

## K4100 & K4400 Series

### Stem Mounting

The K4100 & K4400 Series Photo Controls feature stem mounting, thermal-type, controls with single and multi-voltage models. Thermal-type photo controls provide dusk-to-dawn lighting control and a delay action, which eliminates loads switching OFF due to car headlights, and lightning. The thermal-type controls feature a cadmium sulfide photocell and a sonic-welded polycarbonate case and lens to seal out moisture. The design utilizes a dual temperature compensating bimetal and composite resistor for reliable long life operation over ambient temperature extremes. These models are California Title 24 compliant.

### Features

- Cadmium sulfide photocell
- Sonic welded polycarbonate housing and lens to seal out moisture
- Delay action eliminates load switching OFF due to car headlights, and lightning
- 6" leads
- Light level slide adjustment
- Controls come with a washer gasket and locking nut
- "M" Models are heavy duty die cast housings

### Ratings

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Size:                  | 1 $\frac{9}{16}$ " (4.0 cm) square, 3" (7.6 cm) long<br>Models with "M"- 1 $\frac{15}{16}$ " (4.9 cm) square, 3 $\frac{3}{4}$ " (9.5 cm) long |
| Color:                 | Gray                                                                                                                                          |
| Electrical Rating:     | See table                                                                                                                                     |
| Activation:            | 1-5 FC ON; 3-15 FC OFF<br>(photo eye clear on models with shield)                                                                             |
| Power Consumption:     | Averages under 1 Watt                                                                                                                         |
| Operating Temperature: | -40°F to 158°F (-40°C to 70°C)                                                                                                                |
| Shipping Weight:       | .14 lb. (.06 kg)<br>Models with "M"- .62 lb (.28 kg)                                                                                          |
| Agency Listing:        | See table                                                                                                                                     |

Project: \_\_\_\_\_

Location: \_\_\_\_\_

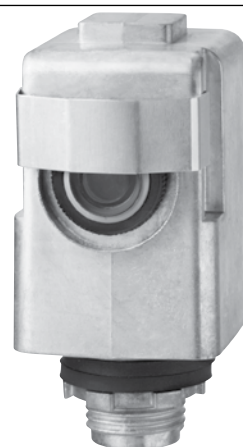
Product Type: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Model #: \_\_\_\_\_



K4121C, K4123C, K4127, K4135, K4141C



K4136M, K4421M, K4423M

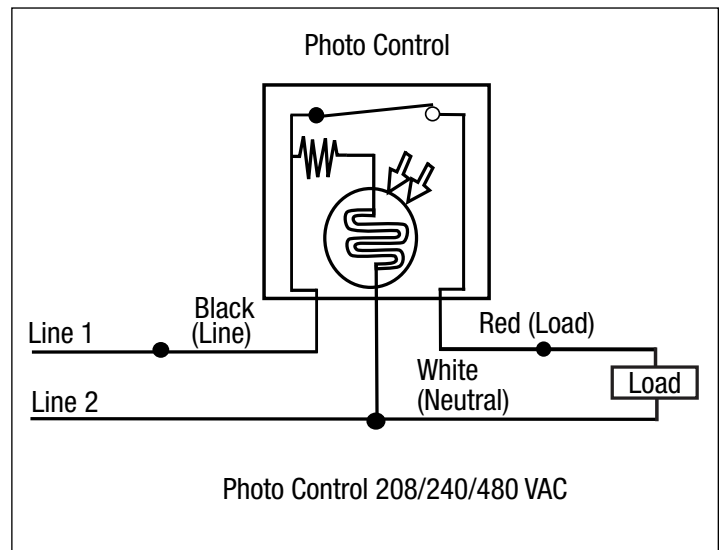
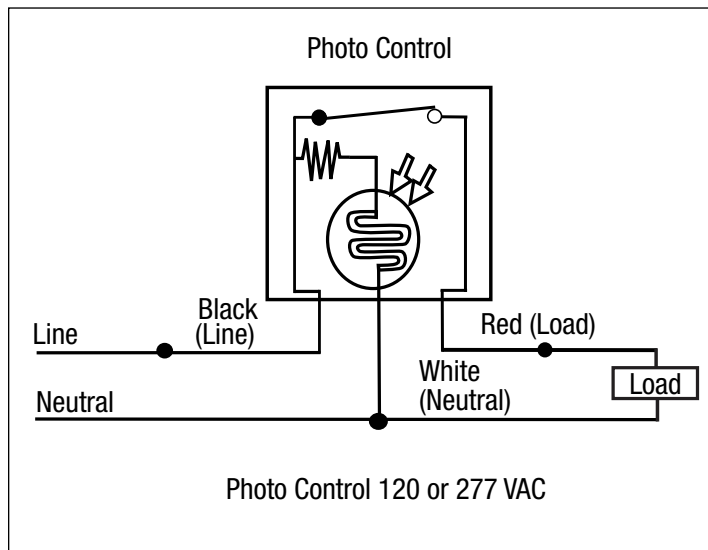
| Model Number | Tungsten (Watts) | Ballast (VA) | Tungsten (Amps) | Ballast (Amps) | VAC        | Agency Listing |
|--------------|------------------|--------------|-----------------|----------------|------------|----------------|
| K4121C       | 1800             | 1000         | 15              | 8.3            | 120        | UL             |
| K4421M       | 1800             | 1000         | 15              | 8.3            | 120        | CSA, C/UL      |
| K4123C       | 3100-4150        | 1700-2300    | 15              | 8.3            | 208-277    | CSA, C/UL      |
| K4423M       | 3100-4150        | 1700-2300    | 15              | 8.3            | 208-277    | UL, CSA        |
| K4127        | 5205             | 2880         | 15              | 8.3            | 347        | CSA, C/UL      |
| *K4135       | 7200             | 4000         | 15              | 8.3            | 480        |                |
| *K4136M      | 2000-4625        | 1800-4150    | 16.7            | 15             | 120 or 277 |                |
| *K4141C      | 3000             | 3000         | 25              | 25             | 120        |                |

\*Models are not agency certified

## Specification

The photo control shall provide automatic switching for outdoor lighting loads. The control shall be a thermal design with built-in delay to ensure that the controlled lighting does not switch off due to ambient light or light striking the photocell. The photo control shall have a rating of \_\_\_\_ Watts and \_\_\_\_ Amps tungsten and \_\_\_\_ Watts and \_\_\_\_ Amps ballast based on agency testing at 50% power factor for ballast loads. The photo control shall provide switching for nominal voltage fixtures of \_\_\_\_ Volts  $\pm 10\%$  to accommodate fluctuations in supply voltage. The photo control shall be the stem mounting type, with all necessary mounting hardware and instructions. The photo control housing shall be constructed of \_\_\_\_\_ (polycarbonate)(die cast metal). The photo control components shall consist of a metal film resistor, dual temperature compensating bi-metal blades, snap action contact blades, chemically treated/polymer encapsulated cadmium sulfide photocell and silver alloy contacts to ensure reliable operation. The photo control shall be 100% factory tested for function within specified light levels. The photo control shall be agency certified (unless otherwise noted) and tested accordingly. The photo control shall function over temperature range of  $-40^{\circ}\text{F}$  to  $158^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ ). The photo control shall be Intermatic model \_\_\_\_\_ (See Model Numbers Listed).

## Diagrams



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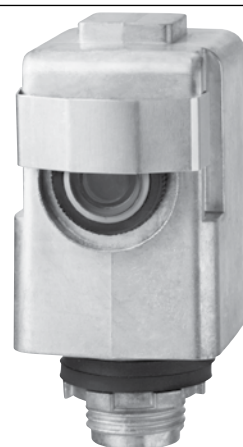
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