



**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**

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Note: FAIL OFF version available upon request

**Not recommended for LED installations**