



MDS-P Motion Detection Sensor

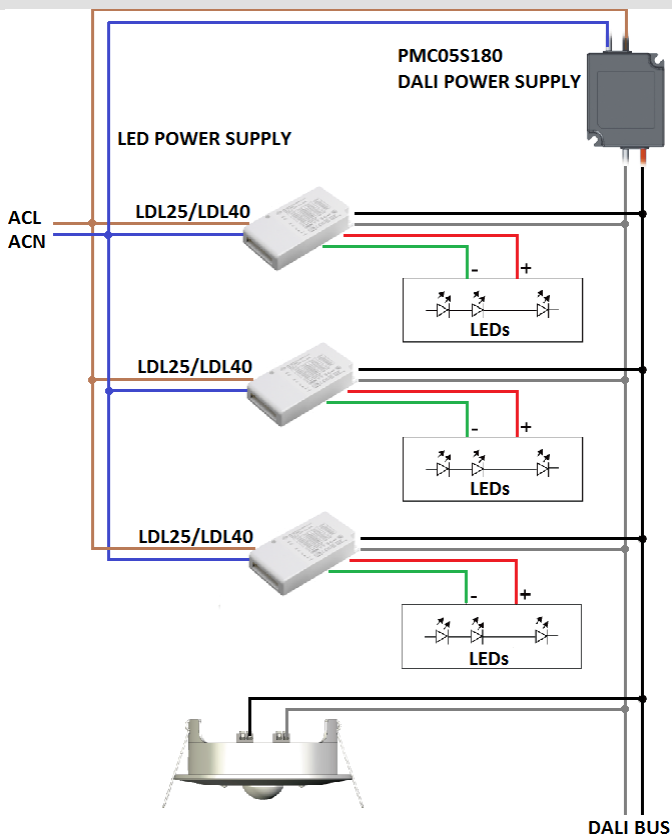
Features

- * Motion Detection Sensor for DALI System
- * Powered by DALI Bus
- * Simple Group Assignment Via Rotary Switch
- * Built-in high sensitivity PIR sensor

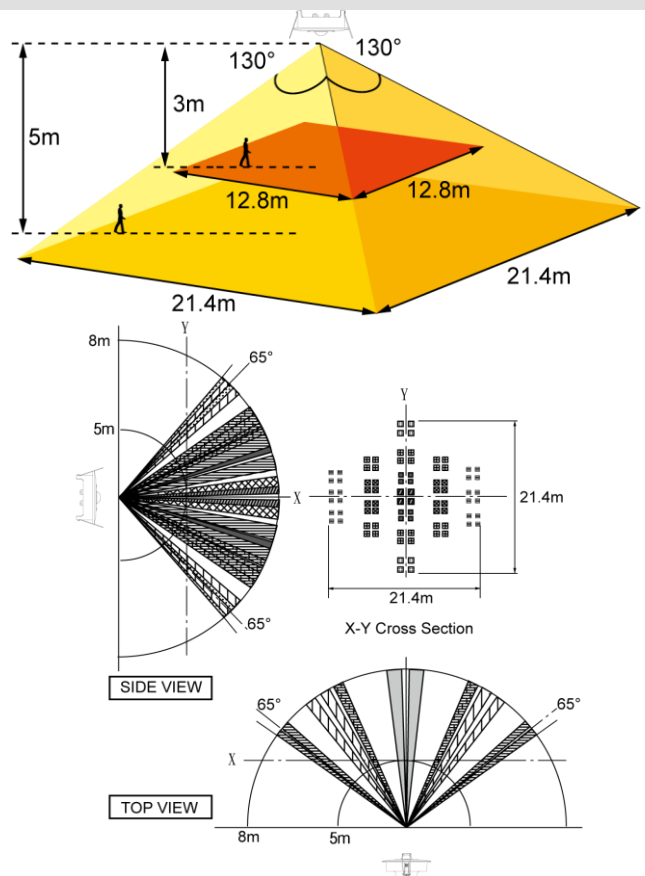


| MODEL | INPUT VOLTAGE | CURRENT DRAW | OPERATING TEMPERATURE |
|-------|-------------------------------------|--------------|-----------------------|
| MDS-P | 10-22.5VDC (Powered by DALI Bus) | 10mA | 0-50°C |

Installation



Motion Detection Area



Specifications

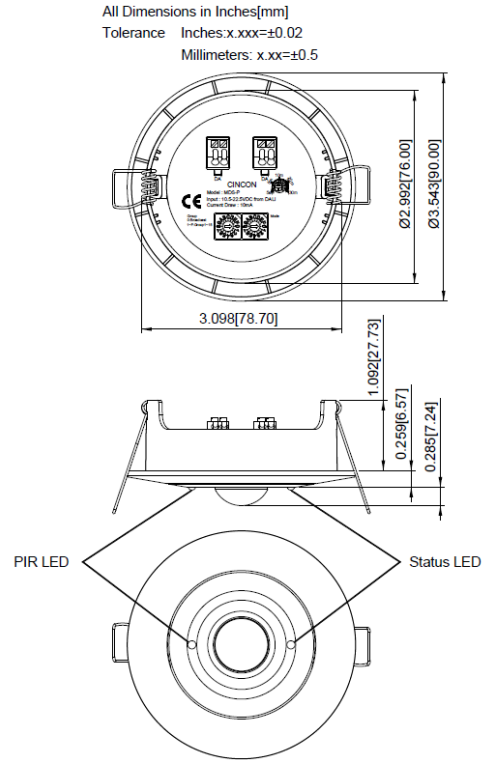
INPUT SPECIFICATIONS:

Power Input Via DALI Bus 10.5~22.5Vdc
 Current Draw 10mA from DALI

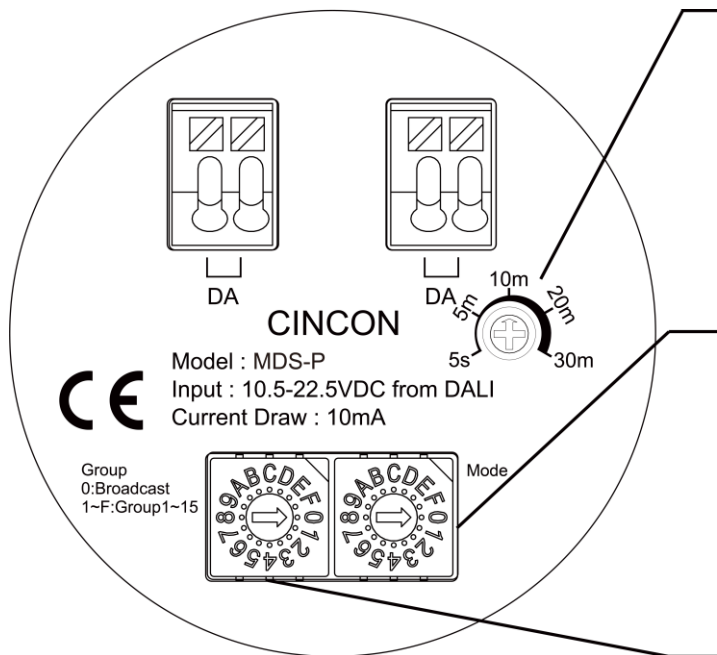
GENERAL SPECIFICATIONS:

Operating Ambient Temperature 0~50°C
 Storage Temperature -40~85°C
 Operating Humidity 10%-80% RH Non-Condensing
 Case Material PC
 Connecting Wire Cross Section 28-16 AWG/0.5~1.5 mm², Solid or Sstranded Wire
 Motion Detection Distance 5m
 Dimensions 90x90x40.54mm
 Weight 58g

Mechanical Drawing



Operation



Time

Delay Time 5secs~30mins



Mode Illuminance Sensor-Based

| | | | |
|---|-------------------------|---|---------------------|
| 0 | ON:100% → MIN: 1% → OFF | 8 | ON: 100% → MIN: 1% |
| 1 | ON:100% → MIN: 5% → OFF | 9 | ON: 100% → MIN: 5% |
| 2 | ON:100% → MIN:10% → OFF | A | ON: 100% → MIN: 10% |
| 3 | ON:100% → MIN:20% → OFF | B | ON: 100% → MIN: 20% |
| 4 | ON: 70% → MIN: 1% → OFF | C | ON: 70% → MIN: 1% |
| 5 | ON: 70% → MIN: 5% → OFF | D | ON: 70% → MIN: 5% |
| 6 | ON: 70% → MIN:10% → OFF | E | ON: 70% → MIN: 10% |
| 7 | ON: 70% → MIN:20% → OFF | F | ON: 70% → MIN: 20% |

Group

0: Broadcast, 1~F: Group1~15

Note:

1. Group 1 represents the Group 0 in the DALI standard.
2. A sensor under Broadcast Mode should not be on the same DALI bus with a sensor under Group Mode.

| | | | | | | | |
|-----------|--------|---------|---------|---------|---------|---------|---------|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Broadcast | Group1 | Group2 | Group3 | Group4 | Group5 | Group6 | Group7 |
| 8 | 9 | A | B | C | D | E | F |
| Group8 | Group9 | Group10 | Group11 | Group12 | Group13 | Group14 | Group15 |

Note: Group 1 represents the Group 0 in the DALI standard