



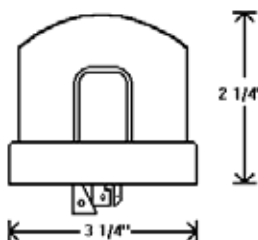
NIGHTSTAR ELECTRONIC ROADWAY PHOTOCONTROL

The Nightstar Sensor System enhanced electronic photocontrol provides consistent, reliable, repeatable switching. The Nightstar sets a new standard for light sensing. The performance of the Nightstar is unsurpassed, providing a long, maintenance-free life.

FEATURES & BENEFITS

- Full ANSI C136.10 Compliance
- Silicon Light Sensing Providing Consistent, Repeatable Operation
- D.C. Positively Switched Relay Exceeds ANSI Load Life Requirements
- Temperature Rated For Floodlighting Fixtures
- Fastest Delivery Time in the Industry
- Custom Stocking Programs Available

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	Operational Delay: Instant On, 2-5 Seconds Off
Load Switching Capability: 5,000 operations at ANSI specified load test levels	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: Filtered Silicon Available	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	Off to On Ratio Description
B-C	1.5

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

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

Code	Photocell
S	Conformally coated Cds cell
P	Silicon

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

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

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