

Performance Data

CRI:	80+
CCT:	4000K, 5000K
Warranty:	10-Year Warranty w/Labor Allowance
Dimming:	0-10V Dimming Standard, 100% down to 10%
Operating Temperature:	-20°C to +50°C Ambient
Projected Lifetime Rating:	224,000 Hours (L80); 112,000 Hours (L90)
Power Factor:	> 0.90
Total Harmonic Distortion (THD):	< 15%

Motion Sensor Option



Step Dimming & Bi-Level

FSP-201B

The FSP-2x1B is a family of passive infrared (PIR) outdoor sensors that raise or lower the electric lighting level to high, low or off based on motion and/ or daylight contribution. Typically, once the sensor stops detecting movement and the time delay elapses, lights will first fade to low mode, and eventually switch off. When motion is detected, the sensor ramps the light level to high mode unless the daylight contribution is sufficient.

The integral photocell can also switch the lights on and off for dusk to dawn control, so that lighting remains on overnight even without motion detection.

The sensors control 0-10VDC or nondimming LED drivers or ballasts. The low voltage FSP-201B may be used with dim-to-off drivers or ballasts. Initial setup and subsequent sensor adjustments are made using a Wireless Handheld Configuration Tool (FSIR-100). This tool enables adjustment of sensor parameters including high/low mode, sensitivity, time delay, cut off and more.

The FSIR-100 can read current parameter settings, and stores up to six sensor parameter profiles to speed commissioning of multiple sensors. The FSP-2x1B family is available in three configurations for mounting inside a fixture, to the outside of a fixture or enclosure via a 1/2" knockout, or to a pole.

