

Peerless® Wiring Guide

Switching Options

Key

- ✕ Power Feed and Support Location
- Support Location
- ⊗ Emergency Power Feed and Support Location

SCT Single Circuit. All lamps are wired to a single circuit.

DCT Dual Circuit. Two light levels are achieved by switching separate rows of lamps in the same fixture on two independently switched circuits. Dual circuit fixtures share a common neutral.

For fixtures or runs with 2 lamps in the cross section the standard circuiting is one side is wired to circuit "A" and the other side is wired to a circuit "B".



The default for a fixture with 3 lamps (or more) in the cross section is the row of lamps on the outside are wired to a switched circuit "A" and the lamps located in the middle are wired to a switched circuit "B".



Number of Emergency Modules

1SE 1 Section. One 4FT module per run will have an Emergency Lighting option.

2SE 2 Sections. Two 4FT modules per run.

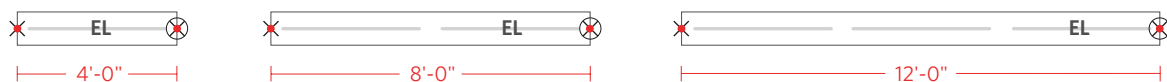
The standard maximum number of 4FT modules is one per 4 / 8 /12 foot fixture section.

Maximum number of emergency modules must be equal to or less than the number of fixture segments.

Emergency Type

EL Emergency battery pack. In the event of a power failure the battery pack will supply emergency power. Each battery pack will be connected to one lamp unless otherwise specified.

Single Lamp in Cross Section



Two Lamps in Cross Section



Three Lamps in Cross Section



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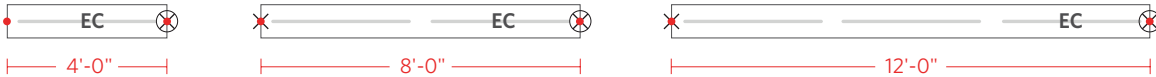
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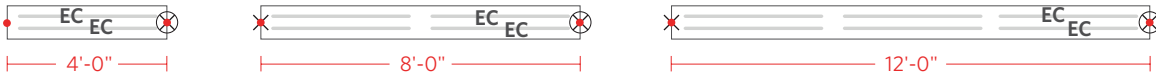
- ✕ Power Feed and Support Location
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- ⊗ Emergency Power Feed and Support Location

EC Emergency Circuit or Night Light circuit. When used as an emergency circuit, separate circuit wiring is provided for an alternate building power source (generator, uninterruptable power supply, etc.) When used as a nightlight circuit, separate circuit wiring is provided for an un-switched circuit so that designated lamps will always remain on. Each emergency or nightlight circuit will be connected to a single lamp when only one lamp is in the cross section. When two or more lamps are in the cross section the two outer most lamps will be connected to the circuit.

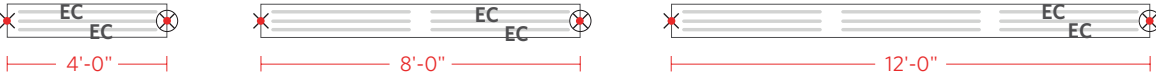
Single Lamp in Cross Section



Two Lamps in Cross Section

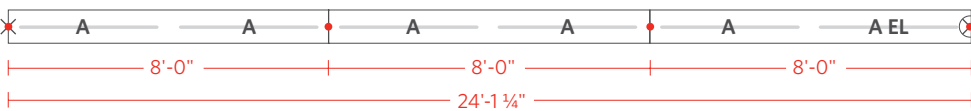


Three Lamps in Cross Section

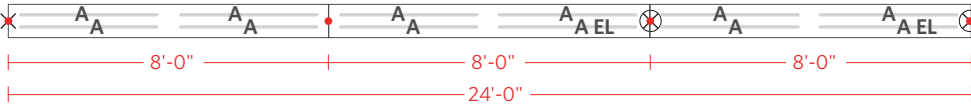


Example Runs

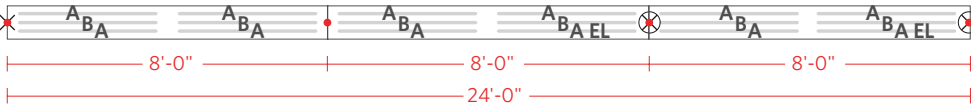
Single Lamp Cross Section with Emergency Battery Pack



2 Lamp Cross Section, Single Circuit with Two Emergency Battery Packs



3 Lamp Cross Section, Dual Circuit with Two Emergency Battery Packs



Assumption: 277V