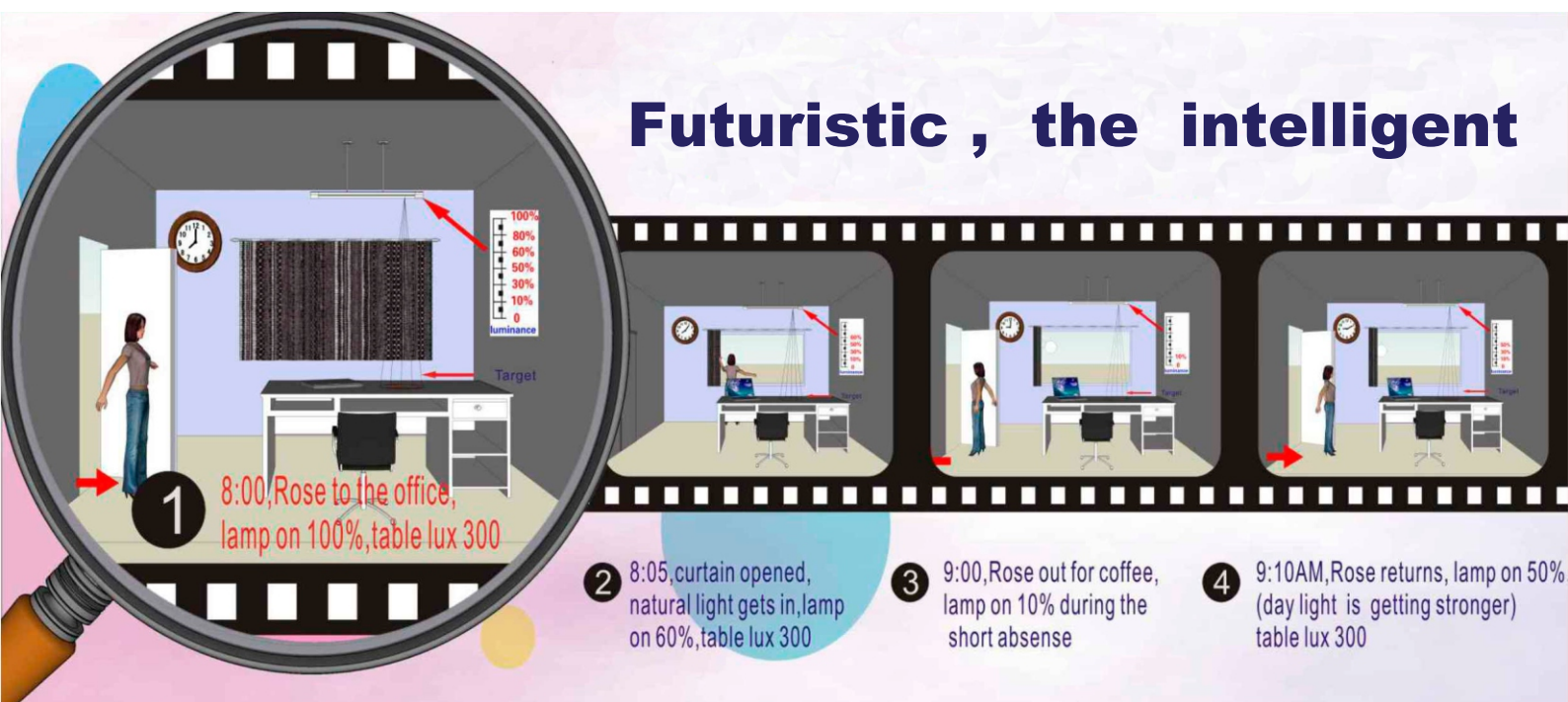


Futuristic , the intelligent



Microwave SensorDIM & Sensor Switch

SHENZHEN TRIS INTELLIGENT&TECHONOLGY CO.,LTD.

www.sztris.com



Company introduce

- ShenZhen Tris Intelligent & Technology Co., Ltd is professional high - tech products manufacturer who specialised in research and development of microwave solutions, such as: microwave modules, microwave applications, industrial ATM machine motion detectors and vibration detectors , civilian lighting sensors, SENSOR-DIM, microwave automatic lighting dimming system and etc. Our company won many good testimonials due to our company s strong policy of product quality control - 換quality win the market, after-sales service win testimonial



MicroSensor

We make your light smarter !

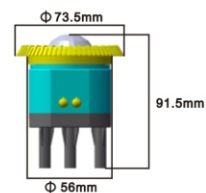
- Sensor dimmable led lighting
- Intelligent switch
- Sensor light
- Wall switch

TR-002



TR-002

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 6m(22~24°C)
 Time Setting: 10Sec~35Sec~2~30Sec.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

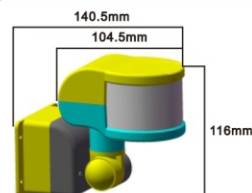


TR-003



TR-003

SPECIFICATIONS:
 Detection Angle: 180°
 Detection Range: 2-12m(22~24°C) (adjustable)
 Time Setting: 10Sec~35Sec~8~2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

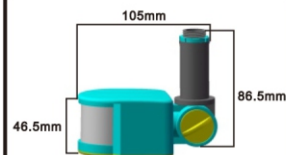


TR-901



TR-901

SPECIFICATIONS:
 Detection Angle: 180°
 Detection Range: 2-12m(22~24°C) (adjustable)
 Time Setting: 10Sec~35Sec~8~2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

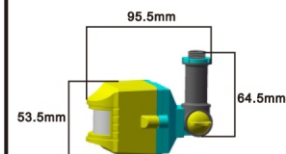


TR-902



TR-902

SPECIFICATIONS:
 Detection Angle: 120°
 Detection Range: 12m(22~24°C)
 Time Setting: 10Sec~35Sec~8~2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

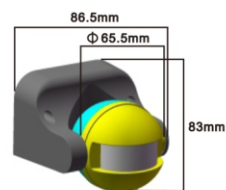


TR-907



TR-907

SPECIFICATIONS:
 Detection Angle: 180°
 Detection Range: 2-12m(22~24°C)
 Time Setting: 10Sec~35Sec~8~2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

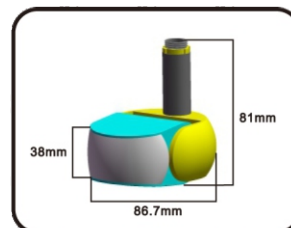


TR-903



TR-903

SPECIFICATIONS:
 Detection Angle: 180°
 Detection Range: 12m(22~24°C)
 Time Setting: 10Sec~12Sec~8s2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6~1.5m/s

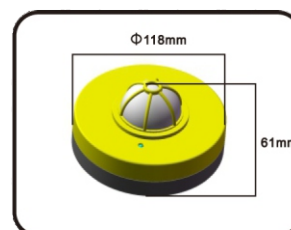


TR-904



TR-904

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m(22~24°C) (adjustable)
 Time Setting: 5Sec~10s2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6~1.5m/s

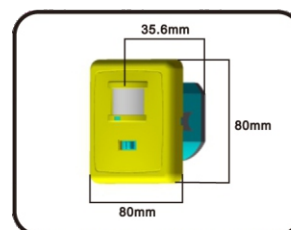


TR-906



TR-906

SPECIFICATIONS:
 Detection Angle: 160°
 Detection Range: 9m(22~24°C)
 Time Setting: 10Sec~35Sec~8s2Min.(adjustable)
 Power Source: 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: ES-P09A Max 500W
 ES-P09B Max 1200W
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Sound Contrl Sensitivity : 30DB-90DB(adjustable)
 Detection Motion Speed:0.6~1.5m/s

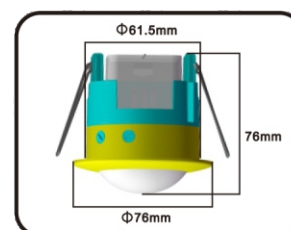


TR-908



TR-908

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 6m(22~24°C)
 Time Setting: 10Sec~12Sec~8s2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6~1.5m/s

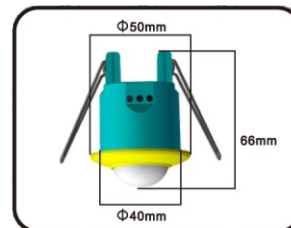


TR-909



TR-909

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 6m(22~24°C)
 Time Setting: 10Sec~12Sec~8s2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 300W (110~130V/AC)
 500W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6~1.5m/s





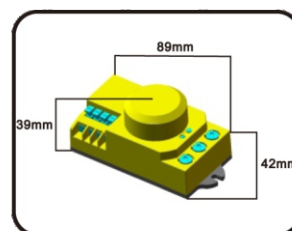
Microwave SensorDIM & Sensor Switch

TR-805



TR-805

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m (adjustable)
 Time Setting: 10Sec±3Sec~12±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W (220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

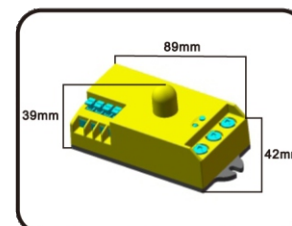


TR-807



TR-807

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m (adjustable)
 Time Setting: 10Sec±3Sec~12±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W (220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

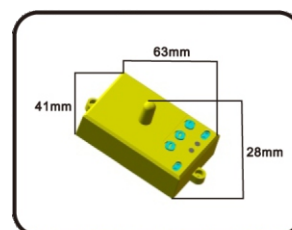


TR-828



TR-828

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-8m (adjustable)
 Time Setting: 10Sec±3Sec~20±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 2A
 Dimmable Range: 0~50%
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

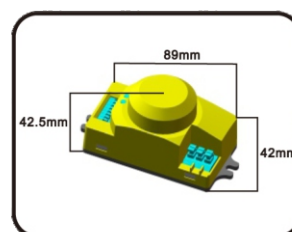


TR-8031



TR-8031

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m (adjustable)
 Time Setting: 10Sec±3Sec~12±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W (220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

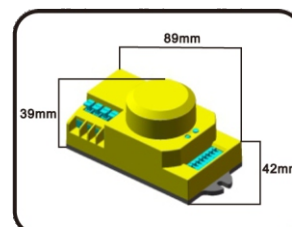


TR-8051



TR-8051

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m (adjustable)
 Time Setting: 10Sec±3Sec~12±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W (220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

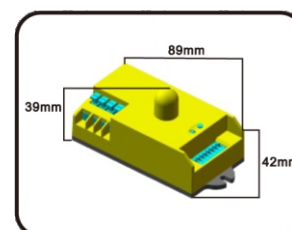


TR-8071



TR-8071

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 2-12m (adjustable)
 Time Setting: 10Sec±3Sec~12±2Min. (adjustable)
 Power Source: 110~130V/AC. 220~240V/AC
 HF System: 5.8GHz CW radar, ISM band
 Transmission Power: <10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W (110~130V/AC)
 1200W (220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height: 1.5~3.5m

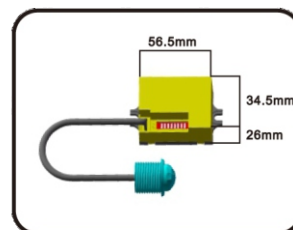


TR-001



TR-001

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 6m(22~24°C)
 Time Setting: 55Sec~225Sec-8±2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W(110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s

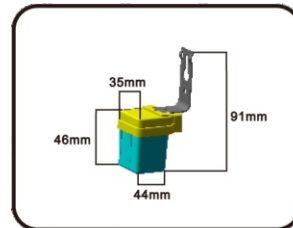


TR-701



TR-701

SPECIFICATIONS:
 Rated: 6A
 Power Source: 110~130V/AC
 220~240V/AC
 Power Frequency: 50/60Hz
 Ambient Light: <5Lux~15 Lux
 Product Description : The product can turn on or turn off light according to ambient-light; Ambient-temperature and humidity can't affect it. It is not only convenient but also practical, it can control the load working only at night. For instance road light, garden light etc.

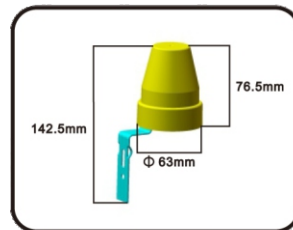


TR-702



TR-702

SPECIFICATIONS:
 Rated: 10A
 Power Source: 110~130V/AC
 220~240V/AC
 Power Frequency: 50/60Hz
 Ambient Light: <5Lux~15 Lux
 Product Description : The product can turn on or turn off light according to ambient-light; Ambient-temperature and humidity can't affect it. It is not only convenient but also practical, it can control the load working only at night. For instance road light, garden light etc.

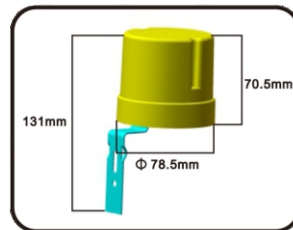


TR-703



TR-703

SPECIFICATIONS:
 Rated: 25A
 Power Source: 110~130V/AC
 220~240V/AC
 Power Frequency: 50/60Hz
 Ambient Light: <5Lux~15 Lux
 Product Description : The product can turn on or turn off light according to ambient-light; Ambient-temperature and humidity can't affect it. It is not only convenient but also practical, it can control the load working only at night. For instance road light, garden light etc.

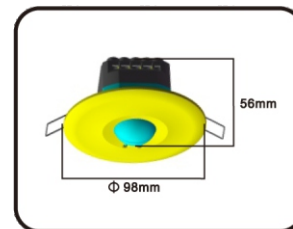


TR-86



TR-86

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range:2-12m(adjustable)
 Time Setting: 10Secs3Sec~12±2Min.(adjustable)
 Power Source: 110~130V/AC.220~240V/AC
 HF System:5.8GHz CW radar;ISM band
 Transmission Power:<10mW
 Power Frequency: 50/60Hz
 Rated Load: 800W(110~130V/AC)
 3000W.Max(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Installation Height:1.5-3.5m

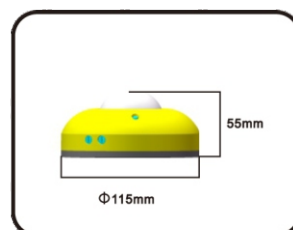


TR-905



TR-905

SPECIFICATIONS:
 Detection Angle: 360°
 Detection Range: 6m(22~24°C)
 Time Setting: 10Secs3Sec~8±2Min.(adjustable)
 Power Source: 110~130V/AC 220~240V/AC
 Power Frequency: 50/60Hz
 Rated Load: 800W(110~130V/AC)
 1200W(220~240V/AC)
 Working Humidity: <93%RH
 Ambient Light: <10Lux~2000 Lux (adjustable)
 Work Temperature: -10°C~+40°C
 Detection Motion Speed:0.6-1.5m/s





Microwave SensorDIM & Sensor Switch

Motion Sensor Switch (Switch On / Off function)



Standard version
TR-8010 (Rotary switch)



Standard version
TR-8011 (DIP switch)



Attachable version
TR-809



Economy version
TR-802 (mini)



Economy version
TR-803



Mini compact version
TR-828 (12V DC)



Ceiling version
TR-804



Infrared ceiling version
TR-901



Recessed version
TR-806

Motion SensorDIM(Dimming function)



Standard version
TR-D801



Attachable version
TR-D809



Infrared ceiling version
TR-D901



Recessed version
TR-D806



Infrared ceiling version
TR-D900



Advanced version
TR-D802

Commercial and household field application:

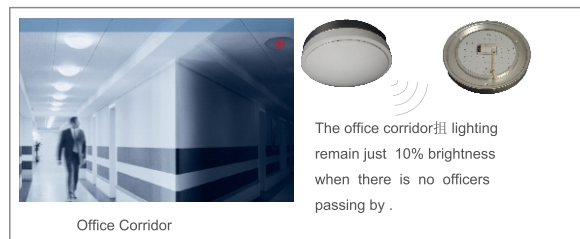
Besides our activity in building services engineering, we also focus on application in commercial and household fields, such as:

- Corridors
- Garage
- Bathroom
- Storeroom
- Stairwells

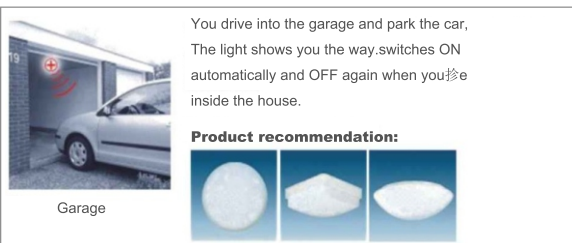
Our wide range of microsensor products will allow us to find the best solutions to meet your needs.



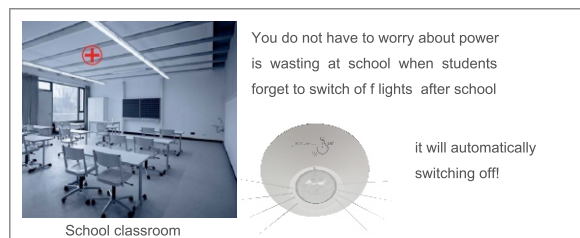
large corridor



Office Corridor



Garage



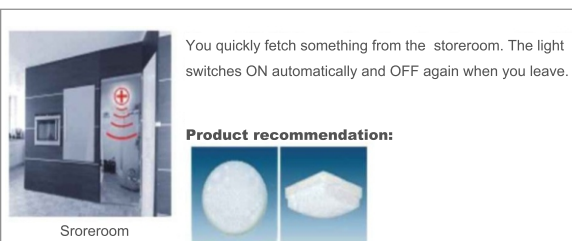
School classroom



Car park



Basement



Storeroom



Entrances, stairwells

Microsensor is an advance technology, base on Radar Principle and Doppler Principle. According to these 2 principle, our microsensor will detect the motion of a moving object, with a detectable speed and size, and gives out a crucial signal to any application units, telling it to perform certain activities, such as turning a lamp on, brightening a lamp or telling a escalator to speed up and etc.

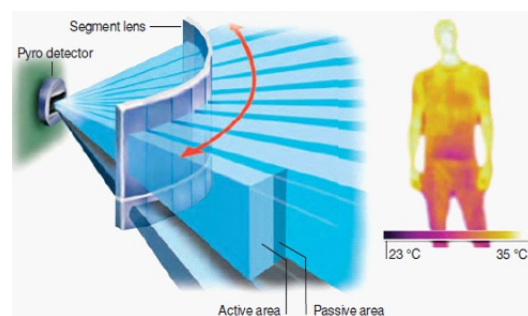
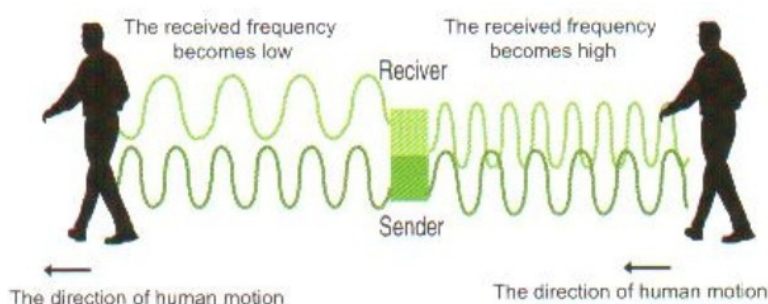
There is infrared sensor available in the market, why microsensor?

Yes, there is infrared sensor available, but look at some spectacular benefits of microsensor:

	Microsensor	Infrared Sensor
Activation	by motion	by infrared
Temperature influence	No influence	40 °C will affect its functionality
Penetrating ability	Microwave will penetrate any non-metal objects	No penetrating ability
Versatility due to environment	Functional in all environment	Non functional due to smoke or dust
Life	More than 100,000 hours	Estimated 10,000 hours
Stability	Extremely reliable and stable	Sensor len aging will reduce sensitivity

Here is some more advantages of Microsensor:

1. Due to its penetrating ability, microsensor can entirely enclosed inside (e.t a lamp). This will not affect the beauty of a lamp
2. Microsensor only emits very low transmission power (< 2mw). It is extremely safety usage as only 2% of a mobile phone
3. Extremely high customisation in term of detection region and angle.
4. High flexibility of adding optional functions such as daylight sensor, holdtime and stand-by time and brightness
5. No DALI protocol needed ?our specialised microsensor dimmer will not need DALI protocol or 0-10v interface power supply matching. We are the one and only to make microsensor dimmer, that will work with all kinds of lamps (LED, incandescent light, CFL lights)



Artificial light needs to be controlled to fit for the exact demand, no more, no less. Today, the prevailing lighting control method are digital controlled timer control. However, digital lighting control requires heavy initial investment and high maintenance cost. while timer control does not fit for different seasons and weather, and does not 100% match the real need.

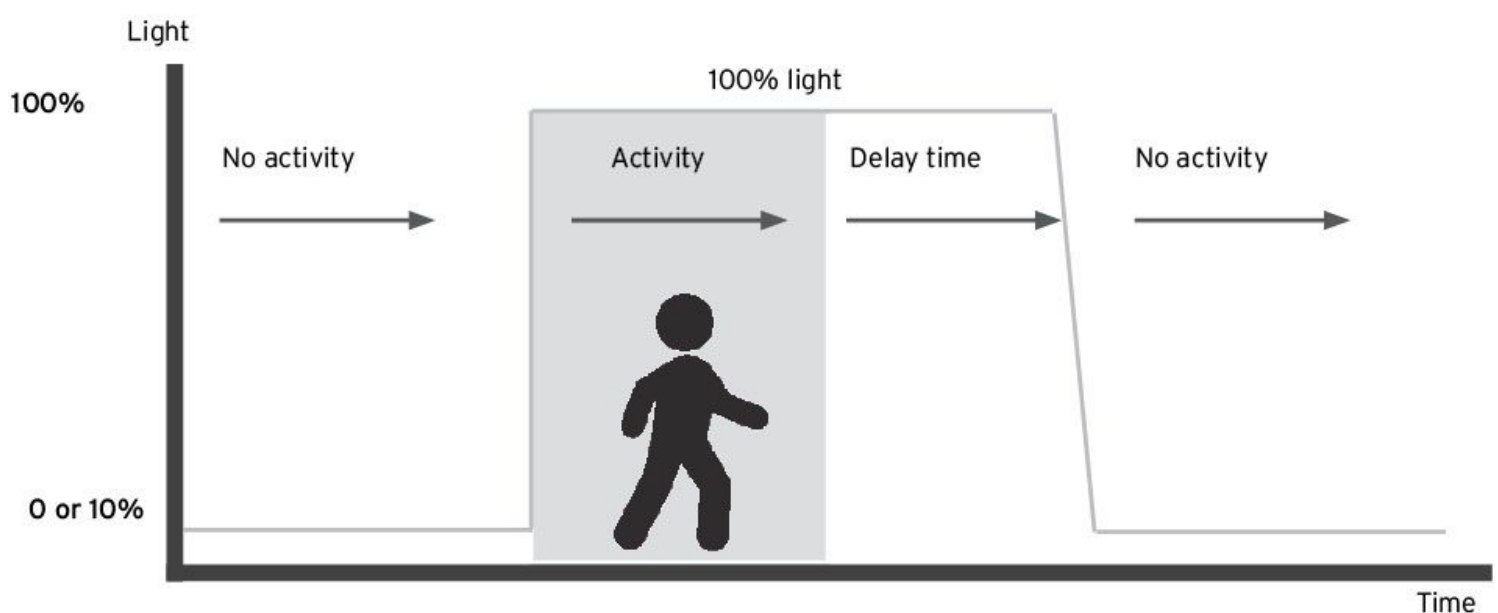
SensorDIM is a dynamic, fully automatic lighting management, which does 100% match the real need of artificial lighting. It switches on the light only when the surrounding daylight is below the pre-set threshold, and it switches on the lamp at 100% only when there is presence/occupancy of people is detected, and it switches off, or dims the lamp at 5%/10%/30%/50% low light level after the person leaves the detected area.

Therefore this SensorDIM dynamic, fully automatic lighting control gives the ultimate optimum energy saving and environmental care.

TRIS develops the SensorDIM system with independent intellectual property right, already mass produced the D series with this feature. It provides customers with the most comfortable lighting environment. The power saving can reach up to 75 % (in the condition of standby working mode) so you can realize a quick return on investment.

SensorDIM system is different from DALI system. We can achieve intelligent lighting control function without DALI or 0-10V interface. It is simple installation, simple wiring and easy to renovate the old lighting system. It meets the real needs and cut down the cost.

D series microwave SensorDIM controller is consist of microwave sensor and a group of presetting controller modules.



Motion sensor switch - Standard version

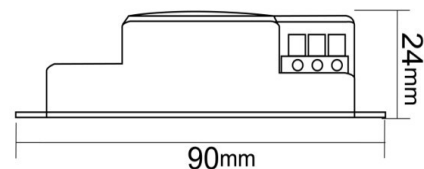
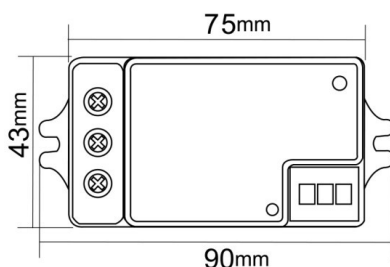
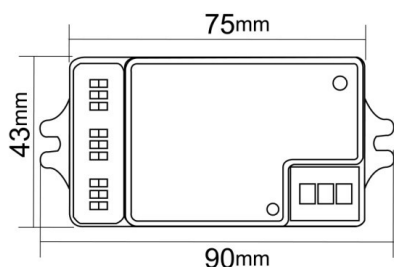


TR-8011(DIP switch)



TR-8010(Rotary switch)

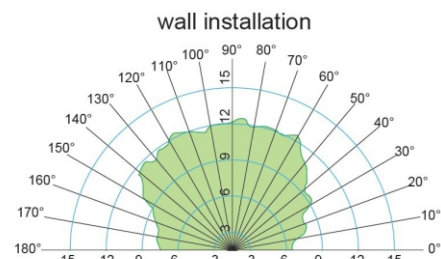
PRODUCTS SIZE



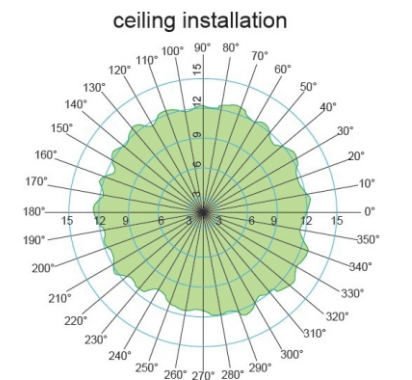
TECHNICAL SPECIFICATIONS

1	Operating voltage	220-240V/AC
2	Rated load	800 W (Max. Resistive load) 400W(Max. inductive Load)
3	Detection area	1-10 meters
4	Time setting	5sec-10min
5	Light control	2~2000lux, can be customized
6	Microwave frequency	5.8GHz +/-75MHz
7	Transmission power	<0.2mW
8	Installation	Ceiling mounting, wall installation
9	Detection angle	180
10	Mounting height	Max. 5 meters
11	Operating temperature	-35°C~+70°C
12	IP rating	IP20
13	Product size(L*W*H)	90*43*75mm

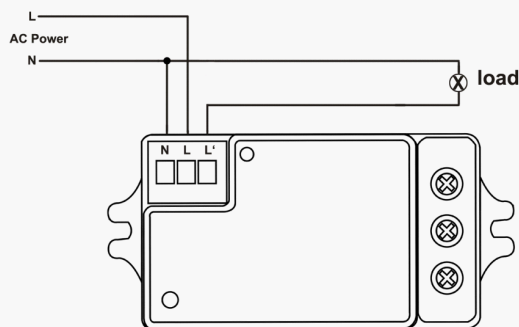
DETECTING AREA CHART



⚠ suggested installation height 1.1-1.8m
Detection range may change due to different installation height



⚠ suggested installation height 2.5-5m
Detection range may change due to different installation height



Connect N,L with power;
Connect N,L' with load

TR-8010 settings:



Detection range setting (Sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the detection control fully anti-clockwise to select minimum detection range (approx. 1m), and fully clockwise to select maximum detection range (approx. 10m).



Time setting

The light can be set to stay ON for any period of time between approx. 5 sec (turn fully anti-clockwise) and a maximum of 10min (turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.



Light-control setting

The chosen light response threshold can be infinitely from approx. 2-2000lux. Turn it fully anti-clockwise to select dusk to dawn operation at about 2 lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

TR-8011 settings:

Daylight Sensor

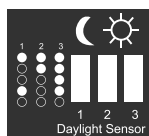
	1	2	3	
A	●	●	●	5Lux
B	○	●	●	10Lux
C	○	○	●	30Lux
D	●	○	●	100Lux
E	○	○	○	Disable

Hold Time

	1	2	3	
A	●	●	●	5S
B	○	●	●	15S
C	○	○	●	180S
D	●	○	●	300S
E	○	○	○	600S

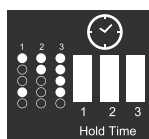
Detection Area

	1	2	3	
A	●	●	●	10%
B	●	○	●	30%
C	●	●	○	50%
D	○	●	○	80%
E	○	○	○	100%



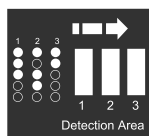
Light-control setting (Daylight sensor)

The chosen light response threshold can be infinitely from approx. 5-100lux. It contains a daylight sensor in order to allow a function only below a defined brightness threshold.



Time setting (Hold time)

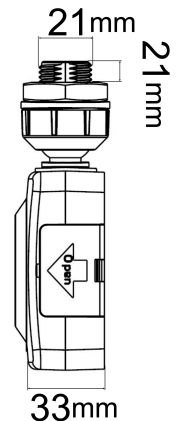
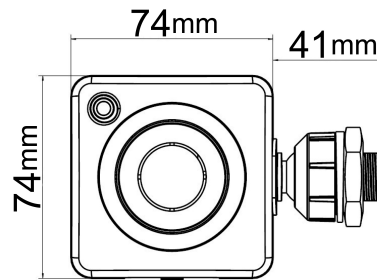
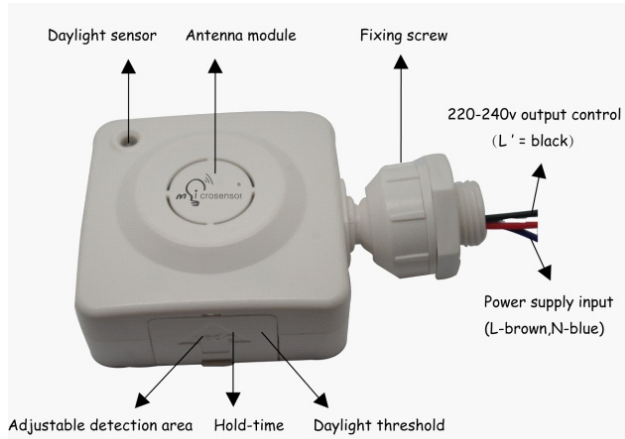
The light can be set to stay ON for any period of time between 5sec to 10min. Any movement detected before this time elapse will re-start the timer.



Detection range setting (Sensitivity)

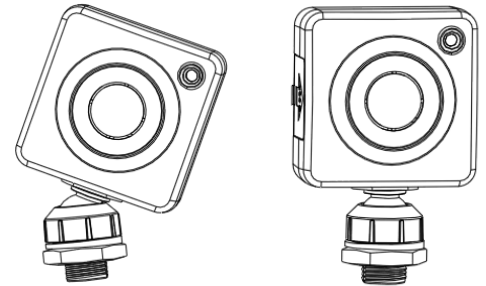
Detection area can be reduced by selection the combination on the DIP switches to fit precisely for each specific application (100%, 80%, 50%, 30%, and 10%).

Motion sensor switch - Attachable version



**This sensor is for the external installation .
To attach to ther outside of the fixture.**

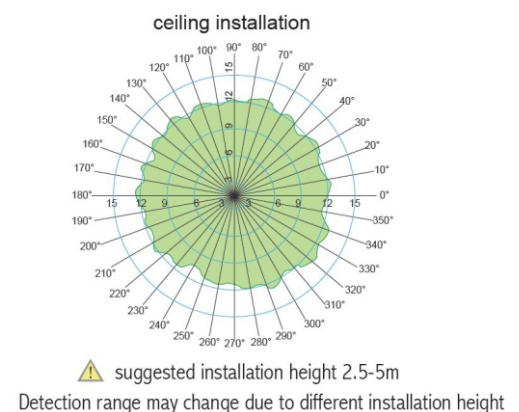
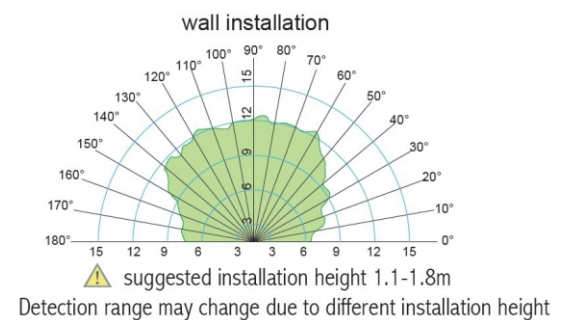
Adjustment sphere angle 25 degree



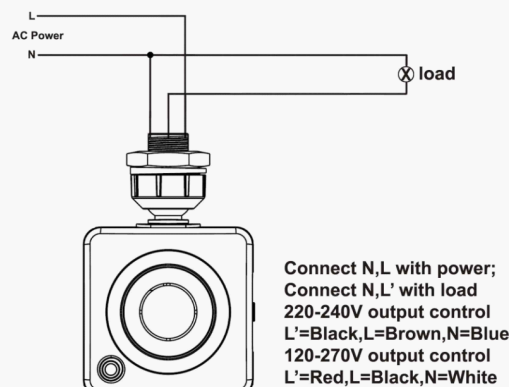
TECHNICAL SPECIFICATIONS

1	Operating voltage	220-240V/AC
2	Rated load	800 W (Max. Resistive load) 400W(Max. inductive Load)
3	Detection area	1-10 meters
4	Time setting	5sec-10min
5	Light control	2~2000lux, can be customized
6	Microwave frequency	5.8GHz +/-75MHz
7	Transmission power	<0.2mW
8	Installation	Ceiling mounting, wall installation
9	Detection angle	180
10	Mounting height	Max. 5 meters
11	Operating temperature	-35°C~+70°C
12	IP rating	IP20
13	Product size(L*W*H)	74*74*41mm

DETECTING AREA CHART



Wiring diagram



TR-8090 settings:



Detection range setting (Sensitivity)

Detection range is the term used to describe the radii to the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the detection control fully anti-clockwise to select minimum detection range (approx. 1m), and fully clockwise to select maximum detection range (approx. 10m).



Time setting

The light can be set to stay ON for any period of time between approx. 5 sec (turn fully anti-clockwise) and a maximum of 10min (turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

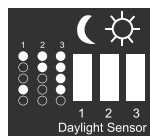


Light-control setting

The chosen light response threshold can be infinitely from approx. 2-2000lux. Turn it fully anti-clockwise to select dusk to dawn operation at about 2 lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

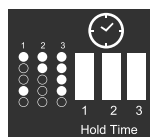
TR-8091 settings:

Daylight Sensor					Hold Time					Detection Area				
	1	2	3			1	2	3			1	2	3	
A	●	●	●	5Lux	A	●	●	●	5S	A	●	●	●	10%
B	○	●	●	10Lux	B	○	●	●	15S	B	●	○	●	30%
C	○	○	●	30Lux	C	○	○	●	180S	C	●	●	○	50%
D	●	○	●	100Lux	D	●	○	●	300S	D	○	●	○	80%
E	○	○	○	Disable	E	○	○	○	600S	E	○	○	○	100%



Light-control setting (Daylight sensor)

The chosen light response threshold can be infinitely from approx. 5-100lux. It contains a daylight sensor in order to allow a function only below a defined brightness threshold.



Time setting (Hold time)

The light can be set to stay ON for any period of time between 5sec to 10min. Any movement detected before this time elapse will re-start the timer.



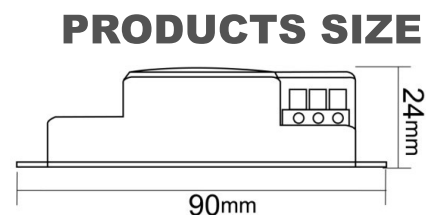
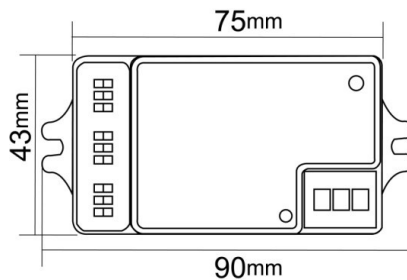
Detection range setting (Sensitivity)

Detection area can be reduced by selection the combination on the DIP switches to fit precisely for each specific application (100%, 80%, 50%, 30%, and 10%).

Motion SensorDIM - Standard version



TR-D801



TR-D801 is specially designed for LED lamps, to perform some motion detection dimming functionality. One of its advantages is that TR-D801 do not need include DALI protocol or 0-10V interface power supply. That means it can work with any kind of normal LED drivers.

TR-D801 will turn on LED lamp to 100% brightness when it detect motion and present of human being in the specific area.

When there is no motion or present of human being detected, TR-D801 will dim down LED lamp into a customised brightness (0% / 5% / 10% / 30% / 50%), after a customised hold time (5s / 15s / 600s and etc)

Through our professional and special circuit design, TR-D801 will achieve a beautiful dimming effect of a LED lamp visually.

TR-D801 can be applied to control either constant current or constant voltage LED drivers, to achieve a greener energy saving efficiency.

Applications

- Intelligent switch
- Wall switch
- Sensor light

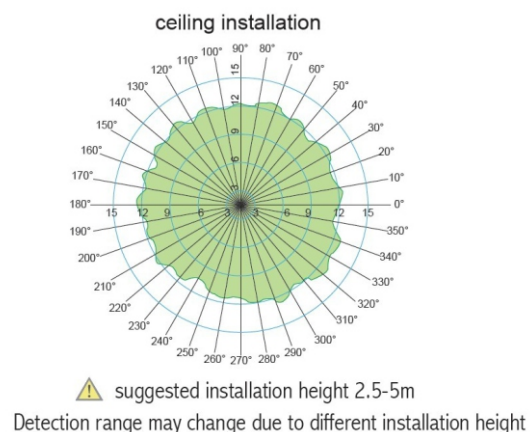
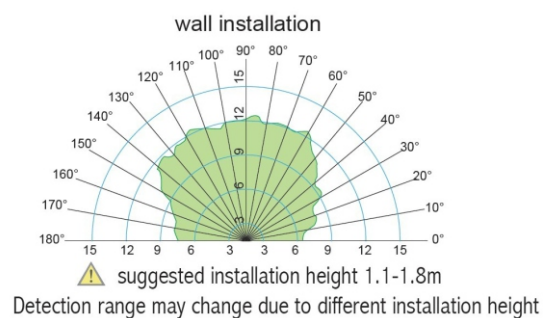
Signature Strengths

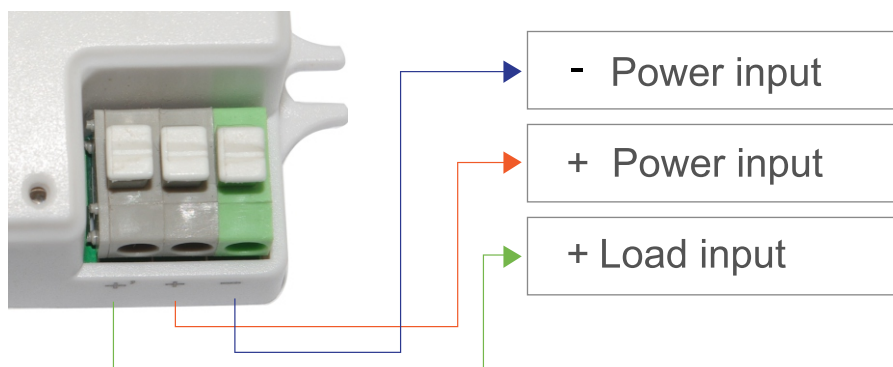
- Adjusting light automatically
- Widely inducting range
- We tube protection

TECHNICAL SPECIFICATIONS

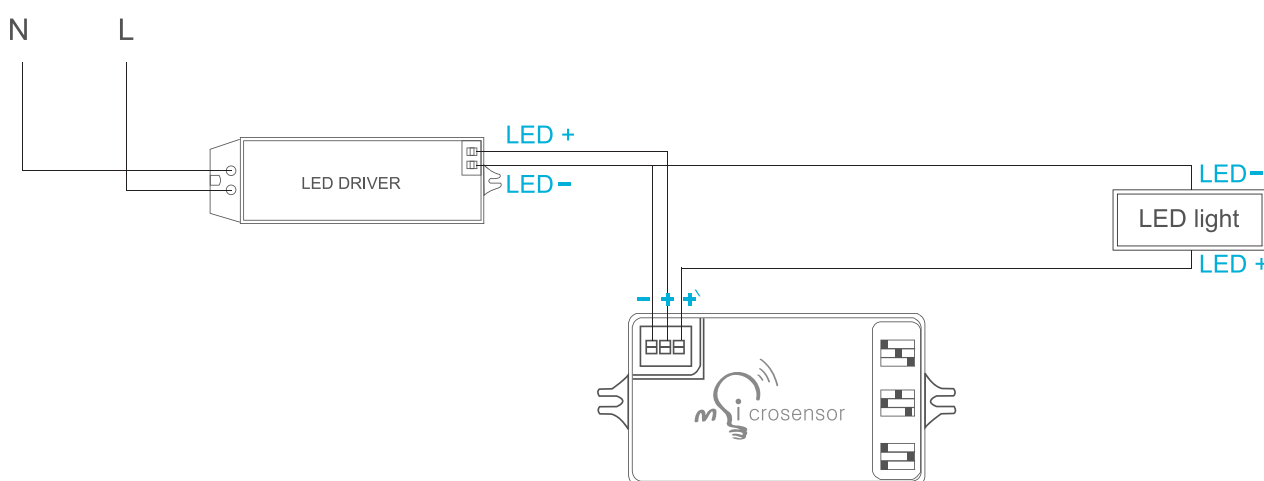
1	Operating voltage	30V ~ 100V DC
2	Rated load	60W (Max.)
3	Standby power	<0.9W, Not include power supply
4	Detection area	10%/30%/50%/80%/100%, can be customized
5	Hold Time	5s/15s/3min/5min/10min, can be customized
6	Standby Dimming level	0%/5%/10%/30%/50%, can be customized
7	Microwave frequency	5.8GHz +/-75MHz
8	Microwave power	<2mW
9	Detection range	1 - 10 meters
10	Detection angle	180
11	Mounting height	Max. 5 meters
12	Operating temperature	-35°C ~ +70°C
13	IP rating	IP20
14	product size (L*W*H)	90*43*24mm

DETECTING AREA CHART





Note: The working voltage is DC?100V, and sensors interface for three wires

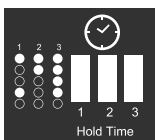


TR-D801 Settings:

Hold Time				
	1	2	3	
A	●	●	●	5S
B	○	●	●	15S
C	○	○	●	180S
D	●	○	●	300S
E	○	○	○	600S

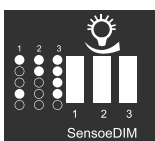
SensorDIM				
	1	2	3	
A	●	●	●	0%
B	○	●	●	5%
C	○	○	●	10%
D	●	○	●	30%
E	○	○	○	50%

Detection Area				
	1	2	3	
A	●	●	●	10%
B	●	○	●	30%
C	●	●	○	50%
D	○	●	○	80%
E	○	○	○	100%



Hold time setting:

The light can be set to stay ON for any period of time between 5s to 10min. Any movement detected before this time elapse will re-start the timer.



Sensor-DIM Setting:

This is dimmed low output level after the hold time in the absence of people.



Detection range Setting:

Detection area can be reduced by selection the combination on the DIP switches to fit precisely for each specific application (100%, 80%, 50%, 30%, and 10%):

感应LED吸顶灯 10W/12W

卡式简易安装 灵敏度/延时时间可调



PSL-001-10W

Sensor intelligent technology

SPECIFICATION

Power Sourcing:220V/AC-240/AC

110V/AC-130V/AC

Battery:3xAA 3.6V 2200mAh

Power Frequency:50Hz

Detection Range:360°

Working Temperature:-20~+40℃

Working Humidity:<93%RH

Ambient Light:5-2000LUX(adjustable)

Installation Height:1.5m~3.5m

Time-Delay:min:5sec±3sec

max:5min±30sec

Detection Distance:max.7m(<24℃)

Detection Motion Speed:0.6~1.5m/s

Rated Load:max:12W

SPECIFICATION

Power Sourcing:220V/AC-240/AC

110V/AC-130V/AC

Power Frequency:50Hz

Detection Range:120°

Working Temperature:-20~+40℃

Working Humidity:<93%RH

Ambient Light:5-2000LUX(adjustable)

Installation Height:1.5m~3.5m

Time-Delay:min:5sec±3sec

max:5min±30sec

Detection Distance:max.8m(<24℃)

Detection Motion Speed:0.6~1.5m/s

Rated Load:max:LED10W



PSL-002-12W

Sensor light



Storeroom

You quickly fetch something from the storeroom. The light switches ON automatically and OFF again when you leave.

Product recommendation:



PSL-001

PSL-002



Corridors

YOU child needs to get up in the night. The landing lights up automatically.

Product recommendation:



PSL-001

PSL-002



Garage

You drive into the garage and park the car. The light you the way. switches ON automatically and OFF again when you're inside the house.

Product recommendation:



PSL-001

PSL-002



Large corridors

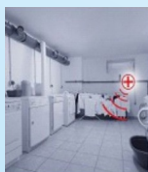
Light hotel corridors and industrial buildings efficiently. High energy-cost saving and low service costs.

Product recommendation:



PSL-001

PSL-002



Basement

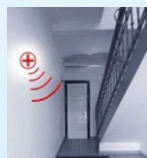
You go down into the basement with both hands full. The light switches ON automatically and OFF again when you leave.

Product recommendation:



PSL-001

PSL-002



Entrances,
stairwells

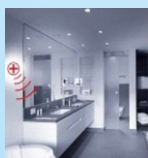
You get home. The light welcomes you automatically and switches OFF after you let yourself in.

Product recommendation:



PSL-001

PSL-002



Guest's bathroom

Save the convenient way. Your guests are pleased the light comes ON automatically. You can be sure that nobody leaves the light on unnecessarily.

Product recommendation:



PSL-001

PSL-002

深圳市腾日智能科技有限公司

SHENZHEN TRIS INTELLIGENT&TECHNOLOGY CO., LTD.

生产地址: 深圳市龙华新区大浪街道办华霆路
豪迈高新技术园右侧独栋

产品展厅: 深圳市福田区华强北华强广场六楼
Q6E1072

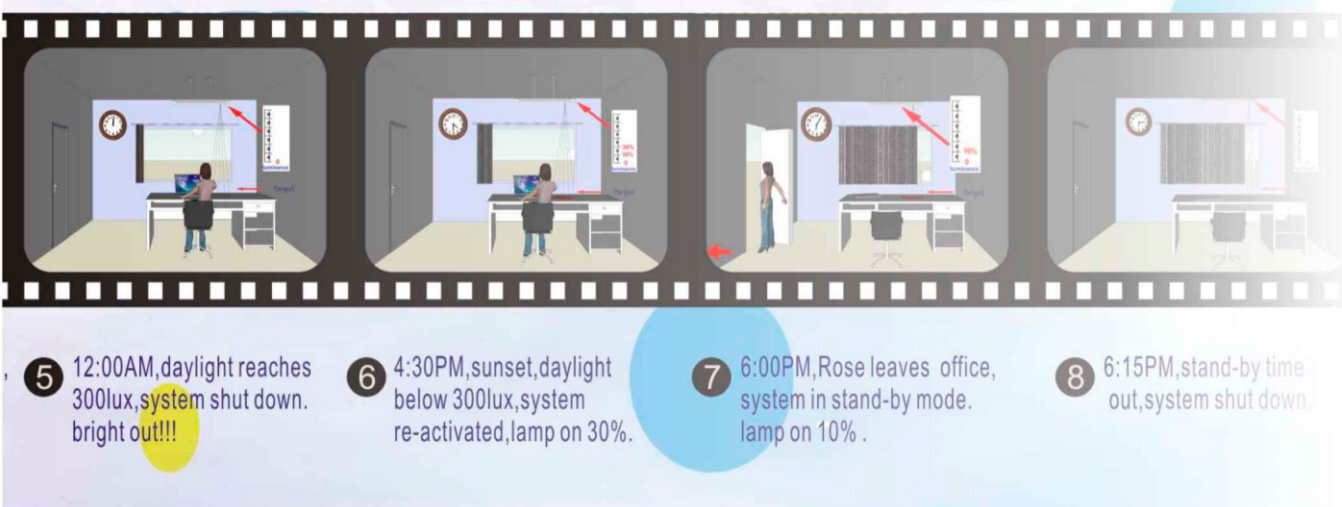
电话: 0755-82779114
网址: www.sztris.com

联系人: 林先生(13554996690)
QQ: 1279977318/1072168833



关注微信公众号

Lighting Sensing Expert .



SHENZHEN TRIS INTELLIGENT & TECHNOLOGY CO., LTD.

E-mail: sales@sztris.com

Tel : 0755-82664119

QQ: 1072168833

SKYPE : sze2ray

Fax: 0755-82664110

Mobile: 13554996690

Jason

Address: 1-3/F, Building 1, Haomai Hi-Tech Park, Huafeng RD, Dalang, Longhua Town, Baoan Shenzhen

Exhibition hall: No.Q6E1072, Shenzhen led International Trading Centre, 6/F, Huaqiang IT-MALL, North of Huaqiang Road, Shenzhen, P.R.C

