

QL-DL PIRLX SENSOR

- The **QL-DL PIRLX Sensor** is a **ceiling-mounted PIR and daylight (lux) sensor** designed for intelligent lighting control within **DALI-2 networks**.
- By combining occupancy detection and ambient light measurement, it enables **energy-efficient, automatic dimming** and switching of luminaires.
- Compact, bus-powered, and easy to install, it's ideal for offices, classrooms, hotels, retail spaces, and other smart-building applications..

Key Features

- **Dual Sensor Technology:** *Combines PIR motion sensing and daylight (lux) measurement.*
- **DALI-2 Compliant:** *Seamless integration with modern DALI networks.*
- **Bus Powered:** Powered directly via DALI bus – no separate power supply required.
- **DALI Dimming Output:** Enables automatic daylight harvesting and occupancy-based dimming
- **Compact Ceiling Mount:** Easy installation in standard ceiling cut-outs.
- **OTA Support:** Allows over-the-air firmware updates for future-proof operation.



- **Wide Detection Area:** Covers up to 5 m diameter at 2.5 m installation height.

Specifications

Function

PIR Motion + Lux Sensor with DALI Output

Compliance

DALI-2

Input Voltage

Powered by DALI Bus

Model : QL-DL PIRLX

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Installation Type
Ceiling Mounted

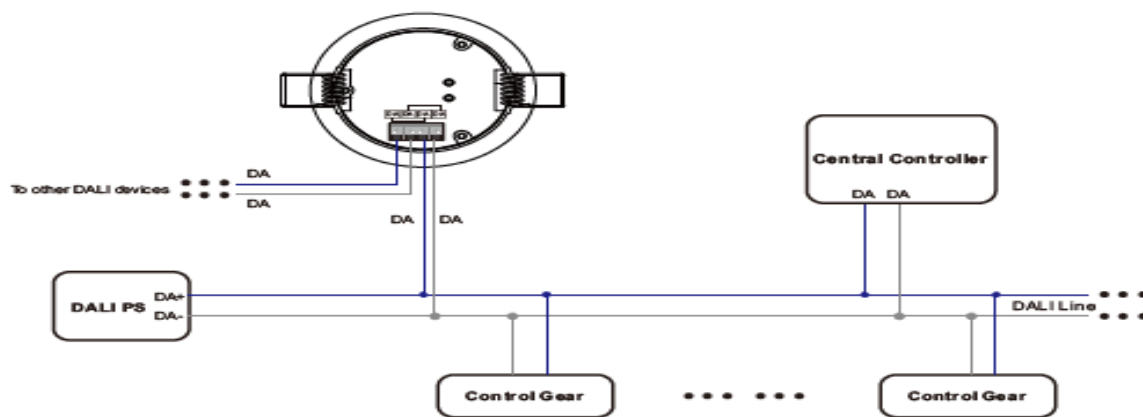
Detection Area
Up to 5 m (at 2.5 m installation height)

Output
DALI Dimming Output

Operating Temperature
-20 °C to +50 °C

OTA Support
Yes

Wiring



Dimension

