

# sunlite®

## INSTALLATION INSTRUCTIONS

LED VAPOR TIGHT CEILING/WALL COMBO FIXTURE | 88144-SU



DIMMABLE

Compatible with most wall based 0-10V dimming controllers

**Please read and understand this entire manual before attempting to assemble, operate or install the product.**

**WARNINGS & CAUTIONS:** Risk of fire or electric shock, avoid fire or electric shock. Turn off the power at fuse or circuit breaker box before installation and maintenance to avoid electric shock. Before installation thoroughly review enclosed installation manual. **PROPER EARTH GROUNDING IS REQUIRED TO ENSURE SAFETY.** Suitable for 120-277 Volt fused circuits, This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. If you do not have sufficient electrical wiring experience, please consult a qualified electrician. Consult a qualified electrician to ensure correct branch circuit conductor. Do not make or alter any open holes in an enclosure of wiring or electrical components during installation. Please wear gloves to avoid injury before installation. If the product is damaged, do not attempt installation and do not use. Not for emergency lighting. please use listed water proof strain relief bushing when connecting the supply cord to the outlet box. Operating temperature -40°C - 50°C (-40°F - 122°F). Suitable for wet locations.



**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including that may cause undesired operation.**

Retain these instructions for future reference.

## Installation

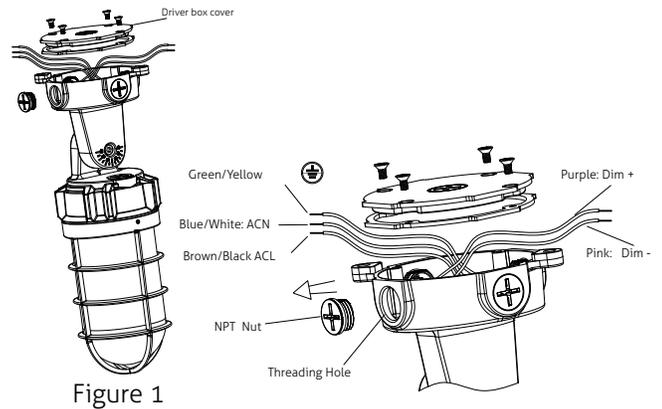
### PRE-INSTALLATION:

1. Turn power OFF from the electrical panel before starting installation.
2. Carefully remove the fixture from the carton, and check that all parts are included, as shown in figure.

### WIRING DIAGRAM & INSTRUCTION:

1. Unscrew the driver box cover, as shown in (Fig. 1)
2. Open the cover, there is a hanging rope at the lower left corner to prevent falling off.
3. Unscrew the 1/2" NPT nut, install suitable conduit to the conduit opening, pull the wire through the conduit hole and connect it to the terminal block (Fig. 2) Wire connected to terminal block should be Aluminum or Copper Conductors. See label at the terminal block for wiring.
4. Lock the driver box cover with screws. (Fig 3).
5. After installation, please ensure all the wiring is accordance with local connection standard.

**NOTE:** All the conduit openings must be closed by conduit or NPT nut, When ever installing the NPT nut or conduit during installation or maintenance, please ensure silicone gel is added around the NPT nut.



### CCT SELECT AND DIMMING FUNCTION

1. CCT and dimming function is optional for the fixture, and choose not to use the function if it's not required.
2. Wiring instruction for fixture with CCT function (Fig. 4).
  - a. Unscrew the gasketed cap from the fixture as shown in the images below.
  - b. adjust the CCT to described setting.
  - c. Screw on gasketed cap.
3. Wiring instruction for fixture with dimming function.
  - a. Unscrew the driver box cover, as shown in (Fig. 1);
  - b. Wring according to purple and pink dimming as shown in (Fig.2)



Figure 3

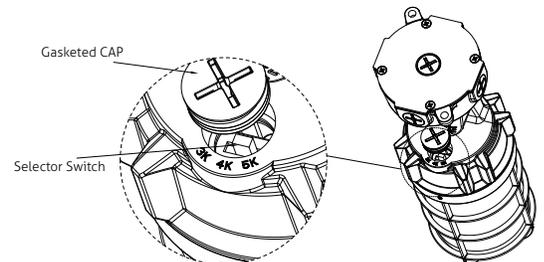
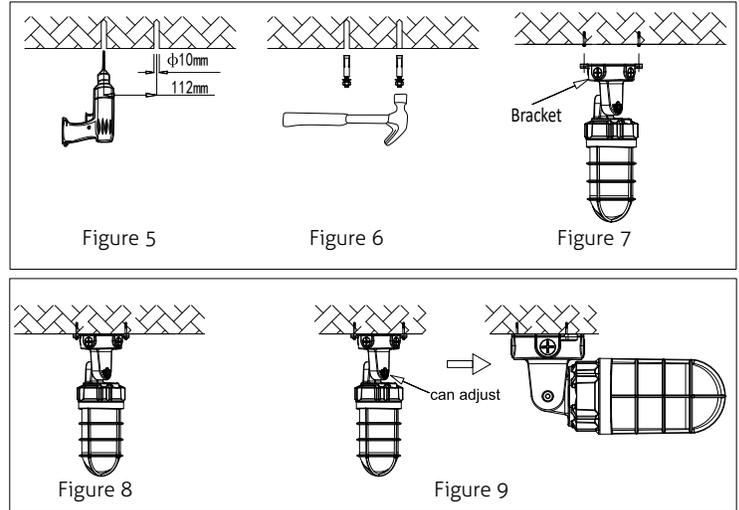


Figure 4

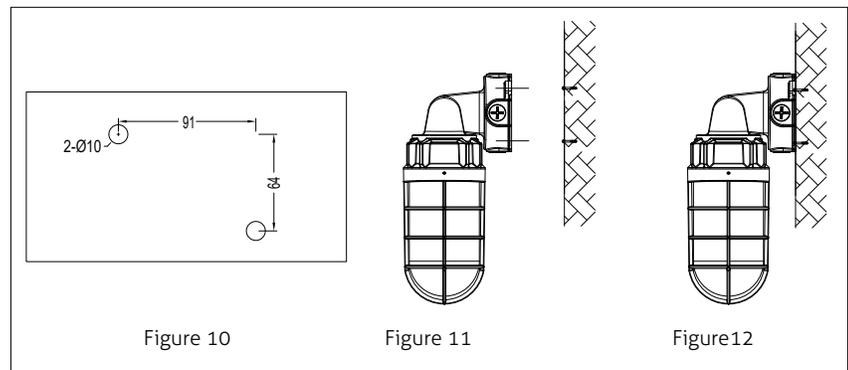
## CEILING MOUNT INSTALLATION

1. Make marks on the wall and drill holes on the marks (Fig. 5), then Use a hammer to put the expansion screws into the holes (Fig 6). The holes on the bracket should be aligned with the expansion screws (Fig 7).
2. Tighten the nut of the screws. (Fig 8).
3. Wiring according to the instructions on the first and second pages.
4. After installation, please wire in accordance with local wiring standard and make sure to take good waterproof measures at the joint of conduit. Users can adjust degree to left or right from vertical downward direction by adjusting the screw on the bracket. (Fig 9).

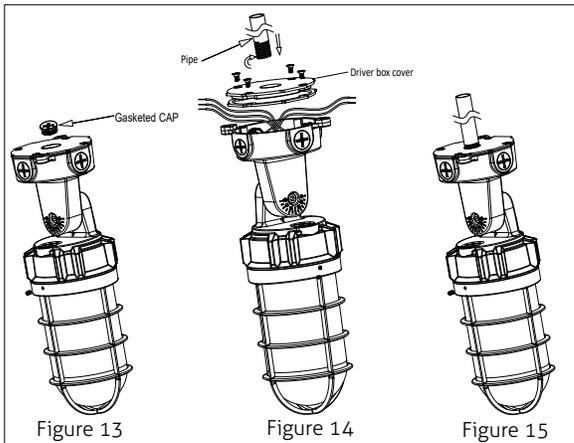


## BRACKET WALL MOUNTING

1. Use a chalk or sharp tool to mark signs on the top of the ceiling then drill holes on the signs by electric drill (Fig 10).
2. Use a hammer to put the expansion screws into the holes (Fig 11), the holes on the bracket should be aligned with the expansion screws, then push the fixture to one side (Fig.11)
3. Tighten the nut of the screws. (Fig 12).Wiring according to the instructions on the first and second pages.
4. After installation, please wire in accordance with local wiring standard and make sure to take good waterproof measures at the joint of conduit.



## THREADED PIPE MOUNTING



1. Unscrew the gasketed cap from the fixture (Fig 13).
2. Pass the wire in the threaded pipe through the hole and connect to the wire of the terminal accordingly (Fig 14).
3. After the wiring is completed, put the threaded pipe into the hole. Turn it clockwise to tighten it (Fig 14).
4. Lock the driver box cover with screws (Fig.15).
5. After installation, please wire in accordance with local wiring standard and make sure to take good waterproof measures at the joint of conduit.