

# Aranet LUX sensor



- ① Measures light in a building environment
- ② IP68 casing
- ③ Up to 7 years of battery life
- ④ Data transmission every 1, 2, 5, 10 minutes



Ambient light detection in all kind of building environment – offices, retail spaces, conference rooms and other places that require coordinated lighting solutions.

## Aranet LUX sensor datasheet

Measurements	Illuminance
Line of Sight Range	3 km / 1.9 mi
Operating environment	Indoor and Outdoor use
Transmitter power	14 dBm
Frequency	Depends on base station instructions
Measurement range	0 - 200 000 lux
Measurement resolution	1 lux
Measurement accuracy	+/- 10%
Data Transmission	1, 2, 5, 10 minutes
Data Protection	Data encryption
Power options	1 AA Alkaline batteries (Zn/MnO <sub>2</sub> ) 1 AA Lithium batteries (Li/FeS <sub>2</sub> )
Battery life@20°C / 68°F	Up to 5 years with Alkaline batteries Up to 7 years with Lithium batteries
Operating temperature	-20 °C to 55 °C / -4 °F to 131 °F with Alkaline batteries -40 °C to 60 °C / -40 °F to 140 °F with Lithium batteries
Operating humidity	0% to 100%
Dimensions	Sensor body - 35 mmØ x 117 mm
Weight	80g w Alkaline battery 72g w Lithium battery
Construction	ASA Plastic + Aluminium
Protection class	IP68
Marking	CE
Compatible base stations	Aranet PRO
Included	1 AA Alkaline battery