz) *					
Transformer Secondary Voltage							
12	24	5.5 *	120 *				
Number of Secondary Breakers							
1 to 15	One to Fifteen Secondary Circuit Breakers can be used						
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					
Choke							
CK-S	150W-300W Choke - Suggested with Dimming						
CK-L	500W-750W Choke - Suggested with Dimming						
CK-XL	900W-1500W Choke - Suggested with Dimming						
XX	No Choke Required						
Options							
WH	White Powder Coat Standard						
BK *	Black Powder Coat Finish						
PL *	Plenum Rated						
Ordering Example							
QTL ^S - 1200MV - 120/12 - 4x25 + CK-XL							

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LISTED c UL US 5F78

LOW VOLTAGE LIGHTING POWER SUPPLY CENTER

- UL 2108 & 1598 LISTED
- SURFACE, CEILING OR WALL MOUNT
- RECESSED WALL MOUNTTYPE IC
- SUITABLE FOR USE IN INSULATED SPACE - ZERO CLEARANCE
- SUITABLE FOR USE IN CLOSETS WITH CLOTHES IN DIRECT CONTACT
- INHERENTLY PROTECTEDTYPE IC
- FOR SUPPLY CONNECTIONS USE WIRE RATED FOR AT LEAST 60 C.
- SUITABLE FOR INDOOR USE ONLY
- SUITABLE FOR DAMP LOCATIONS
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD
- COMPLIES WITH N.E.C. ARTICLE 411
- ISOLATION TOROIDAL TRANSFORMER
- 50/60 CYCLE A.C. ONLY
- MADE IN THE U.S.A.

Q-Tran, Inc. reserves the right to change product specifications at any time without incurring obligations.