



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

Photocell:	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 footcandle (fc) nominal
Turn-On/Off Ratio:	1.5:1
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
Surge Protection	190 MOV joule rating

Ordering Information

Model	Line Voltage	HID Load Rating	Tungsten Load Rating
FP7760-SSS (FPN7760 = cUL Listed)	105-130 V	1800VA	1000W
FP7772 (FPN7772 = cUL Listed)	195-305 V	1800VA	1000W
FP7790B-SSS (FPN7790B = cUL Listed)	105-305 V	1800VA	1000W
FP7794	315-530 V	1800VA	1000W
FP7790B-RA*	105-305 V	1800VA	1000W

* Reverse acting photocontrol

Not recommended for LED installations

The information in this document is provided for informational use only and is subject to change without notice.

© 2023 by Sunrise Technologies, Inc. All rights reserved.