

DS-473A

Photocell Instruction For Installation



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Read Common Problems First

Do not face the photocell into the midday sun. If installed in the south side of a building, face east or west or point photo control down toward the ground. The best direction is to face the photo control is north.

Do not face the photocell where it can see artificial light. Light from windows, signs, street lights, etc., will cause the photo control not to switch on. The photo control should not be positioned so that it sees the light it is controlling (or reflected light). These conditions will cause the light to cycle on and off.

Do not install the photocell with wires up unless there is NO POSSIBILITY of water entering the photo control around the wires. The photo control must be installed in an approved weatherproof box. Do not attempt to caulk around the wires.

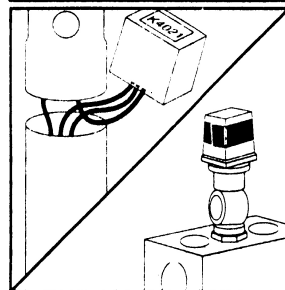
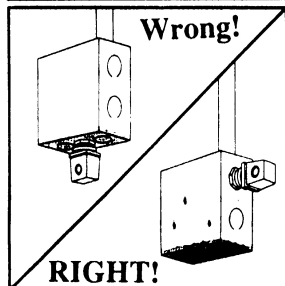
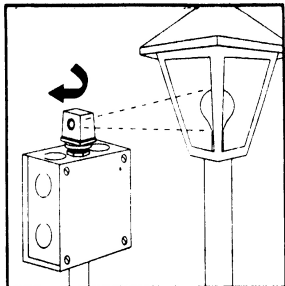
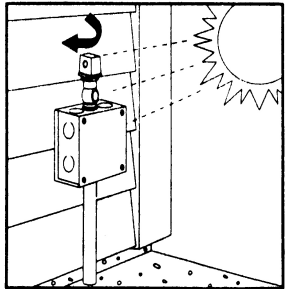
When you are testing the photo control, be sure to turn on the power (load will come on) and wait up to five (5) minutes for photocell to switch load off. For further testing cover the photo control completely with black tape or another dark material to simulate night conditions. If you can't cover the control with tape, try covering the control with the shipping box carton to simulate night conditions.

Specifications:

Operating Temperature Range:	-40°F to 158°F (-40°C to 70°C)
Voltage:	120
Frequency:	50 or 60 HZ
Rating:	1800 VA / 15 AMPS

Installation Instruction:

1. Turn power off.
2. Line voltage must be the same as indicated on the control label. **Check it!**
3. Select a location or mount the photo control so that the artificial light doesn't cause the unit to turn off. Do not install the photo control so that it directly faces the midday sun. See Common problems 1, 2, and 3 above.
4. The photo control can be mounted on any approved outdoor junction box or fixture. Recommend maximum distance that a photocell may be mounted from lights is 50ft.
5. Wire the photo control according to the illustration.
6. Switch power on. The controlled load should turn on regardless of whether you are installing the unit during the day or night.
7. If it is daylight the control should switch off within a few minutes.



Diagram

