



Integral Motion Ultrasonic Sensor (IMUS)

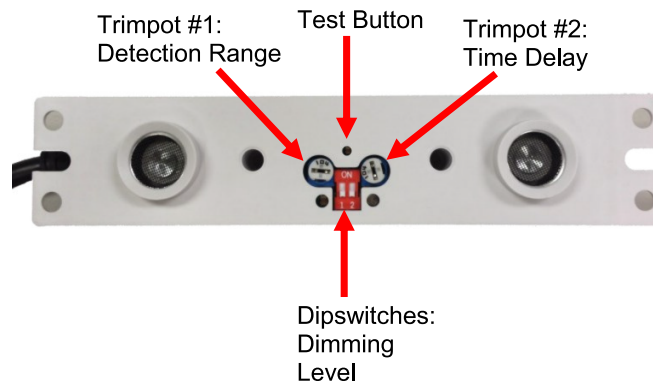
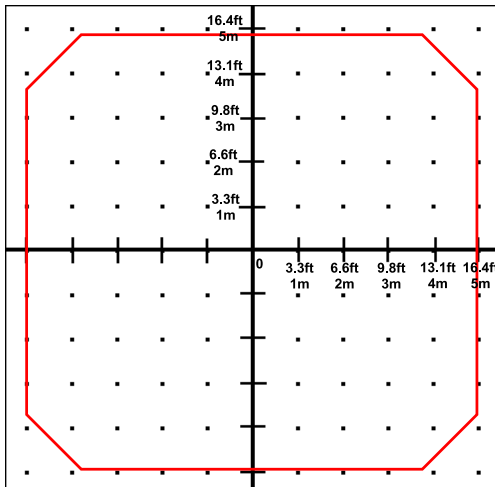
STAND-ALONE CONTROLS

LSI's "IMUS" ultrasonic motion sensor is a 0-10V fixture-integrated sensor for standalone lighting control. Configurable settings include length of time delays, sensor range and dimming level using DIP switches and trimpots. IMUS is designed for 8 -12 ft mounting height and an operating ambient temperature range of -22°F to 158°F (-30°C to 70°C).

OPERATION

- **Bi-Level Dimming:** When motion is detected the sensor will bring the lights up to 100% lumen output. When no motion is detected for the length of selected Time Delay, the sensor will dim the luminaire to the selected dimming level.
- **Test Mode:** Test mode sets the Time Delay to 5 seconds and runs for 5 minutes. After 5 minutes the LED flashes 3 times and reverts back to the previous Time Delay setting. Or press the Test mode again to immediately revert to the previous Time Delay setting. While in test mode, luminaire switches to full output when motion is triggered and dims to the dip switch setting.
- **Max Range:** Low, Medium or High. Results may vary based on mounting height, mounting angle, floor material or line of sight. 13, 18 or 35 ft.
- **Time Delay:** 1, 5 or 20 minutes.
- **Dimming Level:** 0%, 10%, 25% or 50%.

DETECTION AREA FOR 7.9ft (2.4m) CEILING MOUNT



Dimming Level Settings

Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

- Trimpot #1 adjusts motion detection range and sensitivity.
- Trimpot #2 adjusts time delay.
- Turn clockwise to increase, turn counterclockwise to decrease.
- Test Button sets the time delay to 5 seconds and runs for 5 minutes. LED flashes 2 times to indicate test mode started. After 5 minutes (or push the Test Mode button again), LED flashes 3 times the sensor returns to the selected Time Delay.