



# LED

## Wet Location Vapor Tight

### FEATURES

- Molded fiberglass with metal liner housing in a white finish, featuring a unique poured-in gasket to provide superior water and dust ingress protection.
- The fixture is designed with an UV stabilized polycarbonate lens
- Significant energy savings compared to traditional light sources, up to 139 lm/W
- Toolless access to the driver compartment.
- General 120° distribution.

### APPLICATIONS

Cold Storage, Food Processing Locations, Industrial Locations, Metal/Wood Shops, Garden Center & Misc.



### ENVIRONMENT

Operating Temperature	-40 °C to +40 °C
Suitable Location	<b>WET</b>
Ingress Protection Rating (IP)	IP66
Impact Protection (IK)	IK08

### LIFESPAN

Average Life (Hours)	100,000
Warranty (Years)	10 Years

Replacement Material And Freight Warranty For Defective LED Luminaires, Including The Power Supply Unit (PSU).

### COMPONENTS

LED Light Source	Bridgelux 2835 <small>L80 at 200,000+ hours for chip set only</small>
Driver	Internal Driver - UL 1310 for Class 2

### CONSTRUCTION

Housing	Non-conductive and non-corrosive white housing one-piece, molded fiberglass reinforced polyester body with metal liner for rigidity and positive grounding.
Lens	UV-Stabilized Frosted Polycarbonate
Finish	White

### QUALIFICATIONS

Part Number	LED-SVPNW4-K
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### NOTE

1. Nominal wattage. Tested at 5000 K CCT. Values at 120/277 V AC.
2. Environment and application will affect performance. Typical values and 25 °C used for testing. Specifications subject to change without notice

## PRODUCT DETAILS

### ELECTRICAL

Power	48 W
Voltage	120-277 V
Current	0.19 A
Power Factor	0.9
Total Harmonic Distortion (THD)	N/A

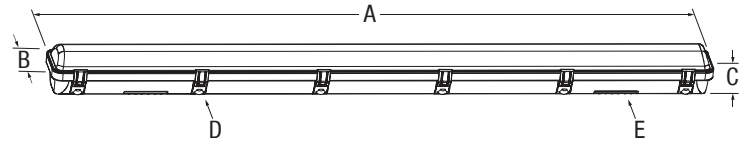
### LIGHTING PERFORMANCE

Lumens	6480 - 6672 lm
Efficacy	≥135 - 139 lm/W
Color Temperature (CCT)	5000 K
Color Rendering (CRI)	85+
R9 (Red Value)	28
R13 (Skin Tones)	61
Beam Angle	120°



## DIMENSION, WEIGHT & CLIP DETAILS

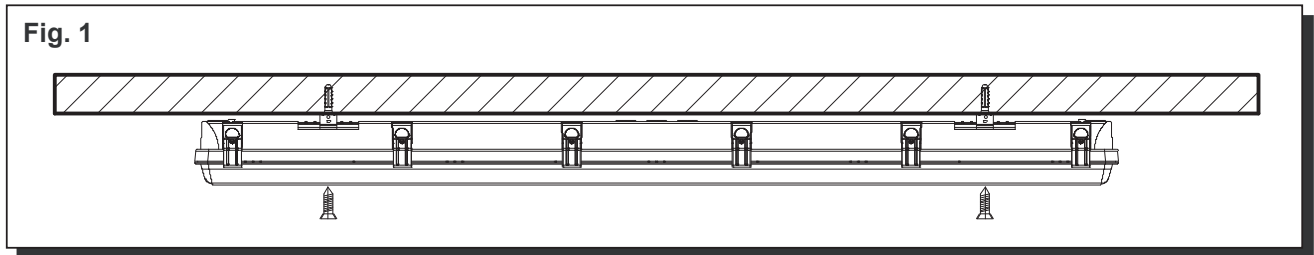
(A) Length	47.6"
(B) Width	4.9"
(C) Height	3.6"
(D) Closure Clips	6 per side
(E) Mounting Clips	2 Clips
Net Weight (lbs)	5.5



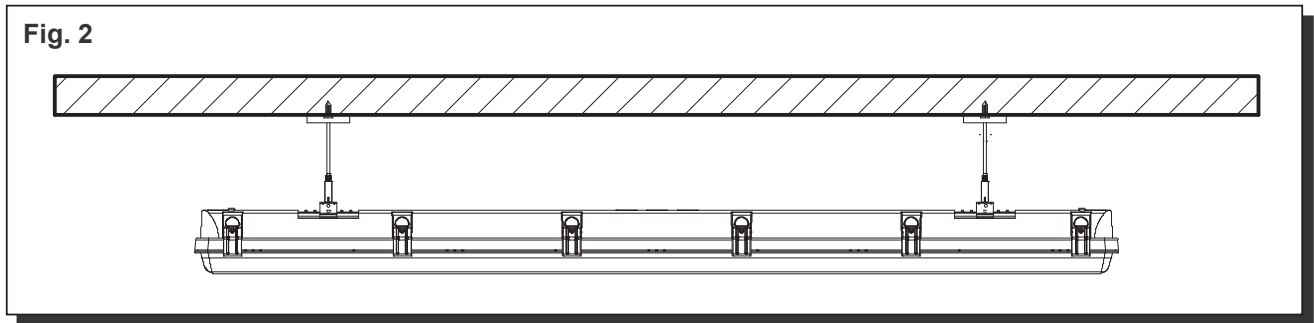
## INSTALLATION INSTRUCTIONS

1. Follow the step for the desired mounting method:

- a. Ceiling Mount using Snap-on Brackets - Secure snap-on brackets to ceiling (refer to mounting dimension list) using appropriate hardware (supplied by others) for the mounting surface (Fig. 1).

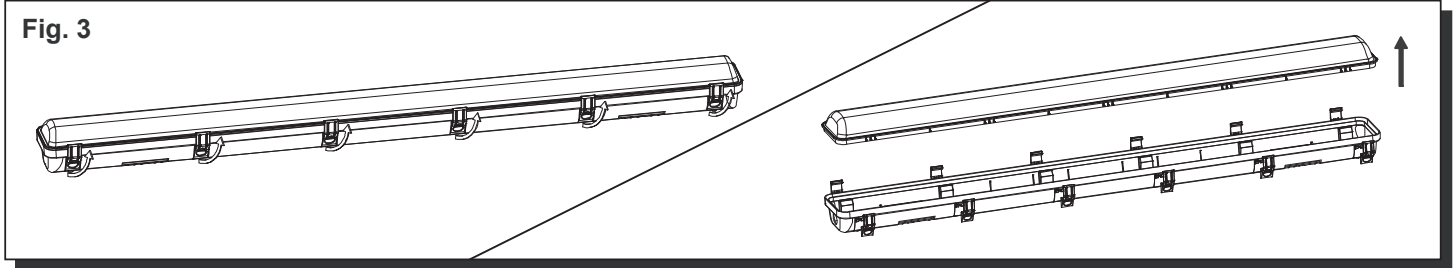


- b. Ceiling Mount, Suspended - Secure to ceiling (refer to mounting dimension list) using appropriate hardware (supplied by others) for the mounting surface. Attach ceiling mounting hardware to the snap-on fixture brackets (Fig. 2)



## MOUNTING DIMENSION LIST:

1. 4 ft long fixture (2 mounting brackets) - 33-1/2" center to center.
2. Align light fixture with the brackets and snap into place.
3. Release the latches and remove the lens. (Fig. 3)



4. Make electrical connections; see Electrical Connections section.
5. Replace the lens and secure with the latches.

**IMPORTANT:** Weatherproof your outdoor installation. Be sure to seal all holes in the enclosure, such as the mounting, conduit, plugs, sensors, and photocontrols with silicone sealant.

## ELECTRICAL CONNECTIONS (FIG. 4-6)

All electrical connections should be made inside the light fixture. Make electrical connection as follows:

120-277 V AC

Black - 120-277 V AC

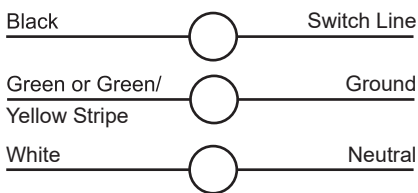
White - Common

Green/Yellow Green - Ground

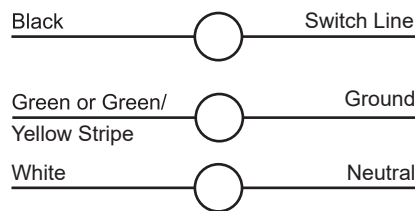
Note: Cap unused leads to prevent shorting.

This fixture auto-adjusts to voltages between 120-277 V AC.

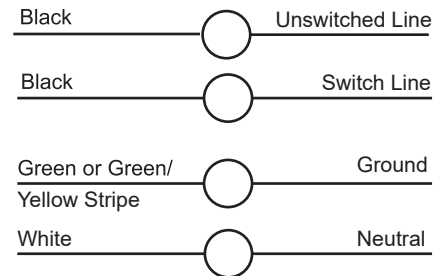
**Fig. 4 - Wiring Diagram**



**Fig. 5 - Motion Sensor Wiring Diagram**



**Fig. 6 - With Motion Sensor & Battery Backup Wiring Diagram**



## TROUBLESHOOTING

### If the fixture does not turn ON:

1. Check incoming voltage to the LED driver. The voltage must be a minimum of 120 V AC and no greater than 277 VAC.
2. Are all LEDs on the light engine OFF? If so, the LED driver may be defective. Using a voltmeter, check to see if voltage is present at the output of the power supply. If low or no voltage is found, replace the power supply.
3. If any individual LEDs are OFF, the LED light engine may be defective. Please have the serial number of the light engine available when you contact technical support.
4. If the unit is equipped with a photocell, check the photocell to make sure it is functioning properly.

