



Twist-Lock Photoelectric Controls

The FP-7700 Series locking type photoelectric controls are designed to meet electric utility stringent requirements for roadway lighting.

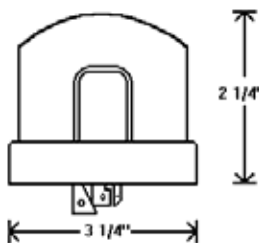
The photoelectric controls have provided more hours of dependable operation than any other photocontrol. Conservatively rated for 5,000 operations (13 years) on loads of 1800 VA, the FP-7700 Series is the industry standard.

The FP-7760 unit is a low-cost, highly reliable 120V control. A deluxe arrester is available for use in areas having high lightning activity. A wide, cross-linked polyethylene gasket assures weatherproof sealing with the luminaire socket.

Application:

Series FP-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/OFF feature makes it ideal for HID lighting in hard to reach locations. The Series FP-7700 multivoltage units are ideal for the "right for any job" function desired by electrical contractors.

MECHANICAL DATA



Housing:	UV stabilized impact resistant polypropylene.
Base:	High temperature ABS.
Contact Blades:	Solid brass, three prong, locking type.
Gasket:	Cross linked polyethylene
Packaging:	Individual units are sealed in water resistant plastic.
Weight:	3.0 oz. each, 20 lbs. per 100 unit carton.
Size:	16" x 16" x 12" per 100 unit carton.

SPECIFICATIONS

Input Voltage Options: 105-130Vac, 50/60 Hz, 185-305Vac, 50-60 Hz, 105-305Vac, 50/60 Hz, 420-530VAC, 50/60 Hz	Housing: High impact polypropylene cover with clear UV-stabilized window. Meets ANSI color-coded standards.
Load Switching Capability: 5,000 operations minimum at rated load	Operating Temperature: -40_C to +70_C Humidity: 99% RH at 50_C
Rated Load: 1,000W/1,800VA	Turn On to Turn Off Ratio: 1:1.5 Standard
Sensor Type: Cadmium Sulfide (CdS) or Hermetically Sealed Photo-transistor	Surge Protection: 190J Standard, 380J Option

Ordering Information for Accuswitch™ FP 877 1 B - E B B A

Code	Basic Model Description
877	Base Model Accuswitch, Sealed Silicon Sensor

Code	Voltage/Frequency
1	105 - 135 Vac 50/60 Hz
2	200 - 300 Vac 50/60 Hz
3	105 - 285 Vac 50/60 Hz

Code	Factory Code
B	Factory Code

Code	Lightning/Surge Protection
E	380 Joules
M	160 Joules

Code	Turn On (FootCandles)
B	1.0 +/- 0.2
C	1.5 +/- 0.2
D	2.0 +/- 0.2
E	2.5 +/- 0.2
F	3.0 +/- 0.2

Code	Turn-Off (Ratio, Off to Turn On)
A-E	0.6 to 1 (inverse)
M	1 to 1

Code	Globe Color Description
A	Dark Gray standard for 120V
B	Maroon standard for 240V
C	Blue standard for 120/240V
D	Black
E	Brown
F	Green
G	Yellow

Ordering Information for Nightstar™ FP 767 1 C M B B A

Code	Basic Model Description
767	Electronic outdoor lighting control

Code	Voltage Rating
1	105 - 130 Vac
2	185 - 305 Vac
3	105 - 305 Vac
4	420 - 530 Vac

Code	Sensor Type
C	Silicon
D	Conformally coated Cds cell

Code	Lightning/Surge Protection
M	160 Joules
J	320 Joules

Code	Turn-On, Foot-Candles Description
B	1.0 +/- 0.2 fc
C	1.5 +/- 0.2 fc
D	2.6 +/- 0.2 fc

Code	Globe Color Description
A	Gray standard for 120Vac
B	Maroon standard for 240Vac
C	Blue standard for 105 - 305Vac
D	Black
E	Brown
F	Green
G	Yellow standard for 480Vac

Code	Off to On Ratio Description
B-C	1.5

Ordering Information for Series 7700 FP 7760 H - N S S - P

Code	Basic Option
7760	Basic 120V Control
7762	Deluxe 120V Control
7770	Basic 240V Control
7772	Deluxe 240V Control
7790B	Basic Dual Volt Control
7792B	Deluxe Dual Volt Control
7793	Basic 350V Control
7794	Basic 480 Volt Control

Code	Lightning /Surge Protection
N	None
E	Deluxe
S	Standard
M	MOV

Code	Option
- -	Standard Model
P	Time Delay on Turn Off

Code	Turn on (foot candles)
S	1 nominal
5	2 nominal
7	3 nominal
9	4 nominal
10	6 nominal

Code	Globe Option
No Letter	Polypropylene, North Orientation
H	Upward Sensing, OmniDirectional Polycarbonate (Sky Scanner™)

Code	Photocell
S	Conformally coated Cds cell
P	Silicon

Ordering Information for FP Series: FP FP120 - M S S

Code	Basic Option
FP120	Basic 120V Control
FP208-277	Basic 208, 240, 277
FP240	Basic 240V Control

Code	Lightning/Surge Protection
M	MOV
S	Standard
E	Deluxe
N	None

Code	Turn on (foot candles)
S*	1 nominal
5	1.5 nominal
7	2 nominal
9	3 nominal
10	4 nominal

Other levels available, consult Factory.

Code	Photocell
S	Standard, conformally coated Cds cell
P	Silicon

*UL Approved