



### FP7700 Series locking-type photoelectric control

The FP7700 Series locking-type photoelectric controls are designed to meet stringent electric utility requirements for roadway lighting.

These photoelectric controls have provided more hours of dependable operation than any other photocontrol. Conservatively rated for 5,000 operations (13 years) on loads of 1800VA, the FP7700 Series is the industry standard.

The FP7700 Series is a highly reliable control. A wide, crosslinked polyethylene gasket assures weatherproof sealing with the luminaire socket.

### 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

<b>Photocell:</b>	Encapsulated Silicone Sensor
<b>Housing:</b>	UV-resistant, high-impact, polypropylene cover with clear UV-stabilized high impact Polycarbonate window. Meets ANSI / cUL color-coded standards
<b>Turn-On:</b>	1 footcandle (fc) nominal
<b>Turn-On/Off Ratio:</b>	1:1.5 Average turn-on to turn-off ratio
<b>Rated Life:</b>	5,000 operations minimum at rated load
<b>Temperature Range:</b>	-40°C to +70°C (-40°F to +158°F)
<b>Dimensions:</b>	3.078" Dia.; 2.219"H
<b>Surge Protection</b>	<ul style="list-style-type: none"> <li>▪ 190 Joule (6,500 Amps) MOV</li> <li>▪ 380 Joule (10,000 Amps) MOV</li> </ul>

### Ordering Information

## FP7790B - H E P S - TD - BK

Operating Voltage	
FP7760	120 Vac
FP7772	185 - 305 Vac
FP7790B	105 - 305 Vac
FP7793	347 Vac
FP7794	480 Vac

Surge Protection	
S	190 Joule
M	190 Joule
E	380 Joule

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)

Sensor / Photocontrol Options	
No Letter	North Facing Silicon Sensor
H	Upward facing Omnidirectional Silicon Sensor
RA	Reverse Acting photocontrol (not CUL Listed)
FAA	Turn On @ 35fc, Turn Off @ 52fc, (not CUL listed)

Photocell	
S	Cds replacement
P	Silicon

Turn Off Delay	
--	Standard
TD	Time Delay

Note: FAIL OFF version available upon request

**Not recommended for LED installations**

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