



QJBL JUNCTION BOX

Housing Dimensions

- 20 - gauge Steel Enclosure
- Junction Box: 4.68"W x 4.68"H x 2.22"D
- Door: 4.75"W x 4.75"H
- Color: White Powder coating
- Knockouts: 2

Primary Circuit Protection

- Primary Autotest Thermal Protector

NOTE: Thermal protector will temporarily disconnect the primary if the transformer overheats due to an overload or saturation from a faulty dimmer.

Secondary Circuit Protection

- Magnetic Circuit Breaker: 1 or 3
- Amps: 4A

NOTE: Breakers are sized to the feed load per N.E.C. Article 411

Included Items

- Barrier Plate

Toroidal Transformer

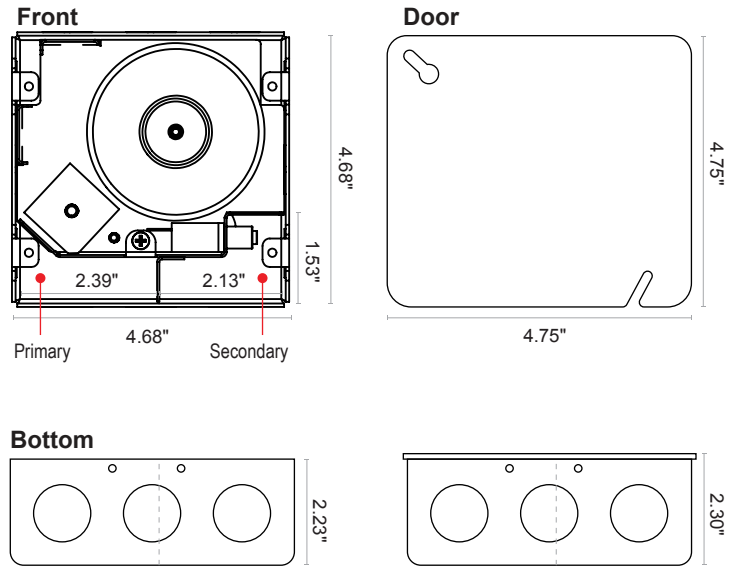
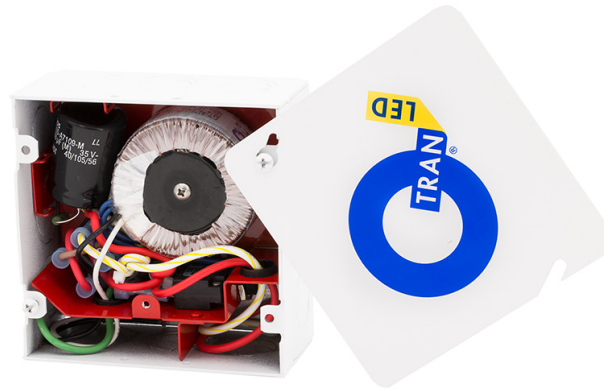
- Primary Taps: 1 or 3
- Output Voltages: AC or DC

NOTE:

- 20W Supplies have one tap and 40W supplies have 3 taps.
- QJBL-DC Load should not exceed 80% or supply rating.
- QJBL-DC may produce flicker when dimmed. For optimal dimming use DC+CAP product

LOW VOLTAGE LIGHTING POWER SUPPLY

- FOR INDOOR USE ONLY
- SUITABLE FOR DAMP LOCATIONS
- WALL or WALL MOUNT ONLY
- TYPE IC RECESSED, INHERENTLY PROTECTED
- DIMMER, IF USED, MUST BE MAGNETIC LOW VOLTAGE DIMMER
- CERTIFIED TO STANDARDS
 - Class 2
 - UL 8750 – Light Emitting Diode (LED) Equipment for Use in Lighting Products
 - CSA C22.2 No. 250.13-14 – Light Emitting Diode (LED) Equipment for Lighting Applications
- DIMMERS FOR DC UNITS MUST HAVE A NEUTRAL
- SUITABLE FOR CLASS 2 WIRING
- FOR SUPPLY CONNECTIONS USE WIRES RATED FOR AT LEAST 75 C



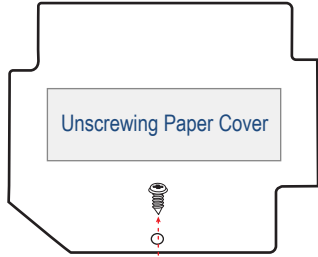
ORDERING GUIDE				
Model	① Size	② Prim. V	③ Sec. V	
QJBL	-	-	/	
1 Size	20W or 40W (Watts)	Secondary Voltage (12V/24V) AC/DC	Max Prim. Amps @ 120V	Max Prim. Amps @ 277V
20	2X10W	12V/24V AC	.324 A	.140 A
40	4X10W	12V/24V AC	.384 A	.166 A
20DC	2X10W	12V/24V DC	.324 A	.140 A
40DC	4X10W	12V/24V DC	.384 A	.166 A
20DC+CAP	2X10W	12V/24V DC+CAP	.324 A	.140 A
2 Primary Voltage				
120 (60Hz)	277 (60Hz)			
3 Secondary Voltage				
12V AC/DC	24V AC/DC			
Ordering Example				
QJBL-20DC-120/24				

PROJECT NAME	DATE	COMPANY	TYPE	NOTE

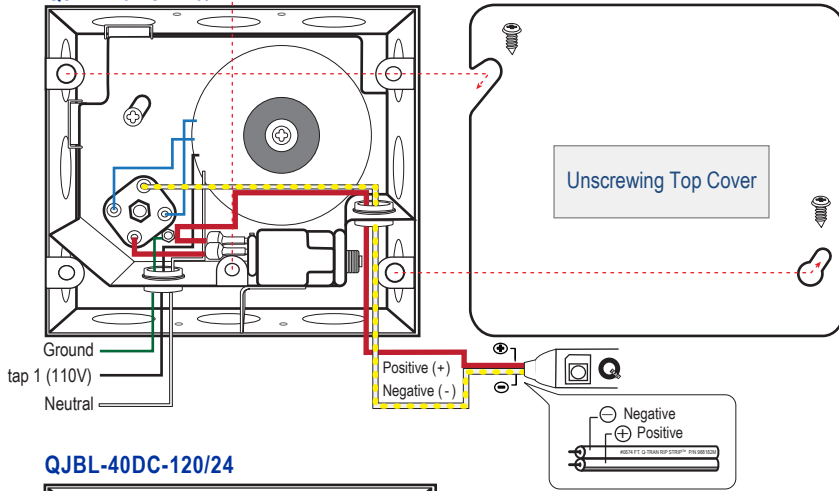


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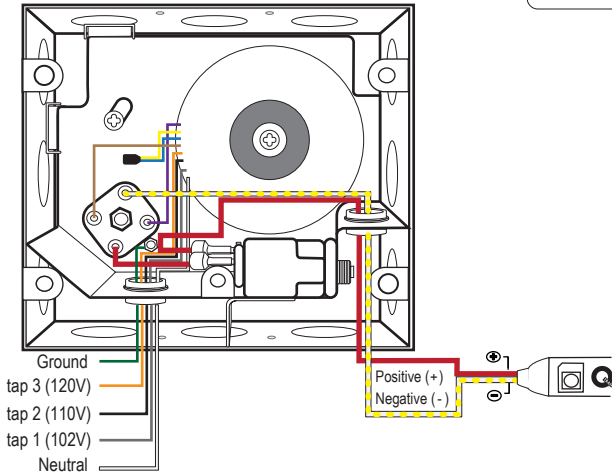
WIRING DIAGRAMS



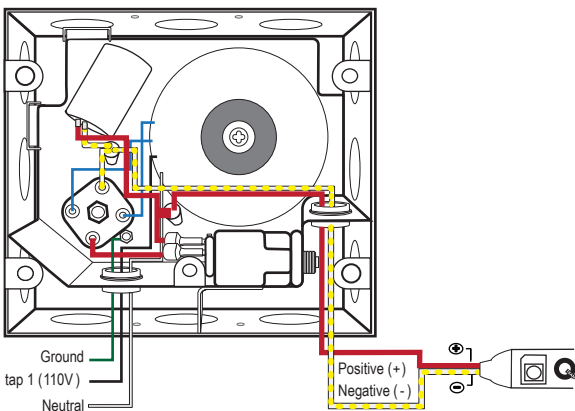
QJBL-20DC-120/24



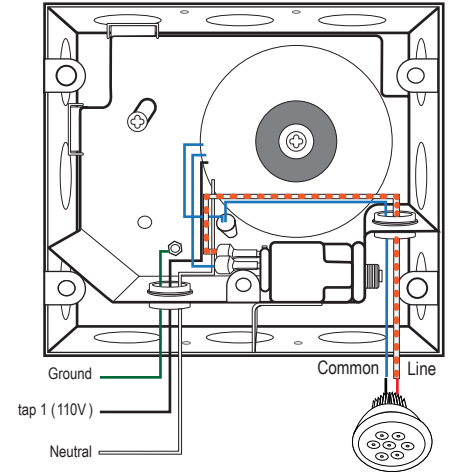
QJBL-40DC-120/24



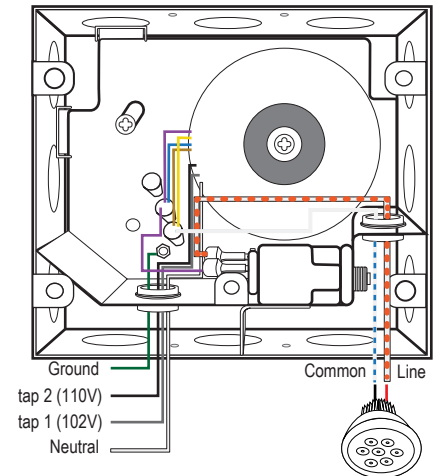
QJBL-20DC-120/24+ CAP



QJBL-20-120/24



QJBL-40-120/12



QJBL-40-120/24

