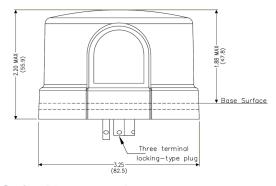
# S Series Solid State Photocontrol (HID)





## **S Series Photocontrols**

S Series electronic photocontrols are designed for HID luminaire operations and utilize a unique light sensor with a spectral response which mirrors the visible light spectrum of the human eye. The S Series photocontrols are not susceptible to operational "drift" caused by harsh environments or by overheating. Extended life is achieved through a non-chatter load break from a low power consumption DC circuit.

#### **Features**

- Meets or exceeds ANSI C136.10
- Proven DC circuit design
- Close 1:1.5 On to Off operating ratio
- Non-chatter load break
- · Phototransistor operates with visible light spectrum
- 12 year expected life
- Low power consumption = extended life
- · Close ratio reduces burning hours at sunrise
- Significantly reduced energy and maintenance costs

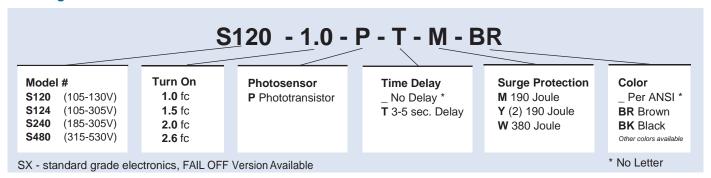
## **Specifications**

Housing:	UV stabilized, impact resistant polypropylene
Base:	High temperature ABS
Contact Blades:	Solid brass, three prong, locking type
Gasket:	Cross linked polyethylene
Packaging:	Individual units are sealed in water resistant plastic
Weight:	3.0 oz. each, 20 lbs. per 100 unit carton
Size:	16" x 16" x 12" per 100 unit carton

## **Operating Voltage**

Load Rating:	1000 Watt tungsten, 1800 VA
Life at rated load:	5,000 Operations (13.7Years)
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
Surge Protections:	<ul><li>190 Joule (6,500 Amps) MOV</li><li>(2) 190 Joule (13,000 Amps) MOV</li><li>380 Joule (10,000 Amps) MOV</li></ul>
Operating Light Levels:	+/- 0.1 fc. from specified turn-on level 1:1.5 Average turn-on to turn-off ratio
Photosensor:	Encapsulated phototransistor
Dielectric Strength:	5,000 Volts between any current carrying part
Ambient Temp. Range:	-40°C to +70°C (-40°F to + 158°F)

### **Ordering Information**



## Not recommended for LED installations

The information in this document is provided for informational use only and is subject to change without notice.

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