



SLIM PROFILE LED WALL PACK INSTALLATION, USE, AND MAINTENANCE INSTRUCTIONS

MODELS: WPSP-20WLED-UNIV-4000K; WPSP-30WLED-UNIV-4000K

Model Number Parameter List:

Item	Model	Input Voltage	Power Factor	Watts	Input Current	Weight
A	WPSP-20WLED-UNIV-4000K	100-277VAC	≥0.92	20W	0.3A	3.35 lbs
B	WPSP-30WLED-UNIV-4000K			30W	0.35A	3.35 lbs

CAUTION: This product uses an input 100-277VAC driver of wide range voltage, but the actual working voltage is dependent on the input voltage of the photocell that may be installed on the product. Normally the input voltage of a photocell is 120V/208V/240V/277V single range, but may also have 120-277VAC wide range. Please pay attention to these details during installation.



1. INTRODUCTION

- This LED Wall-Packs light uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency.
- As with traditional HID lighting, a standard photocell can be mounted on the enclosure.
- An internal power-factor-corrected switch-mode supply allows it to be used from any nominal 100V-277V, 60Hz AC supply without any variation in light output.
- Suitable for use in the following locations:
 - Ambient Temp: -20~+45°C
 - Wet Locations

Note: Save these instructions for future reference.

2. PRECAUTIONS

WARNING:

To avoid the risk of fire or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

WARNING:

To avoid electric shock:

- Be certain electrical power is **OFF** before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.



SLIM PROFILE LED WALL PACK INSTALLATION, USE, AND MAINTENANCE INSTRUCTIONS

For supply connections use wire rated for at least 90°C

3. INSTALLATION

Three mounting options:

Type	Fixture Options
Junction Box Mounting	Standard
Pole Mounting	Knuckle Mounting Kit
Surface/Wall Mounting	Bracket Mounting Kit

JUNCTION BOX MOUNTING

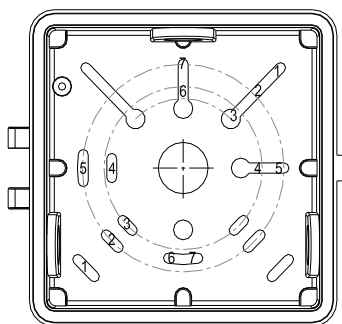


FIG.1

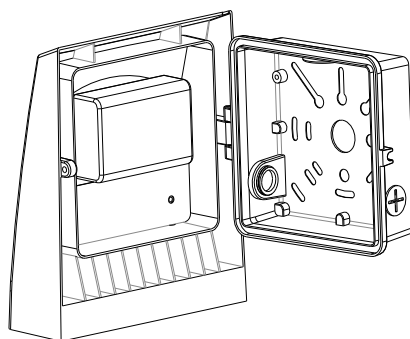


FIG.2

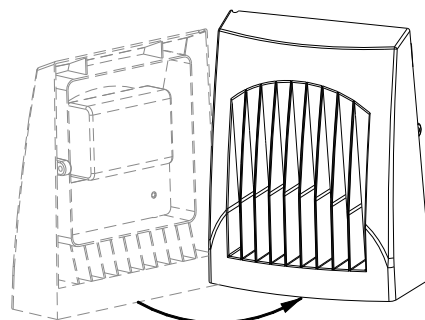


FIG.3

Junction Box Mounting Guide			
1-1	4" Square Box	5-5	4" Round Box
2-2	4" Octagonal Box	6-6	2-3/4" Hole Pattern
3-3	3-1/2" Square/Octagonal Box	7-7	Single Gang
4-4	Masonry Box		

STEP 1

Open the back box by using philips screw driver (FIG. 2), confirm junction box size PRIOR to removing the gasket material for the application (FIG. 1). ONLY remove the gasket material needed for the installation. Mount back box to junction box. Utilize any junction box pairings for lag mount (Example: 5-5). Lag mount hardware provided by others



SLIM PROFILE LED WALL PACK INSTALLATION, USE, AND MAINTENANCE INSTRUCTIONS

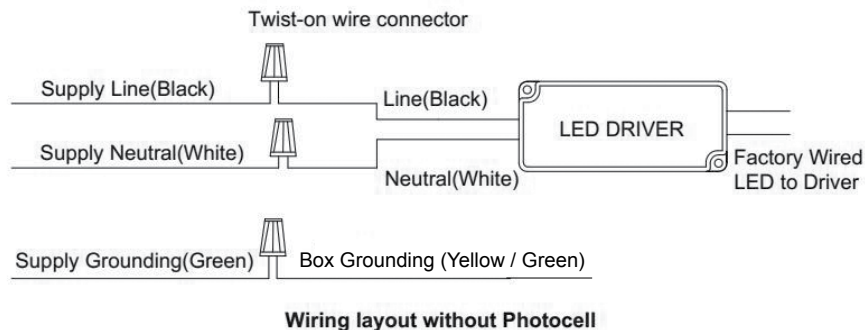


FIG. 4

STEP 2

Utilize twist-on connectors to make electrical connections (FIG. 4,5). All electrical connections must remain inside back box. Tighten enclosure screw to seal fixture.

STEP 3

Please refer to FIG.6 for location for the photocell (optional).

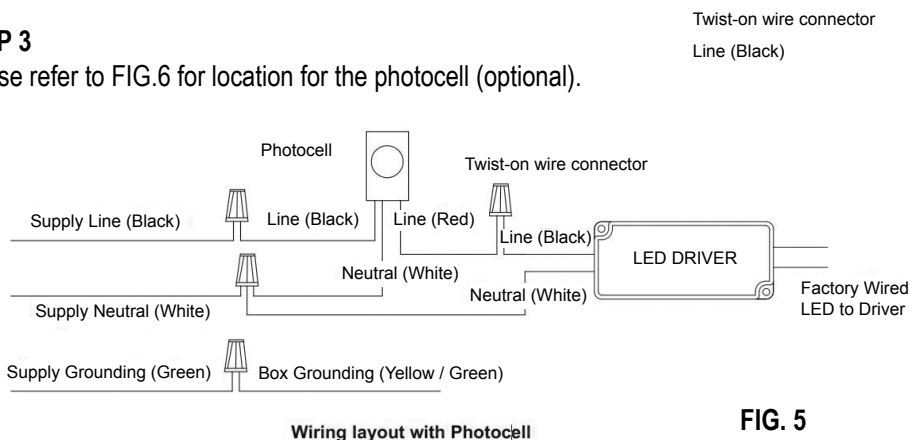


FIG. 5

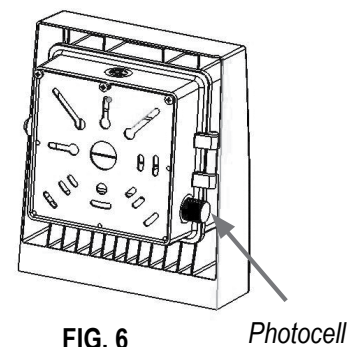


FIG. 6

SURFACE/WALL MOUNTING

STEP 1

Open back box by using Phillips screw driver (FIG. 2). Remove gasket material for any junction box pairings (FIG. 1).

STEP 2

Mount back box to wall. Lag mount hardware provided by others. **IMPORTANT:** The mounting surface **MUST** be SMOOTH and FLAT over an area large enough for the entire face of the gasket to make contact with the mounting surface.

STEP 3

Utilize twist-on connectors to make electrical connections (FIG. 4 or 5). All electrical connections must remain inside back box.

STEP 4

Close fixture and tighten enclosure screw to seal fixture (FIG 3). After closing fixture, apply silicone compound around perimeter between back box and mounting surface, to ensure a water tight seal.



SLIM PROFILE LED WALL PACK INSTALLATION, USE, AND MAINTENANCE INSTRUCTIONS

KNUCKLE MOUNTING KIT

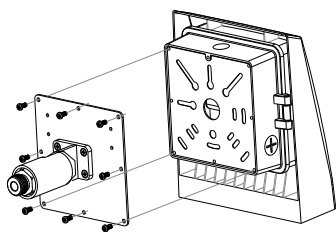


FIG.7

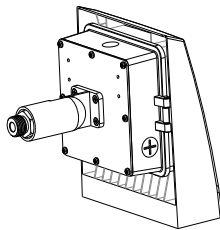


FIG.8

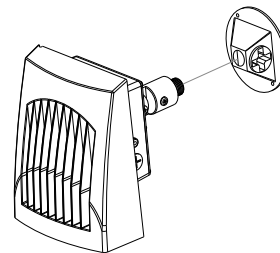


FIG.9

STEP 1

Screw the Knuckle Mounting Kit onto the back of the fixture box (FIG. 7, 8)

STEP 2

Refer to FIG. 4 or FIG. 5 for wiring, remove the screw at the knuckle of the Knuckle Mounting Kit with a phillips head screwdriver, pass the wires through the hole of the Knuckle Mounting Kit (Note: Knuckle Mounting Kit may come prewired).

STEP 3

Route electrical leads through the 1/2" NPS cover plate (supplied by others). Seal knuckle threads with sealing compound (not provided). Secure cover plate to knuckle with lock nut (50-60 in-lbs). Make wire connection in outdoor rated junction box. Mount cover plate to junction box. (FIG.9)



SLIM PROFILE LED WALL PACK INSTALLATION, USE, AND MAINTENANCE INSTRUCTIONS

BRACKET MOUNTING KIT

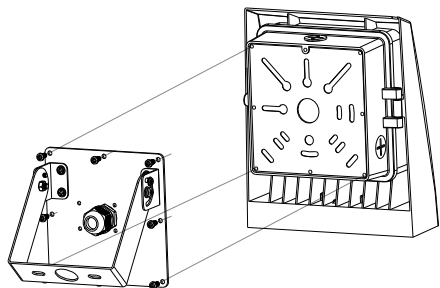


FIG.10

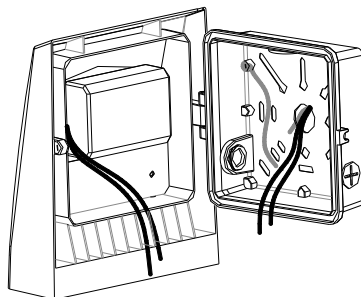


FIG.11

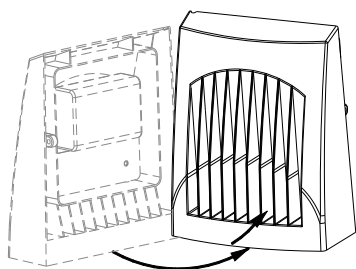
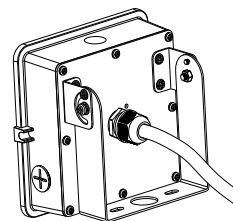


FIG.12

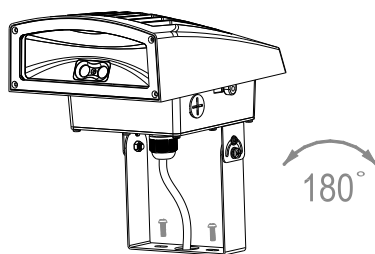


FIG.13

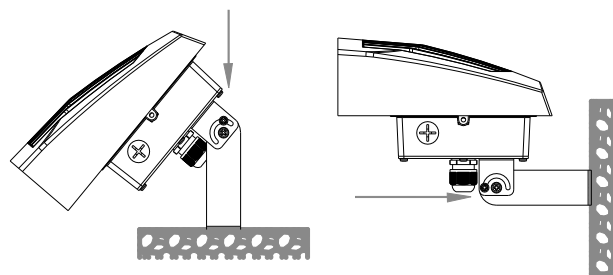


FIG.14

STEP 1

Screw the Bracket Mounting Kit on the back box. (FIG. 10)

STEP 2

Open the back box, put the wires (SJTW 18AWG/3C not provided) into the back box from the strain relief (not provided) twist the strain relief tightly (FIG. 11), refer to FIG. 4 or FIG. 5 for wiring.

STEP 3

Lock the enclosure (FIG. 12), secure the Bracket Mounting Kit onto the mounting surface and adjusted the fixture direction. (FIG. 13, 14)

AFTER INSTALLATION IS COMPLETE, PLEASE CHECK THE FOLLOWING:

- Check whether the lighting fixture is firmly fixed.
- Check whether wires are connected correctly.

At last, turn on the power, and check if the lighting fixture works properly. If not, turn off the power and contact your local dealer.

WARNING: The luminaire shall be installed by qualified electrician.