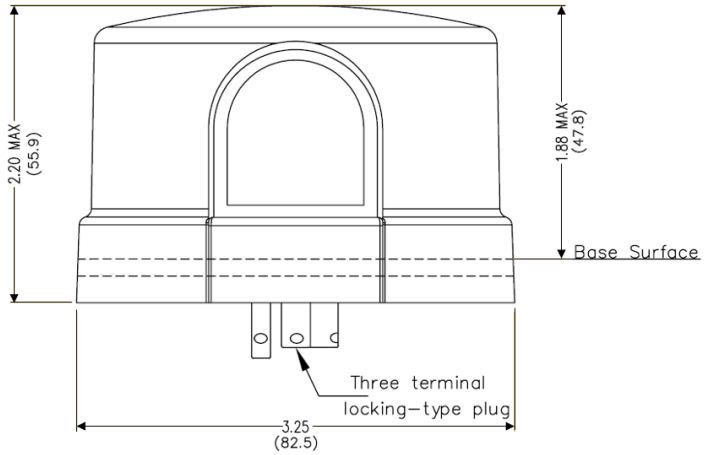
FP Outdoor Lighting Controls
Quality Electrical Products

Sun - Tech
Sunrise Technologies, Inc.

ST 7700 Series Photocontrols (HID)



ST7700 Series

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

Features and Benefits

- Meets or exceeds ANSI C136.10 specifications
- Extended life with Heavy Duty Relay
- Non-chatter load break
- Reduced maintenance costs
- Replaces electromechanical photocontrols

Application

Series FP7700 state-of-the-art, controls are designed for industrial, commercial, street and highway luminaires equipped with locking-type receptacles. The control's "easy-to-test" instant ON feature makes it ideal for HID lighting in hard to reach locations.

Specifications

Photocell:	Encapsulated Silicone Sensor
Housing:	UV-resistant, high-impact, polypropylene cover with clear UV-stabilized high impact Polycarbonate window. Meets ANSI / cUL color-coded standards
Turn-On:	1.0 footcandle (fc) nominal
Turn-On/Off Ratio:	1:1.5 Average turn-on to turn-off ratio
Rated Life:	5,000 operations minimum at rated load
Temperature Range:	-40ºC to +70ºC (-40ºF to +158ºF)
Dimensions:	3.078" Dia.; 2.219"H
Surge Protection	▪ 190 Joule (6,500 Amps) MOV ▪ 380 Joule (10,000 Amps) MOV

Ordering Information

ST7790B - E S S - BK

Operating Voltage	
ST7760	105 - 130 Vac
ST7772	185 - 305 Vac
ST7790B	105 - 305 Vac
ST7793	347 Vac
ST7794	480 Vac

Surge Protection	
S	190 Joule
M	190 Joule
E	380 Joule

Photocell	
S	Cds replacement
P	Silicon

Turn-On Foot Candles	
S	1.0 fc
5	2.0 fc
7	3.0 fc
9	4.0 fc

Globe Cover Color	
GY	Gray (120V Std)
MR	Maroon (240V Std)
BL	Blue (105-305V Std)
BK	Black
BR	Brown
GR	Green (347V Std)
YE	Yellow (480V Std)

Note: FAIL OFF version available upon request

Not recommended for LED installations

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