

## LIGHT LEVEL SENSOR

PMTX010017

V.5 (July 2018)

Simple wireless installation

Senses across 10 - 2000 lux

Maps activity on building plans



Small, discreet sensors

High accuracy across range

Supports analytics

**Purrmatrix light level sensors (known as kittens) collect high quality data on light and temperature in internal situations, for applications in commercial and domestic properties.** They report light levels (in lux) to the Purrmatrix web application in near real time, making them highly suited to applications such as lighting design or daylight harvesting. Small and easy to retrofit, they can be quickly deployed without wiring.

### FEATURES

- Sensors:** Photo diode
- Size:** 72 x 24 x 20 mm
- Light range:** 10 - 2000 lux
- Power supply:** battery
- Battery life:** 2 years<sup>1</sup>
- Frequency :** measures every 30 secs

### TECHNICAL OVERVIEW

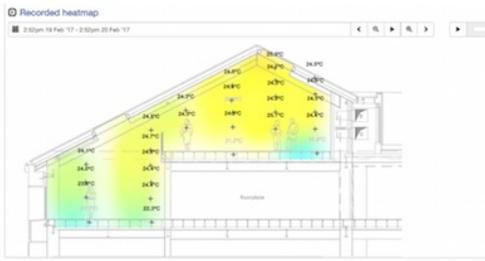
Purrmatrix light level sensors use an integrated ambient-light measurement chip with near-photopic colour response and wide dynamic range.

Designed to be ceiling or desk mounted they transmit data wirelessly every 30 seconds.

For temperature sensor specifications please see temperature sensor data sheet.

### WIRELESS PERFORMANCE

Kittens report data wirelessly to a gateway unit over a range of 40m (max 60m). A gateway unit can collect data from up to 200 kittens.



1. Under normal temperature conditions