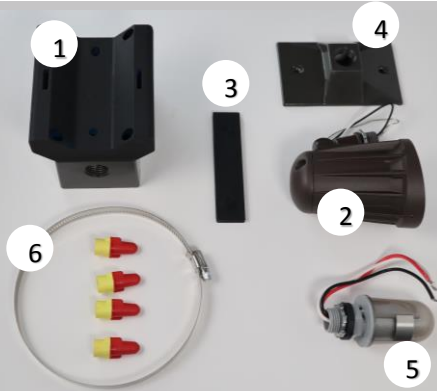


Patriot Flag Pole

Light Kit

INSTRUCTIONS

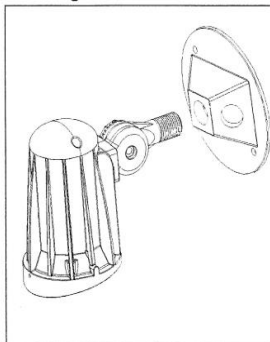
The contents of the flag pole light kit include:



- 1) Flag pole bracket and cable clamp
- 2) LED light - 15 or 28 watt
- 3) Insert for bracket for 4 or 5 inch diameter flag pole
- 4) Electrical box
- 5) Photo-electric cell
- 6) 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 three wire connectors to make the electrical connections for power, light, photo-cell, and ground.
7. See the diagram at right 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 fits 3 inch diameter flag poles. Inserts are available to fit 4 and 5 inch flagpoles, and other diameters can be custom made at no cost.

The bracket fits 3 inch diameter flag poles. Inserts are available to fit 4 and 5 inch poles. Inserts for custom size flag poles larger than 5 inch diameter can be ordered.



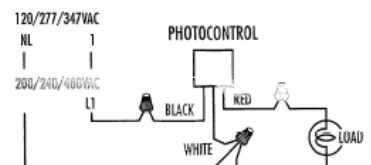
Secure service wire or conduit to the wiring compartment cover with 1/2" connector (not provided). Connect white fixture wire to white supply wire, black fixture wire to black supply wire. Service ground should be attached to green ground screw provided. Ground must be properly attached to avoid the 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 cover.

FIGURE 1



WIRING DIAGRAM

FOR SINGLE VOLTAGE MODELS



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.

TROUBLESHOOTING TIPS

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

Warning:

To avoid explosion:

- Make sure the supply voltage is the same as the rated luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Keep lens tightly closed when in operation.



Warranty

Flute Master LLC warrants that all Patriot Flag Pole articles or products agreed to, and acknowledged, by this Acknowledgment shall be free from defects in material and manufacture under the terms set forth herein. It is purchaser's responsibility to thoroughly test all articles or product in Buyer's specific application to determine its performance, effectiveness and safety. Flute Master LLC EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Flute Master LLC WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE ARISING OUT OF THE USE PURCHASED BY THE BUYER. Flute Master LLC makes no representation or warranty of any kind. This warranty is extended only to the original Buyer, and limited to replacing or repairing any products directly sold by Flute Master LLC for a period of one year, commencing on the date of delivery. Parts are guaranteed for one year from date of purchase, unless incorrectly installed or by storm.