

# Locking-Type Photoelectric Controls & Accessories

## N7700 Series



The N7700 Series locking-type photoelectric controls are designed to meet electric utility stringent 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 N7700 Series is the industry standard.

The N7760 unit is a low-cost, highly reliable 120V control. A wide, crosslinked polyethylene gasket assures weatherproof sealing with the luminaire socket.

### Application

Series 7700 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. The Series N7790 multivoltage units are ideal for the "right for any job" function desired by electrical contractors.

### Specifications

**Photocell:**

Conformally coated cadmium sulfide photocell

**Housing:**

UV-resistant, high-impact, polypropylene cover with clear UV-stabilized window. Meets ANSI color-coded standards.

**Base:**

High temp ABS (3" dia.)

**Turn-On:**

1 footcandle (fc) nominal.

**Turn-On:Turn-Off Ratio:**

1:5

**Rated Life:**

5,000 operations minimum at rated load.

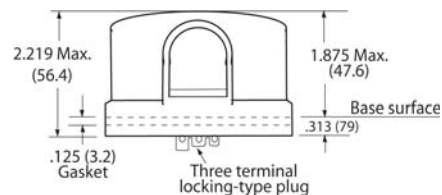
**Temperature Range:**

- 40° to + 70°C  
- 40° to + 158°F

**Dimensions:**

3.078" Dia.; 2.219"H.

### N7700 Series Mechanical Diagram



### Ordering Information

Model	Line Voltage	160j MOV	Standard Photocell	Photo Transistor Sealed Photocell	HID Load Rating	Tungsten Load Rating
FPN7760*	120V		X		1800VA	1000W
FPN7772*	195-305V		X		1800VA	1000W
FPN7790B*	105-285V		X		1800VA	1000W
FPN7794**	480V	X		X	1800VA	1000W
FP7790B-RA***	120V	X		X	1800VA	1000W

\*UL Listed.

\*\* Not UL Listed

\*\*\* Reverse acting photocontrol