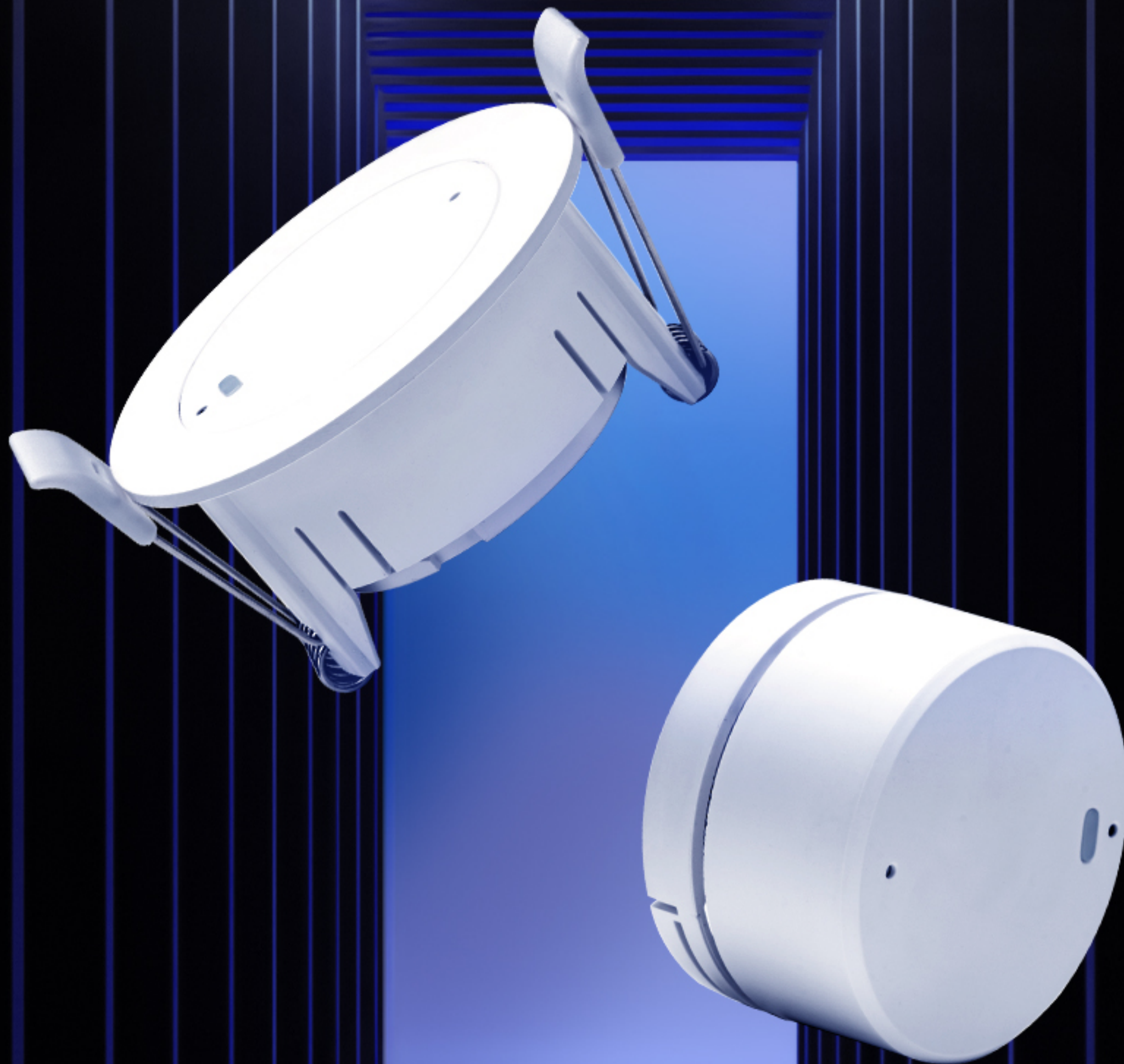




# HDL Occupancy Plus Sensor



buspro

All-in-one Sensor  
Master / Slave Logic Setting  
24GHz Millimeter Wave Radar



# Stunning Highlights



## HDL Occupancy Plus Sensor

Accurate and High Sensitivity with  
**24GHz Millimeter Wave Radar Technology**

0-1200lx  
**Large Detection Range for Illuminance**

Wide Range of Detection with  
**Master / Slave Logic Setting**

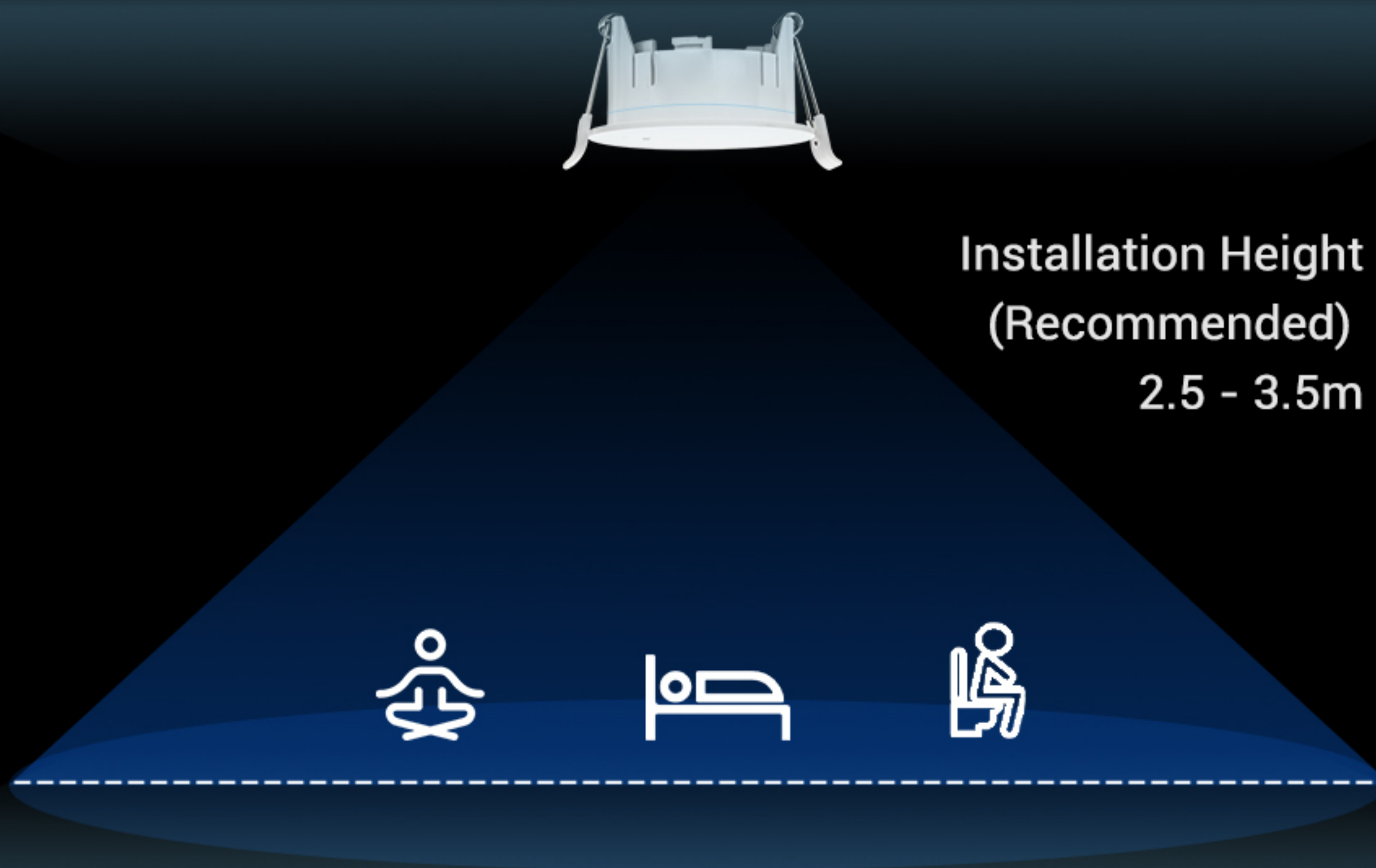
φ48.5mm  
**Reduced Dimensions**

Supports Ceiling-mounted and Screw-mounted  
**Flexible Installation**

# Accurate and High Sensitivity

Adopting 24GHz millimeter wave radar technology, it provides accurate and high sensitivity for detecting human motion and breath.

Detection Range: **Φ6m**



Detection range for micro motion and breathe: Φ6m

\*Detection range varies with different environments, the above figure is only an illustration.

# All In One Sensor

Equiped with local logic module, it compatible with comprehensive logic judgment through human presence detection, temperature & illuminance monitoring, external dry contact signals, general switches, etc.



Motion  
Detection



Presence  
Detection



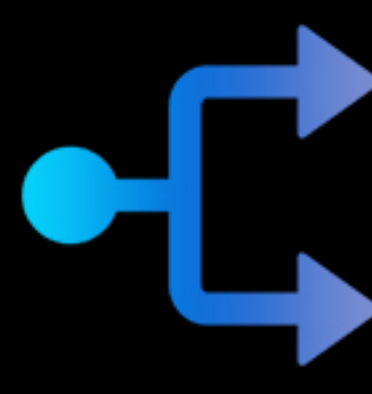
Illuminance  
Monitoring



Temperature  
Monitoring



Dry Contact  
Signals



Logic  
Module



General  
Switch



## **Automatically illuminate lights as the ambient lighting diminishes**

Automatically illuminate the lights when indoor lighting drops below the designated threshold and detects the presence of a person. The 24GHz millimeter wave radar is capable of sensing subtle body movements during focused reading, offering precise feedback for HDL smart home system.





# Quick Response for Your Needs

Featuring logic modules, it can function autonomously without reliance on the gateway, optimizing communication pathways for an even more superior response speed.





# Wide Detection Range

With Master / slave logic setting, it can group and combine multiple sensors. This innovative setup supports a maximum of 16 sensors per group, significantly broadening the overall detection range.



# Flexible Installation with Reduced Size



Flush mounted  
(Opening size  $\Phi 60\text{mm}$ )



Surface mounted



# Automated Adjustment for Greater Experience

**0-100%**

Automatic adjustment  
of illuminance

**1-10**Level

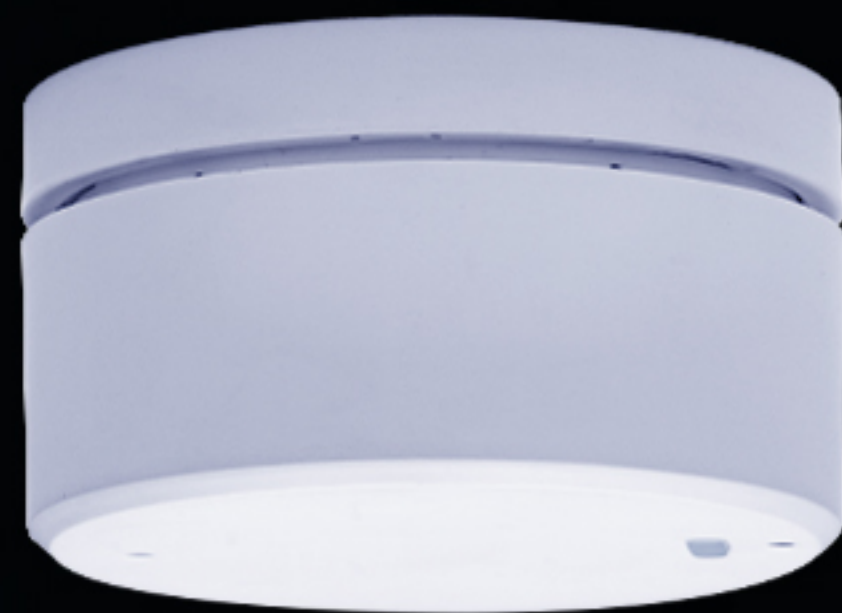
Sensitivity level

**1-3600**s

Delay time

**3**types

Operational modes







Simple wiring ensures

**uninterrupted and  
stable control**

even during network outages







Contact HDL Sales Manager today  
to learn more.