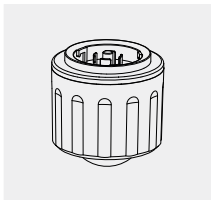


TY-MC079D IR ZB2



CAUTION

- 1.The sensor should be installed by qualified elec-trician 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.

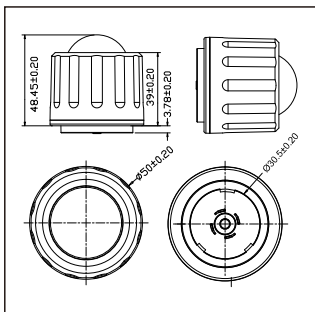
APPLICATION NOTICE

1. Highly recommend to contact the manufacturer for technical evaluation before sensor lighting design and installation.
2. Suitable for indoor application, half/completely outdoor environment conditions might trigger the sensor.
3. AUX LED driver with stable output voltage and low ripple must be used. The ripple of the AUX power supply should be less than 100mV; the load current should be greater than 50 mA.
4. Daylight sensor and daylight harvesting testing delivered in bright day without shadow or specially designed

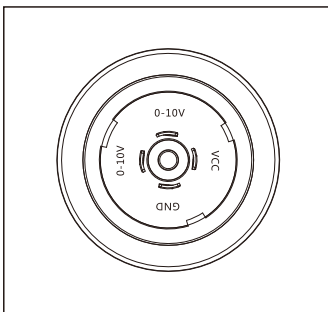
lampshade or lens, it may be affected by weather, lumen and color temperature of lamps in actual use.

5. Dimming performance differs when connected to different drivers, the min. dim level is determined by the LED driver.
6. The distance is related to factors such as the ambient temperature, the installation height, the weather and whether the installation environment is open. The detection distance given in the manual is a typical value, it is tested by 165cm/65kg people who walks in an open in door environment.
7. As the limit of Fresnel lens of the PIR sensor, detection range of axial movement larger than the range of radial movement.
8. Not suitable to be used in the environment with sudden changed temperature of airflow.
9. When ambient temperature approaches the human body temperature range(36°C~37°C/96.8~98.6°F), motion detection will significantly weaken or non-responsive.
10. When ambient temperature or LED tray temperature is higher than 40°C/104°F, false triggering may happen, please try to reduce detecting sensitivity to improve, if stays false triggering, the PIR sensor should not suitable to be used in the space.

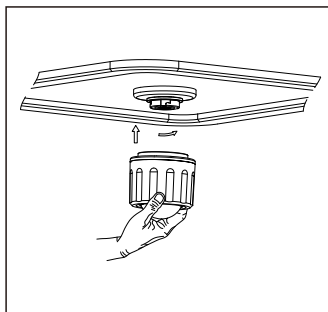
DIMENSION(mm)



LASER



INSTALLATION



PARAMETERS

Model	TY-MC079D IR ZB2
Input Range	12±1Vdc
Current	21±3mA
Signal	DIM 0-10V
Connection	Zhaga Book 18
Detection Area	10%/25%/50%/75%/100%
Daylight Sensor	5Lux/50Lux/100Lux/150Lux/300Lux (Photoell function enables automatically, when ambient brightness higher than preset level, sensor turns off light and stops working. When ambient brightness higher than preset level, it automatically turns on light.)
Hold Time	Optional Range 5s-60min, 1s per pace
Stand-by Dim Level	Brightness range 10%-50% in Slightly ON mode, 1% per pace Period range 1min-8hrs, 1min per pace
Daylight Harvesting Mode	Daylight Harvesting Function ON or OFF (Range 1-1000lux)
Dimming Range	10%-100%(determined by the LED driver)
Warm-up Period	45s
Detection Angle	≤120°(Fresnel Lens)
Installation Height	12m/39.37ft Max. Ceiling Mounted
Detection Distance	Radius≥ 3m/9.84ft Ceiling Mounted
Work Temperature	-20°C~-+55°C(-4°F~131°F)
IP Rating	IP65
Control	Bluetooth APP
Other Functions	Gradually ON & OFF Memory: Memory function works in power off

APP INSTRUCTION

1. APP download

Download the app from Google Play or APP Store

2.Pairing

Rapidly turn on and off 10 times to enter paring mode. Or long press "test" button for 5sec on remote control (contact manufacturer if need) to enter paring mode.

3.Add devices

- a. Choosing devices management(pic.1)
- b. Choosing the area has been built(pic. 2)
- c. Adding devices(pic.3-pic.6)
- d. Successfully added(pic.7)
- e. Choosing the device to set parameters (pic.8)

4.Grouping

- a. Choosing "Group" and add (pic.9)
- b. Switch on "Group Sync" to make sensors in the group in synchronization.

