



TRILYTE AISLE SENSOR

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Low Voltage Sensor - 110ft.Coverage / 20 AMP Power Pack

Features

- 30 foot mounting height recommended
- Up to 110 linear feet of coverage
- Provides control of multiple T5 / T8 technology fluorescents
- Adjustable time delay of 0.5 to 20 minutes
- Indiscrete and compact 4.96 x 3.1 x 1.6" nominal
- * Offers 20 amps circuit capability when used with Power Pack
 - UL and CUL Listed
- Power Packs available for 120v, 277v and 347v applications (See Options - Ordered Separately)

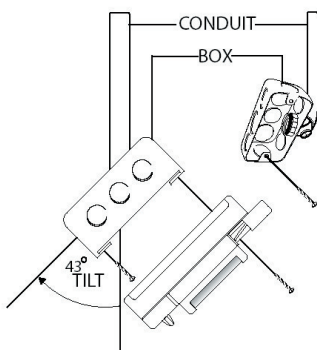


Features



- * This switch utilizes PIR, Passive Infrared, technology that detects infrared energy levels.

Mounting

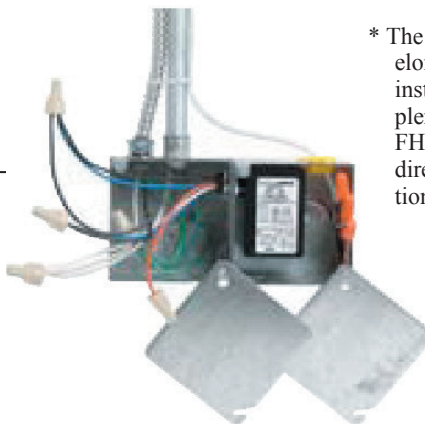


- * The FH110 is typically mounted at a 43° angle, 30ft. high and 10ft. back from the beginning of the aisle.. This ensures that a full 110ft. coverage can be attained. (See below)
- * A common method of adjustment is to bend a piece of conduit at 90deg and attach a single gang box to the end so the gang box can be tilted.

Use With Power Pack



- * The FHP20 transforms 120,277 and 347v to Class II to 15 VDC to power the remote sensors.
- * One FHP20-120, FHP20-277 or FHP20-347 can each control up to qty.14 FH110 sensors



- * The FHP20, complete with an elongated nipple, typically installs through a 1/2" KO . If plenum restrictions occur, the FHP20 can also be mounted directly to an adjacent junction box

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

CFI Fluorescent - A Canlyte Brand

www.canlyte.com

Technical Information: (613) 938-6221 • Fax (613) 938-9576

525 Education Road, Cornwall, ON K6H 6C7

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CFI FLUORESCENT



TRILYTE AISLE SENSOR

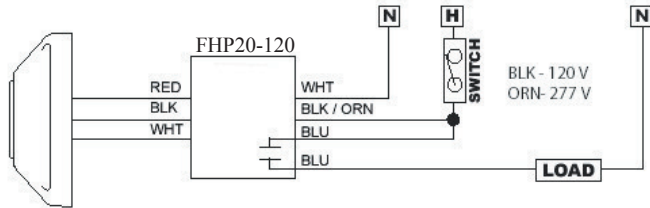
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Wiring Diagram 120, 277 and 347V (Do Not Wire Hot)

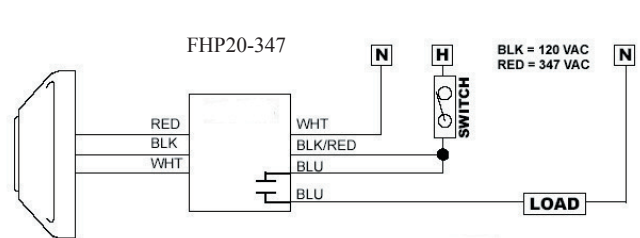
The power pack must be connected to a single phase Hot and Neutral system. For 120 VAC, connect the black wire to Hot, White wire to Neutral, and cap off the red wire. For 347 VAC, connect the Red to Hot, White to Neutral and cap off the Black wire. Never connect both the Black and Red wires. Low voltage can be 18 to 22 AWG; sheilding is not necessary.

One Sensor Controlling One Circuit



Wiring Diagram 120v and 277v

One Sensor Controlling One Circuit

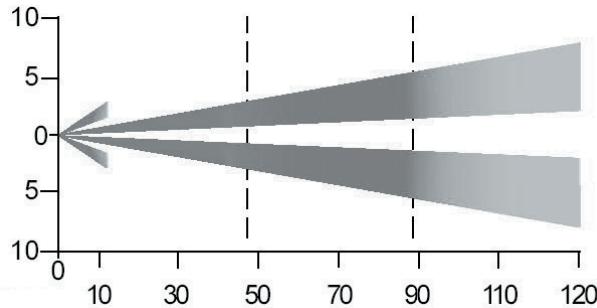


Wiring Diagram 347v

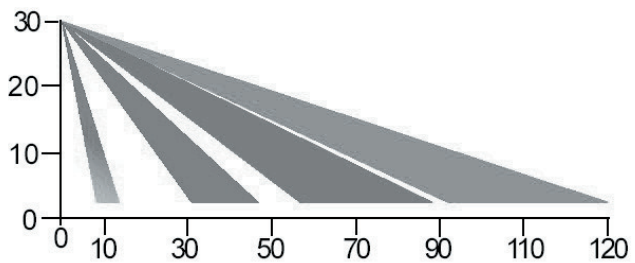
* Wire lead connections are Class II 18 to 22 AWG. The FH110 uses 3 leads (Red, Black and White).

Field Of View

* The FH110 has 5 separate fields of view. Motion is more readily detectable perpendicular to the beams rather than parallel to the beam.



Top View



Side View

Ordering Information

FH	110
FH SERIES TRILYTE	DISTANCE OF COVERAGE 110 FEET
HEAVY DUTY SURFACE FIXTURE	

FH	P20	-	120
FH SERIES TRILYTE	POWER PACK AMPERAGE 20 AMPS		VOLTAGE
HEAVY DUTY SURFACE FIXTURE			120 277 347

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