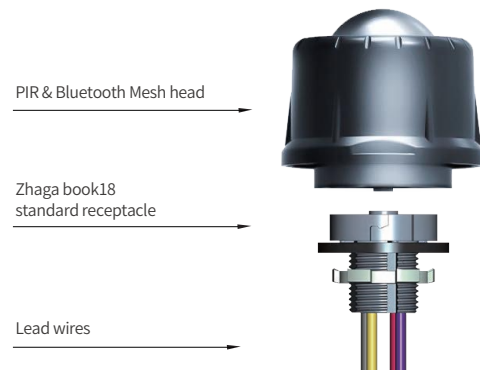


# Zhaga book18 series

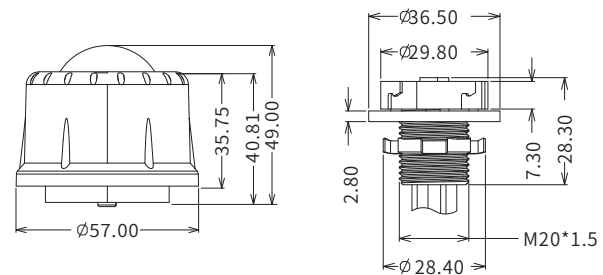
CASAMBI Bluetooth® Mesh PIR motion sensor

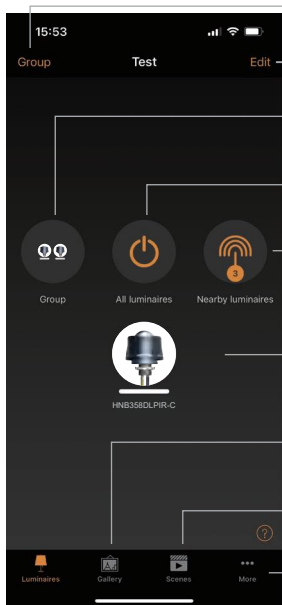
## Features

- Bluetooth® Mesh compliant.
- Bluetooth operation frequency 2.4GHz-2.483GHz.
- Bluetooth transmission power: up to +7dBm.
- Bluetooth transmission range:
  - Default factory setting:  $\geq 70\text{m}$ (Typical outdoor)
  - Long transmission range mode:  $\geq 140\text{m}$ (Typical outdoor)
- Bluetooth protocol: Bluetooth Low Energy Mesh.
- Aux. sensor power supply:
  - Input voltage: 12-24V DC.
  - Input current:  $\geq 30\text{mA}$ .
- Self-contained “application controller”.
- Self-contained DALI-2 bus power supply.
- DALI-2 output (max. 4 devices), task tuning (1-100%).
- Compact size( $\phi 57$  only), easy and small enough to be integrated.
- Specially designed for UFO highbay fixtures, shoeboxes, wallpacks, streetlights, etc., simple plug and play.
- Autonomous sensor-based control.
- Same Casambi enabled device can be added into different application groups.
- OTA firmware upgrade.
- Individual / group addressing.
- Decentralized control (no single point of failure).
- Detection range up to max. 10-12m in diameter.
- Mounting height: max. 10m.
- Operation temperature:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ .
- RoHS compliant.
- IP rating: IP65.



Model: HNB358DLPIR-C





- Make the luminaires into groups
- Organize the luminaires and groups, edit luminaires settings
- Double-click the group to open and control the luminaires individually
- Turn off/on all luminaires with one click
- Discover nearby unpaired luminaires displayed
- Double-click the luminaires to open the settings
- The gallery allows you to photograph different spaces to distinguish and control the luminaires accordingly
- Scenes help to control multiple luminaires at the same time
- Network and Help



Casambi APP can be downloaded from APPLE APP STORE and GOOGLE PLAY STORE.

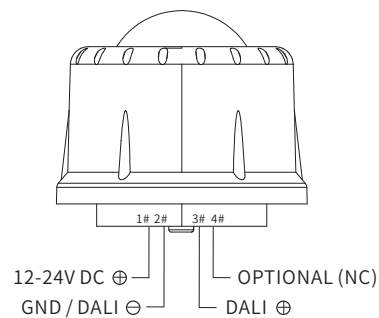
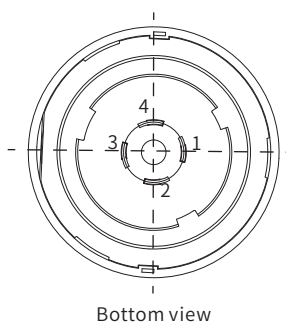
Personal account login ensures your privacy security, easy to achieve regional management and integration control; It runs smoothly and brings you better operation experience.

### Bluetooth mesh long transmission range setting

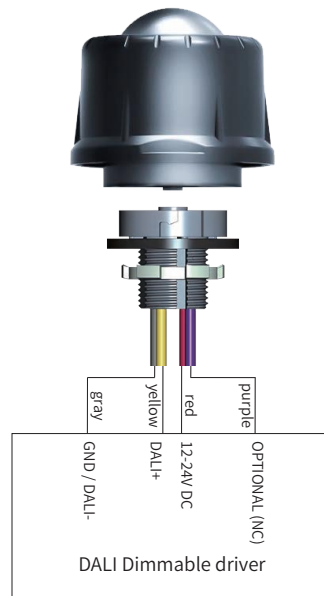


### PIN Description

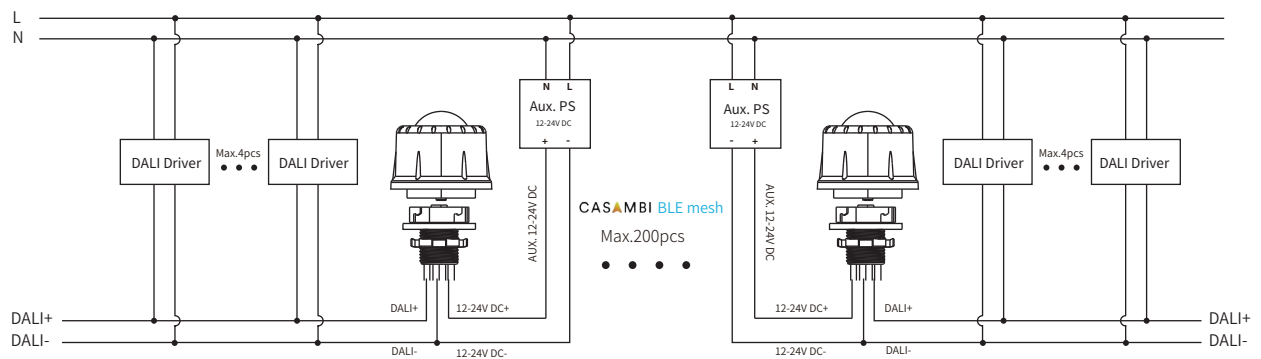
PIN	Description	Lead wire color
1	12-24V DC input	Red
2	GND / DALI-	Grey
3	DALI+	Yellow
4	OPTIONAL (NC)	Purple



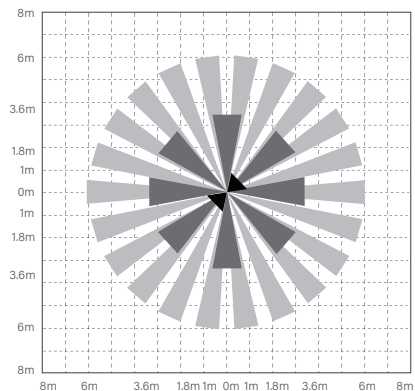
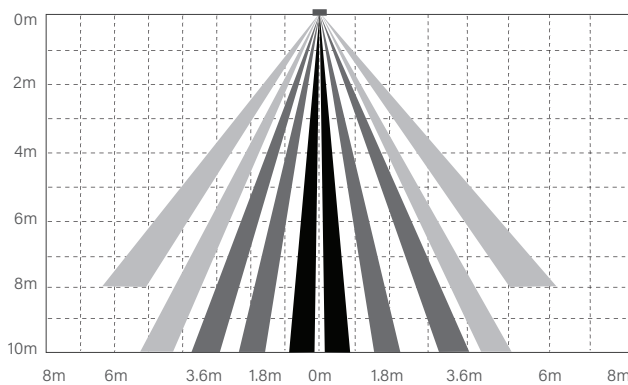
## Wiring diagram



## Multiple sensors



## Detection pattern



※ The PIR detection range / sensitivity can not be adjusted for this model, since it is using a digital PIR head inside.