



DESCRIPTION

This product is a dedicated sensor for intelligent lighting, compatible with DALI-2 and D4i standards, focusing on efficient control, seamless integration and digital operation and maintenance, and suitable for professional lighting systems in various scenarios.

FEATURES

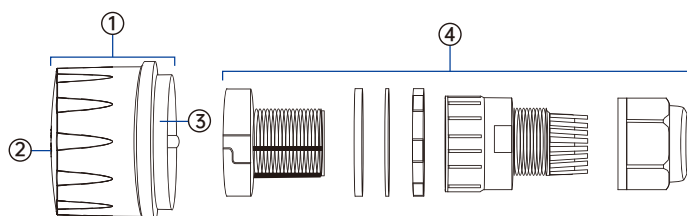
- DALI-2 & D4i certified
- Motion sensor instance type 3 (303)
- Illuminance measurement
- Light sensor instance type 4 (304)
- Autonomous sensor-based control
- Seamlessly working with D4i drivers
- With Zhaga Book 18 Receptacle
- Plug & Play



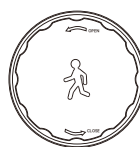
SPECIFICATIONS

Input Voltage	Powered via DALI bus.
Input Current	<30mA
Stand-by Power	DC 12V@<0.5W
Output Signal	DALI-2/D4i
Detection Area	DALI master setting
Daylight Sensor	DALI master setting
Stand-by dim level	DALI master setting
Detection Angle	30-150 ° Without Glass Cover
Mounting Height	≤12m / 39ft
Detection Range	Radius: 8m / 26ft
Working Temp	-20°C~+60°C
IP Rating	IP65
Warranty	5 years

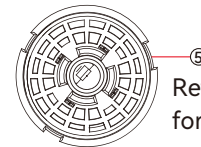
MECHANICAL STRUCTURE



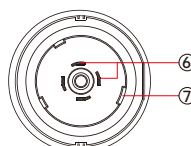
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|--------------|--------------|-------------|
| ① Module | ⑤ Mount A | ⑨ NC |
| ② Top | ⑥ Metal Pins | ⑩ VCC |
| ③ Bottom | ⑦ Mount A | ⑪ GND/DALI- |
| ④ Receptacle | ⑧ DALI+ | |



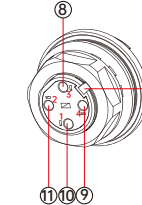
Top View



Refers to the mount for the biggest pin.



Bottom



Function of metal pins are:
VCC / DALI- / DALI+



Attention

1. The sensor should be installed by qualified electrician and ensure power is OFF before installation.
2. Please read the instruction carefully before using the product and keep it well for other users to read any time.
3. We reserve the right to modify any incorrect text, image and technical parameters.
4. Any unauthorized modification is forbidden. Otherwise all guarantees will be immediately invalid.
5. Product could be optimized without prior notice.

APPLICATION NOTES

1. Suitable for indoor application, half/completely outdoor environment conditions might be captured as moving signals to trigger the sensor.
2. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive.
3. Adjust sensitivity properly when the sensor is applied in small/narrow/metal-built/with metal spaces.
4. Microwave sensor can't be placed under/inside metal shell; Microwave module must directly face the detection area with edge lower than light fixture.
5. Keep the sensor away from vibration equipments, air-conditioning outlets, smoke extractors alike conditions to avoid unwanted trigger.
6. Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference.
7. At least 2m/6.5ft distance between microwave sensors; 1.5m/4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference.
8. Daylight testing delivered in bright day without shadow or specially designed lampshade or lens.
9. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
10. Input power voltage must be stable with float less than 10%.
11. The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF.
12. Distance detection is delivered by testing person about 165cm in open area as reference, the result differs by size and speed of moving objects, mounting height and real-life situation.