



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

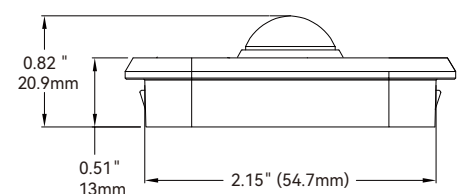
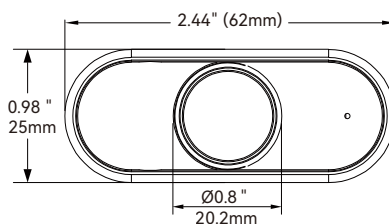
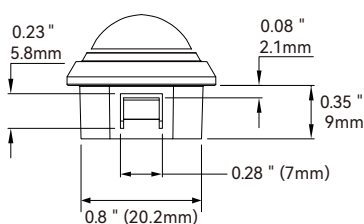
- Plug& Play
- DALI-2 & D4i certified
- Motion sensor instance type 3 (303)
- Light sensor instance type 4 (304)
- Seamlessly working with D4i drivers
- All sensor parameters can be set by DALI central controller setting



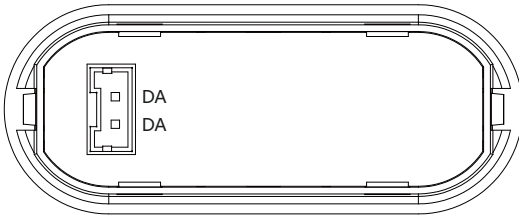
SPECIFICATIONS

Input Voltage	Powered via DALI bus.
Input Current	10mA+5mA (Bus voltage 16V)
Output Signal	DALI-2/D4i
Functions	PIR Sensing (303) / Daylight detection (304)
Detection Mode	PIR
Detection Area	DALI master setting
Daylight Sensor	DALI master setting
Stand-by dim level	DALI master setting
Detection Angle	Fresnel Lens (Ceiling Mounted 360 ° Wall Mounted ≤120 °)
Mounting Height	< 4 m / 13 ft
Detection Range	Radius: 3-7 m 10-23 ft
Working Temp	-30°C~+60°C
IP Rating	IP20
Warranty	5 years

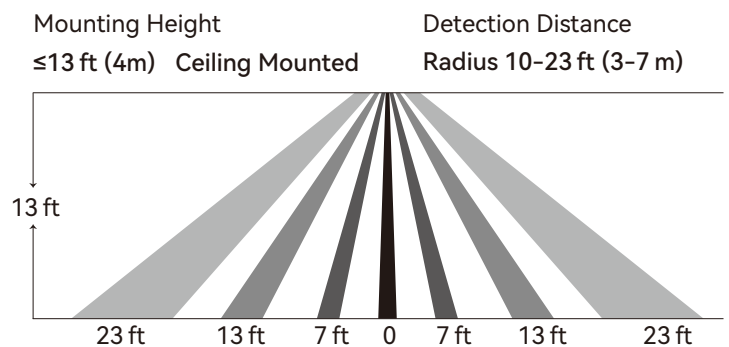
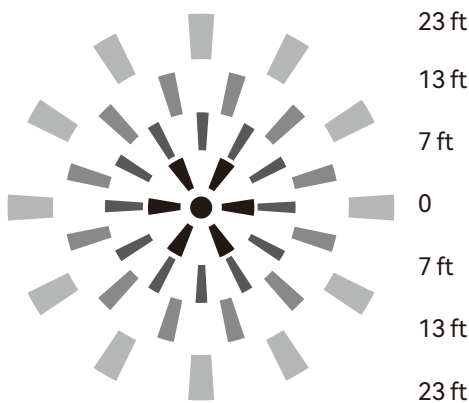
DIMENSIONS



WIRING



DETECTION COVERAGE



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.

- * When ambient temperature approaches the human body classic temperature range(36°C~37°C/96.8~98.6°F), PIR sensor's detecting performance will significantly weaken or non-responsive.
- * When ambient temperature stays higher then 40°C/104°F, PIR sensor's detecting performance will significantly weaken.

APPLICATION NOTES

1. Suitable for indoor application, half/completely outdoor environment conditions might 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. PIR sensor can't be placed inside any material, fresnel lens must completely exposed in air.
4. Fresnel lens of the PIR sensor must be lower than light fixture.
5. Not suitable environment if there's sudden changed temperature of airflow for PIR sensor.
6. Not suitable environment if there's shelves blocking between the sensor and presence area.
7. Detection area options may NOT working obviously because it works depends on fresnel lens, it's physically defined.
8. Detection distance performance works better when moving parallelly than moving towards to the sensor.
9. Daylight testing delivered in bright day without shadow or specially designed lampshade or lens.
10. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
11. Input power voltage must be stable with float less than 10%.
12. The first time powered ON sensor, light will be ON 100% for about 45S then dims to standby level or OFF.
13. 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.