

SP SERIES INSTALLATION INSTRUCTIONS

OPTIONAL

SP22-DM-XXX,SP22-DH-XXX ,SP24-DM-XXX,SP24-DH-XXX,SP22-DM347-XXX ,SP24-DH347-XXX
SP14-DM-XXX,SP14-DH-XXX

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**

Suitable for Damp location. Access above ceiling required. Suitable for suspended ceilings.

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 pane 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 or 347V-480V,50-60Hz protected circuit. Apply class 2 power supply.

INCLUDED IN THIS BOX

- 1 LED Luminaire
- 2 Installation instruction

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INSTALLATION INSTRUCTIONS

Step1: Open J-BOX (Figure1)

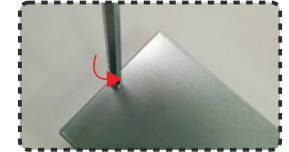


Figure1

Step2: Bend hang buckle by 90° making it vertical to the rear cover of panel light (Figure 2A). Bend hang buckles top part by 90° (Figure 2B), Same to 4 hang buckles.

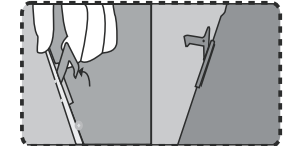


Figure2A

Figure2B

Step3: Turn off power, and remove the ceiling panel.

Step4: For positioning, place the troffer into the T-bar, ensure the troffer are attached to the ceiling. (Figure3)

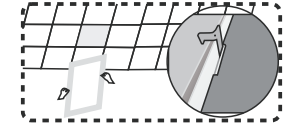


Figure3

Step5: Remove appropriate round knock-out(s) and connect conduit to wiring box with proper connector(s).

Step6: AC input connect to neutral in N, the line connect to L, the ground connect to the green wire. (Figure4)

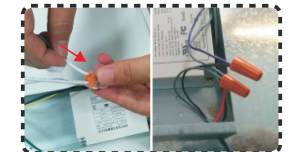


Figure4

Figure5

Dimmer Connect

Compatible with 0-10V, dimmer
The driver PUR (D+) to the dimmer+ (PUR), and the driver GRY (D-) to the dimmer- (GRY)
Wire joint use cap connector as shown in wiring diagram (Figure 5).
Incoming insulated dimming conductors shall have voltage rated at least equal to the branch voltage.

Step 7: Push all wires back into the junction box, Close J-BOX for cap (Figure 6).



Figure6

WIRING DIAGRAM

