ETLIN-DANIELS

INSTALLATION FOR LED WALL PACK WP5M SERIES

IMPORTANT: SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

⚠ WARNING

CAN ICES-005 (B) / NMB-005 (B)

ETL Intertek

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION.
• Before starting use of the fixture, please check if the fixture was damaged during transportation. If any damage shown, please do not not install or use it.
• The products itself and all its components should not be mechanically stressed.
• Installation must not damage or destroy conducting paths or other parts of the products.
• Installation of LED product (with power supplies) needs to be made with regard to all applicable and safety standards.
• Correct electrical polarity needs to be observed. Wrong polarity may damage or destroy the LED products.
• Do Not operate LED's in reverse bias.

• Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
• Identify positive (+) and negative (-) output of the power supply by using a multimeter.
• Electrical connection should be in a dry area unless adequately sealed.
• This product series emits high light ouput. Do Not look directly in the light emitting area. Direct exposure to the light over an extended period of time may harm eyes
• If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard .
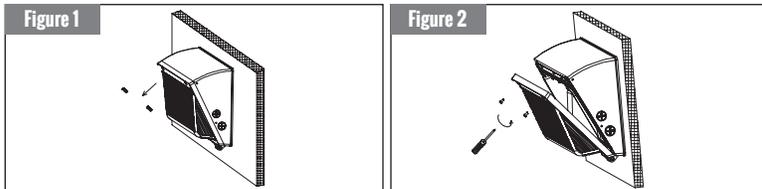
NOTICE: WATTAGE SELECTION
The WP5M Generation of Wall Packs is equipped with a wattage selection switch. To properly maintain the IP rating of this series, this switch is located inside of the fixture.
Factory presets are as follows:
• 40W / 60W is preset at 40W
• 80W / 100W / 120W is preset at 80W

If the factory preset wattages are what is required for this application, then you may skip this wattage selection process. If you require a wattage selection other than the factory preset, please proceed with the following steps prior to mounting the fixture to the wall.

1. Take out the 2 silicone plugs on the front of the fixture. Save them to put back at end of wattage selection process (See Fig. 1)
2. Use Philips screwdriver to remove the 2 screws from the front cover. Save them to put back at end of wattage selection process. (See Fig. 2)

Figure 1

Figure 2

3. Using the wattage selection switch, set the fixture to the desired wattage, if the preset wattage was not what was required. (see Fig. 3)

Figure 3

80W 100W 120W   or   40W 60W
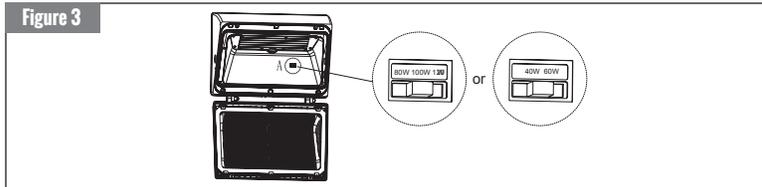
4. Close the front of the fixture. replace both Philip Screws. Replace both silicone plugs to ensure IP rating.
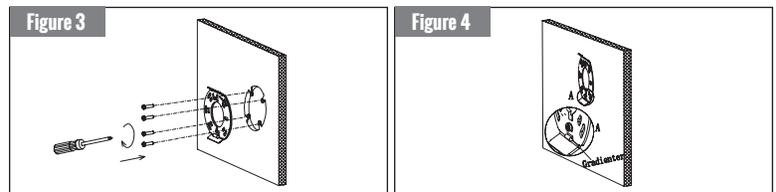5. Wattage selection is complete.

A: Installation-Surface Mounting
1. Do not remove any part of the fixture.
2. Specification please see the label on fixture.
3. Terminal block to be used shall conform to UL standard; and shall be specified as following:
   - the type of terminal: threaded terminal;
   - number of terminals: 5 poles;
   - rated voltage: Min. 277V (low voltage);
   - rated connecting capacity: Min. 18AWG, 600V;
   - fixing method: fixed inside the connecting box.
4. Please read carefully before wiring.
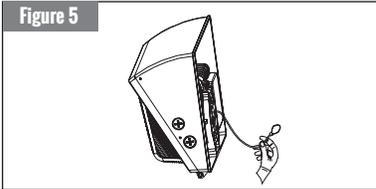
B: Junction Box Mounting

Figure 1

Figure 2
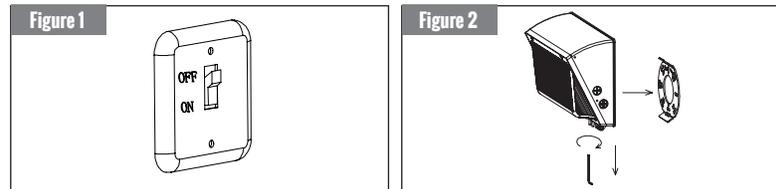
1. Turn off the power supply to junction box from wall switch, before installing fixture. (See fig. 1).

2. First use the allen wrench to unscrew the two starting screws on the bottom side to a position where the wall-mounting plate can be taken out. (The two screws do not need to be completely unscrewed), take out the wall-mounting plate (See Fig 2)
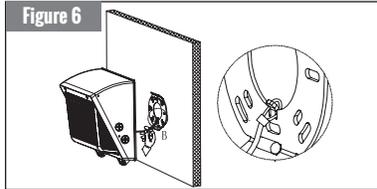
Figure 3

Figure 4

3. Align the wall mounting plate with the holes of the junction box on the wall. Attach the wall mounting plate to the junction box using 2 or 4 #8 screws, provided (See Fig. 3). Adjust the wall mounting plate according to the level built into the plate to ensure that the mounting is horizontal. (See Fig. 4)

Figure 5

Figure 6

Figure 7

LINE(Black)
NEUTRAL(White)
PE(Green)
(DIM+)
(DIM-)

LINE(Black)
NEUTRAL(White)
PE(Green)   AC INPUT
PURPLE(DIM+)
GRAY(DIM-)

LED LIGHTING

L:Black
N:White
Ground:Green
DIM+:Purple
DIM-:Grey

4. Take out the suspended steel cable attached to the back of the fixture. (See Fig. 5)

5. Ensure that the steel cable loop is properly mounted into the 2 slots on the wall mounting plate. (See Figure 6).

6. Pull out the fixture wires from the junction box, connect L/N/GND, and dimming wires with the screw-type terminal cap provided. (if no dimming wire, please ignore it), put the screw terminal caps into the embeded junction box after connection (see fig 7)

Figure 8

Steel wire

Figure 9

Figure 10

Board
Mounting Plate
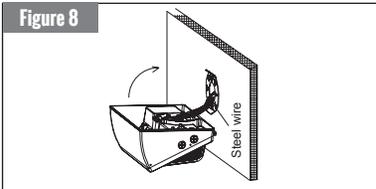
Figure 11

7. Holding fixture with both hands, hang it on the wall mounting plate according to (Figure 8-11). Make sure the fixture is properly attached to the wall mounting plate.
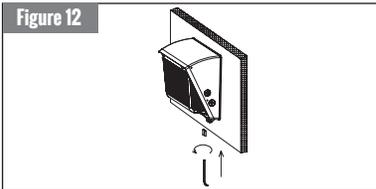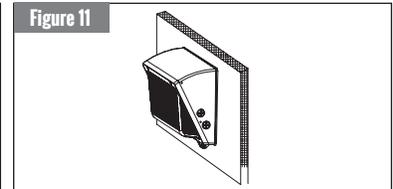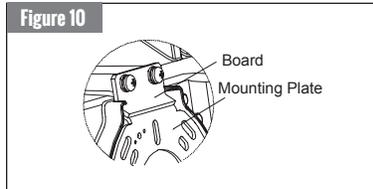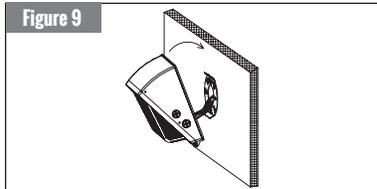
Figure 12

Figure 13

Figure 14

OFF
ON

8. Hold the fixture up against the wall with one hand. Using your other hand, and an allen wrench, lock the 2 screws on the bottom side to complete the installation (See Fig 12).
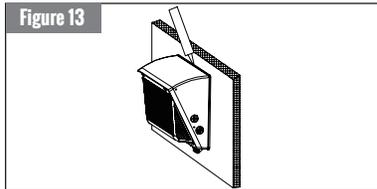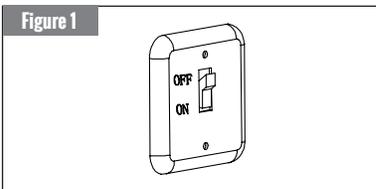
9. Run a bead of silicone sealant around the perimeter of the fixture to ensure a waterproof seal to the wall. Sealant not supplied (See Fig 13).
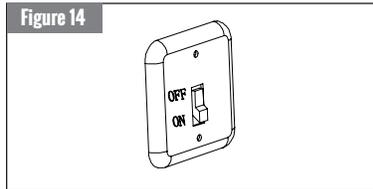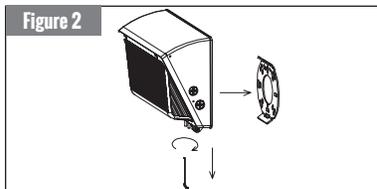
10. Turn on the power supply at wall switch after installation to verify that the fixture is correctly wired. (See Fig 14).
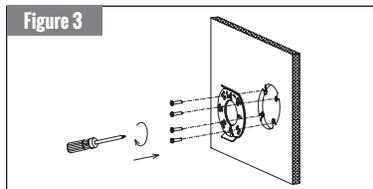
C: Side Conduit Mounting:

Figure 1

OFF
ON

Figure 2

Figure 3

Figure 4

gradienter

1. Turn off the power supply to junction box from wall switch, before the installing fixture. (See Fig. 1)

2. First use the allen wrench to unscrew the two starting screws on the bottom side to a position where the wall-mounting plate can be taken out. (The two screws do not need to be completely unscrewed), take out the wall-mounting plate. (See Fig 2).
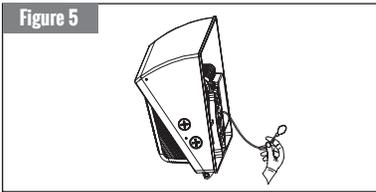
3. Align the wall mounting plate with the holes of the junction box on the wall. Attach the wall mounting plate to the junction box using 2 or 4 #8 screws, provided. (See Fig. 3). Adjust the wall mounting plate according to the level built into the plate to ensure that mounting is horizontal. (See Fig. 4).
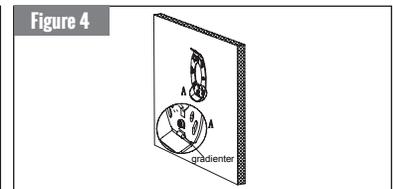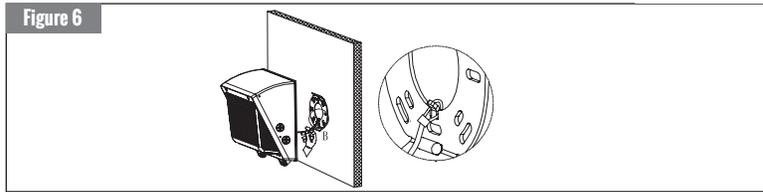
Figure 5

Figure 6

Figure7

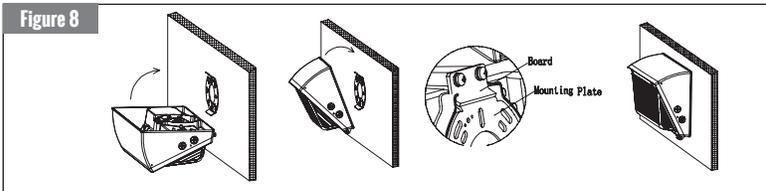**4.** Take out the suspended steel cable attached to the back of the fixture. (See Fig. 5).

5. Ensure that the steel cable loop is properly mounted into the 2 slots on the wall mounting plate (See Figure 6).

6. Cut off the wire on the back, make sure to leave a little wire-thread residue to the rubber plug. (See Fig. 7).

Figure 8

Board
Mounting Plate

Figure 9

Figure 10

7. Holding fixture with both hands, hang it on the wall mounting plate (See Fig. 8). Make sure the fixture is properly attached to the wall mounting plate.
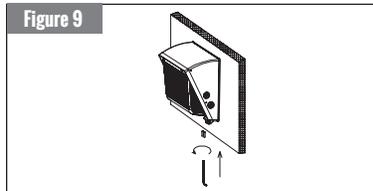
8. Hold the fixture up against the wall with one hand. Using your other hand and an allen wrench, lock the 2 screws on the bottom side to complete this installation (See Fig. 9)
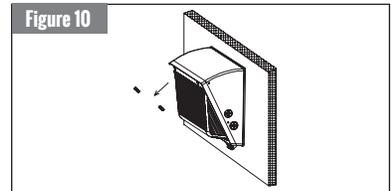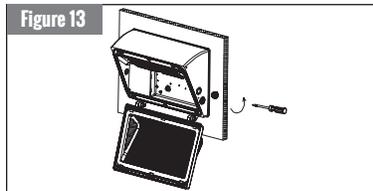
9. Take out the two silicone plugs on the front of the fixture. Save them for future use (See Fig. 10)

Figure 11

Figure 12
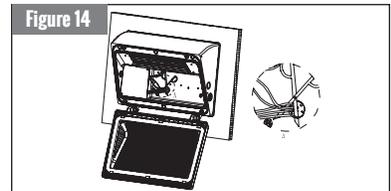
Figure 13

Figure 14
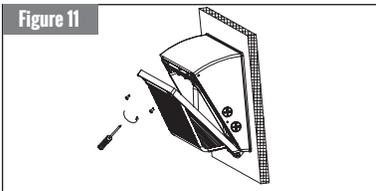
10. Use a Philips screwdriver to remove the 2 screws on the front cover. Save them for future use. (See Fig. 11)
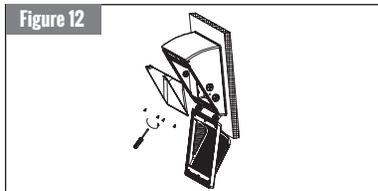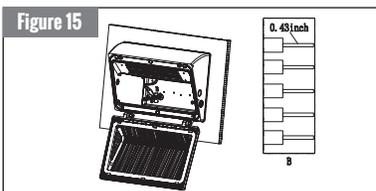
11. Open the front-cover, remove the four screws fixed the reflector, save the screws for future use (See Fig. 12)

**12.** Remove the upper knockout on the side (See Fig. 13)

13. Cut off the wires inserted into the rubber plug, do not pull out the wire-thread residue left in the rubber plug (the waterproof function will be invalid if pulled out). (See Fig. 14)

Figure 15

0.43inch

B

Figure 16

LED
LIGHTING

LINE(Black)
NEUTRAL(White)
PE(Green)
(DIM+)
(DIM-)

LINE(Black)
NEUTRAL(White)
PE(Green)   AC INPUT
PURPLE(DIM+)
GRAY(DIM-)

Figure 17

14. Strip wrap of five wires of black / white / green / purple / gray to 11mm (0.43 inch), if there is no external dimming wire, then no need to strip the purple and gray wire. (See Fig. 15)
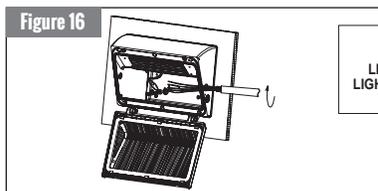
15. Using a liquid tight connector, attach conduit to side of fixture using knockout hole. (See Fig. 16)
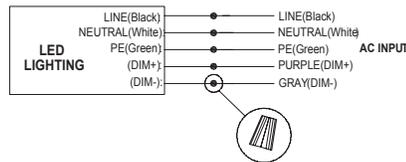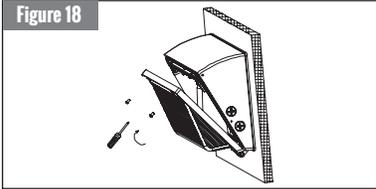
16. Make wiring of black, white, green, purple and gray wire with screw-type terminal cap as shown in above figure (if there is no dimming wire, please ignore it). (See Fig. 16)
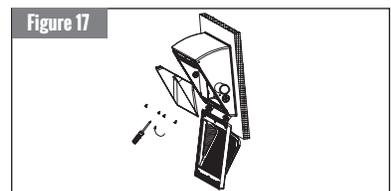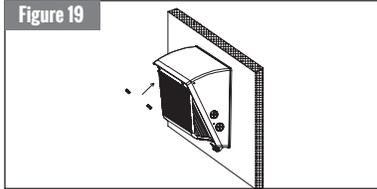
17. Fix the reflector back to fixture with the four screws saved. (See Fig. 17)

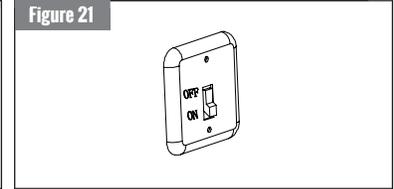| Figure 18	Figure 19	Figure 20	Figure 21

18. Close the front-cover and lock with the two screws saved. (See Fig. 18)

19. Plug the two silicone caps back to the front cover. (See Fig. 19)
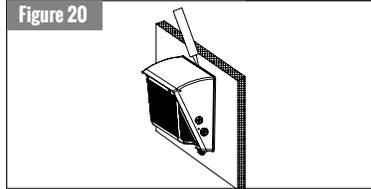
20. Run a bead of silicone sealant around the perimeter of the fixture to ensure a waterproof seal to the wall. Sealant not supplied (See Fig. 20)
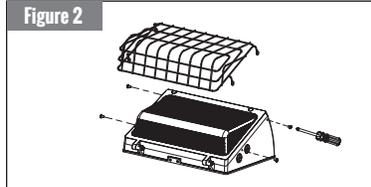
21. Turn on the power supply at wall switch after installation, to verify that fixture is correctly wired. (See Fig. 21)
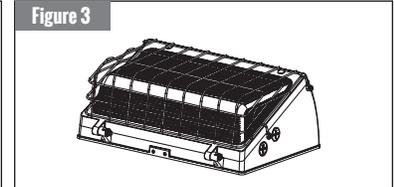
Accessory Installations:

Wire Guard

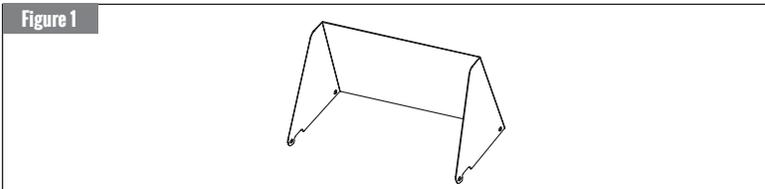| Figure 1	Figure 2	Figure 3

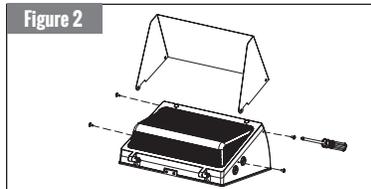**1.** Take out the wire guard from the box (Fig. 1)

2. Take out the 4 pcs. of #8 screws, including gaskets, from accessories kit. Use a Philips screwdriver to attach the wire guard to the fixture as per Fig. 2 & Fig. 3.

Visor

Figure 1	Figure 2	Figure 3

1. Take out the visor from the box (Fig. 1)

2. Take out the 4 pcs. Of #8 screws, including spacers, from the accessories kit. Use a Philips screwdriver to attach the visor to the fixture body as per Fig. 2 & Fig. 3