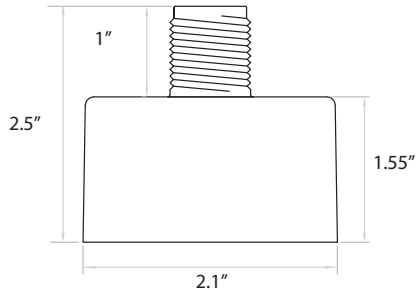


B Series

Electronic direct wire-in
photocontrols



"The Performance of an Electronic Twist-lock in a Button Control"



B Series Photocontrols

B Series electronic "button type" photocontrols have the same features and performance of electronic twist-lock photocontrols. Energy efficiency is maintained with tight On/Off ratios and "non-drift operation". Maintenance costs are reduced through a cool running DC circuit. Life expectancy is up to three times longer than traditional heat generating thermal relay designs. The B Series uses the same field proven electronic circuit design as is used in Sun-Tech high performance twist-lock photocontrols.

Features

- Meets or exceeds ANSI C136.10
- Proven DC circuit design
- Close 1:1.5 on to off operating ratio
- Non-chatter load break
- Surge Protected Electronic Circuit
- Heavy duty construction

Benefits

- 12 year expected life.
- Low power consumption and extended life from "cool" operating DC circuit
- Close ratio reduces burning hours at sunrise
- Extended life and accuracy from non-drift operation throughout its life
- Significantly reduced energy and maintenance costs

Ordering Information

B120 - 1.0 - P - T - M

Model #	Turn On	Photosensor	Time Delay	Surge Protection
B120 (105-130V)	1.0 fcs. On	S CdS Photocell	T 3-5 sec. Delay	M 190 MOV
B124 (105-305V)	1.5 fcs. On	P Phototransistor		
B240 (195-305V)	2.0 fcs On			

Extended Time Delay Available - Contact Factory

Specifications

Housing:	UV Stabilized, high temp / high impact polycarbonate
Window:	UV Stabilized, high temp / high impact polycarbonate
Lead Wires:	#18 AWG, 12" long
Packaging:	Packed in individual unit cartons
Weight:	3.0 oz. each, 20 lbs. 100 carton
Carton Size:	16" x 16" x12" Master carton 100 pieces

Operating Voltage

Load Rating:	1000 Watt tungsten, 1800 VA
Life at rated load:	5,000 Operations (13.7 Years)
Power Consumption:	1.0 watts average @ 120 volts 1.6 watts average @ 208 volts 1.9 watts average @ 240 volts 2.1 watts average @ 277 volts
Moisture Resistance:	100% RH
Standard Surge Protections:	160J, 6500A Minimum
Operating Light Levels:	+/- 0.1 fc. from specified turn-on level 1:1.5 Average turn-on to turn-off ratio
Photosensor:	- Conformally coated cadmium sulfide photocell - Encapsulated phototransistor
Dielectric Strength:	5,000 Volts between any current carrying part
Ambient Temperature Range:	-40°C to +70°C (-40°F to + 158°F)