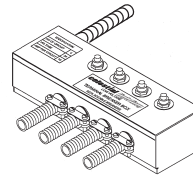


**TRANSFORMER**  
(CLTF250)

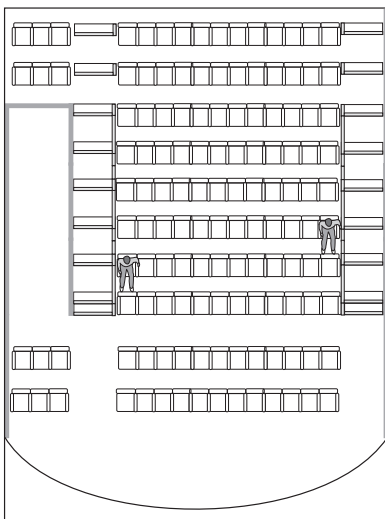
CLTF250 is the standard transformer.  
Capacity: 250 watts  
Primary: 120 volts (or 240 volts)  
Secondary: 12 volts (or 24 volts)  
Dimensions: 9"H x 4"W x 4"D  
Weight: 10 lbs.  
ANSI/NEMA sound rating: Under 40 db  
Also refer to Wiring Diagram.



**TERMINAL BREAKER BOX**  
(TBB)

Provides circuit protection for step & path lights.  
Connects to secondary of transformer.  
Use one TBB per CLTF250 transformer.  
Input: AC 12 volts  
Output: DC 9.5 volts for LEDs, AC 12volts for LF1 lamps.  
Accommodates 4 circuits of step & path lighting.  
Standard re-settable breakers rated for 5 amps each.  
Dimensions: 13"H x 3"W x 3"D  
Weight: 2.5 lbs.  
Also refer to Wiring Diagram.

**TOP VIEW OF AUDITORIUM**



Counting the Step Light Circuits

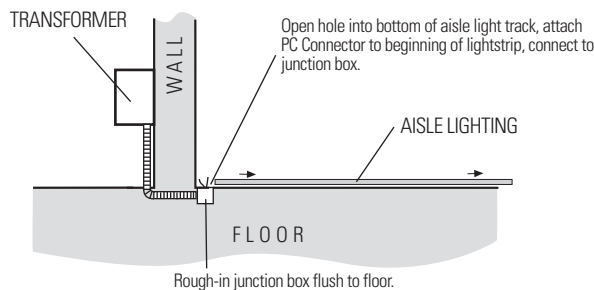
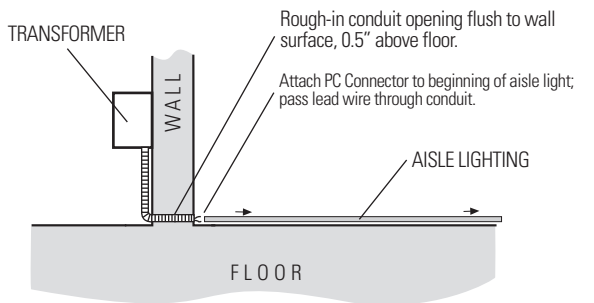
1. Count the number of steps in the auditorium.
2. Refer to Maximum Run Chart to identify how many steps can be placed on one circuit, based on the step light product, lightsource (LED or LF1 lamp) and spacing.
3. Divide 1 by 2 to determine how many circuits the step lighting will require.

Counting the Path Light Circuits

1. Measure total linear footage of path lighting in the auditorium.
2. Refer to Maximum Run Chart to identify how many feet of path lighting can be placed on one circuit, based on the path light product, lightsource (LED or LF1 lamp) and spacing.
3. Divide 1 by 2 to determine how many circuits the path lighting will require.

Ordering Power Supply for the Auditorium

1. One set of power supply (CLTF250 and TBB) will handle up to 4 circuits.
  - If combined number of step and path light circuits above is 4 or less, one set of power supply is sufficient for the auditorium. (Order one CLTF250 and one TBB.)
  - If the auditorium requires more than 4 circuits, order additional sets of power supply.
2. Refer to Wiring Diagram for details on electrical connections.



	Product Code	Total Quantity
(Eg.)	CLTF250	2 pcs.
(Eg.)	TBB	2 pcs.
	CLTF250	pcs.
	TBB	pcs.

• DRAWING NOT TO SCALE •



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