



Q-HEX-mini

12V or 24V AC Power Supply - 10W-75W



- Designed for outdoor and direct burial use
- Intended to be used with the Q-TRIX R-50
- Features a compact design
- Accommodates loads up to 75W
- Offers output voltages of either 12V or 24V

1	2	3	4
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE
Q-HEX			

Sample Part Number: Q-HEX-M10W-120V-12V

1	2	3	4
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE
Q-HEX	M10W M20W M50W M75W	120 60Hz 277 60Hz	12V 24V

PRODUCT INFORMATION

- 10 year warranty
- Outdoor, direct burial, low voltage driver
- Power ratings of 10W-75W
- Fully dimmable with MLV dimmer
- Easy to connect and pull wire through protective tube
- All connections should be made with silicone filled wire nuts
- Landscape Lighting
 - CSA C22.2 No. 250.7-07 Extra-low-voltage Landscape Lighting Systems
 - UL 1838 Low Voltage Landscape Lighting Systems
- Low Voltage Lighting
 - CSA C22.2 No. 250.0-08 Luminaires
 - UL 2108 Low Voltage Lighting Systems



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VOLTAGE DROP CHART

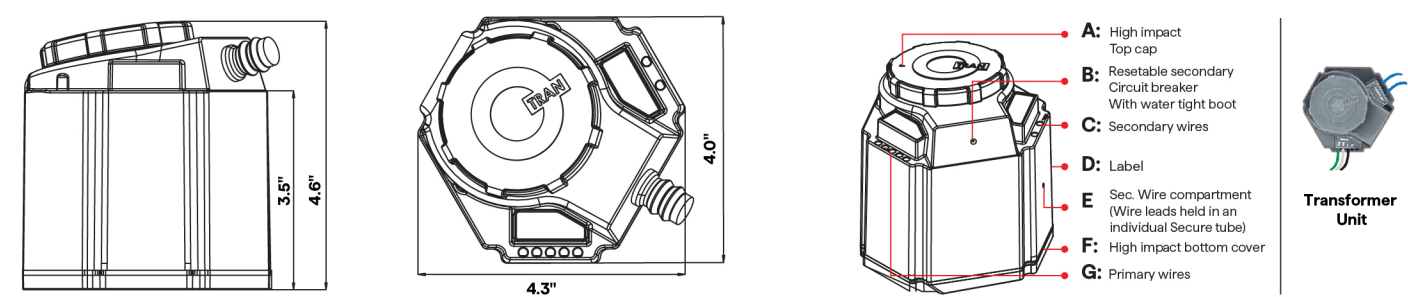
Secondary tap connection

Load Wattage (W)	TAP 1, 12V					
	8 AWG	10AWG	12AWG	14AWG	16AWG	18AWG
10	860	540	340	214	134	85
20	430	270	170	107	67	42
50	172	108	68	43	27	17
75	115	72	45	29	18	11

Load Wattage (W)	TAP 1, 24V					
	8 AWG	10AWG	12AWG	14AWG	16AWG	18AWG
10	3438	2160	1360	855	538	338
20	1719	1080	680	428	269	169
50	688	432	272	171	108	68
75	458	288	181	114	72	45

No dimming taps available. If dimming, increase size of transformer and wire gauge, and reduce distance to fixture to reduce voltage drop

1 PRODUCT - DIMENSIONS



2 TECHNICAL INFORMATION

Wattage	Max Load (Watts)	Secondary Voltage	Max Prim Amps @ 120V	Max Prim Amps @ 277V
M10W	10W	12V/24V	0.15 A	0.10 A
M20W	20W	12V/24V	0.30 A	0.15 A
M50W	50W	12V/24V	0.75 A	0.33 A
M75W	75W	12V/24V	1.1 A	0.50 A

No derating required for incandescent or halogen loads
50% derating required for LED retrofit loads

HOUSING

- Q-HEX-Mini must be used with Q-TRIX-R50 housing








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CSA CLASS

Input	Output (MAX)	CSA Class
120V	12VAC	3426-04 Luminaires - Landscape Lighting Systems - Component 3426-94 Luminaires - Landscape Lighting Systems - Component - US
120V-277V	12VAC	3426-94 Luminaires - Landscape Lighting Systems - Component - US
120V-277V	24VAC	3425-15 Luminaires - Low Voltage Lighting Systems 3425-95 Luminaires - Low Voltage Lighting Systems - US

COMPATIBLE DIRECT BURIAL PRODUCTS

Q-TRIX-R50  IP68 wet listed direct burial enclosure for Q-HEX-mini	Q-CLIK  Watertight fitting for entryway in and out of QTL housing	Q-WIRE  Highly efficient, long-lasting wire	Q-TWO  Underground low voltage UF splice kit	QW-STRIPPER  UF cable outer jacket strip tool
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