



## HOBO UX90 Room Occupancy/Light Logger - UX90-006

### Occupancy Sensor

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

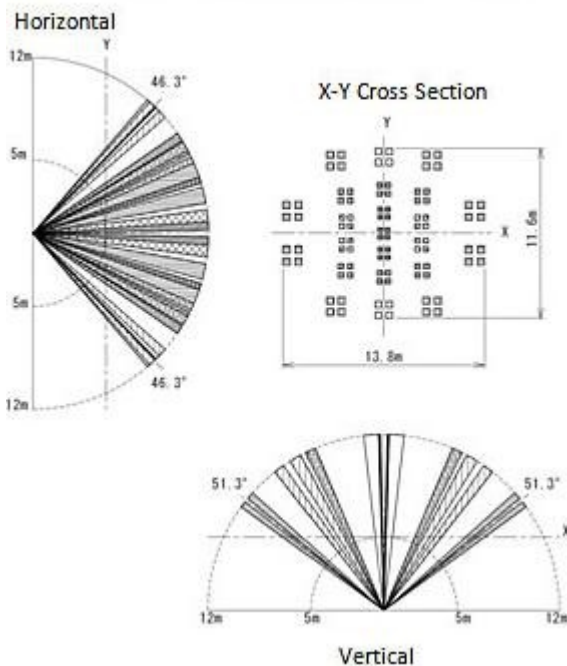
#### Detection Performance:

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**

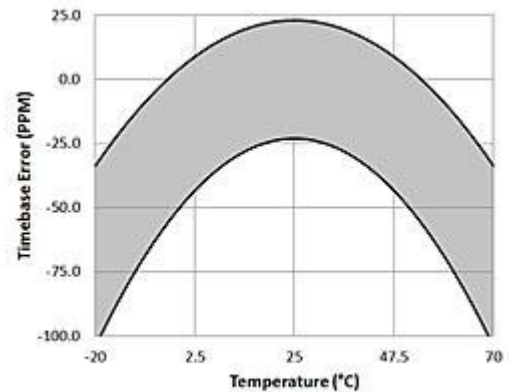


### Light Sensor

**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

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