REPLACEMENT PART LIGHTING CONTROL

Wattstopper FSP-202
Motion / Photo Sensor

A low-voltage, fixture-integrated PIR motion and daylight sensor that switches and dims LED lighting by occupancy. Rated IP66 for wet, cold locations.



12–32 VDC	PIR + photocell	0–10V	IP66
LOW-VOLTAGE INPUT	MOTION & DAYLIGHT	DIMMING CONTROL	MOUNTED IN A FIXTURE

OVERVIEW

The FSP-202 mounts inside the bottom of a light fixture and controls the lighting based on motion, daylight or both. When someone enters, the lights come up to full. After a set time with no motion, they dim to a low trim level or turn off.

It runs on 12–32 VDC from a power pack or a driver with an auxiliary output, and sends a 0–10V dimming signal to LED drivers. Built from tough polycarbonate, it's rated for –40°F to 158°F, and for wet locations when installed with its lens.

KEY FEATURES

01 **Motion and daylight control**
PIR occupancy sensing plus an optional dusk-to-dawn photocell.

02 **Fully adjustable**
Trim level 1–10V and time delay from 30 seconds to 30 minutes.

03 **Built for extremes**
Operates from –40°F to 158°F. IP66 when installed in a fixture with a lens.

04 **Smooth transitions**
A 2-second ramp up and an optional 10-second fade down.

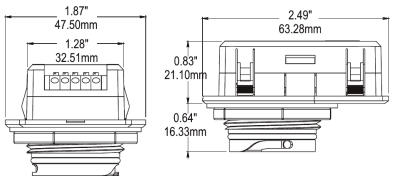
CONSTRUCTION & SPECIFICATIONS

Model	Wattstopper (Legrand) FSP-202, fixture mount PIR motion sensor, low voltage, white
Input voltage	12–32 VDC (from a power pack, or a driver with auxiliary low-voltage output)
Control output	0–10VDC dimming; works with LED drivers and ballasts
Control modes	4 preset modes (motion, dusk-to-dawn and combinations) plus test and service modes
Trim level	1–10V, default 1V
Time delay	30 s to 30 min, default 15 min; cut-off delay 1/2 of the time delay; ramp up 2 s, fade down none or 10 s
Photocell	On at 5 fc or less; off at 10 fc after a 3 s delay
Operating conditions	–40°F to 158°F (–40°C to 70°C); 5–95% RH; flame-retardant, UV- and impact-resistant polycarbonate
Size / weight	1.87" W x 2.49" L x 0.83" body + 0.64" lens mount; 1.31 oz (37 g)
Mounting	Threaded collar, or snap-in to a 55.6 x 33.5 mm fixture cutout
Listings	UL244A, UL508, UL and cUL listed; IP66 when mounted inside a fixture; CE; RoHS · 5-year warranty

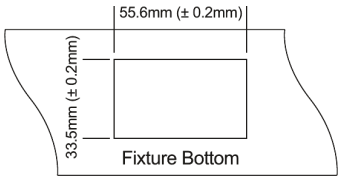
ORDERING OPTIONS

OPTION	STANDARD	AVAILABLE ON REQUEST
Sensor	FSP-202, white STD	—
Lens (required)	FSP-L2, 360°, 48 ft coverage from 8 ft	Shroud lens; black, bronze or grey
Power	—	Wattstopper power pack, if the driver has no low-voltage output

VIEWS



FSP-202 dimensions
End and side views



Snap-in cutout
Fixture bottom, 55.6 x 33.5 mm (± 0.2 mm)

ORDERING TIP

The FSP-202 needs an FSP-Lx lens to work, and the lens is ordered separately. Tell us your fixture and mounting height so we can match the lens and confirm power.