Kendo 45M Round with Sensor - Installation Instructions

Model K45M Round with Sensor

Please read all instructions prior to installation and keep for future reference!

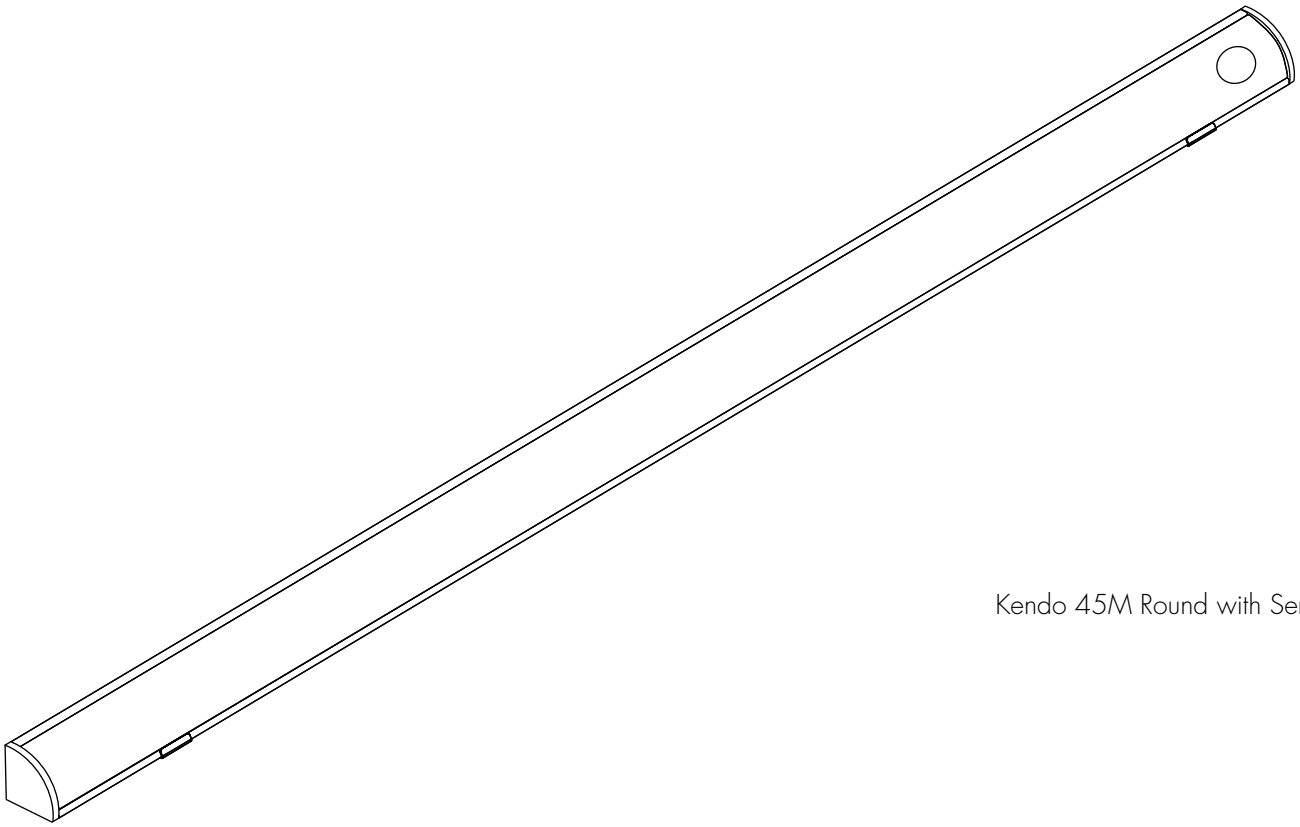
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3. 24 VOLTS DC.
4. SUITABLE FOR DAMP LOCATIONS.
5. UNDER-CABINET OR SURFACE MOUNT
6. SUITABLE FOR INSTALLATION IN THE STORAGE AREA OF A CLOTHES CLOSET ON OUTPUTS 5.7 W/FT OR LESS..
7. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE.

PLENUM FOR SUCH USE IN ACCORDANCE WITH UL2043

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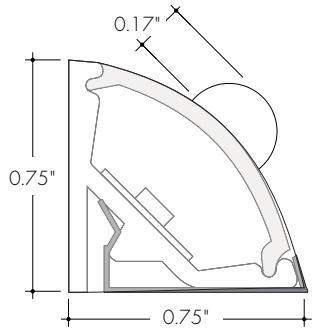
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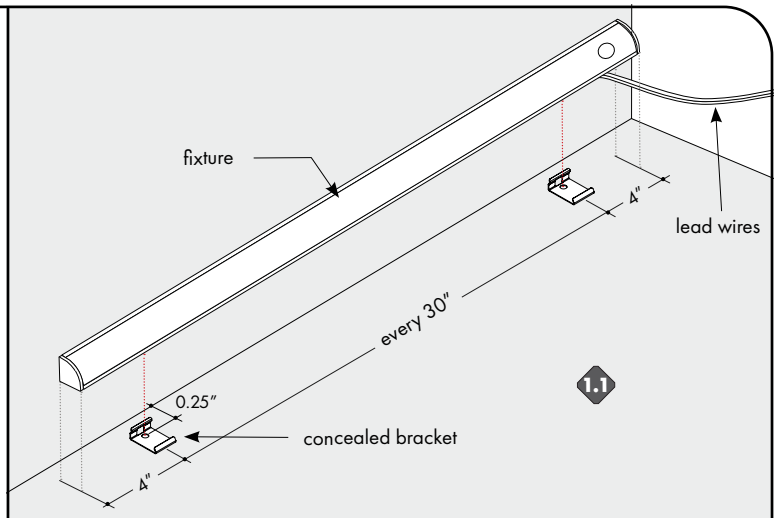
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1

Kendo 45M Round with Sensor profile

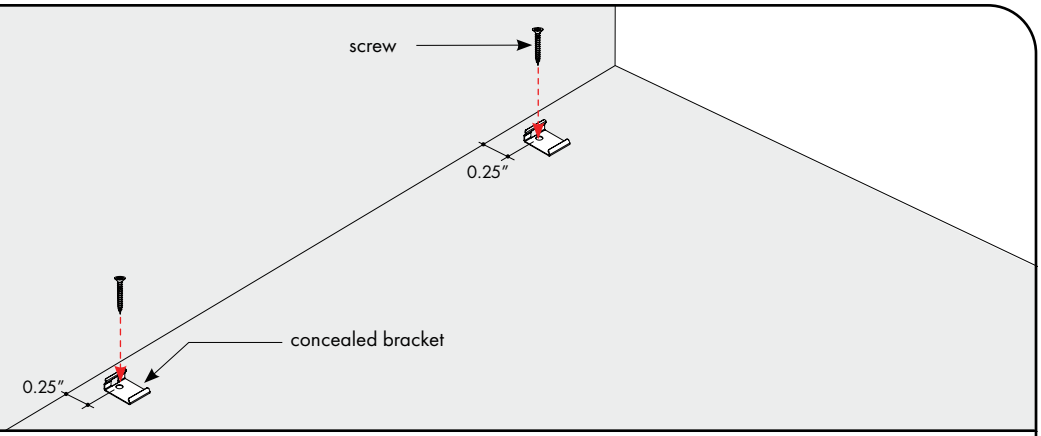




1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make any necessary reference marks for the concealed bracket. Make marks 4" from each end of the fixture(s) and also every 30" in between. Use the fixture profile and mounting bracket detail, for any additional details.
NOTE: If mounting next to a wall, leave a 0.25" gap. To later remove if needed.

1.2 Lay the concealed bracket onto the reference mark points and secure using the provided hardware.

2



2.1 Align the mounting brackets to the marks, followed by securing each mounting bracket with 1 screws. Snap the extrusion into the mounting brackets.

2.2 To remove the extrusion from the mounting brackets, carefully insert a flat screwdriver to the bottom edge of the extrusion then pull up until the extrusion pops up.

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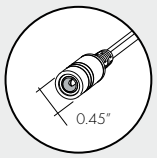
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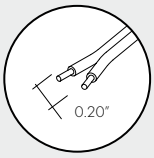
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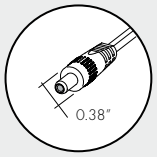
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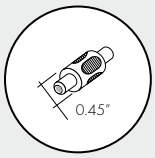
Female quick connect end



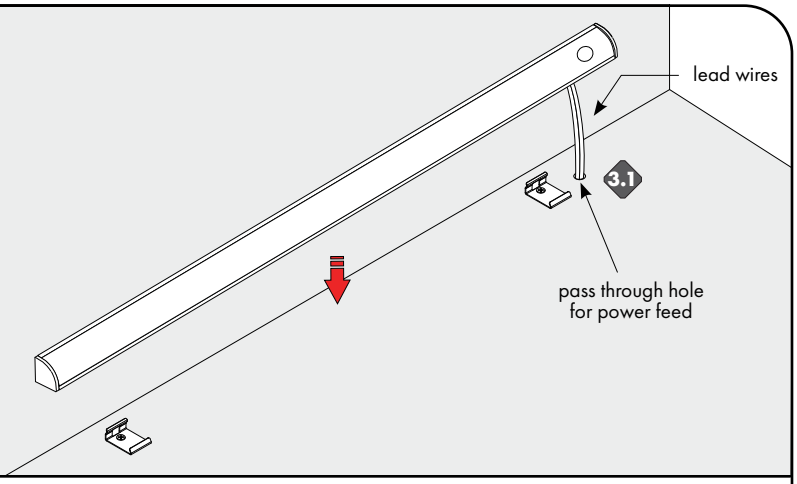
Lead wire end



Male quick connect end



Female/male adapter

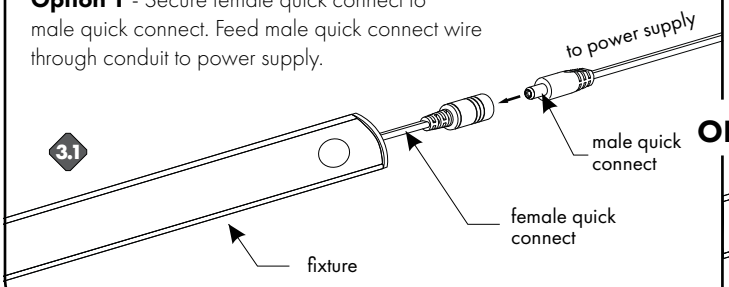


3.1 If necessary make any pass through holes for wire lead/connector to the surface, depending on the power feed option. Then snap the fixture into the fixed mounting clip to secure in place. Diagram on the right side illustrates the common way of connecting multiple fixtures to each other, depending on the location of the power feed wires.

4

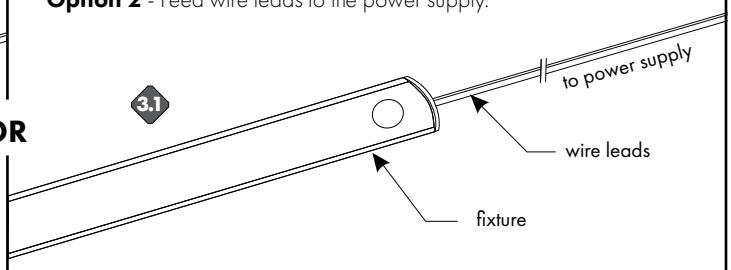
4.1 Follow one of the two options to connect the fixture to the power supply.

Option 1 - Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

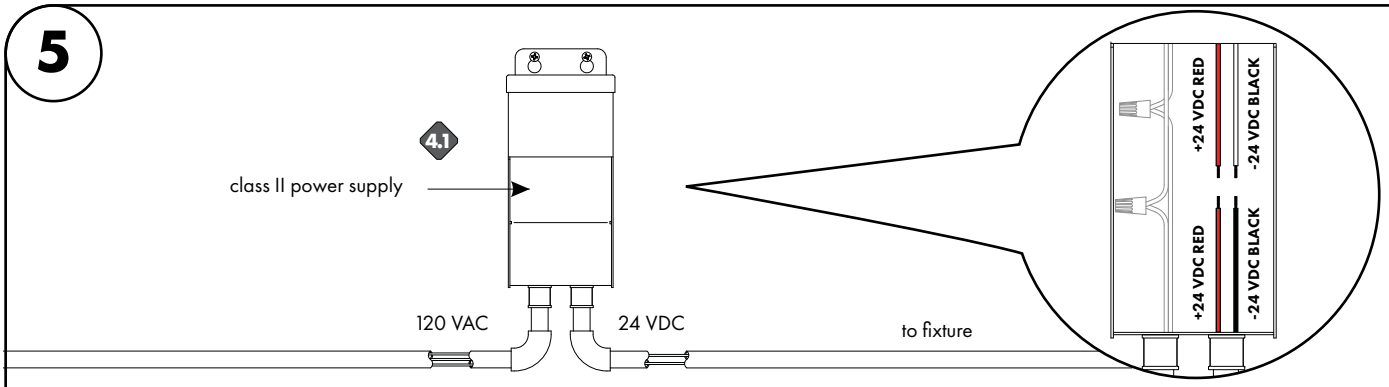


OR

Option 2 - Feed wire leads to the power supply.



5



5.1 If necessary make any pass through holes for wire lead/connector to the surface, depending on the power feed option. Then snap the fixture into the fixed mounting clip to secure in place. Diagram on the right side illustrates the common way of connecting multiple fixtures to each other, depending on the location of the power feed wires.

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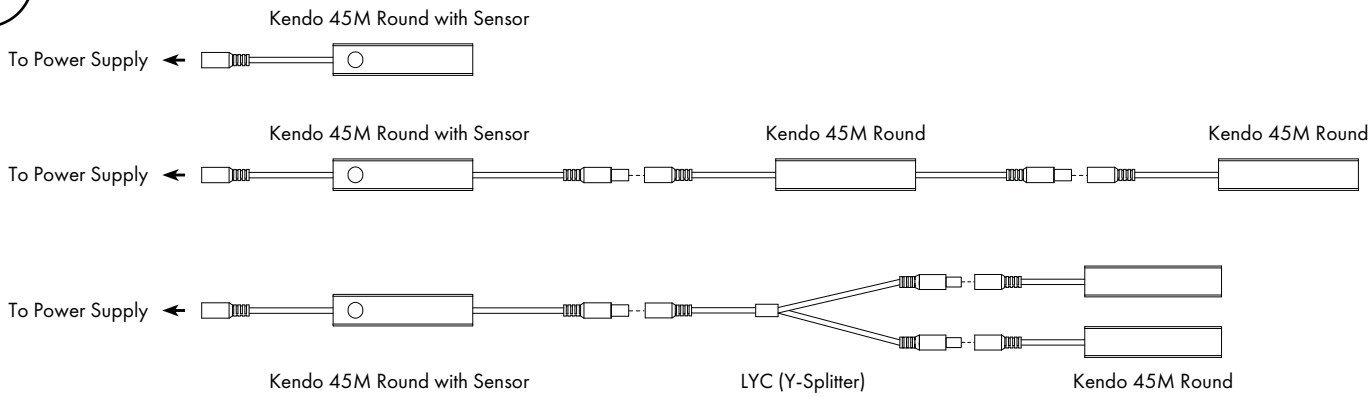
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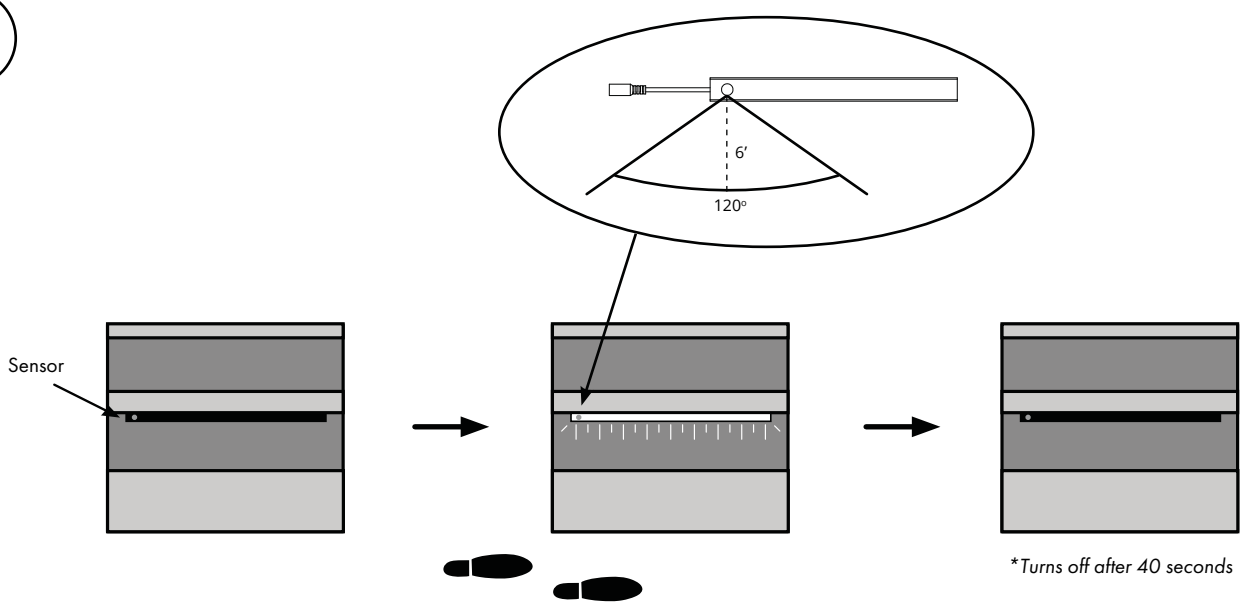
Option 1: With Internal Sensor

1



1 Wiring Diagram for built in motion sensor option.

2



2 To test systems functionality, wave hand infront of sensor to ensure that the fixture(s) will turn on.

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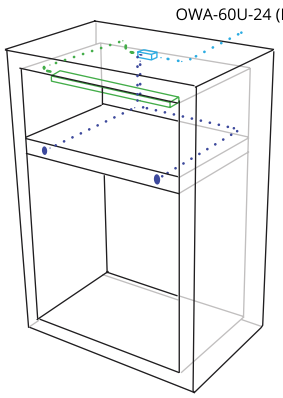
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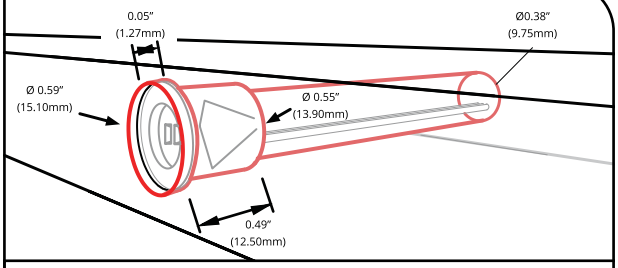
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Option 2: With External Sensor

1



***EXAMPLE OF FINISHED WIRED CLOSET**



1.1 Locate a mounting surface for the driver.

1.2 Install onto surface

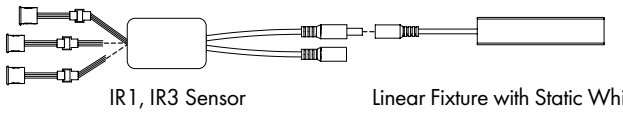
1.3 Specify location of sensor and drill a wiring hole between 0.49" and 0.25" in diameter.

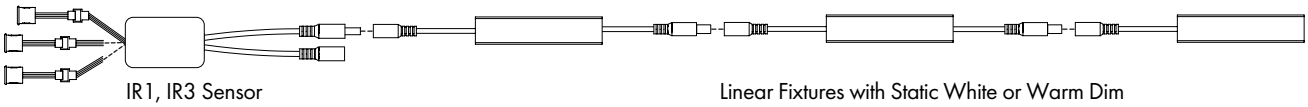
1.4 Drill a secondary 0.55" diameter hole at least 0.60" deep to accommodate sensor body.

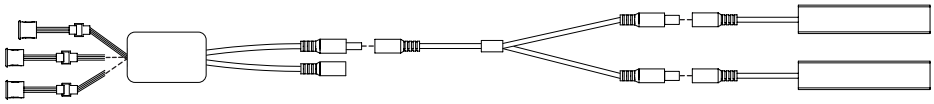
1.5 Feed wire lead through hole and press sensor in.

1.6 Repeat for each sensor.

2

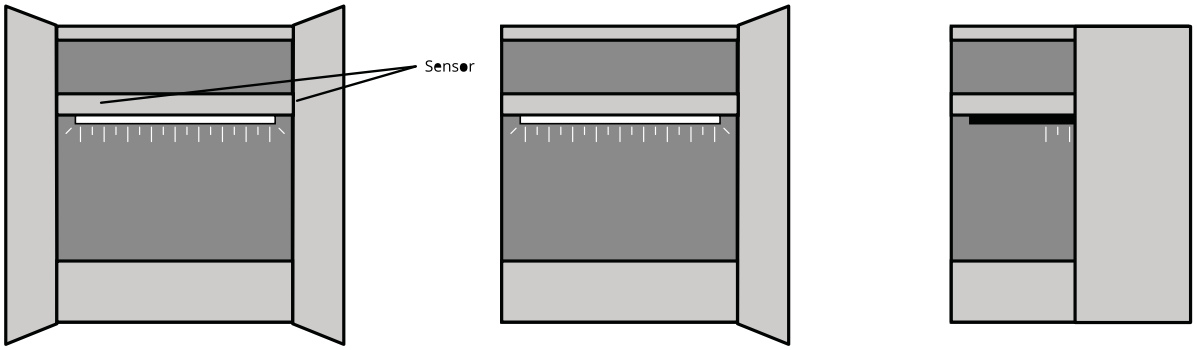






2 Wiring Diagram for built in motion sensor option.

3



3 To test system functionality, open door to check if fixture(s) will turn on. if closet has more than one door, open each door individually to check if each sensor is working correctly. when doors are open the fixture will automatically turn on. if all doors are closed, the fixture will automatically turn off.

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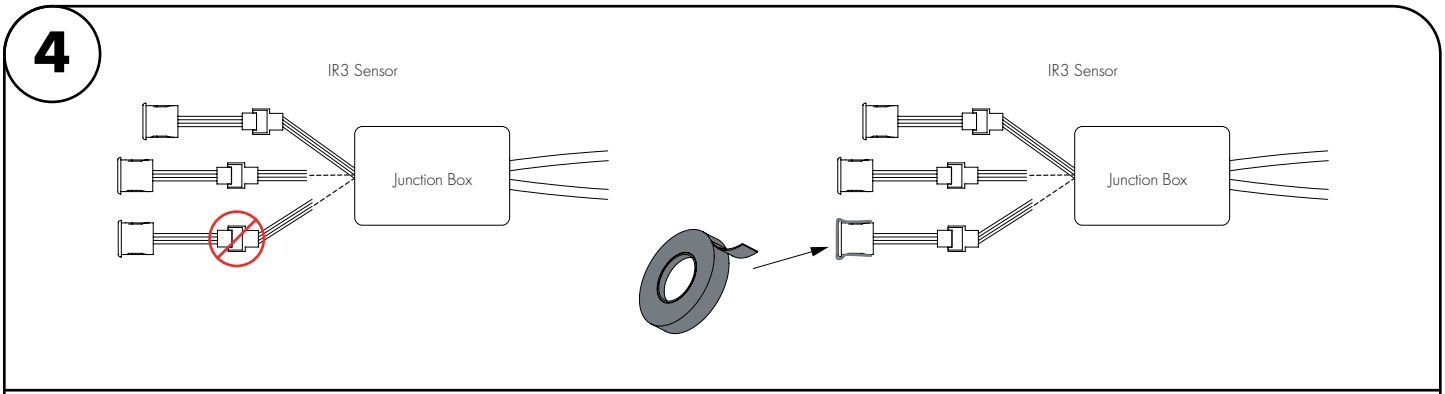
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External Sensor Conversion



4 To convert the IR3 sensor to only use two sensors do not unplug the sensor at the connector, this will trigger the sensor to read as ON and the light will not turn off. Instead get a piece of light blocking tape and tape over the sensor you do not wish to use. Coil up the sensor and keep it by the junction box out of sight.

Power Supply Wiring Diagram

Note: *Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.*

Static White
Wiring Diagram PDF

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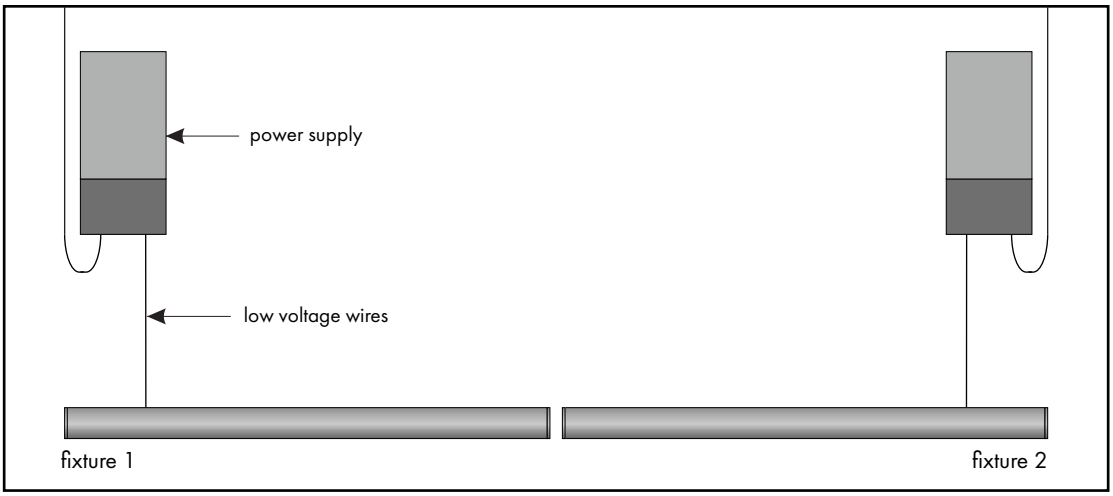
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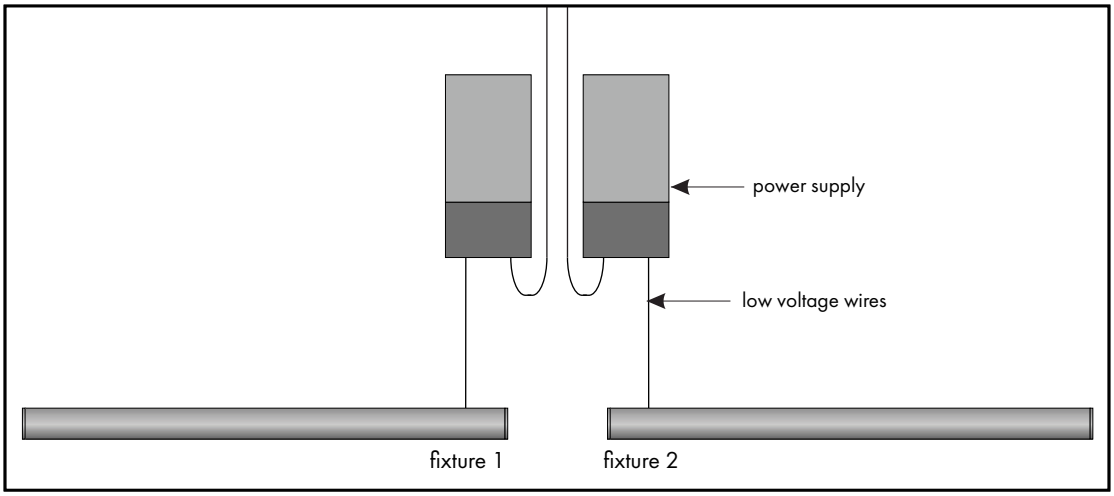
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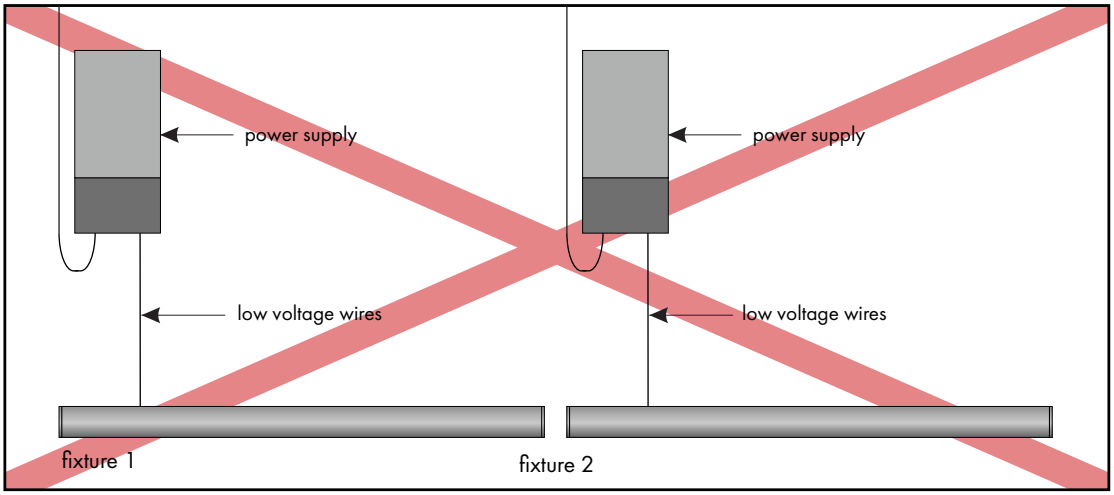
power supplies at the end of the run



power supplies in the middle of the run



consecutive layout, NOT RECOMMENDED



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