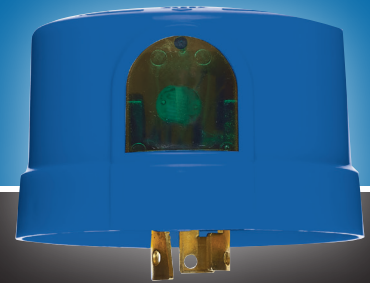
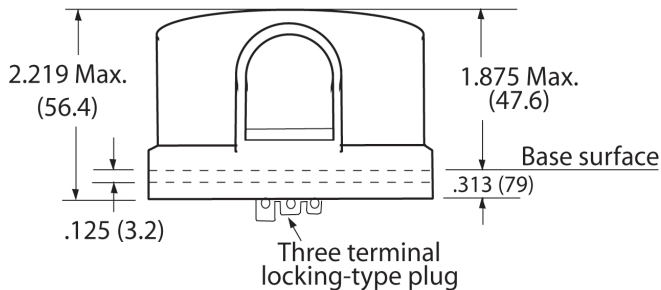


ST 7700 Series

Replacement of
mechanical
photocontrols



"Competitively Priced Twist-lock Photocontrols"



ST7700 Series

ST7700 Series photocontrols are constructed with cost effective materials and are designed specifically to replace mechanical photocontrols. The ST7700 Series can be expected to have better On to Off ratios, a higher level of reliability, and longer life than mechanical designs.

Features

- Meets or exceeds ANSI C136.10
- Heavy Duty Relay
- Average 3:1 On to Off ratio
- Non-chatter load break

Benefits

- Industry Standard Operating Levels
- Extended relay life from non-chatter load break
- Close ratio reduces burning hours at sunrise
- Extended photocell life from low voltage DC
- Reduced 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
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 (13.7 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:	Minimum 160J, 6500A
Operating Light Levels:	+/- 0.25 fc. from specified turn-on level 3:1 Average turn-on to turn-off ratio
Photosensor:	- Conformally coated cadmium sulfide - Photo transistor
Dielectric Strength:	5,000 Volts between any current carrying part
Ambient Temperature Range:	-40°C to +70°C (-40°F to + 158°F)

Ordering Information

ST7760 - M - S - S - TD

Model

ST7760 (105 - 130V)
ST7790B (105 - 305V)
ST7772 (195 - 305V)
ST7794 (420 - 530V)

Surge Protector

S Surge Protected
E 380 Joule
M 160J MOV

Photosensor

S Cadmium Sulfide or Phototransistor
P Phototransistor

Turn-On Level

S 1.0 fc. On

Time Delay

_ No Delay*
TD 3-5 Second

FAIL OFF Version Available

* No Letter