



Multi-Volt & Taps

The Q-SET-2 Luminaire Power Supply Center utilizes two (2) primary taps, a switch or dimmed tap to compensate for losses when dimming. Five (5) secondary taps provide nominal secondary voltages of:

Label	(-) (start)	(+) (++)	(+++)
	↓	↓	↓
12V =	11V, 12V, 13V, 14V, & 15V		
24V =	22V, 24V, 26V, 28V, & 30V		

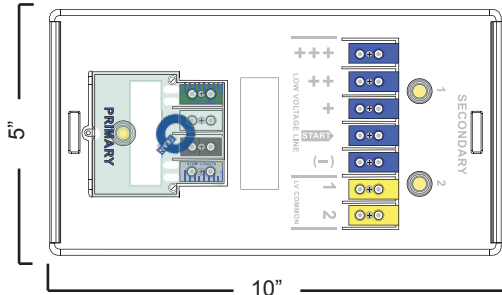
Loads may be connected to one or more of the secondary taps up to the full watt rating of the Q-SET-2. The advantage is that loads at varying distances from the Q-SET-2 can be connected to different taps to recover voltage drop and produce between 85% - 100% light output.

Primary Circuit Protection

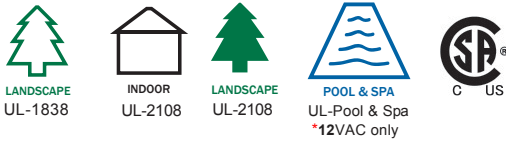
All 120V units come with both a primary and secondary, hydraulic, magnetic circuit breaker. All have a primary auto-reset thermal protector, which is built into the transformer. This thermal protector will temporarily disconnect the primary if the transformer overheats due to an overload or saturation from a faulty dimmer.

Secondary Circuit Protection

Q-SET-2 comes with two (2) secondary breakers.



CSA Certified for both the U.S. and Canada-UL listing



- FOR SUPPLY CONNECTIONS USE WIRE RATED FOR AT LEAST 90 C
- SUITABLE FOR INGROUND INSTALLATION
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD
- NOT FOR INSTALLATION TO CONDUIT EXTENDING DIRECTLY TO AN UNDERWATER POOL LIGHT FORMING SHELL
- SUITABLE FOR USE WITH SUBMERSIBLE LUMINARIES
- SUITABLE FOR INDOOR & OUTDOOR USE
- WARNING : RISK OF FIRE - IF INSTALLATION INVOLVES RUNNING WIRING THROUGH A BUILDING STRUCTURE, SPECIAL WIRING METHODS ARE NEEDED. CONSULT A QUALIFIED ELECTRICIAN.



*(Must be purchased with Q-VAULT-5)

Q-SET 2 Ordering & Specification Guide

Model	Primary V.	Secondary V.		
1	-	2 / 3		
1. Model	Secondary Breakers	Breaker Amperage		
12V				
QSET-360	2	15		
QSET-480	2	20		
QSET-600	2	25		
24V				
QSET-360	2	7.5		
QSET-480	2	10		
QSET-600	2	12.5		
2. Primary Voltage				
120V / 220V / 240V 277V(60Hz) / 230V(50Hz)				
3. Secondary Voltage - 12VAC / 24VAC				
Q-SET Volt Rating	Secondary (CB) Size	Total (CB) Load	Number of (CB)	Total Q-SET Load
12V @	15A =	180W	x 2 =	360W
12V @	20A =	240W	x 2 =	480W
12V @	25A =	300W	x 2 =	600W
24V @	7.5A =	180W	x 2 =	360W
24V @	10A =	240W	x 2 =	480W
24V @	12.5A =	300W	x 2 =	600W
*(CB) = Circuit Breaker				
Ordering Example:				
QSET-600 - 120/24				

PROJECT NAME	DATE	COMPANY	TYPE	NOTE