

Fluorescent Wiring Options



Wiring Options - Recessed

1 cct. Standalone

120V, 277V or 347V

In most fixture sizes, wire entrances are positioned on the side of the housing to allow easy wiring access

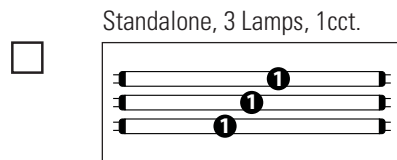
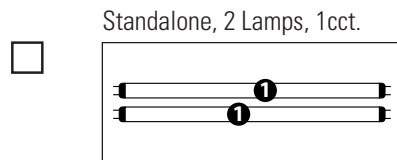
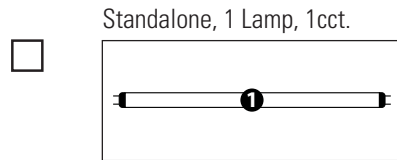
Knock-outs located on the top of the housing provide an alternative wiring entrance

Dimming can be supplied for most configurations

Step-dimming 50/100 ballasts are also available in select configurations

1 Circuit Standalone

All lamps wired on one circuit.



*Some combinations and exceptions may not be shown.
For the most up to date information, especially for projects involving 347V dimming, step-dimming or customer-specified ballasts, please consult factory.*

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Wiring Options - Recessed

1 cct. Continuous Row

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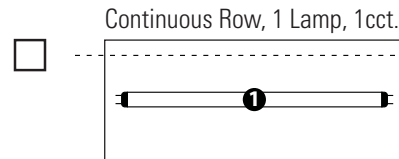
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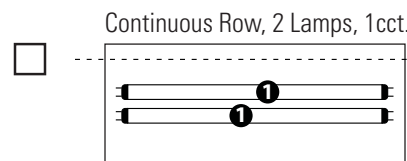
1 Circuit Continuous Row

All lamps wired on one circuit. 14 gauge stranded thru wiring is provided to fixture ends, with optional thru wiring for an additional circuit. Knock-outs at fixture ends are easily removed to create wiring channel between fixtures. A 1/2" nipple and 1/2" NPT lock nut (supplied by others) are used to fasten the fixtures together and to protect wiring through the knock-out hole.



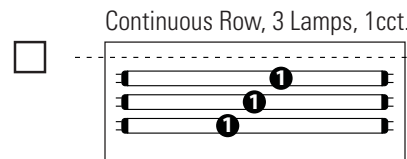
Thru wiring (provided)

Thru wiring for additional circuit
Additional circuit thru wiring can be used to provide A/B switching between fixtures or emergency/night lighting.



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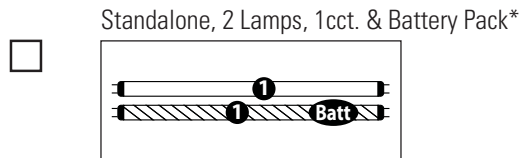
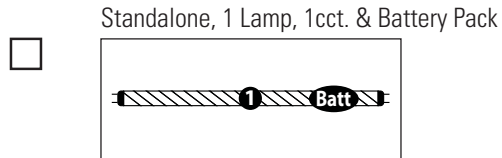
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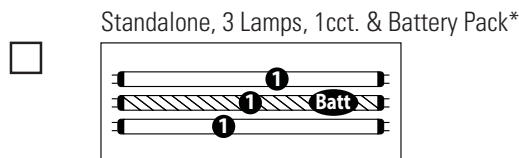
Step-dimming 50/100 ballasts are also available in select configurations

I Circuit Standalone with Battery Pack

All lamps wired on one circuit. A battery pack is wired to one lamp. When the battery pack is connected to an unswitched circuit by the installer, it will detect a power outage and begin operating the lamp. Leads for both normal circuit and battery pack are wired to fixture end.



* Multi-lamp battery packs are available with some configurations.



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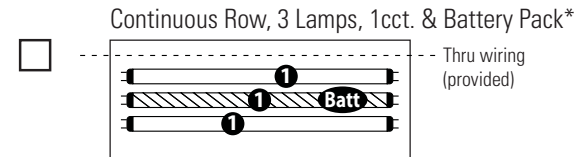
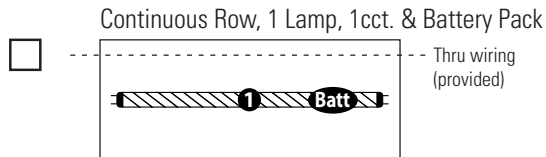
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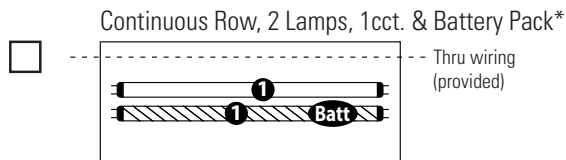
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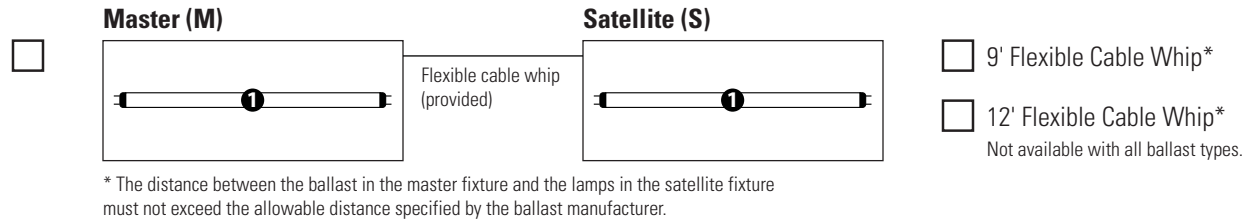
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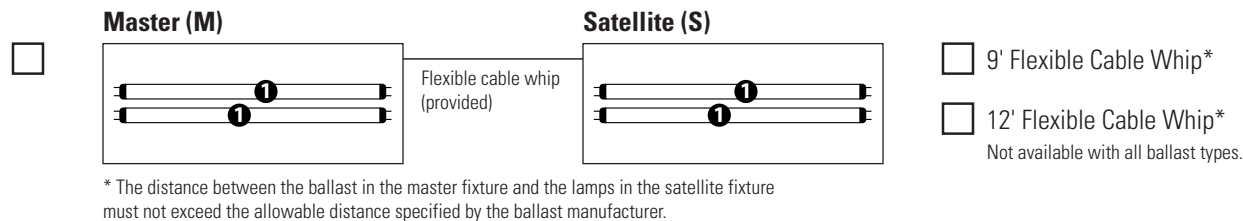
1 Circuit Standalone with Master/Satellite

All lamps wired on one circuit. A flexible cable whip with quick-connect plugs (two lengths supplied - see below) is used to connect master and satellite fixture wiring. Master fixtures contain at least one multi-lamp ballast that operates lamps in both the master and the satellite. Satellite fixtures do not contain a ballast.

Standalone with Master/Satellite, 1 Lamp, 1cct.



Standalone with Master/Satellite, 2 Lamps, 1cct.



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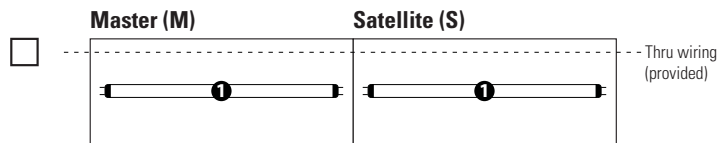
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I Circuit Continuous Row with Master/Satellite

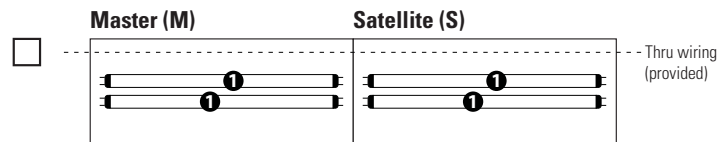
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Continuous Row with Master/Satellite, 1 Lamp, 1cct.



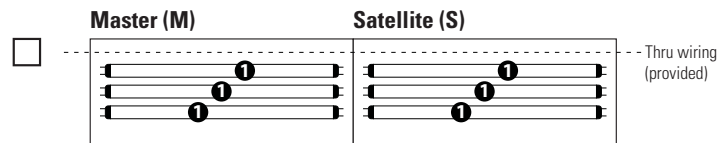
Thru wiring for additional circuit
Additional circuit thru wiring can be used to provide A/B switching between pairs of master/satellite fixtures or emergency/night lighting.

Continuous Row with Master/Satellite, 2 Lamps, 1cct.



Thru wiring for additional circuit
Additional circuit thru wiring can be used to provide A/B switching between pairs of master/satellite fixtures or emergency/night lighting.

Continuous Row with Master/Satellite, 3 Lamps, 1cct.



Thru wiring for additional circuit
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Wiring Options - Recessed

2cct. Standalone

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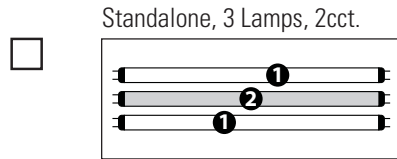
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Dimming can be supplied for most configurations

Step-dimming 50/100 ballasts are also available in select configurations

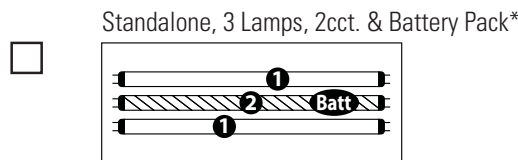
2 Circuit Standalone

Fixture wired for two circuits. Lamps wired center/outer in a 3 lamp cross-section fixture.



2 Circuit Standalone with Battery Pack

Fixture wired for two circuits. Lamps wired center/outer in a 3 lamp cross-section fixture. A battery pack is wired to one lamp. When the battery pack is connected to an unswitched circuit by the installer, it will detect a power outage and begin operating the lamp. Leads for both normal circuits and battery pack are wired to fixture end.



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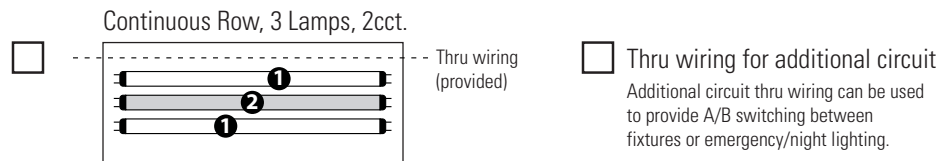
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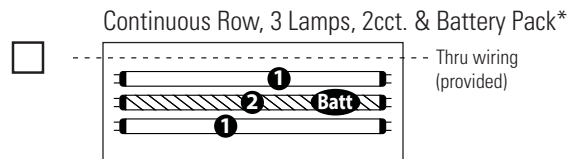
2 Circuit Continuous Row

Fixture wired for two circuits. Lamps wired center/outer in a 3 lamp cross-section fixture. 14 gauge stranded thru wiring is provided to fixture ends, with optional thru wiring for an additional circuit. Knock-outs at fixture ends are easily removed to create wiring channel between fixtures. A 1/2" nipple and 1/2" NPT lock nut (supplied by others) are used to fasten the fixtures together and to protect wiring through the knock-out hole.



2 Circuit Continuous Row with Battery Pack

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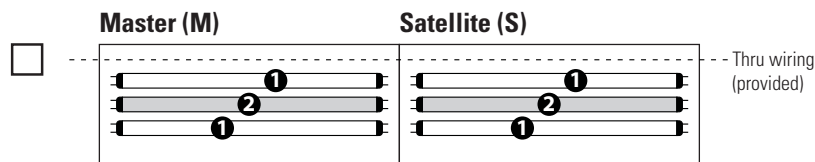
Dimming can be supplied for most configurations

Step-dimming 50/100 ballasts are also available in select configurations

2 Circuit Continuous Row with Master/Satellite

Fixture wired for two circuits. Lamps wired center/outer in a 3 lamp cross-section fixture. 14 gauge stranded thru wiring is provided to fixture ends, with optional thru wiring for an additional circuit. Knock-outs at fixture ends are easily removed to create wiring channel between fixtures. A 1/2" nipple and 1/2" NPT lock nut (supplied by others) are used to fasten the fixtures together and to protect wiring through the knock-out hole. Master fixtures contain at least one multi-lamp ballast that operates lamps in both the master and the satellite.

Continuous Row with Master/Satellite, 3 Lamps, 2cct.



Thru wiring for additional circuit
Additional circuit thru wiring can be used to provide A/B switching between pairs of master/satellite fixtures or emergency/night lighting.

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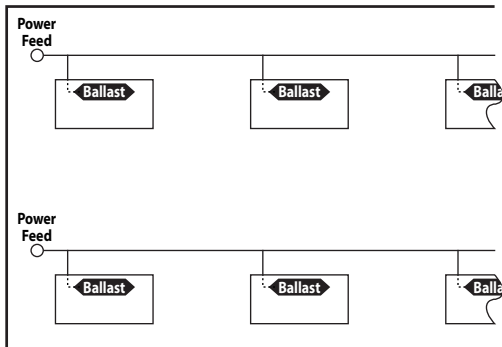


Four system configurations are available to meet specific design goals and project requirements

Master/satellite configurations reduce the number of ballasts and can help achieve significant cost savings

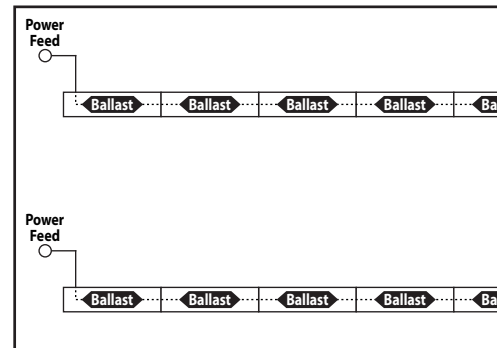
Standalone

Every fixture contains its own ballast(s) and receives a direct power feed.



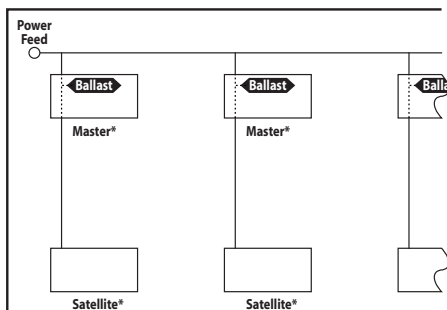
Continuous Row

Fixtures are joined together in a continuous row and serviced by one power feed. Thru wiring is provided, with quick-wire connectors and knock-outs at fixture ends. Every fixture contains its own ballast(s).



Standalone with Master/Satellite

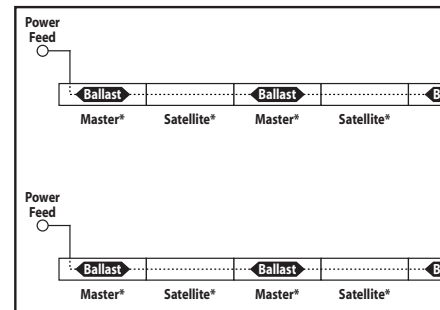
Master/satellite reduces the total number of ballasts required because one or more lamps in the satellite fixture are powered by ballast(s) in the master fixture. Each satellite fixture is connected by thru wiring to a master fixture. All master fixtures receive a direct power feed.



* The total number of ballasts required to power each pair of master/satellite fixtures depends upon the lamphing and wiring options specified. Where three or more ballasts are required, the satellite fixture may contain one of the ballasts. Consult factory for further information.

Continuous Row with Master/Satellite

Master/satellite reduces the total number of ballasts required because one or more lamps in the satellite fixture are powered by ballast(s) in the master fixture. Each satellite fixture is connected by thru wiring to an adjacent master fixture. Fixtures are joined together in a continuous row and serviced by one power feed. Thru wiring is provided, with quick-wire connectors and knock-outs at fixture ends.



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