HOBO UX90 Room Occupancy/Light Logger - UX90-006

Occupancy Sensor

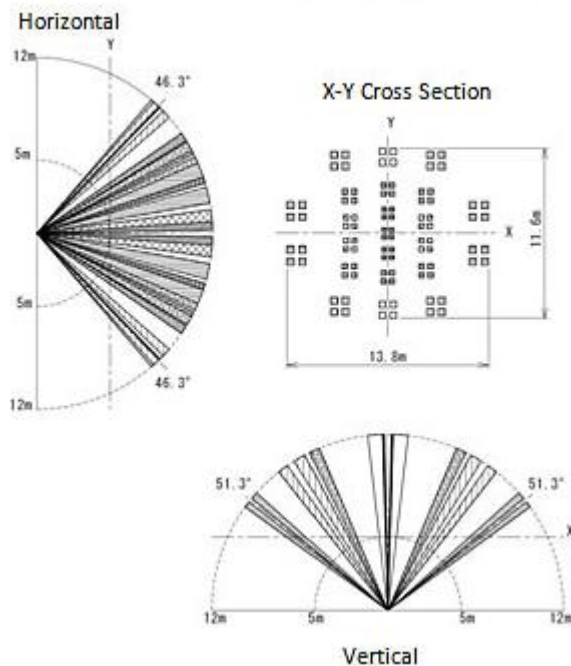**Detection Range:** UX90-006x: maximum 12 m (39.4 ft)

Detection Performance:

UX90-006x: 102° (±51°) Horizontal; 92° (±46°) Vertical (see Figure B)

Detection Zones:
UX90-006x: 64 (see Figure B)
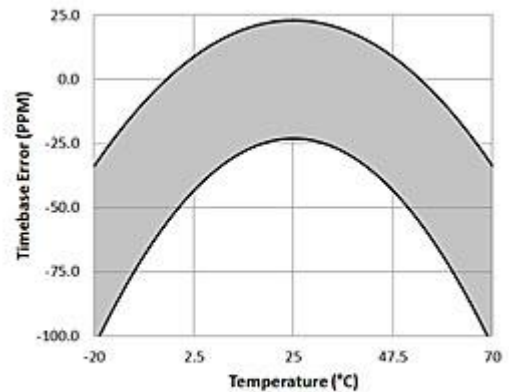

Figure B: UX90-006 Detection Area

Light Sensor

Light Threshold: > 65 lux

Light Type: LED, CFL, fluorescent, HID, incandescent, natural

Time

Plot A: Time Accuracy

Accuracy: ±1 minute per month at 25°C (77°F) (see Plot A)

Battery Life: 1 year typical use

Memory:
UX90-006: 128 KB (84,650 measurements, maximum)

Download Type: USB 2.0 interface

Download Time: 10 seconds for 128 KB;

Logger Operating Range:
Logging: -20° to 70°C (-4° to 158°F); 0 to 95% RH (non-condensing)
Launch/Readout: 0° to 50°C (32° to 122°F) per USB specification

Occupancy Sensor Range: 20° to 60°C (-4° to 140°F); 15 to 85% RH (non-condensing)

LCD: LCD is visible from: 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range

Size:
UX90-06x: 3.66 x 8.48 x 2.87 cm (1.44 x 3.34 x 1.13 in.)

Weight: 30 g (1.06 oz)

Environmental Rating: IP50

CE - The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)