Specifications

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

FP7600 Nightstar Series Photocontrols

The FP7600 Nightstar Series is designed from the ground up with an advanced Silicon phototransistor with electronic circuitry. The FP7600 series is for use with HID luminaire operations and is not susceptible to operational "drift" caused by harsh environments or by overheating. Extended life is achieved through a non-chatter load break from a low power consumption DC circuit.

Operating Voltage

Load Rating:	1000 Watt tungsten, 1800 VA
Life at rated load:	5,000 Operations (13.7 Years)
Power Consumption:	1.0 watts average @ 120 volts 1.6 watts average @ 208 volts 1.9 watts average @ 240 volts 2.1 watts average @ 277 volts
Moisture Resistance:	100% RH
Surge Protections:	▪ 190 Joule (6,500 Amps) MOV ▪ 380 Joule (10,000 Amps) MOV
Operating Light Levels:	+/- 0.1 fc. from specified turn-on level 1:1.5 Average turn-on to turn-off ratio
Photosensor:	Encapsulated phototransistor
Dielectric Strength:	5,000 Volts between any current carrying part
Ambient Temp. Range:	-40°C to +70°C (-40°F to + 158°F)

Features

- Meets or exceeds ANSI C136.10
- Proven DC circuit design
- Close 1:1.5 On to Off operating ratio
- Non-chatter load break
- Phototransistor maintains operational levels throughout its life
- 12 year expected life
- Low power consumption = extended life
- Close ratio reduces burning hours at sunrise
- Significantly reduced energy and maintenance costs

Ordering Information

FP7671C - M C B C

Operating Voltage	
FP7671B **FP7671C**	105 - 130 Vac
FP7672B **FP7672C**	185 - 305 Vac
FP7673B **FP7673C**	105 - 305 Vac
FP7674B **FP7674C**	315 - 530 Vac

Surge Protection	
M	190 Joule
E	380 Joule

Turn-On fc	
B	1.0 fc
C	1.5 fc

On / Off Ratio	
B	1:1.5
C	1:1.5

Globe Cover Color	
A	Gray (120V Std)
B	Maroon (240V Std)
C	Blue (105-305V Std)
D	Black
E	Brown
F	Green
G	Yellow (480V Std)

Note: FAIL OFF version available upon request

Not recommended for LED installations