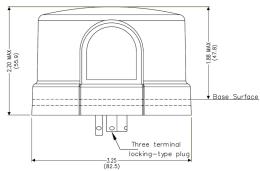


FP7500 Series Photocontrol (HID)





FP7500 Series Photocontrols

The FP7500 Series is a direct replacement for the now obsolete Cadmium photosensor technology. This photocontrol was designed to the same characteristics and can be used where Cadmium photosensors are called out in older specifications. The FP7500 series is for use with HID luminaire operations and is not susceptible to operational "drift" caused by harsh environments or by overheating.

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

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	

Operating Voltage

Load Rating:	1000 Watt tungsten, 1800 VA
Life at rated load:	5,000 Operations (13.7Years)
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) MOV380 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)

Ordering Information

<u>FP7571C</u> - <u>M</u> <u>C</u> <u>B</u> <u>C</u>

Operating Voltage	
FP7571B FP7571C	105 - 130 Vac
FP7572B FP7572C	185 - 305 Vac
FP7573B FP7573C	105 - 305 Vac
FP7574B FP7574C	420 - 530 Vac

Surge Protection		Τι	ı
М	190 Joule	В	
Е	380 Joule	С	

Turn-On fc		
В	1.0 fc	
С	1.5 fc	

On /	Off Ratio
В	1:1.5
С	1:1.5

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

Not recommended for LED installations

Note: FAIL OFF version available upon request

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.