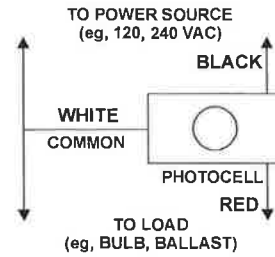




INSTALLATION INSTRUCTIONS
for your
LightWatchman®

Photoelectric Switch

Use the LightWatchman® as you would a toggle or canopy switch, whenever you want to turn a light on-at-dusk and off-at-dawn.



WIRING DIAGRAM

MODEL	VOLTAGE	WATTS
7001	105-135V	1000W
7002	200-250V	1000W
7003	250-300V	1000W

• NOT SURGE PROTECTED •

CAUTION: Be sure that power is turned off at the fuse or breaker box before installing LightWatchman®. All metal enclosures such as posts, fixtures and boxes should be grounded in accordance with good electrical practice. These wire connectors are suitable for use with copper wire only.

INSTALLATION: Mount LightWatchman® through 11/16 inch (17.50 mm) diameter hole [3/8 inch (9.50 mm) conduit size knockout] or into 3/8-18 NPSM threaded opening. Secure in position with moderate pressure on lock nuts. DO NOT over tighten locknuts.

MOUNTING POSITION: The light sensitive cell should be mounted so that it is exposed to full daylight but is not exposed to any artificial light source. The LightWatchman® may be mounted horizontal or vertical, and is insensitive to vibration.

**NOTE: DO NOT MOUNT LEADS UP – WATER CAN ENTER UNIT!
WATER DAMAGE WILL VOID WARRANTY**

RECOMMENDED OPERATING TEMPERATURE: -55°C to +70°C MAX.

FOR BEST OPERATION LOCATE YOUR *LightWatchman®* AWAY FROM:

HEAVY DAYTIME SHADOWS

The Lightwatchman® requires sufficient daytime light to turn off the light. Dark areas where sufficient light may not be present are under low overhanging eaves and in shadows of trees, nearby buildings, etc. Test your unit before making a permanent installation if you have any doubt.

LIGHT REFLECTING SURFACES

Face the Lightwatchman® where reflected light from the controlled lamp will not strike the cell. This reflected light can cause the Lightwatchman® to blink on and off. Face the lighting fixture away from nearby objects.

STRONG LIGHT SOURCES

Face the Lightwatchman® away from strong light sources. The control should be pointed away from streetlights, windows, outdoor signs, and other sources of after-dark lighting.

OPERATIONAL CHECKLIST

Your LightWatchman® was tested at the factory and checked out perfectly. Many such units are often returned because the following instructions have not been followed. If your unit shows one of the following symptoms, please try the suggested remedy before assuming the control is defective. First be sure the power is turned on to the LightWatchman®.

SYMPTOM: Light stays on in daylight.

REMEDY: Make certain that the "eye" of the unit is exposed to bright daylight. Allow at least two minutes of exposure to continuous bright light to turn the light off. Make certain voltage at the unit is at least the minimum voltage indicated for that unit. Very long circuits to the post lantern may result in the unit not having adequate voltage to operate at specified levels.

SYMPTOM: Lamp will not turn on.

REMEDY: Check lamp bulb first. Face the "eye" away from other lights. Covering the "eye" with your fingers may not block out enough light to turn the unit on. Cover the "eye" completely with black tape and allow two minutes for the control to operate.

SYMPTOM: Light blinks in daytime and stays on at night.

REMEDY: Check wiring. Red and black leads may be reversed.

SYMPTOM: Lamp has been on. Lamp is turned off and will not re-light when turned on again.

REMEDY: Patience. Wait. Certain types of vapor lamps require a cooling period of as long as 10 minutes before they can be restarted.

LightWatchman® TWO-YEAR WARRANTY

Your LightWatchman® is warranted against defects in material and workmanship for a period of two years from date of manufacture. Lead wires on any returned unit must be at least 6" long or the warranty is VOID.

It is understood that the LightWatchman® will be used in accordance with the instruction sheet provided with each control and that the voltages will not exceed the limits specified for the control. RIPLEY PHOTOCENTROLS cannot assume responsibility for units damaged by voltage surges or lightning.

If after carefully reading the instruction sheet and inspecting your LightWatchman® it appears your unit does not operate properly, return it postpaid with proof of purchase to Ripley Photocontrols, Div. Of SouthConn Technologies, Inc, PO Box 7421, West Columbia, SC 29171, for inspection and replacement.