



# Q-SET 1

## Multi-Volt & Taps

The Q-SET-1 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			

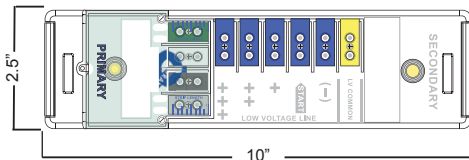
Loads may be connected to one or more of the secondary taps up to the full watt rating of the Q-SET-1. The advantage is that loads at varying distances from the Q-SET-1 can be connected to different taps to recover voltage drop and produce between 85% - 100% light output.

## 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-1 comes with one (1) secondary breaker.



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



LANDSCAPE  
UL-1838



INDOOR  
UL-2108



LANDSCAPE  
UL-2108



POOL & SPA  
UL-Pool & Spa  
\*12VAC only



C US

- 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 1 Ordering & Specification Guide

Model	Primary V.	Secondary V.
<b>1</b>	-	<b>2</b> / <b>3</b>
1. Model	Secondary Breakers	Breaker Amperage
<b>12V</b>		
QSET-60	1	5
QSET-120	1	10
QSET-180	1	15
QSET-240	1	20
QSET-300	1	25
<b>24V</b>		
QSET-60	1	2.5
QSET-120	1	5
QSET-180	1	7.5
QSET-240	1	10
QSET-300	1	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 @	5A =	60W	x 1 =	60W
12V @	10A =	120W	x 1 =	120W
12V @	15A =	180W	x 1 =	180W
12V @	20A =	240W	x 1 =	240W
12V @	25A =	300W	x 1 =	300W
24V @	2.5A =	60W	x 1 =	60W
24V @	5A =	120W	x 1 =	120W
24V @	7.5A =	180W	x 1 =	180W
24V @	10A =	240W	x 1 =	240W
24V @	12.5A =	300W	x 1 =	300W

\*(CB) = Circuit Breaker

## Ordering Example:

**QSET-300 - 120/12**