FOX LUX LIGHTING CONTROLS

FXB342DLPIR DALI-2 D4i CASAMBI PIR SENSOR

Technical Data

Operating Voltage	12-22.5V DC
Input Current	Max. 30mA
Standby Power	Max. 45mA
Sensor Technology	PIR
Mounting Height	Max. 17m
Detection Radius	Max. 11.5m
Operating Temperature	-20°C to 50°C
IP Rating	Front Face IP65

Logistics Information

Product Dimensions	46 x 33 x 33mm
Net Weight	0.02kg
Box Dimensions	40 x 40 x 52mm
Gross Weight	0.03kg
Carton Qty	175pcs
Carton Dimensions	340 x 280 x 280mm
Carton Weight	4.50kg
Commodity Code	8536500090

Materials

Housing	Polycarbonate
Finish	Matt
Colour	White

Bluetooth

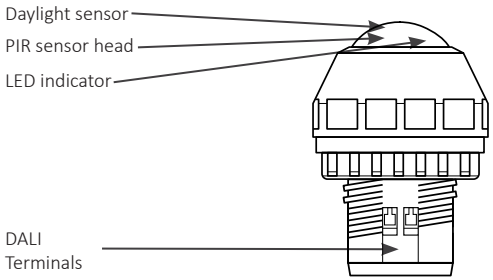
Operation Frequency	2.4GHz-2.483GHz
Transmission Power	Up to +8dBm
Transmission Range	50-100m
Protocol	Bluetooth Mesh

8 YEAR WARRANTY · 12-24V DC · III · UK CA CE CASAMBI

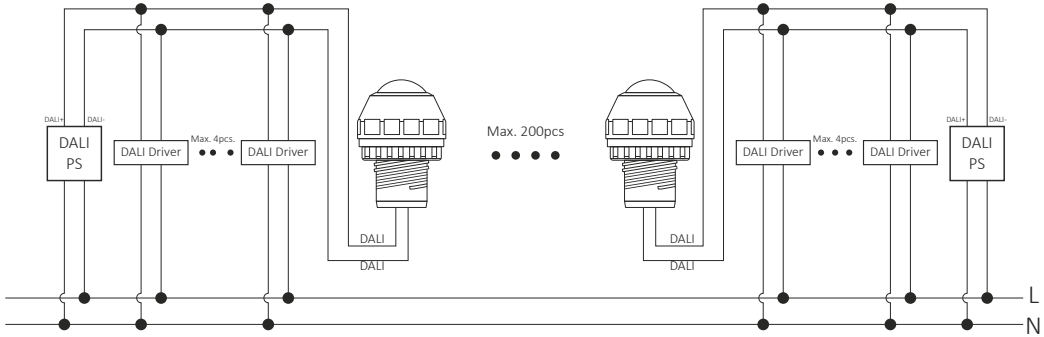
FEATURES

- Designed for high level detection (up to 17m)
- Bluetooth Mesh Networking
- Daylight harvesting
- Settings via Casambi configuration software
- Power supply and sensor data via DALI-2 bus
- Self-contained application controller
- Individual / group addressing

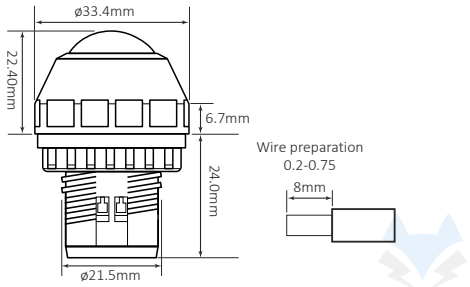
KEY ELEMENTS

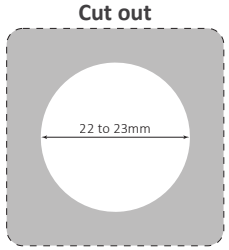


WIRING



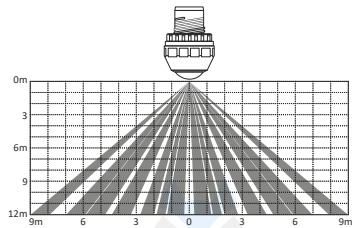
DIMENSIONS



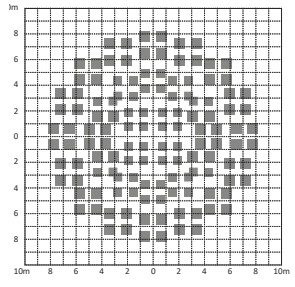


DETECTION

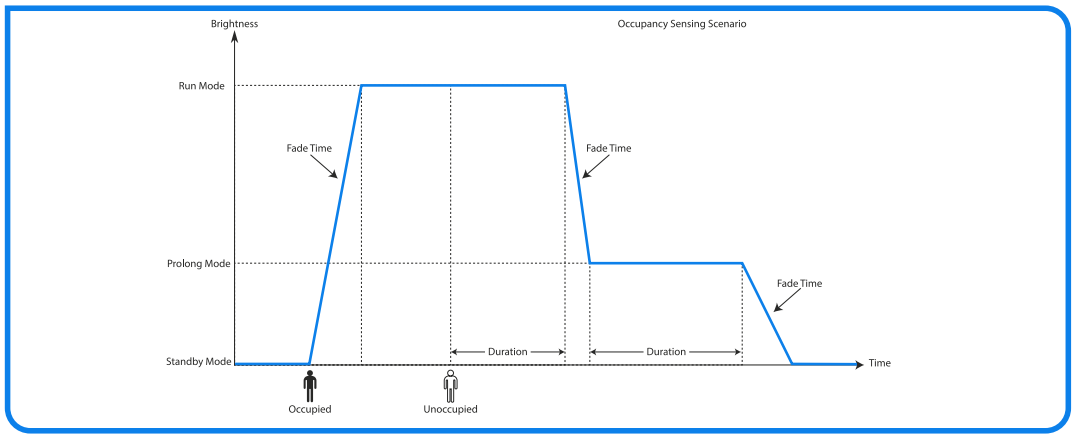
H(m)	R(m)
3	2.8
4	2.7
6	4.1
8	5.5
10	6.9
12	8.3
14	9.6
17	11.9

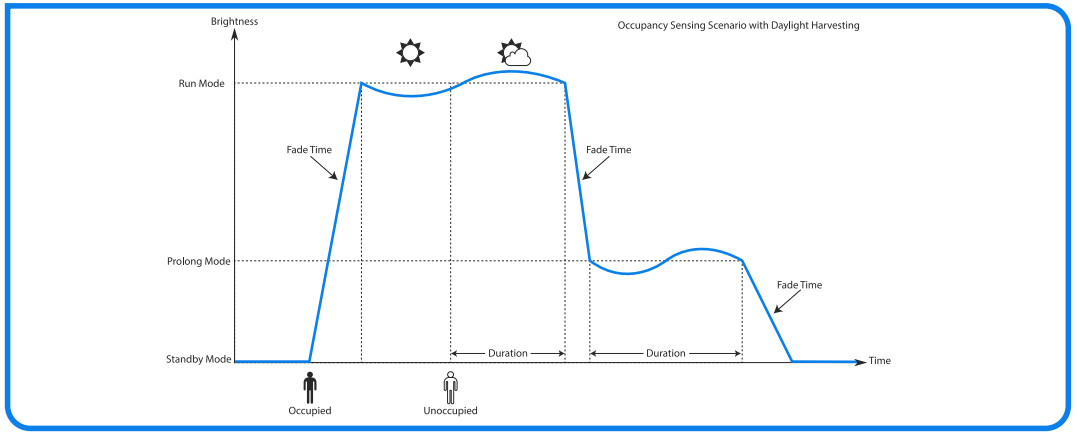


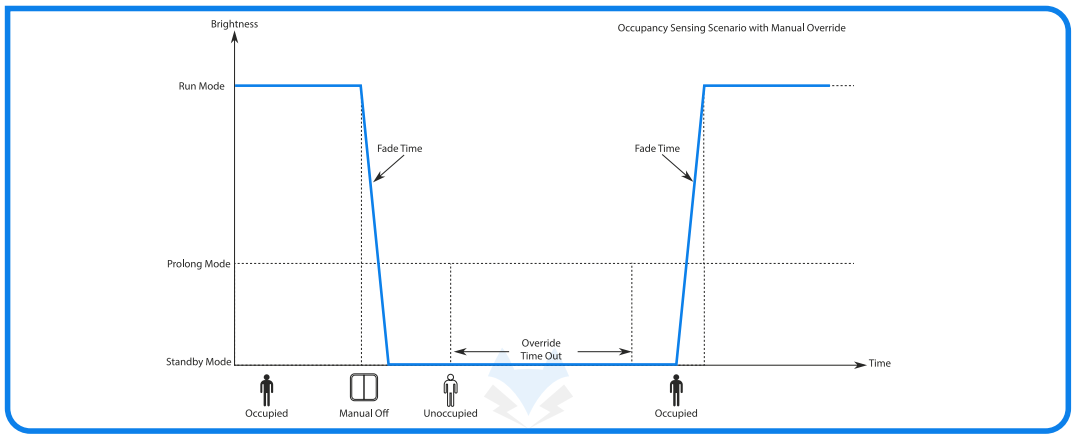
Note: Detection zones shown for 12m



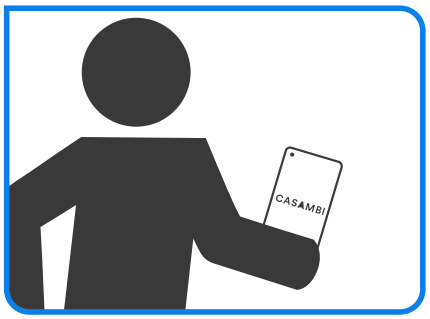
OCCUPANCY SENSING SCENARIOS







CASAMBI



OPERATION STEPS

Download the **Casambi** app from either the Apple App Store or the Google Play Store onto your device of choice. Once the app is open you can use a variety of commands such as:

- Nearby unpaired devices will automatically get detected upon opening the app
- Remove luminaires with “Edit”, group up luminaires with “Group”
- Tapping the device or group of luminaires once will switch them on or off
- To switch device settings tap it’s icon twice
- Tap the luminaire group twice to open it and control luminaires within it
- Swiping across a luminaire group or individual luminaires will change their brightness.
- Use “Gallery” to attach a photo of the room the luminaires are located in
- Use “Scenes” to control multiple luminaires at once
- Use “More“ to find options for timers, switches, sensors, gateways, network setup as well as find more devices, change network and app settings.