



MDS-P

Motion Detection Sensor

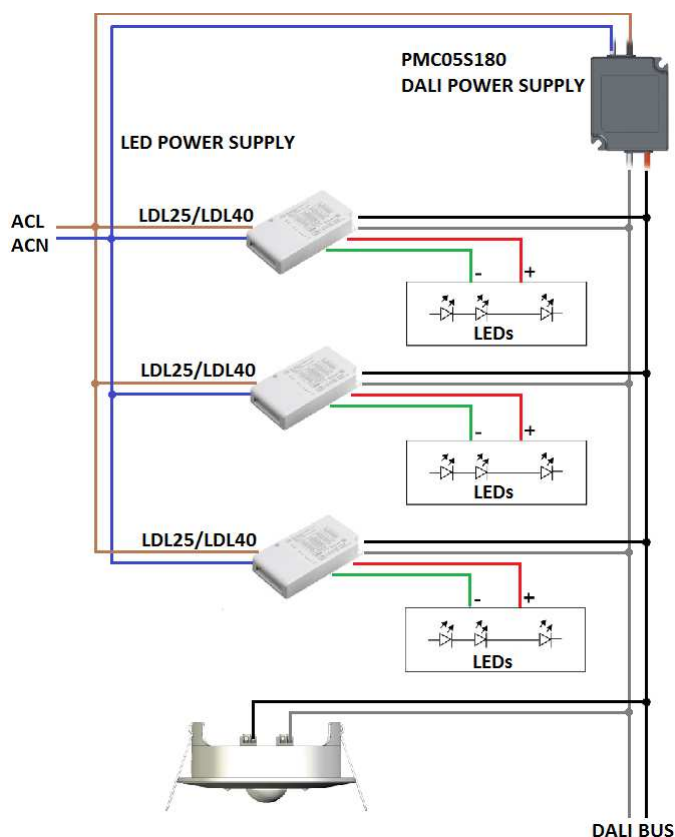
Features

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

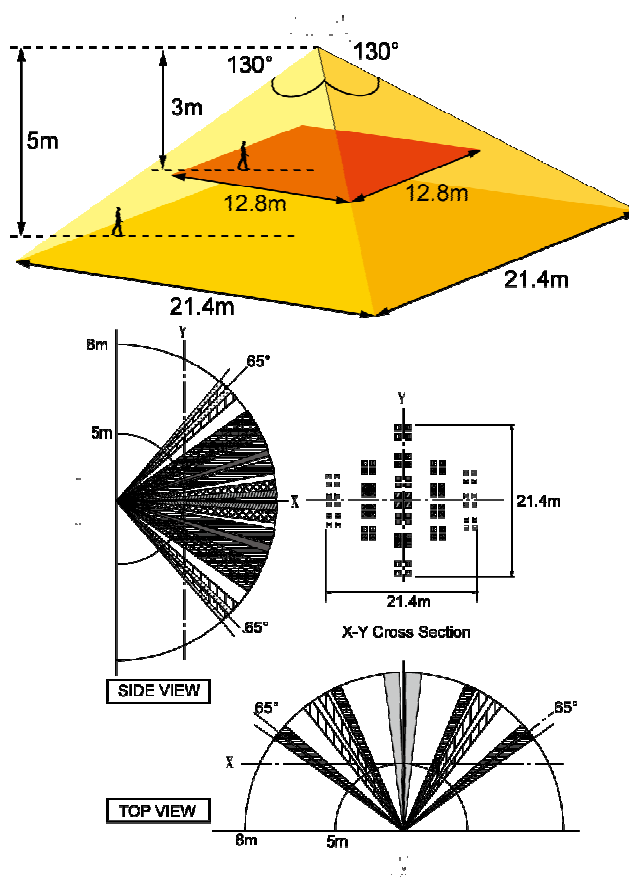


MODEL	INPUT VOLTAGE	CURRENT DRAW	OPERATING TEMPERATURE
MDS-P	10-22.5VDC (Powered by DALI Bus)	10mA	0-50°C

Installation



Motion Detection Area



Specifications

INPUT SPECIFICATIONS:

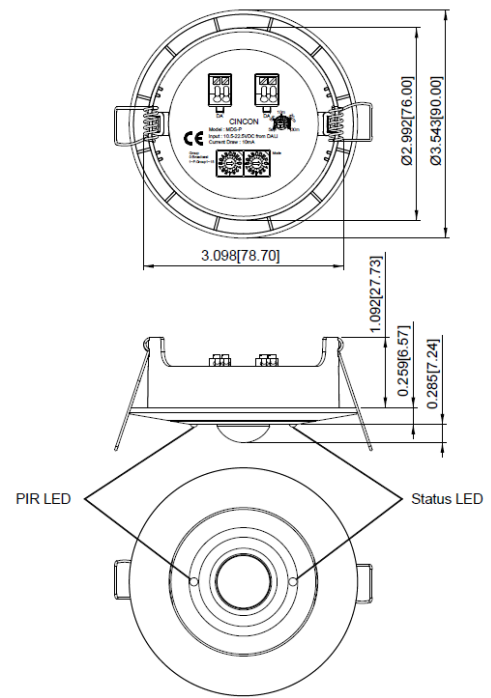
Power Input Via DALI Bus 10.5~22.5Vdc
Current Draw 10mA from DALI

GENERAL SPECIFICATIONS:

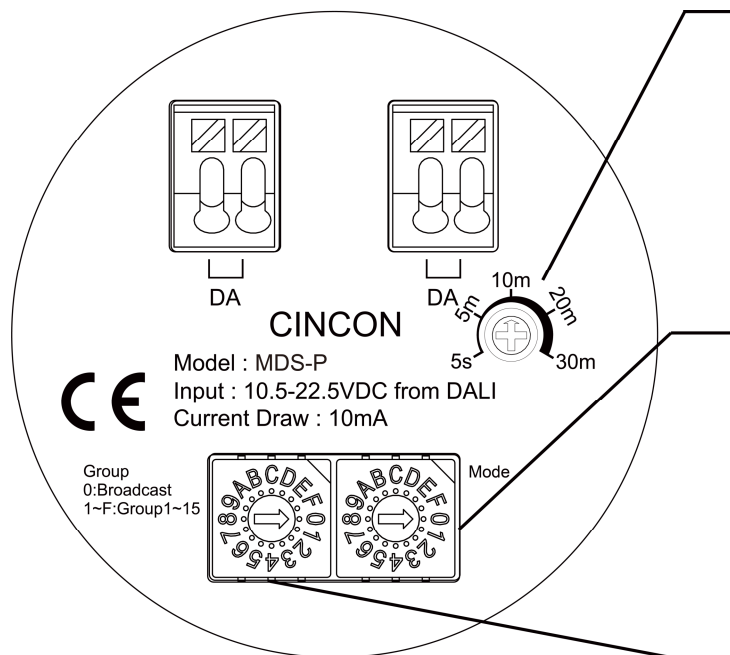
Operating Ambient Temperature 0~50°C
Storage Temperature -40~85°C
Operating Humidity 10%-80% RH Non-Condensing
Case Material PC
Connecting Wire Cross Section 28-16 AWG/0.5~1.5 mm², Solid or Sstranded Wire
Motion Detection Distance 5m
Dimensions 90x90x40.54mm
Weight 58g

Mechanic Drawing

All Dimensions in Inches[mm]
Tolerance Inches:x.xxx=±0.02
Millimeters: x.xx=±0.5



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

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