



HOBO UX90 Room Occupancy/Light Logger - UX90-005

Occupancy Sensor

Detection Range: UX90-005x: maximum 5 m (15.4 ft)

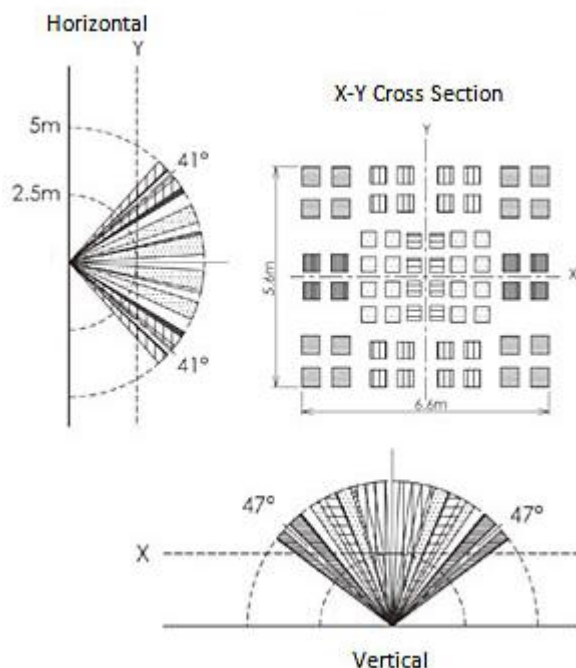
Detection Performance:

UX90-005x: 94° (±47°) Horizontal; 82° (±41°) Vertical (see Figure A)

Detection Zones:

UX90-005x: 64 (see Figure A)

Figure A: UX90-005 Detection Area

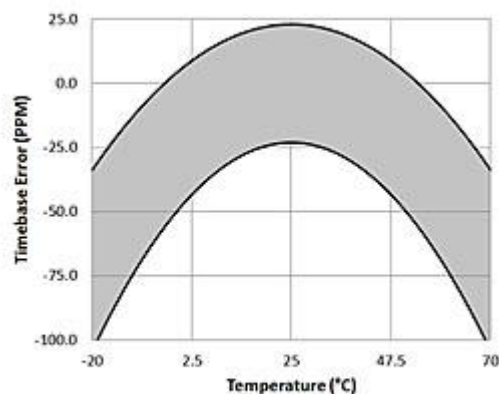


Light Sensor

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:

UX90-005: 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:

UX90-005x: 3.66 x 8.48 x 2.36 cm (1.44 x 3.34 x 0.93 in.)

Weight: 30 g (1.06 oz)

Environmental Rating: IP50



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