

Sensor or Daylight Wiring Specification Worksheet

OVERVIEW • SPECIFICATIONS • ORDERING

DATE	PROJECT	FIRM	TYPE
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SENSORS

Optional fixture integrated sensors and controls offer wireless control system compatibility directly from the factory. Lumium luminaries are now available with integrated control gear from 4 major partners.



DAYLIGHT WIRING

Optional daylight wiring only, means we can ship the fixture with additional control wiring for a remote sensor (supplied by others). Use the worksheet below to tell us what sections and/or directions you desire to be controlled by your remote sensor.

CUSTOMER INSTRUCTIONS:

A. Please supply a separate unique worksheet for each unique fixture type that requires factory installed fixture integrated sensors or daylight wiring only.

B. Following is the key information required (fill in blanks and/or check/circle options presented):

PROJECT FIXTURE TYPE

1 Project fixture unique TYPE designator or SKU. (For example: if this fixture was 'Type F03' in your fixture schedule, you would enter 'TYPE F03' here.)

SENSOR QUANTITY

2 Qty of sensors desired, in this unique fixture type (OR write DAYLIGHT WIRING for daylight wiring).

LOCATION

Section location on luminaire for sensor placement:

3 ☐ Start/Power Feed End ☐ End/Non-Power Feed End Standard Location* ☐ Other Section(s) ONLY: Specify Section Number ☐ N/A (Daylight Wiring)

Other: (Numbering scheme is: 'Start/power feed' section is 'section #1', the next section is section #2...)

"*Note: Standard sensor placement is to the right end of each section, when viewed in front elevation view, whereby the start/power feed is on the left. (See examples on following pages)

CONNECTION INSTRUCTIONS

Direction(s) desired to be connected to sensor OR daylight wiring:

4 ☐ a. Direct Light ☐ b. Indirect Light ☐ C. Bidirectional Light (Direct & Indirect respond in unison)

**If your fixture is BIDIRECTIONAL & you desire a fixture integrated sensor(s) (as opposed to Daylight Wiring):

i. You must select option c above, whereby both direct and indirect light will be wired to a single sensor and will respond in unison.

Section(s) to be controlled by sensor(s) or daylight wiring (if continuous run):

5 ☐ Full Run Length ☐ Start/Power Feed Section ONLY ☐ End/Non-Power Feed Section ONLY ☐ Other Section(s) ONLY: Specify Section Number Below

Other: (Numbering scheme is: 'Start/power feed' section is 'section #1', the next section is section #2...)

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EXAMPLE CUSTOMER SPECIFICATIONS

(See diagram below, illustrating the following selections.)

1 PROJECT FIXTURE TYPE

Project fixture unique TYPE designator or SKU. (For example: if this fixture was 'Type F03' in your fixture schedule, you would enter 'TYPE F03' here.)

F03 (and/or SKU)

2 SENSOR QUANTITY

Qty of sensors desired, in this unique fixture type (OR write DAYLIGHT WIRING for daylight wiring).

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3 LOCATION

Section location on luminaire for sensor placement:

☐ Start/Power Feed End ☒ End/Non-Power Feed End ☐ Other Section(s) ONLY: Specify Section Number ☐ N/A (Daylight Wiring)

Other: (Numbering scheme is: 'Start/power feed' section is 'section #1', the next section is section #2...)

4 CONNECTION INSTRUCTIONS

Direction(s) desired to be connected to sensor OR daylight wiring:

☐ a. Direct Light ☐ b. Indirect Light ☒ C. Bidirectional Light (Direct & Indirect respond in unison)

**Specific to fixture integrated sensor applications (as opposed to Daylight Wiring), & if your fixture is BIDIRECTIONAL:

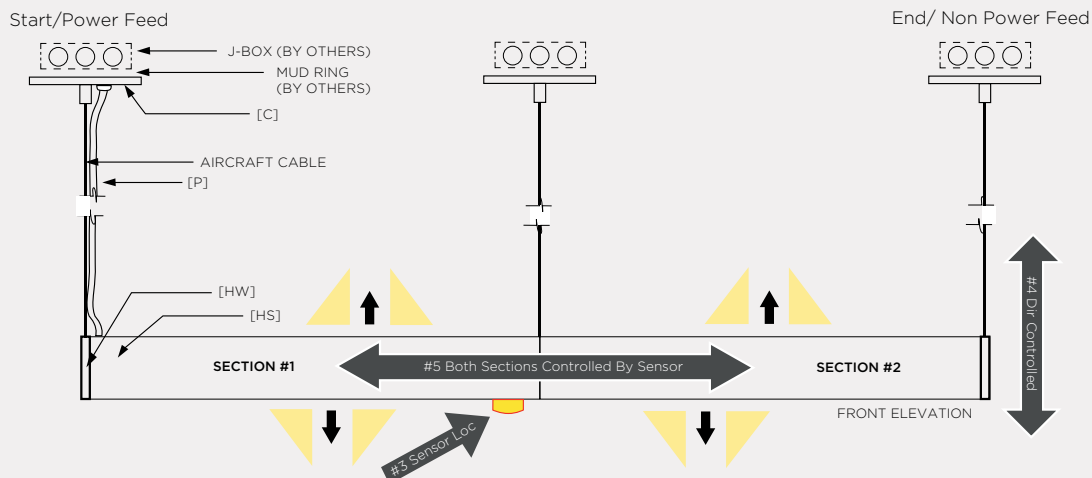
- If you select option a or b above, then a second sensor will be added. This 2nd sensor acts as a wireless interface only, to facilitate control of the opposite side of light. The resulting effect of this selection is the ability for independent control of the direct and indirect light.
- If you select option c above, then both direct and indirect light will be wired to a single sensor and will respond in unison.

Section(s) to be controlled by sensor(s) or daylight wiring (if continuous run):

☒ Full Run Length ☐ Start/Power Feed Section ONLY ☐ End/Non-Power Feed Section ONLY ☐ Other Section(s) ONLY: Specify Section Number Below

Other: (Numbering scheme is: 'Start/power feed' section is 'section #1', the next section is section #2...)

DIAGRAM OF ABOVE SELECTIONS



Pictured above is a bidirectional, 16ft continuous run luminaire in 2ea 8ft sections. There is 1ea fixture integrated sensor hardwired to both direct and indirect light. The full run length, as well as both the direct and indirect light will respond in unison to the sensing and wireless control inputs.

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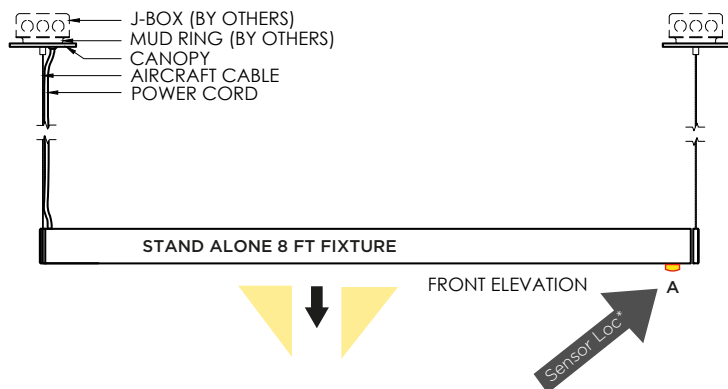
PROJECT

FIRM

TYPE

EXAMPLE A

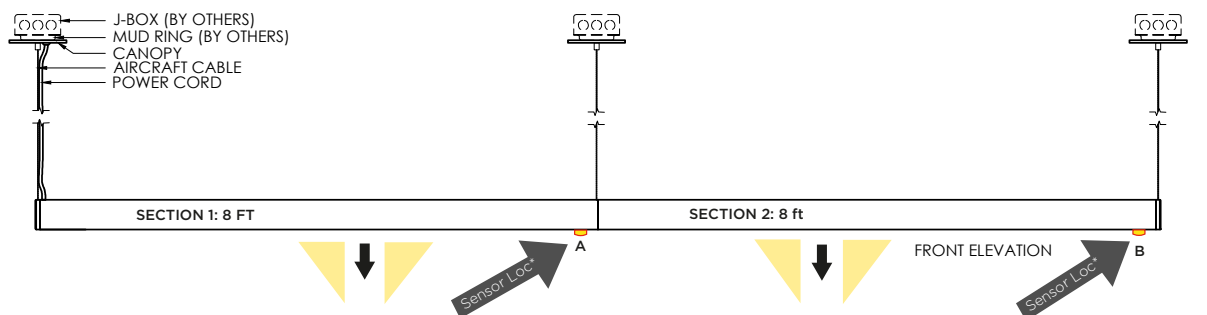
START/POWER FEED



Single direction, stand-alone fixture, 8 ft. Entire stand-alone fixture is hardwired to sensor A. Fixture responds to wireless control commands and/or sensing from sensor A.

EXAMPLE B

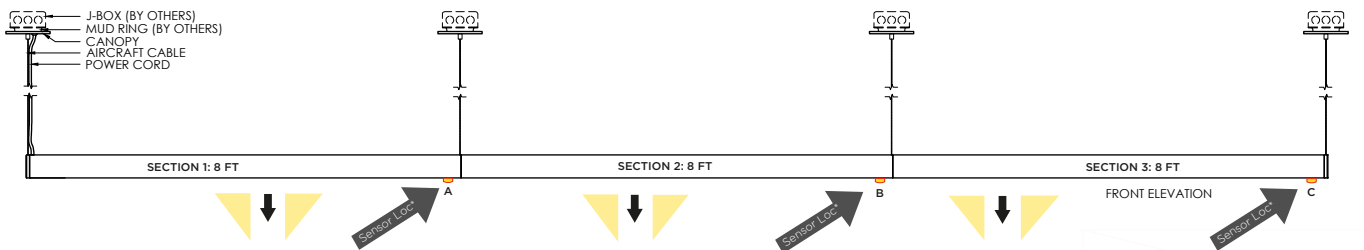
START/POWER FEED



Single direction, continuous run fixture, 16ft, 2 sections & 2 sensors. Section 1 is hardwired to sensor A & responds to wireless control commands and/or sensing from sensor A; section 2 is hardwired to sensor B & responds to wireless control commands and/or sensing from sensor B.

EXAMPLE C

START/POWER FEED



Single direction, continuous run fixture, 24ft, 3 sections & 3 sensors. Section 1 is hardwired to sensor A & responds to wireless control commands and/or sensing from sensor A; section 2 is hardwired to sensor B & responds to wireless control commands and/or sensing from sensor B; section 3 is hardwired to sensor C & responds to wireless control commands and/or sensing from sensor C.

*Note: Standard sensor placement is to the right end of each section, when viewed in front elevation view whereby the start/power feed is on the left.

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