

Motion sensor DALI with Lighting sensing

Passive infrared DALI detector with light sensing



| | |
|---------------|--------------------|
| Model number: | IR-A12DL-LC |
| Connects to: | DALI |
| Mounting: | On ceiling or wall |
| Dimensions: | 95x95x45 mm |

Applications

- Motion detector
- Ready light
- Lighting control
- GRMS

Features

- Aestetical look
- Easy mount
- Powered by DALI bus
- Lighting sensing
- High sensitivity PIR sensor

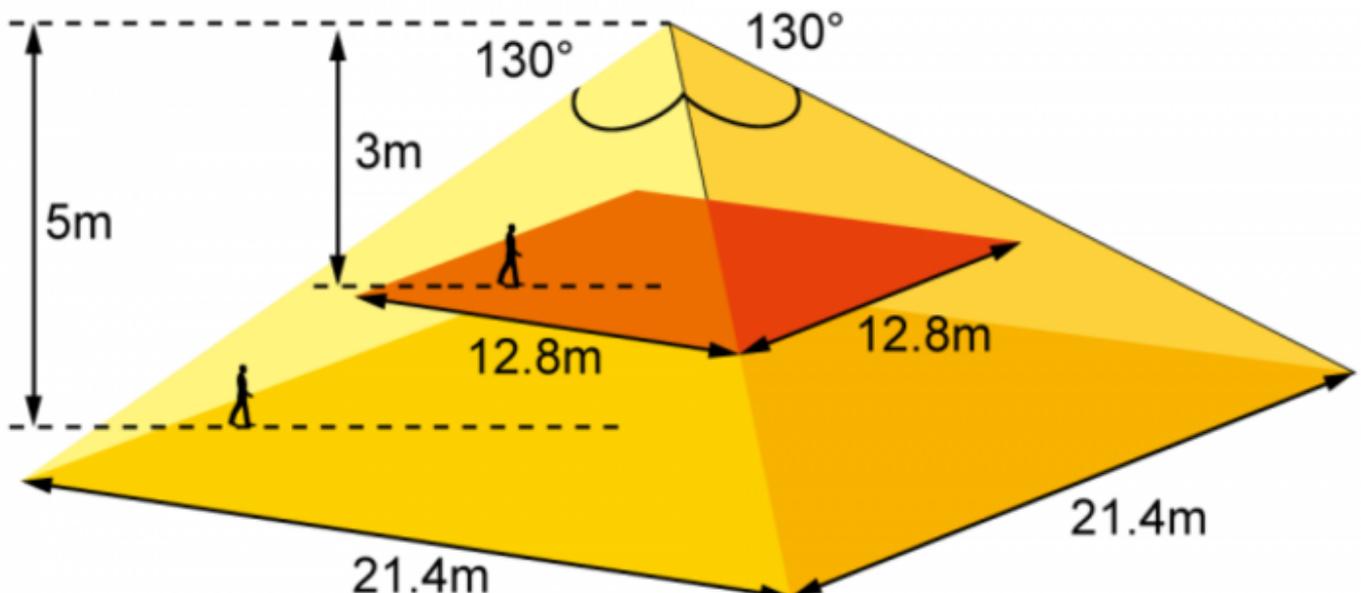
General description

A passive infrared detector on DALI system with lighting sensing.

Installation instruction

- Do not install the detector at position which faces direct or reflected sunlight or near windows with direct car headlight.
- Ensure that there are no obstructions (plants, screens, furniture etc.) in the field of view that may cause incorrect cover/operation of the detector.
- Avoid locating the detector in areas that contain equipment that may change the environment temperature rapidly (i.e. above radiator or under the air-conditioner)
- Install the detector at proper height on a rigid surface. Do not install the detector on vibrating surface.
- PIR detector is more sensitive to the motions “across” the detection zones than “toward” or “away”.

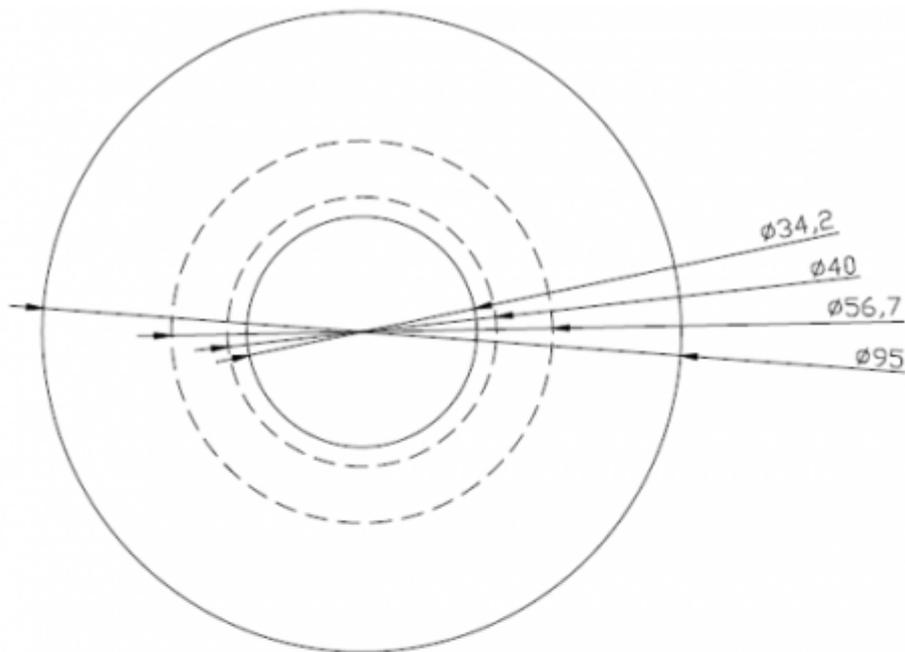
Range



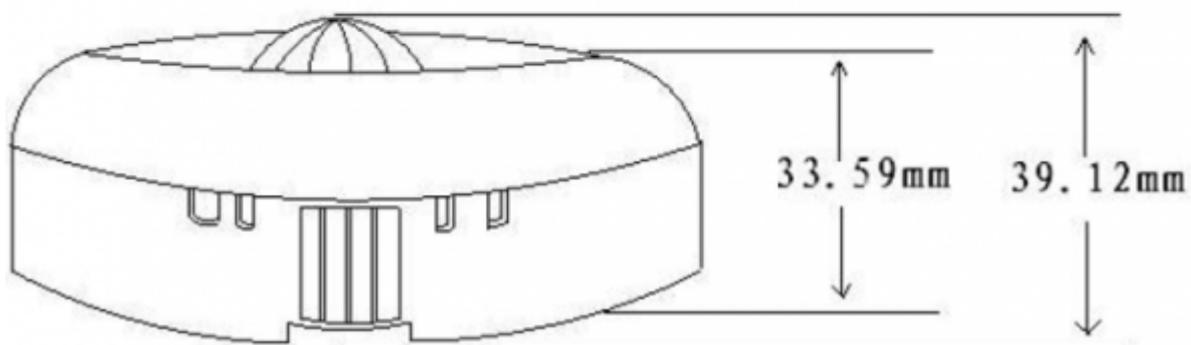
Technical specifications

| | |
|--------------------|--|
| Current draw | 10 mA from DALI bus |
| Temperature | -20°C ~ +60°C |
| Operating humidity | 10%-80% RH Non-Condensing |
| Connecting Wires | 0.5~1.5 mm ² , solid or stranded wire |
| Weight | 78.5g |

Dimensions



Diameter size diagram

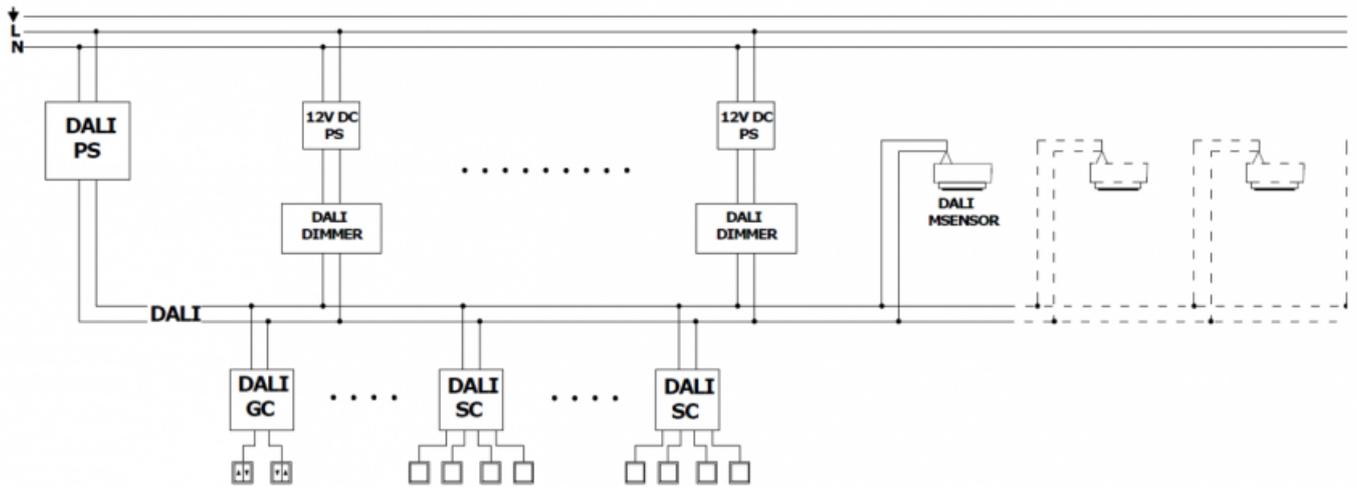


Side height sizes

Terminals

| |
|--------|
| DALI + |
| DALI - |

Installation



Settings

| 1 | 2 | MODE |
|-----|-----|---------|
| on | off | PIR |
| off | on | CDS |
| on | on | PIR&CDS |
| off | off | Disable |

| Group Selector Position rotating switch | Light Group | PIR Group |
|--|-------------|-----------|
| 0 | Broadcast | 1 |
| 1 | 1 | 2 |
| 2 | 2 | 3 |
| 3...9 | 3...9 | 4...10 |
| A...F | 10...15 | 11...16 |

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