

VS SERIES INSTALLATION INSTRUCTIONS

OPTIONAL

VS22-DM**, VS22-DH**, VS24-DM**, VS24-DH**, VS14-DH**, VS14-DM**.

NOTE

Please read this entire manual to fully understand and safely use this product.
Specifications are subject to change without notice.
Please visit our website the most recent user guide versions.

UNPACKING

- ① Unpack and carefully examine the product.
- ② Report any damage and save all packing materials if any part(s) were damaged during shipping.
- ③ Do not attempt to use this apparatus if it is damaged

IMPORTANT SAFETY INFORMATION



CAUTION: Risk of Electric Shock

- ① **Suitable for Damp location.** Access above ceiling required. Do not install insulation within 51 mm (2 in) of any part of the luminaire. Suitable for suspended ceilings.
- ② Maximum ambient temperature is 50°C.

READ ALL INSTRUCTIONS BEFORE INSTALLATION

- ① Consult a qualified electrician to ensure correct branch circuit conductor.
- ② The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- ③ Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.
- ④ Before installing this fixture or doing any maintenance, make sure to turn off the power supply at the circuit breaker or fuse box.
- ⑤ Check to make sure that all fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
- ⑥ Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.
- ⑦ This panel lights are normally set to work at extra low voltage below DC42V and constant current conditions to ensure safety to human body.
- ⑧ Designed for use in 100V~277V, 50-60 Hz protected circuit, supply wire (18AWG, stranded, 600V, 200°C rated). SELV equivalent control gear' Apply class 2 power supply.

INCLUDED IN THIS BOX

- ① LED Panel Light
- ② Junction box
- ③ Installation instruction

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INSTALLATION INSTRUCTIONS

Step1: Open the cover of junction box, the two small hold of junction box superpose the two bolt of back board, put the two wires through the bigger hold. Please refer the marked positions. (Figure 1)

Step2: Fix screws by screwdriver as picture indicates. (Figure2)

Step3: Connect the DC wire of panel light and power supply, red to red(v+), black to black(v-), by terminal cap, as the picture shows. (Figure 3)

Step4: Bend hang buckle by 90°, making it vertical to the rear cover of panel light (Figure 4A). Bend hang buckle's top part by 90° (Figure 4B), Same to all hang buckles.

Step5: Turn off power, and remove the ceiling panel. (Figure 5)

Step6: Place the troffer into the T-bar. Ensure the troffer are attached to the ceiling. (Figure 6)

Step7: Remove appropriate round knock-out(s) and connect conduit to wiring box with proper connector(s).

Step8: AC input connect to neutral in N, the line connect to L, the ground connect to the green wire.
Dimmer Connect:

For models VS22-DH**, VS24-DM**, VS24-DH**, VS14-DH**:

Compatible with 0-10V, PWM, adjustable resistor dimming
The white (D-) to the dimmer-, and the blue(D+) to the dimmer+;

For model VS22-DM**:

Compatible with 0-10V Dimming

the D- to the dimmer- while the D+ to the Dimmer+
If dimming with using relay :

the D- to the dimmer-, and the +10V to the dimmer+ if not using relay.

Connect wires as shown in wiring diagram (Figure 4).

Step 9: Push all wires back into the junction box.

Re-install access plate.

