

# FAA/FCC Obstruction Light Photoelectric Controller

## MODEL - 502-1 Series

FAA-Instr-1-10

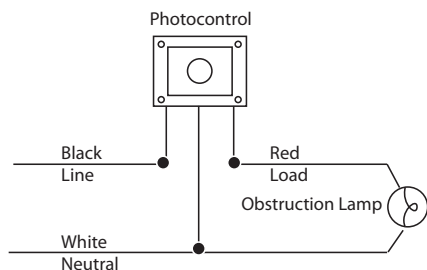
### Installation Instructions

Precision has been manufacturing photocontrols for over 50 years and provides the best value to the industry. Don't overpay for features that you will never use.

The 502-1 is easy to install on standard 4-3/4 x 4-3/4 splice boxes (Appleton FCD-2-75A, Killark 2FDC-2, Crouse Hinds FD-225SA). Please note on the backside of the control housing there are four sets of holes. The outside holes (those nearest the outside flange) are for the standard 4-3/4 x 4-3/4 splice box stocked by electrical distributors. The inside holes are for replacing existing Crouse Hinds obstruction controls only. Please note the differences and punch out only the holes you will require for your installation. Weather tight gasket is in place and mounting screws are provided.

### Electrical Wiring

The color-coded 3-wire hookup is very simple and can be done with wire nuts. See Dia. 1,



### Installation Procedures

1. Power off.
2. Remove old control (if replacement)
3. Check mounting holes and punch out only the holes that match.
4. Wire up according to Dia. 1.
5. Mount on splice box and secure screws/
6. Turn power on.

The control will have a time delay of approximately 5 seconds on the switching off function to prevent any false switching of the warning lights at night time.

To test control place hand over window.

### Specifications

- For 120V, 60 Hz applications
- Switch load capacity SPST NC 10 Amps
- Weather Tight
- Surge Protection
- Switches on at 35 fcs and off at 60 fcs, conforming with FAA/FCC requirements
- Stable Electronic Circuitry
- ABS Plastic Housing with gasket

Precision also manufactures 30 Amp direct photocontrols for all Hughey & Phillips, Unimar, Crouse Hinds and ABB/SAC model numbers.

Please check the Precision website at [www.precisionmulticontrols.com](http://www.precisionmulticontrols.com) for more controls to save energy. Live customer service always available 9 am to 5pm E.S.T., call 1 (800) 775-5862.

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