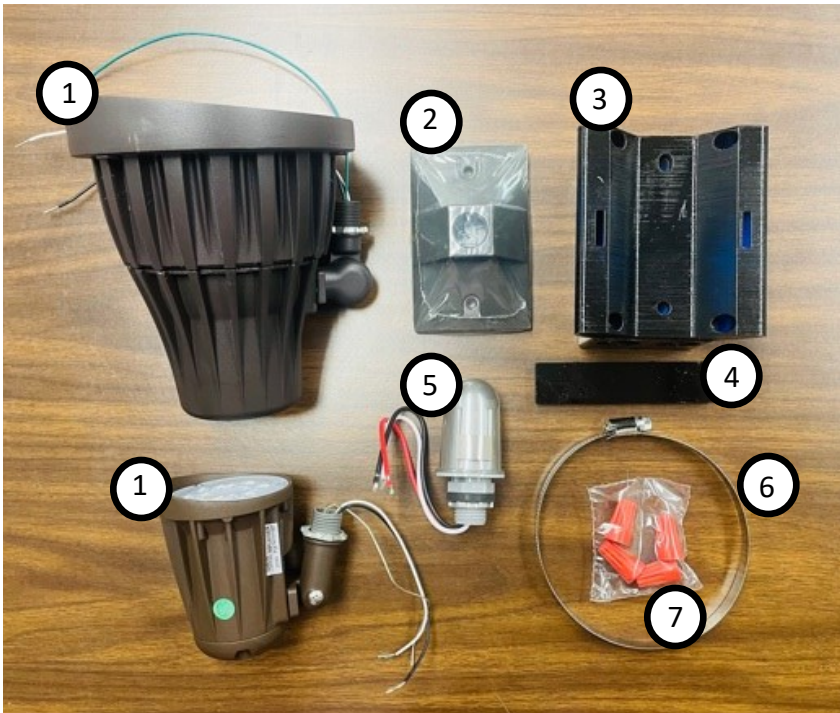


Patriot Flagpole

Light Kit

Instructions

The contents of the flagpole light kit include:



- 1) 30 Watt LED light or 15 Watt LED light
- 2) Faceplate cover
- 3) Flagpole bracket and electrical box
- 4) Bracket insert for 4-6" diameter flagpole
- 5) Photo-electric cell
- 6) Cable clamp
- 7) Wire connectors

1. Insert the cable clamp through the slot in the flagpole bracket.
2. Screw the photo-cell into the top of the electrical box. The rubber gasket is placed on top of the box, and the threaded ring secures the cell to the electrical box from above the gasket. The photo-cell must be upright.
3. Before screwing the cover to the electrical box, screw the LED spotlight into the 1/2 inch NPS threaded hole.
4. If using a cable for power, screw the cable holder into the 1/2 inch NPS threaded hole in the bottom of the electrical box. Insert the exterior light cord into the cable holder and tighten.
5. If using electrical conduit, fasten the conduit to the bottom of the electrical box and feed lead wire.
6. Use the wire connectors to make the electrical connections for power, light, photo-cell, and ground.
7. See the diagram below to make connections. (A licensed electrician should be used for connections).
8. When wire connections are complete, screw the faceplate cover to the electrical box.
9. Use the cable clamp to secure the unit to the flagpole at the height desired. The bracket is designed for your flagpole diameter. Use the insert for 4, 5, and 6 inch diameter flag poles.
10. Move slide bar to cover cell for earlier turn on-off and later turn -off. Move slide to expose cell for later turn-on and earlier turn-off.

See Page 2 for further installation instructions.

PROBLEM	SOLUTION
Occasionally, lamp will not turn on after dark.	Artificial light may be shining on the photo-cell "eye." Turn the eye away from this light.
Lamp switches ON & OFF after dark.	The "eye" may be exposed to the lamp it is controlling. Shade the eye away from this eye.
Lamp switches ON & OFF during the day, but stays on all night.	Line and lamp may be reversed. Switch them around.
Light switches off some mornings but not others.	The "eye" is probably shaded too much and needs to be reoriented or possibly removed from the obstruction.

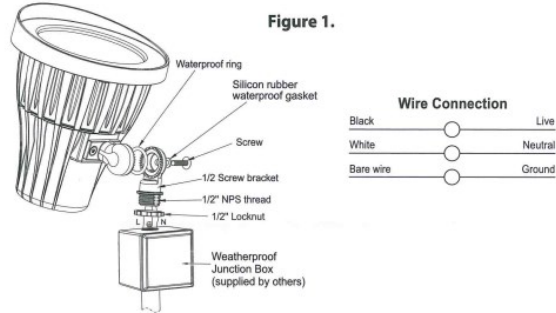
30 Watt Light Instructions

Installation Guide

1/2" NPS Knuckle Mount (Figure 1.)
 optional ground stake mount
 pole top fitter mount

1. Install the fixture by knuckle bracket on the weatherproof Junction Box(supplied by others),and secure it by 1/2" locknut.
2. Make electrical connections from the supply ground (L/N/GND) lead to fixture ground (L/N/GND) lead respectively, making sure to follow all National Electrical Code and all applicable local codes and ordinances
3. Aim fixture by loosening screw on knuckle of fitter and rotating fixture to desired tilt angle. Re-tighten screw.
4. While making electrical connections, ensuring water does not enter fixture through 1/2" fitter.
5. Installation and service of luminaires should be performed by a qualified licensed electrician.

CAUTION: Seal the 1/2 " NPS thread using weatherproof silicone sealant while installing. This is especially important.



TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly.
3. Be sure the photocell, if used, is functioning properly.

15 Watt Light Instructions

Secure service wire or conduit to the wiring compartment cover with 1/2" connector (not provided). Connect white fixture wire to white supply wire, black fixture wire to black supply wire. Service ground should be attached to green ground screw provided. Ground must be properly attached to avoid the risk of electrical shock. Use wire nuts, crimp-on lugs, or other approved devices to connect all wires, make sure connections are secure and that no loose wire strands are sticking out of connectors, Secure wiring compartment cover to fixture. With black and white connections inside the wiring compartment. Use UL and CUL Listed flexible steel waterproof conduit in trade sizes 1/2 and UL and CUL Listed Water-proof outlet box cove.

After installation, please

- 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 well. If not, please turn off the power and contact with local dealer.

Photo-cell Instructions

1. Use minimum 14-2 UF-B W/G wire protected by a 15A breaker to supply the Flag Pole Light.
2. The Electrical Box and the Flag Pole Light must be grounded through the UF-B wire.
3. Orient the photocell shutter sideways to the light beam and away from the sun.
4. If conduit from the Electrical Box is terminated underground, seal the end of the conduit before burial to prevent ants from nesting in the Electrical Box.
5. Because the light will reflect off of the flag pole, neighbors will appreciate the light being behind the flag pole from them.

