



About Merrytek

Facing the sensor technology, which is one of the three pillars of modern information technology, together with communication technology and computer technology, we have only worked hard for 15 years from focusing on the microwave sensor market to the frontier exploration of space management, but it never stops.....

Founded in 2011, Merrytek is an internationally renowned professional technology company that focused on researching and developing, manufacturing and marketing of microwave sensors, sensor DIM drivers, dimmable LED drivers, and emergency converters.

In 2021, we were selected as the National Special New "Little Giant" Enterprise.

In 2022, we got the title of "National Intellectual Property Advantage Enterprise".

In 2023, we won "SHENZHEN TOP BRAND" Award.

With one-third of its personnel in R&D department, Merrytek has been authorized more than 500 patents at home and abroad and more than 150pcs patents under acceptance.







Leading innovation · sensing infinite

Fine cultivation microwave radar detection technology and application for 15 years.

Low impedance antenna international patent, crack the industry problem that traditional microwave sensor is vulnerable to WiFi, 5G, Bluetooth and other wireless signal interference environmental adaptability.

The international patent 5.8GHz microwave sensor is used for biological detection such as motion, minor-motion and breath signal.

24GHz millimeter wave human body Lifebeing sensor series is used for heartbeat signal detection, and unlocks microwave sensing. Used in many fields such as smart homes, smart buildings, smart elderly care, security monitoring, etc.

8

R&D team: 95

Pre-research preparation: 7

11

Number of enterprises: 268

86.

Company size: 11,000m²

Registered capital: 15 million

(¥)

Headquarters Address: Shenzhen•Guangdong

Technological Evolution

2008

The first generation planar antenna microwave detection technology

It takes the lead in unlocking 5.8GHz planar micro-band antenna scheme in China to replace infrared induction matching luminaries and solve the problems of complex structure, short life and easy interference from environmental changes of induction luminaries.









2015

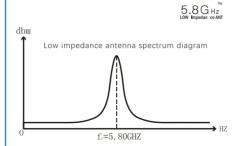
The first generation planar antenna high-mounted microwave detection technology

It is the first in the industrial and mining luminaries that supports 15m installation height, promoting the application of microwave induction energy saving schemes in high-roof environments such as warehouses, halls and museums,



The second generation planar antenna microwave detection technology

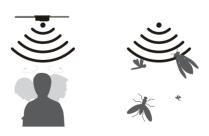
Resistance-capacitance step-down power supply, output positive and negative control relay, reduce stand-by power consumption, optimize product volume, reduce raw material cost.



2014

Minor-motion technique

It is the first microwave sensing in the industry that uses microwave to detect minor movement (head up, head shaking, body movement, etc.), laying a technical foundation for the presence of induction.



Minor-motion technique

Using the core patent algorithm to resist the breeze, drizzle, birds and mosquitoes caused by the false trigger, laying the foundation for outdoor application of microwave technology.

2017

Leading innovation · sensing infinite

2018

Narrow planar microwave antenna

Miniaturized planar microwave induction antenna suitable for small size luminaries.

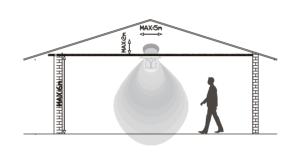




2020

Antithetical dipoles technology

Using Antithetical dipoles antenna, small opening size, high gain, large beam angle, widely used in tri-proof light, line lights, etc, to solve the problem that detection area is short and the performance is unstable in parking lot application



Daylight harvesting control technology Low impedance planar antenna technology Hybrid detection technology (Algorithm Breakthrough) 5.8GHz microwave breath presence detection technique

The industry is the first to use 5.8GHz, ISM microwave frequency band to detect the stationary presence of human body. The product adopts the 'dual-feed high-gain large-beam angel' low-impedance antenna independently developed by Merrytek. The product can resist 2.4GHz Bluetooth, WiFi, ZigBee and other wireless interference signals, and also has the ability to detect breathing signals when the human body is at rest to realize the human presence detection function.



The second generation planar antenna highmounted microwave detection technology

2019

Human body Lifebeing and posture recognition and detection technology

Adopt 60GHz millimeter wave radar 4D imaging technology and adopt AI algorithm and deep self-learning, adaptive algorithm! Identify human walking track and posture detection(fall detection)and human Lifebeing detection! Become the star product of the pension industry!

Differential antenna and new disturbance rejection algorithm technology

New antenna and differential balance mixing circuit, close to 0.1MW weak power current transmission, to achieve the compatibility of the same frequency band equipment, no interference, no wall, no glass, no self-excitation, suitable for indoor environment accurate detection and interval definition.

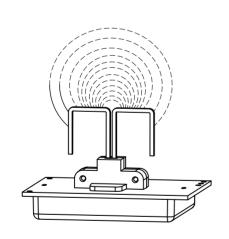




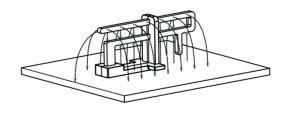
2022

Core Patent

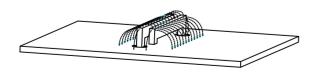
Low impedance antenna technology patent	50+
Lifebeing detection technology patent	60+
Antithetical dipoles antenna technology patent	60+
Circular polarized antenna technology patent	35+
Horizontal half wave folding antenna technology patent	50+
Differential antenna technology patent	25+



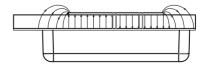
Antithetical dipoles



Horizontal half wave folding antenna



Differential antenna



Planar antenna

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Certification



























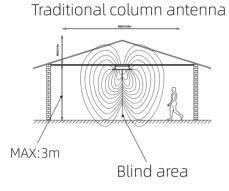




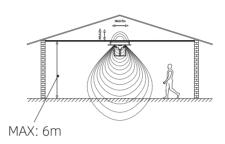


Antithetical Dipoles Antenna Series Sensor





Antithetical dipoles







MC098S 99

MC087D 99

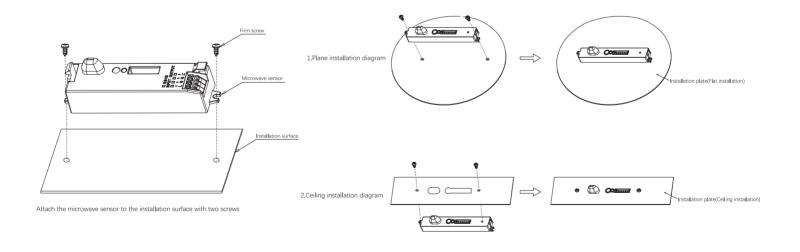
- Antithetical dipoles antenna design, it has the advantages of low back lobe, ultra anti-interference ability, concentrated radiation energy and no detection blind area
- Migh-gain, large beam angle, suitable for parking lots and other scenes that are open, require long distances and high reliability

Mini Antithetical Dipoles Antenna Series Sensor

- Patented mini antithetical dipoles antenna, suitable for various luminaries without false trigger
- (iii) Long strip shell, mini antithetical dipoles antenna designed, which can built-in lamps and not effect light distribution
- (iii) Low side lobe, solve the pain point of false trigger when microwave module installs below metal tray



Installation Diagram





MC079D 99 Zhaga Book 18 Interface High Mounting Series

Microwave Type



MC079D 99 Z Microwave sensor



MC079D 99 ZB Microwave+Bluetooth

Microwave Type



MC079D IR Z PIR sensor



MC079D IR ZB PIR sensor+ Bluetooth

- Patented high-gain antenna, suitable for high installation environments such as warehouses.
- Standard Zhaga Book 18 interface, easy to install and replace.
- Patented high and low sensitivity is optional, without false triggering in metal environments.

Lifebeing Series

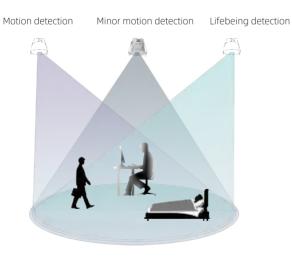
- The product adopts 24GHz high-gain large-beam Doppler radar technology
- (a) Adopts lifebeing detection technology, can detect motion and breathing signal accurately
- Low RF power output, no harm to human health
- Round radiation pattern, no dead angle coverage
- () Compact size built-in installation, used in ceiling lamps and linear lights
- Support to set parameters by remote control MH10 and dip switch





MSA209D RC MSA213D 99

Accurate Detection



Multi-scenario Application





Conference room

Office

Content

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MC030S L	04
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MC068D RC	09
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Leading innovation · sensing infinite

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01 Ceiling Lamps

Microwave Sensor











Microwave Sensor LED Driver







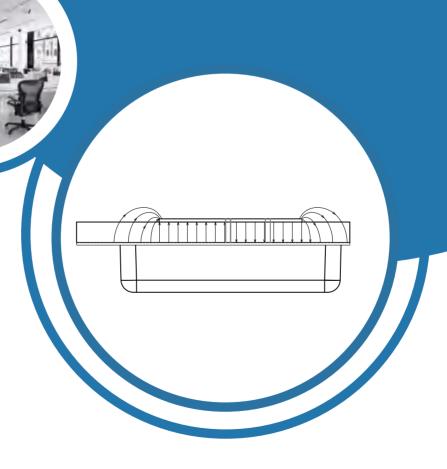
Planar Antenna

The Advantages and Features

Semi-open diretional radiation is formed based on the action of reference surface, the radiation energy is evenly distributed on the front side and there is no detection blind area. It is has unique balance in the adaptability of luminaries

Low antenna height, perfectly suitable for the application of wall lamps, T8 lamps and other luminaries with thin requirements

The low impedance feature can combat non-resonant frequency signals, peripheral radiation and interference, improving anti-interference ability. It can adapt to more complex and densely distributed radio frequency signal environments



MC119S

ON/OFF Sensor













Low impedance Motion detection ON/OFF function Daylight sensor



Product Features

- ≤ 0.2W super low stand-by power
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Compacts size, easy to install
- Set parameters by dip switch



Adapted Luminaires







Wall lamp



Application



Stairwell



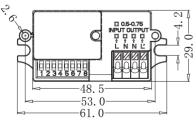
Balcony



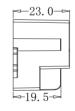
Hallway



Dimension / Parameter



Unit: mm



Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load: 400W(Resistive load) / 200W(Inductive load)

220-240V AC, 50 / 60Hz Rated Voltage:

Output Signal: ON / OFF Signal

Stand-by Power: ≤ 0.2W

Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 3m

IP Rating: **IP20**

ON/OFF Sensor

RED (€



MC030S L











Low impedant

pedance Motion detectio

n ON/OFF function

Daylight sensor

5 years warranty



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Sales exceeded 1000W+
- Classic ON/OFF function sensor
- High reliability, high quality model
- Set parameters by dip switch





Adapted Luminaires









Stairwell

Application





Ceiling lamp

Wall lamp

Balcony

Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load: 800W(Resistive load) / 400W(Inductive load)

Rated Voltage: 220-240V AC, 50 / 60Hz

Output Signal: ON / OFF Signal

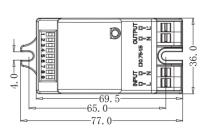
Stand-by Power: ≤ 0.5W

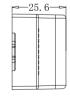
Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20





Unit: mm

MC090S E

ON/OFF Sensor















Low impedance Motion detection ON/OFF function Daylight sensor Resist flying insects 5 years warranty



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Infrared light filtering technology, no deviation for daylight detecting in sunny, cloudy or rainy day
- Set parameters by dip switches





Adapted Luminaires







Wall lamp



Application



Stairwell



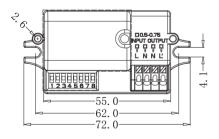
Balcony



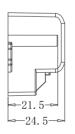
Hallway



Dimension / Parameter



Unit: mm



Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 800W(Resistive load)

400W(Inductive load)

220-240V AC, 50 / 60Hz Rated Voltage:

Output Signal: ON / OFF Signal

Stand-by Power: ≤ 0.5W

Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20

ON/OFF Sensor

RED (€

MC095S











Low impedance

ance Motion detection

ON/OFF functio

Daylight sensor

5 years warranty



Product Features

- Ultra-thin housing design, adapts to a variety of thin lamps
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- ≤ 0.2W stand-by power, comply with the latest ERP energy efficiency standard
- Not affected by temperature, humidity, noise, airflow, dust, light and other environments
- Set parameters by dip switch





Adapted Luminaires



Application











Ceiling lamp

Tri-proof light

Aisle

Parking lot

Hallwav



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load: 800W(Resistive load)

400W(Inductive load)

Rated Voltage: 220-240V AC, 50/60Hz

Output Signal: ON / OFF Signal

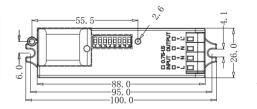
Stand-by Power: ≤ 0.2W

Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 2.5m

IP Rating: IP20





MC083S RC

ON/OFF Sensor











Motion detection ON/OFF function Daylight sensor



Product Features

- The product has built-in light sensing detection, which can realize the functions of human body movement and light control switching
- Patented high-gain antenna, which is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to strong reflective or metal environments without false triggering
- Set parameters by dip switch and remote control





Adapted Luminaires









Wall lamp



Application





IP Rating



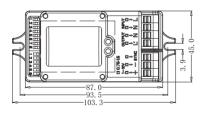
Stairwell



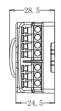
Hallway



Dimension / Parameter



Unit: mm



Working Frequency:	5.8GHz±75MHz, ISM Band
Rated Load:	3A @ 120V AC / 2A @ 277V AC
Rated Voltage:	120 / 277V AC, 50 / 60Hz
Output Signal:	ON / OFF Signal
Stand-by Power:	≤ 1W
Mounting Height:	10m (Typical value)
	12m (Maximum value)
Detection Radius:	≥ 3m

IP20

Dimming Sensor

RED C€

MC002D 6













Low impedance

Dimming function Motion detection

ON/OFF function

Daylight sensor

5 years warranty



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Filter out infrared light technology, which solve the problem of large deviation of light sensing detection in sunny, cloudy and rainy days
- Set parameters by dip switch





Adapted Luminaires



Application











Ceiling lamp

Wall lamp

Stairwell

Balcony

Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 12±1V DC

Working Current: $15 \pm 2mA$

Output Signal: 5V high and low level signal

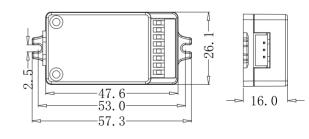
PWM dimming signal

Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20



Unit: mm

MC068D RC

Dimming Sensor













Low impedance Dimming function Motion detection ON/OFF function

Product Features

- DC module is a cost-efffective solution. Compact size, compatible with a variety of lighting structures
- Compatible with PWM and 0-10V output designs
- Ultra-thin shape design, can be built into thin lamp
- Set parameters by remote control



Adapted Luminaires







Wall lamp

Application



Stairwell

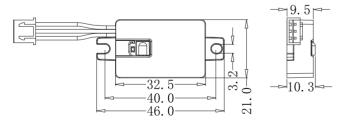


Balcony



Hallway

Dimension / Parameter



Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band Rated Voltage 5-12V DC

Working Current: $15 \pm 2mA$

Output Signal: 5V PWM signal

0-10V DC dimming signal

Mounting Height: 3m (Typical value)

4m (Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20

Dimming Sensor

((

MC049V















High-gain

imming function Motion detection

Wired networ

work ON/OFF fur

nction Daylight sense

sensor 5 years warran

Product Features

- The sensor adopts the latest microwave circuit design, with 1-10V LED dimming driver, it can realize two-step or three-step dimming function
- Patented high-gain antenna, which is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to strong reflective or metal environments without false triggering
- The product has a synchronization port, and multiple sensors can wake up the lamps synchronously
- Maximum mounting height is 12m, can adapt to various installation environments



Adapted Luminaires



Application







Tri-proof light



Parking lot



Warehouse



Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load: 800W (Resistive load)

1200W (Inductive load)

Rated Voltage: 220-240V AC, 50 / 60Hz

Output Signal: 1-10V DC dimming signal

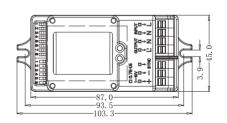
Stand-by Power: ≤ 0.5W

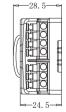
Mounting Height: 10m(Typical value)

12m(Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20





Unit: mm

MC083V RC

Dimming Sensor

C C CUL US LISTED















Product Features

- The product has built-in light sensing detection, with 1-10V LED dimming driver, it can realize two-step or three-step dimming function
- Patented high-gain antenna, which is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to strong reflective metal environments without false triggering
- Maximum mounting height is 12m
- Set parameters by dip switch





Adapted Luminaires



Ceiling lamp



Tri-proof light



Application



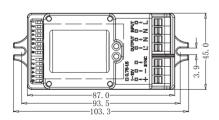
Stairwell



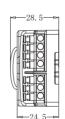
Parking lot



Dimension / Parameter



Unit: mm



Working Frequency: 5.8GHz±75MHz, ISM Band Rated Load: 3A@120V AC, 2A@277V AC 120-277V AC, 50 / 60Hz Rated Voltage: Output Signal: ON / OFF signal, 1-10V DC dimming signal Stand-by Power: ≤ 1W Mounting Height: 10m(Typical value)

12m(Maximum value) Detection Radius: ≥ 3m IP Rating: IP20

Dimming Sensor



MC605V D 99















Low impedance Dimming function Motion detection

ON/OFF function Daylight sensor



Product Features

- The sensor adopts the latest microwave circuit design, with 0-10V LED dimming driver, it can realize two-step or three-step dimming function
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Sensor parameters can be set by dip switch and MH12 remote control
- Split design can equip with two kinds of microwave split head, which can adapt to various luminaires
- The sensor has synchronous port can realize wired network
- The 0-10V port of the sensor can cooperate with MS01 to realize the optical control adaptive function





Adapted Luminaires



Application







Tri-proof light



Stairwell



Warehouse



Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 3.6A @ 120V AC / 3.4A @ 277V AC

120 / 277VAC, 50 / 60Hz Rated Voltage:

Output Signal: 0-10V DC dimming signal

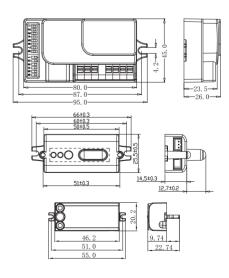
Stand-by Power: ≤ 1W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m

IP20 IP Rating



Unit: mm

MC053V RF+MW05

Network Sensor











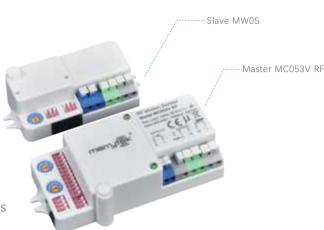


Wireless network Dimming function Motion detection ON/OFF function Daylight sensor



Product Features

- 868MHz wireless network, long-distance stable transmission without dropping codes
- Narrow-band communication technology can be used to solve the problem of wireless co-frequency interference
- Master-slave mode, with RF transmitting and receiving functions
- Coding switch setting, easy to configure parameter



Adapted Luminaires



Ceiling lamp



Tri-proof light



Application



Stairwell



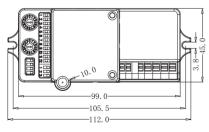
Warehouse



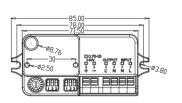
Hallway



Dimension / Parameter



Master MC053V RF



Slave MW05 Unit: mm



Working Frequency:	5.8GHz±75MHz, ISM Band
Communication Protocol:	868MHz communication protocol
Transmission Distance:	100m(open space) / 50m(indoor)
Rated Load:	800W(Resistive load) / 400W(Inductive load)
Rated Voltage:	220-240V AC, 50 / 60Hz
Output Signal:	ON / OFF signal / 1-10V DC dimming signal
Stand-by Power:	≤ 1W
Mounting Height:	3m (Typical value) / 8m (Maximum value)
Detection Radius:	≥ 3m
IP Rating:	IP20

Microwave Module

MSP16-5GH 99













Low impedance Dimming function Motion detection ON/OFF function

Product Features

- Patented low-impedance microwave antenna, suitable for different installation environment
- Adapt the latest anti-interference algorithm, suitable for different application
- 3pin interface, easier to connect
- Low transmitting power and Output PWM dimming
- Sensor data can be set by remote control MH16



Adapted Luminaires



Panel light



Application



Parking lot



Hallway



Office

Ceiling lamp

Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 5-12V DC $10 \pm 3mA$

Working Current:

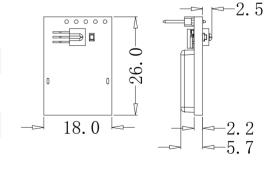
PWM dimming signal

Mounting Height: 3m (Typical value) / 4m (Maximum value)

Detection Radius: ≥ 4m

Output Signal:

IP00 IP Rating:



Unit: mm

MC130S Series











Mini antithetica

Motion detection

letection ON/OFF function

Daylight sensor

5 years warrant





Product Features

- Long strip housing, mini antithetical dipoles designed, built-in luminaires and no shadow
- Low sidelobe, no false trigger in metal reflection space
- Set parameters by dip switch or remote control MH10
- Screw and clip-in installation ways



Adapted Luminaires



Ceiling lamp



Wall lamp



Application



Stairwell



Hallway



Product Certification

RED





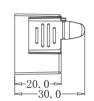




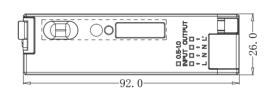
Dimension / Parameter

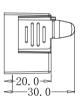
MC130S

-92. 0-



MC130S 1





Unit: mm

MC130S		MC130S / 1	
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	
Rated Load	800W(Resistive load) / 400W(Inductive load)	800W(Resistive load) / 400W(Inductive load)	
Rated Voltage	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz	
Output Signal	ON / OFF Signal	ON / OFF Signal	
Stand-by Power	≤ 0.5W	≤ 0.5W	
Mounting Height	3m(Typical value) / 6m(Maximum value)	3m(Typical value) / 6m(Maximum value)	
Detection Radius	≥ 3m	≥ 3m	
IP Rating	IP20	IP20	

MC131D Series















MC131D A / B / C / D



Product Features

- Long strip housing, mini antithetical dipoles designed, built-in luminaires and no shadow
- Low sidelobe, no false trigger in metal reflection space
- Set parameters by dip switch or remote control MH10
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects



Adapted Luminaires







Wall lamp



Application







Hallway



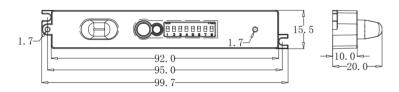
Product Certification

RED (€



Dimension / Parameter

MC131D A / B / C / D



Unit: mm

	MC131D A	MC131D B	MC131D C	MC131D D
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12V DC	12V DC	12V DC	12V DC
Working Current	15 ± 2mA	15 ± 2mA	20 ± 2mA	17 ± 2mA
Output Signal	0-10V DC dimming signal	5V PWM signal	0-10V DC dimming signal	5V PWM signal
Mounting Height	3m (Typical value) 6m (Maximum value)			
Detection Radius	≥ 2.5m	≥ 2.5m	≥ 2.5m	≥ 2.5m
IP Rating	IP20	IP20	IP20	IP20
Daylight sensor	Yes	Yes	Yes	Yes
Daylight priority	N/A	N/A	Yes	Yes

MC137D Series















MC137D A / B / C / D



Product Features

- Long strip housing, mini antithetical dipoles designed, built-in luminaires and no shadow
- Low sidelobe, no false trigger in metal reflection space
- Set parameters by dip switch or remote control MH14
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Screwless buckle design, easy and quick installation



Adapted Luminaires



Application











Wall lamp



Stairwell



Hallway



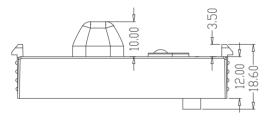
Product Certification

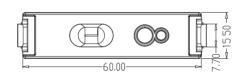
RED (€



Dimension / Parameter

MC137D A / B / C / D





Unit: mm

	MC137D A	MC137D B	MC137D C	MC137D D
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12V DC	12V DC	12V DC	12V DC
Working Current	16 ± 2mA	16 ± 2mA	20 ± 2mA	17 ± 2mA
Output Signal	0-10V DC dimming signal	5V PWM signal	0-10V DC dimming signal	5V PWM signal
Mounting Height	3m (Typical value) 6m (Maximum value)			
Detection Radius	≥ 2.5m	≥ 2.5m	≥ 2.5m	≥ 2.5m
IP Rating	IP20	IP20	IP20	IP20
Daylight sensor	Yes	Yes	Yes	Yes
Daylight priority	N/A	N/A	Yes	Yes

MLC16C-DP2

Sensor Driver

















Low impedance Dimming function Motion detection ON/OFF function Daylight sensor

Product Features

• ≤ 0.3W stand-by power, comply with the latest ERP energy efficiency standard

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Integrated design of isolated, flicker-free sensor LED driver
- With three-step dimming and daylight priority function
- Single current output, can set sensor parameters by dip switch



Adapted Luminaires



Ceiling lamp Wall lamp



Application







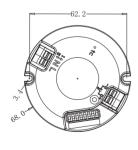
Balcony



Hallway



Dimension / Parameter





Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage 220-240V AC, 50 / 60Hz

200mA / 280mA / 300mA 36-52V DC Output Parameters:

320mA 36-50V DC, 350mA 36-46V DC

The above current is optional

Stand-by Power: ≤ 0.3W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20

Sensor Driver

RED

MLC25C-DP2

















Product Features

- ≤ 0.3W stand-by power, comply with the latest ERP energy efficiency standard
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Integrated design of isolated, flicker-free sensor LED driver
- With three-step dimming and daylight priority function
- Single current output, can set sensor parameters by dip switch





Adapted Luminaires



Application







Wall lamp



Stairwell



Balcony



Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 220-240V AC, 50 / 60Hz

450mA / 500mA / 550mA 24-42V DC Output Parameters:

600mA 24-36V DC / 700mA 24-30V DC

The above current is optional

Stand-by Power: ≤ 0.3W

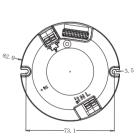
Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: Detection Radius: ≥ 3m

IP Rating: IP Rating: IP20





Unit: mm

MLC16C-DP3

Sensor Driver





















Product Features

• ≤ 0.3W stand-by power, comply with the latest ERP energy efficiency standard

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Integrated design of isolated, flicker-free sensor LED driver
- With three-step dimming and daylight priority function
- Multiple current output, can set parameters and current by dip switch



Adapted Luminaires



Wall lamp



Application







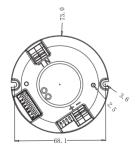
Balcony



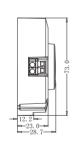
Hallway



Dimension / Parameter



Ceiling lamp



Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage 220-240V AC, 50 / 60Hz

350mA 9-45V DC, 450mA 9-36V DC Output Parameters:

500mA 9-32V DC, 600mA 9-26V DC

700mA 9-23V DC

Stand-by Power: ≤ 0.3W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m

IP Rating: IP20

Sensor Driver



MLC28C-DP2



















Product Features

- ≤ 0.3W stand-by power, comply with the latest ERP energy efficiency standard
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Integrated design of isolated, flicker-free sensor LED driver
- With three-step dimming and daylight priority function
- Multiple current output, can set parameters and current by dip switch





Adapted Luminaires



Application







Wall lamp



Stairwell



Balcony



Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 220-240V AC, 50 / 60Hz

300mA / 450mA / 500mA / Output Parameters:

550mA / 600mA / 700mA 9-40V DC

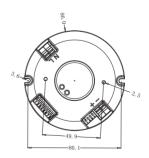
Stand-by Power: ≤ 0.5W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 2.5m

IP Rating: IP Rating: IP20





Unit: mm

MLC18C-NDP2

Sensor Driver















Product Features

Low impedance Dimming function Motion detection ON/OFF function

- ≤ 0.1W Super low stand-by power
- Integrated design of non-isolated, flicker-free, LED sensor driver.
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- •Three-step dimming, with daylight priority function
- Single current output, can set sensor parameters by dip switch





Adapted Luminaires



Ceiling lamp



Wall lamp



Application



Stairwell



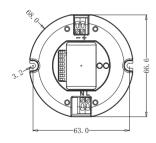
Balcony

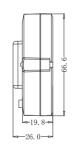


Hallway



Dimension / Parameter





Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage 220-240V AC, 50 / 60Hz

Output Parameters: 300mA / 350mA 24-53V DC

The above current is optional

Stand-by Power: ≤ 0.1W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m

Sensor Driver

RED (€

MLC28C-NDP2















Low impedance Dimming function Motion detection ON/OFF function

Product Features

- ≤ 0.1W Super low stand-by power
- Integrated design of non-isolated, flicker-free, LED sensor driver.
- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Three-step dimming, with daylight priority function
- Single current output, can set sensor parameters by dip switch





Adapted Luminaires



Application



Ceiling lamp



Wall lamp



Stairwell



Balcony



Hallway



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 220-240V AC, 50 / 60Hz

450mA / 500mA / 550mA 24-42V DC Output Parameters:

700mA 24-36V DC

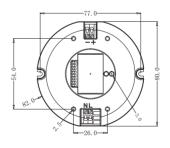
The above current is optional

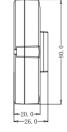
Stand-by Power: ≤ 0.1W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m





Unit: mm

MLC18C-PRF R

Sensor Driver

















Low impedance Wireless network Dimming function Motion detection ON/OFF function



Product Features

- Integrated design of isolated flicker-free LED driver, microwave detection and RF transmitting function
- The product has both RF transmitting/receiving synchronous sensing
- 868MHz wireless network, long and table transmission distance
- Narrow-band communication technology can be used to solve the problem of wireless co-frequency interference
- It adopts dual light sensing detection, which can identify artificial light and natural light, and is suitable for installation inside lamps and lanterns for detection
- The products can be divided into 16 groups, with the functions of RF transmitting receiving and sending sensing synchronous signals, thus expanding the range of local detection area
- Multi-current version, can set parameters, current gear and RF network setting by dip switch



Adapted Luminaires



Ceiling lamp



Wall lamp



Application



Parking lot



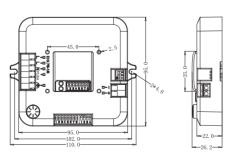
Warehouse



Hallway



Dimension / Parameter



Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band Communication Protocol: 868MHz communication protocol

Transmitting Distance: 100m (Open space) / 30m (Indoors)

220-240V AC, 50 / 60Hz Rated Voltage:

Transmitting Distance: 300mA 16-65.0V DC, 350mA 16-60.0V DC

450mA 16-47.5V DC, 600mA 16-34.5V DC

700mA 16-30.0V DC

Stand-by Power: ≤ 2W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius ≥ 3m

Daylight Sensor

MS02









The distinction ON/OFF function Daylight sensor between artificial (LED) and natural light

5 years warranty

Product Features

- Compact daylight sensor can effectively distinguish between artificial light and natural light
- Built-in lamp
- Turn on the light automatically(at dusk) / Turn off the light automatically(at dawn)



Adapted Luminaires



Ceiling lamp



Wall lamp

Application



Living room



Bedroom



Courtyard

Dimension / Parameter

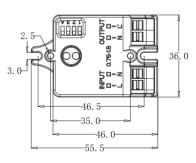
Rated Load: 800W(Resistive load) / 400W(Inductive load)

Rated Voltage: 220-240V AC, 50Hz

Output Signal: ON / OFF signal

Stand-by Power: ≤ 0.5W

IP Rating: IP20





02 Tri-proof Light

Microwave Sensor













Microwave Sensor LED Driver







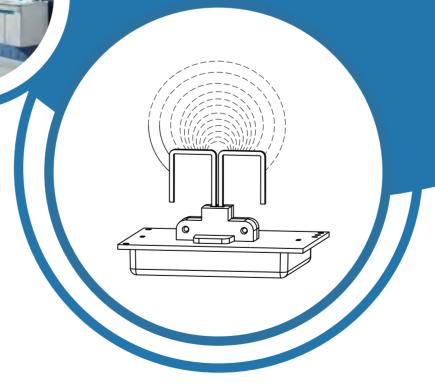
Antithetical Dipoles Antenna

The Advantages and Features

Target radiation space is formed based on the coupling method of duality, it has the advantages of low back lobe, ultra anti-interference ability, radiation energy is evenly distributed and no detection blind area, thus it can normally work in highly reflective harsh application scenarios such as closed metal environment or iron-made house etc., avoid forming detection blind area and enlarging effective detection area of microwave Small cut size, perfectly suitable for the application of tri-proof lights and other luminaries with narrow requirements

Antenna energy radiation uses air as the medium, the gain is not affected by the substrate material and is not easily affected by environmental factors, and can adapt to more harsh and complex environments such as humidity, high and low temperatures

High-gain, large beam angle, suitable for parking lots and other scenes that are open, require long distances and high reliability



MC116D RC

Networking Sensor

















Antithetical

Wireless network Dimming function Motion detection ON/OFF function Daylight sensor

Product Features

- The product adopts antithetical dipoles design, which has strong environmental adaptability, no sensing blind zone
- With 0-10V LED driver can realize two-step/three stage dimming function and daylight priority function
- Adopting 2.4GHz RF wireless networking, it has stable transmission and long distance
- Up to 8 groups for networking, with the functions of RF transmitting receiving and sending sensing synchronous signals, thus expanding the range of local detection area
- Long strip housing design, which suitable for built-in most strip lamps
- Set parameters, RF network, synchronization and other setting by remote control



Adapted Luminaires



Tri-proof light

Ceiling lamp



Application



Stairwell



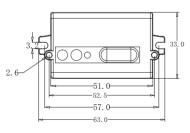
Parking lot



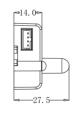
Warehouse



Dimension / Parameter







Working Frequency:	5.8GHz±75MHz, ISM Band
Communication protocol:	2.4GHz RF communication protocol
Transmitting distance:	> 30m (Indoors)
Rated Voltage:	12 ± 1V DC
Working Current:	< 60mA
Output Signal:	0-10V DC dimming signal
Mounting Height:	3m(Typical value)
	6m(Maximum value)
Detection Radius:	≥ 2.5m

ON/OFF Sensor

RED (€

MC628S RC











Motion detection ON/OFF function



Product Features

- Patented high-gain antenna, it is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to metal environments without false triggering
- Support 15m maximum mounting height, adapts to various installation environment
- Set parameters by remote control MH10
- M20 interface, suitable for linear high bay and tri-proof light





Adapted Luminaires



Tri-proof light



Linear light



Application



Parking lot



Warehouse



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 800W(Resistive load) / 400W(Inductive load)

Rated Voltage: 120-270V AC, 50 / 60Hz

Output Signal: ON / OFF Signal

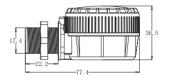
Stand-by Power: ≤ 1W

Mounting Height: 12m (Typical value)

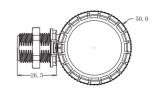
15m (Maximum value)

Detection Radius: ≥ 3m

IP Rating IP65







MC628D RC

Dimming Sensor













Motion detection ON/OFF function Daylight sensor



Product Features

- The product adopts a new antenna design, with 12V DC auxiliary power output for LED driver can realize two-step/three-step dimming function and daylight priority function
- Patented high-gain antenna, it is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to metal environments without false triggering
- Support 15m maximum mounting height, adapts to various installation environment
- Set parameters by remote control MH10
- M20 interface, suitable for linear high bay and tri-proof light





Adapted Luminaires







Linear light



Application



Parking lot



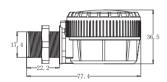
Warehouse



Hallway

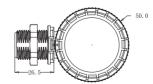


Dimension / Parameter









Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage 12 ± 1V DC

Working Current: ≤ 15mA

Output Signal 0-10V DC dimming signal

Mounting Height: 12m(Typical value)

15m(Maximum value)

Detection Radius ≥ 3m

IP65 IP Rating:

Dimming Sensor



MC612V D 99















Antithetical

Dimming function Motion detection ON/OFF function Daylight sensor



Product Features

- Globally patented antithetical dipoles antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid f of small signals such as flying insects
- Set parameters by remote control MH12, it can adapt to various luminaires
- Split design with two kinds of split head to fix for various luminaires
- The product has synchronous port can realize wired network
- The 0-10V port of the product can cooperate with MS01 to realize the daylight harvesting function



Adapted Luminaires



Tri-proof light



Ceiling lamp



Application



Parking lot



Hallway



Conference room



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 3.6A @ 120V AC / 3.4A @ 277V AC

120 / 277V AC, 50 / 60Hz Rated Voltage:

Output Signal: 0-10V DC dimming signal,

ON / OFF signal

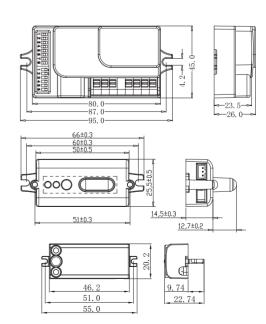
Stand-by Power: ≤ 1W

Mounting Height: 3m(Typical value)

6m(Maximum value)

Detection Radius: ≥ 3m

IP20 IP Rating



MC613V D 99

Dimming Sensor















Dimming function Motion detection ON/OFF function



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various installation environments
- Ultra strong anti-interference ability, no false trigger in the environment with strong reflection, effectively avoid false triggering of small signals such as flying insects
- Set parameters by dip switch and remote control, it can adapt to various luminaires
- Split design can equip with two kinds of microwave split head, which can adapt to various luminaires
- The 0-10V port of the product can cooperate with MS01 to realize the daylight harvesting function

Adapted Luminaires







Ceiling lamp



Application



Parking lot



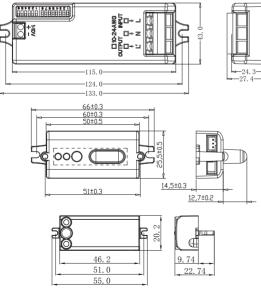
Hallway



Conference room



Dimension / Parameter



Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 3.6A @ 120V AC / 3.4A @ 277V AC /

3.3A @ 347V AC

120 / 277 / 347V AC, 50 / 60Hz Rated Voltage:

Output Signal: 0-10V DC dimming signal,

ON / OFF signal

Stand-by Power: < 1W

Mounting Height: 3m (Typical value)

6m (Maximum value)

Detection Radius: ≥ 3m

Dimming Sensor

MC628V RC











CEE 8 ...





Dimming function Motion detection ON/OFF function

Product Features

- The product adopts a new antenna design, with 1-10V LED driver, it can realize two-step/three-stage dimming function, daylight priority function
- Patented high-gain antenna, the signal strength is 2-3 times that of ordinary microwave antenna, it is suitable for high mounting environments
- High/Low sensitivity mode are optional, low sensitivity mode can be applied to metal environments without false triggering
- Support 15m maximum mounting height, adapts to various installation environment Set parameters by remote control
- With M20 interface, suitable for side hole installation for linear high bay lights and tri-proof lights



Adapted Luminaires







Linear light



Application



Parking lot



Warehouse



Dimension / Parameter

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Load 120-277V AC, 50 / 60Hz

0-10V DC dimming signal Output Signal:

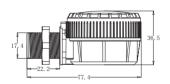
≤ 1W Stand-by Power:

12m (Typical value) Mounting Height:

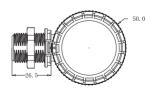
15m (Maximum value)

≥ 3m Detection Radius:

IP65 IP Rating:







MC628D B1

Networking Sensor

CE







Wireless network Linkage intelligence 5 years warranty

Product Features

- The product has a built-in Tuya Bluetooth wireless module,
 which can quickly connect with Tuya ecological chain smart devices,
 and can realize various lighting control and scene settings
- Easy dimming and color temperature adjustment with APP
- With M20 interface, suitable for side hole installation for linear high bay lights and tri-proof lights









Adapted Luminaires





Linear light



Application



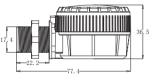




Warehouse

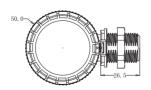


Dimension / Parameter









Communication protocol: 2.4GHZ Tuya bluetooth

wireless communication protocol

Transmitting distance: 30m (Viewing distance)

Rated Voltage: 11-15V DC

Working Current: < 15mA

Output Signal: Two way 0-10V dimming signal











Dimming function ON/OFF function

Auxiliary power 5 years warranty

Product Features

- Isolated circuit design, 12Vdc auxiliary output, work with DC sensor and wireless IOT module
- Suitable to Merrytek DC sensor and achieve ON/OFF, two-step/three-step dimming and daylight priority function
- Can be built-in and external installation, fit for most of long shape luminaires





Adapted Luminaires



Application



Tri-proof light







Parking lot

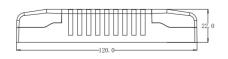


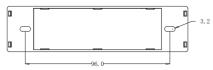
Ceiling lamp

Warehouse

Dimension / Parameter

	MC103S	MC103S 1
Rated Load	2A ballast @120V AC / 277V AC / 220-240V AC	2A ballast @120V AC / 277V AC / 220-240V AC
Rated Voltage	120-277V AC / 220-240V AC, 50 / 60Hz	120-277V AC / 220-240V AC, 50 / 60Hz
Output Signal	0-10V / PWM dimming signal	0-10V / PWM dimming signal
Stand-by Power	≤1W	≤1W
Auxiliary interface	12V DC, 100mA (Max), 4pin interface	12V DC, 100mA (Max), 3pin interface
IP Rating	IP20	IP20







Unit: mm

MC098S Series

















MC098S MC098S 2

MC098S 1 MC098S 3

MC098S 99



Product Features

- The product adopts antithetical dipoles design, which has strong environmental adaptability, no sensing dead zone and can realize ON/OFF function
- Low sidelobe, which solve the industry pain point that the microwave antenna is easily false triggered when it is installed under the metal light board
- Adopting non-isolated switching power supply, it will not affect the PF value of the whole lamp
- Long strip housing design, which suitable for built-in most strip luminaires
- Set parameters by (front/back) dip switch or remote control



Adapted Luminaires





Tri-proof light



Ceiling lamp



Parking lot



Warehouse



Hallway



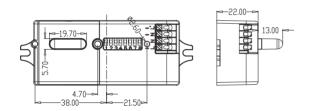
RED (€



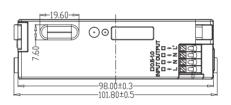


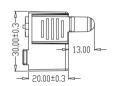
Dimension / Parameter

MC098S 1 / MC098S 2 / MC098S 3



MC098S 99





	MC098S / MC098S 2	MC098S 99	MC098S 1 / MC098S 3
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Load	800W(Resistive load) / 400W(Inductive load)	800W(Resistive load) / 400W(Inductive load)	800W(Resistive load) / 400W(Inductive load)
Rated Voltage	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz
Output Signal	ON / OFF dimming signal	ON / OFF dimming signal	ON / OFF dimming signal
Stand-by Power	≤ 0.5W	≤ 0.5W	≤ 0.5W
Mounting Height	3m (Typical value) 6m (Maximum value)	3m (Typical value) 6m (Maximum value)	3m (Typical value) 6m (Maximum value)
Detection Radius	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP20	IP20	IP20
Dip Switch Setting	Front dip switch	Front dip switch	Back dip switch

MC087D Series





















MC087D 1

MC087D RC

MC087D 99



Product Features

- The product adopts antithetical dipoles design, which has ultra anti-interference ability, with PWM/0-10V LED driver can realize ON/OFF function, two-step/three stage dimming function and daylight priority function
- Low sidelobe, which solve the industry pain point that the microwave antenna is easily false triggered when it is installed under the metal light board
- Long strip housing design, which suitable for built-in most strip lights
- Set parameters by the remote control



Adapted Luminaires





Tri-proof light



Ceiling lamp



Parking lot



Warehouse



Workshop

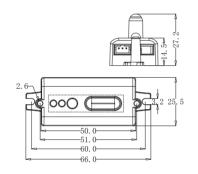


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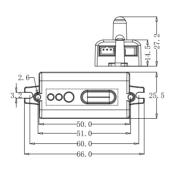


Dimension / Parameter

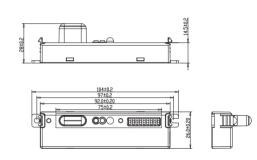
MC087D 1



MC087D RC



MC087D 99



	MC087D 1	MC087D RC	MC087D 99
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	7.5-12V DC	12 ± 1V DC	12 ± 1V DC
Working Current	< 25mA	< 25mA	< 25mA
Output Signal	5V PWM dimming signal	0-10V DC / 5V PWM dimming signal	0-10V DC / 5V PWM dimming signal
Mounting Height	3m (Typical value) 6m (Maximum value)	3m (Typical value) 6m (Maximum value)	3m (Typical value) 6m (Maximum value)
Detection Radius	≥ 2.5m	≥ 3m	≥ 3m
IP Rating	IP20	IP20	IP20
Setting mode	Back dip switch	Remote control	Front / Back dip switch, Remote control

MC077V 99 Series



















MC077V 99 1



Product Features

- The product adopts a new antenna design with ultra anti-interference ability. With 1-10V LED driver, it can realize ON/OFF function and two-step/three-stage dimming function
- Long strip shell, Mini antithetical dipoles designed, which can effectively avoid the shading problem when built-in tri-proof lights
- Low sidelobe, which solve the industry pain point that the microwave antenna is easily false triggered when it is installed under the metal light board
- Set parameters by dip switch or remote control



Adapted Luminaires







Parking lot

Warehouse



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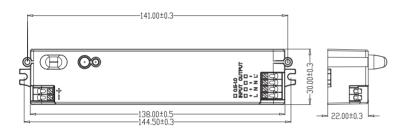






Dimension / Parameter

MC077V 99 / MC077V 99 1



	MC077V 99	MC077V 99 1
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Load	800W @230V AC(Resistive load) / 400W@230V AC(Inductive load)	800W @230V AC(Resistive load) / 400W@230V AC(Inductive load)
Rated Voltage	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz
Output Signal	0-10V DC dimming signal ON / OFF signal	0-10V DC dimming signal ON / OFF signal
Stand-by Power	≤ 0.5W	≤ 0.5W
Mounting Height	3m (Typical value) / 6m (Maximum value)	3m (Typical value) / 6m (Maximum value)
Detection Radius	≥ 2.5m	≥ 2.5m
IP Rating	IP20	IP20

MLC20C-PS1

Sensor Driver



















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5 years warra

Product Features

- ≤0.5W stand-by power, comply with the latest ERP energy efficiency standard
- Split design of isolated, flicker-free sensor LED driver
- With three-step dimming function,
 can adapt to various installation environments
- Single current output, can set sensor parameters by dip switch





Adapted Luminaires



Application













Tri-proof light

Ceiling lamp

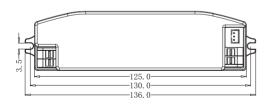
Stairwell

Balcony

Hallway



Dimension / Parameter





Unit: mm

Working Frequency: 5.8GHz±75MHz, ISM Band

Rated Voltage: 220-240V AC, 50 / 60Hz

Output Parameters: 300mA / 350mA / 380mA /

450mA 28-42V DC

Single output current

Stand-by Power: ≤ 0.5W

Mounting Height: 3m (Typical value)

4m (Maximum value)

Detection Radius: ≥ 3m

Sensor Driver





MLC20C-NPS / MLC40C-NPS / MLC60C-NPS





5 years warranty



Product Features

- ≤ 0.3W stand-by power, comply with the latest ERP energy efficiency standard
- Split design of non-isolated, flicker-free, LED drive power and 12V auxiliary power supply, which can adapt for various products and wireless modules
- Equipped with Merrytek's microwave sensor can realize ON/OFF function, two-step/three-stage dimming function and daylight priority function
- Built-in installation of power supply, suitable for multiple strip lamps
- Multi-current version, can set current gear by dip switch





Adapted Luminaires



Application











Tri-proof light

Ceiling lamp

Parking lot

Warehouse

Hallway



Dimension / Parameter

Rated Voltage: 220-240V AC, 50 / 60Hz

Output Current: 200mA / 250mA / 300mA / 350mA

20W: 30-54V DC / Output Voltage:

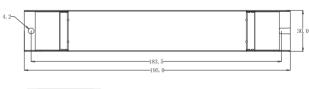
40W: 65-120V DC /

60W: 90-175V DC

 $12 \pm 1 \text{V DC}$, $\leq 100 \text{mA}$, PWM Control Auxiliary Interface:

Stand-by Power: ≤ 0.3W

IP Rating: IP20





MLC20C-PS2 / MLC40C-PS / MLC60C-PS









MLC20C-PS2 MLC40C-PS MLC60C-PS



Product Features

- ≤0.5W stand-by power, comply with the latest ERP energy efficiency standard
- Split design of isolated, flicker-free, LED drive power and 8.5V auxiliary power supply, which can adapt for various sensors and wireless modules
- Equipped with Merrytek's microwave sensor can realize ON/OFF function, two-step/three-stage dimming function and daylight priority function
- Built-in installation of power supply, suitable for multiple strip lamps
- Multi-current version, can set current gear by dip switch



Adapted Luminaires















Parking lot

Warehouse

Hallway



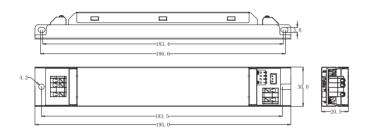


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Dimension / Parameter

MLC20C-PS2 / MLC40C-PS



MLC60C-PS



	MLC20C-PS2	MLC40C-PS	MLC60C-PS
Rated Voltage	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz	220-240V AC, 50/60Hz
Output Parameters	300mA-700mA 9-42V DC	450mA-900mA 9-45V DC	500mA-1050mA 9-56V DC
Auxiliary Interface	8.5 ± 1V, ≤ 25mA, PWM Control	8.5 ± 1V, ≤ 25mA, PWM Control	8.5 ± 1V, ≤ 25mA, PWM Control
Stand-by Power	≤ 0.5W	≤ 0.5W	≤ 0.5W
IP Rating	IP20	IP20	IP20

MLC25C-PS / MLC65C-PS / MLC40C-PS1







MLC25C-PS MLC40C-PS1 MLC65C-PS



Product Features

- ≤0.5W stand-by power, comply with the latest ERP energy efficiency standard
- Split design of isolated, flicker-free, LED drive power and 12V auxiliary power supply, which can adapt for various sensors and wireless modules
- Equipped with Merrytek's microwave sensor can realize ON/OFF function, two-step/three-stage dimming function and daylight priority function
- Built-in installation of power supply, suitable for multiple strip lamps
- Multi-current version, can set output current by dip switch

Ceiling lamp



Adapted Luminaires















Parking lot

Warehouse

Hallway



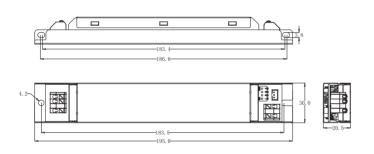


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Dimension / Parameter

MLC25C-PS / MLC40C-PS1



MLC65C-PS



	MLC25C-PS	MLC40C-PS1	MLC65C-PS
Rated Voltage	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz
Output Parameters	300mA-700mA 9-42V DC	600mA-1050mA 9-42V DC	1200mA-1600mA 15-42V DC
Auxiliary Interface	12V, ≤ 100mA, PWM Control	12V, ≤ 100mA, PWM Control	12V, ≤ 100mA, PWM Control
Stand-by Power	≤ 0.5W	≤ 0.5W	≤ 0.5W
IP Rating	IP20	IP20	IP20

03 High Bay

Microwave Sensor













Differential Antenna

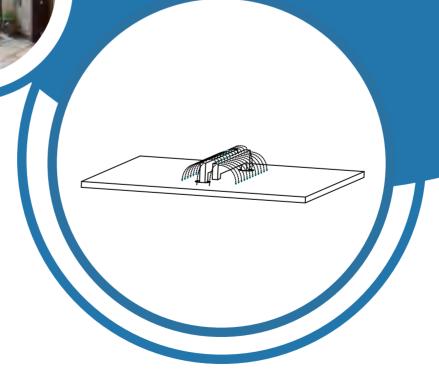
The Advantages and Features

Differential loop constructed based on two sections of half-wavelength conductors, and then semi-open large-angle directional radiation is formed under the action of reference surface. It has the advantages of low back lobe, ultra anti-interference ability, concentrated radiation energy and no detection blind area, thus it has a very high adaptability in various luminaries applications and scene adaptation

Small cut size and low antenna height, perfectly suitable for the application of luminaries with thin and narrow requirements

Antenna energy radiation uses air as the medium, the gain is not affected by the substrate material and is not easily affected by environmental factors, and can adapt to more harsh and complex environments such as humidity, high and low temperatures

High-gain, large beam angle, balances the advantages of three antennas, and it can be applied to most complex environments



MC079D 99 Series





















MC079D 99 C

MC079D 99 Z



Product Features

- 12Vdc microwave sensor, achieve two-step/three-step dimming and daylight priority function
- Patented high-gain antenna, suitable for high mounting application
- High/Low sensitivity mode is optional, low sensitivity mode can be applied to strong reflective or metal environments without false triggering
- Maximum 15m mounting height, sensor parameters can be set by MH10 remote control
- Multiple interfaces for different lighting receptacles



Adapted Luminaires

High bay light













Parking lot

Warehouse





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Dimension / Parameter

MC079D 99 C MC079D 99 Z

	MC079D 99 C	MC079D 99 DI	MC079D 99 A	MC079D 99 Z
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12 ± 1V DC			
Working Current	< 30mA	< 30mA	< 30mA	< 30mA
Output Signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal
Mounting Height	12m (Typical value) 15m (Maximum value)	10m (Typical value) 12m (Maximum value)	10m (Typical value) 12m (Maximum value)	10m (Typical value) 12m (Maximum value)
Detection Radius	≥ 3m	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65	IP65

MC079D 99 Series





















MC079D 99 CB



MC079D 99 ZB



Product Features

- Patented high-gain antenna, strong anti-interference, maximum 12m mounting height
- High/Low sensitivity mode is optional, low sensitivity mode can be applied to strong reflective or metal environments without false triggering
- Multiple interfaces for different lighting base.
- sensor parameters can be set by MH10 remote control and APP
- Compatible with main Bluetooth Mesh system in the market



Adapted Luminaires



High bay light



Linear light





Parking lot



Warehouse



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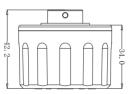


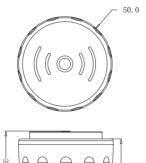
Dimension / Parameter

MC079D 99 CB

MC079D 99 ZB







	MC079D 99 CB	MC079D 99 DIB	MC079D 99 AB	MC079D 99 ZB
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12 ± 1V DC			
Working Current	< 50mA	< 50mA	< 50mA	< 50mA
Output Signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal
Mounting Height	10m (Typical value) 15m (Maximum value)			
Detection Radius	≥ 3m	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65	IP65

MC054V RC Series



















MC054V RC2



MC054V RC3 / MC054V RC4



Product Features

- The product adopts a new antenna design, with 1-10V LED driver, it can realize two-step/three-step dimming function, daylight priority function and daylight harvesting function
- Patented high-gain antenna, suitable for high mounting application
- High/Low sensitivity mode is optional, low sensitivity mode can be applied to metal environments without false triggering
- Support 15m maximum mounting height, adapts to various installation environment Set parameters by remote control



Adapted Luminaires



High bay light



Linear light





Parking lot



Warehouse



Courtyard





RED (€



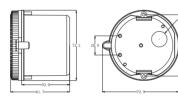




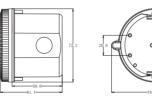


Dimension / Parameter

MC054V RC series A / C

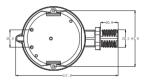


MC054V RC series B



MC054V RC series D





	MC054V RC2	MC054V RC3	MC054V RC4
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Load	120V AC / 4A, 277V AC / 3A	120V AC / 4A, 277V AC / 3A	120V AC / 4A, 277V AC / 3A
Rated Load	120-277V AC, 60Hz	120-277V AC, 60Hz	120-277V AC, 60Hz
Output Signal	ON/OFF Signal, 1-10VDC dimming signal	ON/OFF Signal, 1-10VDC dimming signal	ON/OFF Signal, 1-10VDC dimming signal
Stand-by Power	≤ 1W	≤ 1W	≤ 1W
Mounting Height	12m (Typical value) 15m (Maximum value)	12m (Typical value) 15m (Maximum value)	12m (Typical value) 15m (Maximum value)
Detection Radius	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65
Daylight function	Daylight threshold	Daylight priority	Daylight harvesting

MC079D RC Series























MC079D RC2



MC079D 99 Z1



Product Features

- The product adopts a new antenna design, Compatible with Led driver with 12V DC auxiliary port can realize two-step/three-stage dimming function and daylight priority function Patented high-gain antenna, suitable for high mounting application
- High/Low sensitivity mode is optional, low sensitivity mode can be applied to metal environments without false triggering
- Support 15m maximum mounting height, adapts to various installation environment
- Set parameters by remote control MH10



Adapted Luminaires



High bay light



Linear light





Parking lot



Warehouse





Product Certification

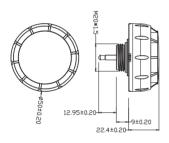




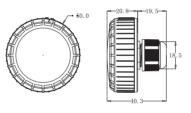


Dimension / Parameter

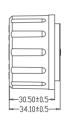
MC079D 99



MC079D RC2



MC079D 99 Z1





Unit: mm

	MC079D 99	MC079D RC2	MC079D 99 Z1
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12±1V DC	12±1V DC	12±1V DC
Working Current	< 25mA	< 25mA	< 25mA
Output Signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal
Mounting Height	10m (Typical value) 12m (Maximum value)	12m (Typical value) 15m (Maximum value)	12m (Typical value) 15m (Maximum value)
Detection Radius	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65

MC079D IR Series





















MC079D RIZ



Product Features

- PIR sensors support 12m mounting height
- Multiple interfaces for different lighting base.
- Easy to configure parameters by MH10 remote control



Adapted Luminaires



High bay light



Linear light





Parking lot



Warehouse

Dimming Sensor



Product Certification

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Dimension / Parameter

MC079D IR C





MC079D RIZ





Unit: mm

	MC079D IR C	MC079D IR DI	MC079D IR A	MC079D IR Z
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12 ± 1V DC	12 ± 1V DC	12V DC	12V DC
Working Current	12 ± 3mA	12 ± 3mA	12 ± 2mA	12 ± 2mA
Output Signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal
Mounting Height	10m (Typical value) 12m (Maximum value)			
Detection Radius	≥ 3m	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65	IP65

MC079D IR Series















MC079D IR CB



MC079D IR ZB



Product Features

- PIR sensors support 12m mounting height
- Multiple interfaces for different lighting base.
- Easy to configure parameters by MH10 remote control and App
- Compatible with main Bluetooth Mesh system in the market



Adapted Luminaires



High bay light



Linear light





Parking lot



Warehouse



Product Certification

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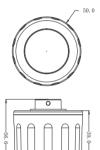




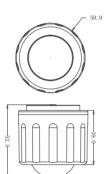


Dimension / Parameter

MC079D IR CB



MC079D IR ZB



	MC079D IR CB	MC079D IR DIB	MC079D IR AB	MC079D IR ZB
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	12 ± 1V DC			
Working Current	< 40 mA	< 40mA	< 40mA	< 40mA
Output Signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal	0-10V DC dimming signal
Mounting Height	10m (Typical value) 12m (Maximum value)			
Detection Radius	≥ 3m	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP65	IP65	IP65	IP65

MC105V Series















MC105V B



MC105V C



Product Features

- Isolated circuit design, provides 12V DC auxiliary power supply, and adapts to various sensors
- Equipped with Merrytek's microwave sensor can realize two-step/three-stage dimming function and daylight priority function
- M20 interface



Adapted Luminaires



Linear light



Tri-proof light





Parking lot



Warehouse

Auxiliary Power Supply



Product Certification

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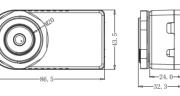


Dimension / Parameter

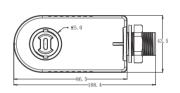
MC105V A



MC105V B



MC105V C





	MC105V A	MC105V B	MC105V C
Rated Voltage	347/480V AC 50/60Hz	347/480V AC 50/60Hz	347/480V AC 50/60Hz
Output Signal	0/1-10V dimming signal	0/1-10V dimming signal	0/1-10V dimming signal
No-load power consumption	≤ 2W	≤ 2W	≤ 2W
Auxiliary output	12V DC, 100mA (Max)	12V DC, 100mA (Max)	12V DC, 100mA (Max)
IP Rating	IP65	IP65	IP65
Interface type	Audio jack	Audio jack	Type-C interface
Installation mode	External	Built-in	External

MC642V Series









Dimming function ON/OFF function

Auxiliary power 5 years warranty







MC642V A

MC642V B

MC642V C



Product Features

- Isolated circuit design, provides 12V DC auxiliary power supply,
 and adapts to various sensors
- Equipped with Merrytek's microwave sensor can realize two-step/
 three-step dimming function and daylight priority function
- M20 interface



Adapted Luminaires







Linear light









Warehouse

Auxiliary Power Supply



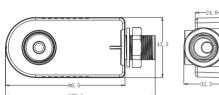
Product Certification

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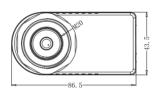


Dimension / Parameter

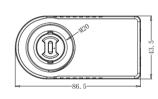
MC642V A



MC642V B



MC642V C





	MC642V A	MC642V B	MC642V C
Rated Load	2A ballast@120V AC / 277V AC	2A ballast@120V AC / 277V AC	2A ballast@120V AC / 277V AC
Rated Voltage	120 / 277V AC 50/60Hz	120 / 277V AC 50/60Hz	120 / 277V AC 50/60Hz
Output Signal	0 / 1-10V dimming signal ON / OFF signal (With DC sensing head)	0 / 1-10V dimming signal ON / OFF signal (With DC sensing head)	0 / 1-10V dimming signal ON / OFF signal (With DC sensing head)
No-load power consumption	≤ 0.3W	≤ 0.3W	≤ 0.3W
Auxiliary output	12V DC, 100mA (Max)	12V DC, 100mA (Max)	12V DC, 100mA (Max)
IP Rating	IP65	IP65	IP65
Interface type	Audio jack	Audio jack	Type-C interface
Installation mode	External	Built-in	Built-in

04 Other Luminaries

Microwave Sensor













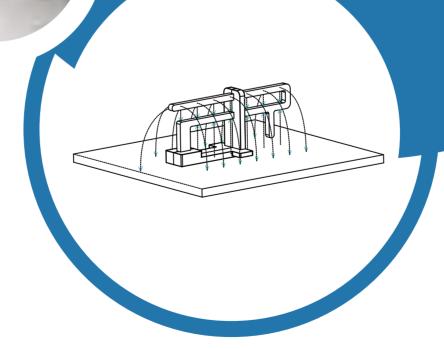
Horizontal Half-wave Folding Antenna

The Advantages and Features

Based on the half-wave folding method, semi-open large-angle directional radiation is formed under the action of reference surface. It has the advantages of low back lobe, ultra anti-interference ability, concentrated radiation energy and no detection blind area, thus it has greater advantages in applications with high-hanging scenarios and high signal response requirements

Antenna energy radiation uses air as the medium, the gain is not affected by the substrate material and is not easily affected by environmental factors, and can adapt to more harsh and complex environments such as humidity, high and low temperatures

High-gain, large beam angle, and it has sensitive signal responsiveness, perfectly suitable for the application of lifebeing detection in large space



MSA209D RC

Lifebeing Detection

CE











Dimming function Motion detection Lifebeing detection Daylight sensor

5 years warran

Product Features

- The product adopts 24GHz high-gain large-beam Doppler radar technology, can detect motion and breathing signal
- Low RF power output. No harm to human health
- Round radiation pattern, no dead angle coverage
- Compact size built-in installation, used in panel light and linear lights
- Set parameters by remote control MH10





Adapted Luminaires







linear light



Application



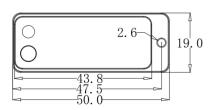
Conference room



Office



Dimension / Parameter







IP Rating:

Working Frequency:	24GHz-24.25GHz, ISM Band
Rated Voltage:	12-24V DC
Working Current:	≤ 50mA
Output Signal:	UART serial port general signal
Mounting Height:	3m(Typical value)
	4m(Maximum value)
Detection Radius:	≥ 2m

IP20

Lifebeing Detection

MSA213D 99













Product Features

- The product adopts 24GHz high-gain large-beam Doppler radar technology, can detect motion and breathing signal
- Low RF power output. No harm to human health
- Round radiation pattern, no dead angle coverage
- Compact size built-in installation, used in panel light and linear lights
- Set parameters by remote control MH10





Adapted Luminaires







linear light



Application



Conference room



Office



Dimension / Parameter

Working Frequency: 24GHz-24.25GHz, ISM Band

Rated Voltage 12-24V DC

Working Current: ≤ 50mA

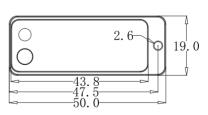
Output Signal: DALI Bus Communication

Mounting Height: 3m(Typical value)

4m(Maximum value)

Detection Radius: ≥ 2m

IP20 IP Rating:





Unit: mm

MIC02-24GE

Sensor Module

RED (€



Planar antenna









otion O

ON/OFF function 5 years warra



Product Features

- Clear close border control
- Accurately output TTL level signals based on human body activities suitable for table lamp seating sensing
- Strong ability to resist 2.4G&5G frequency band wireless signal interference
- Ultra-low non-radiated power
- Elliptical radiation pattern, no blind areacoverage



Adapted Luminaires



Table lamp



Application



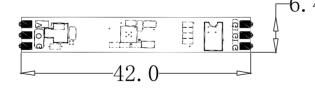
Conference room



Office



Dimension / Parameter



Unit: mm

Working Frequency: 24GHz-24.25GHz, ISM Band

Rated Voltage: 5-9V DC

Working Current: 60 ± 4mA

Output Signal: TTL high and low level signal (3.3V high level)

Mounting Height: 0.8m(Typical value)

1m(Maximum value)

Detection Radius: 0.5-1.2m

IP Rating: IP00

Sensor Module

((

MIC06-24GE











Planar antenna

ON/OFF function 5 years warranty



Product Features

- Clear close border control
- Accurately output TTL level signals based on human body activities, suitable for table lamp seating sensing
- Strong ability to resist 2.4G&5G frequency band wireless signal interferer
- Ultra-low non-radiated power
- Elliptical radiation pattern, no blind area coverage



Adapted Luminaires



Table lamp



Application



Conference room



Office



Dimension / Parameter

Working Frequency: 24GHz-24.25GHz, ISM Band

Rated Voltage: 5V DC

Working Current: $58 \pm 4mA$

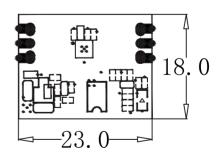
Output Signal: 5V high and low level signal

Mounting Height: 0.8m(Typical value)

1m(Maximum value)

Detection Radius: 0.5-1.2m

IP Rating: IP00



Unit: mm

MSA207D RC Series













imming function Motion detection Lifebeing detection Daylight sensor Daylight harvesting 5 years warran



MSA207D RC A / B / C / D



Product Features

- The product adopts 24GHz high-gain large-beam Doppler radar technology, can detect motion and breathing signal
- Low RF power output. No harm to human health
- Round radiation pattern, no blind area coverage
- Compact size built-in installation, used in panel light and linear lights
- Set parameters by dip switch and remote control MH10



Adapted Luminaires



Panel light



linear light





Conference room



Office

Lifebeing Detection



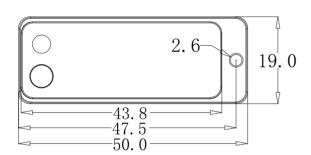
Product Certification

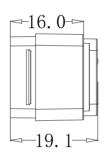
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Dimension / Parameter

MSA207D RC A / B / C / D





	MSA207D RC A	MSA207D RC B	MSA207D RC C	MSA207D RC D
Working Frequency	24GHz-24.25GHz, ISM Band	24GHz-24.25GHz, ISM Band	24GHz-24.25GHz, ISM Band	24GHz-24.25GHz, ISM Band
Rated Voltage	12V DC	12V DC	12V DC	12V DC
Working Current	≤ 50mA	≤ 50mA	≤ 50mA	≤ 50mA
Output Signal	0-10V dimming signal	3.3V PWM dimming signal	0-10V dimming signal	3.3V PWM dimming signal
Mounting Height	3m (Typical value) 4m (Maximum value)			
Detection Radius	≥ 3m	≥ 3m	≥ 3m	≥ 3m
IP Rating	IP20	IP20	IP20	IP20
Daylight function	Daylight threshold	Daylight threshold	Daylight harvesting	Daylight harvesting

MC085S Series











MC085S RA / MC085S RB



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various application
- Optional daylight priority function and sensor ON/OFF function
- Optional connecting by contact pins or wires
- Sensor parameters can be set by dip switch



Adapted Luminaires



Project lamp



Flood light





Outdoor wall



Courtyard



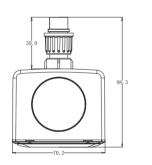
Product Certification

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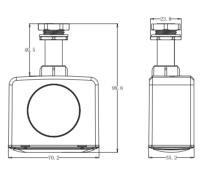
Dimension / Parameter

MC085S RA





MC085S RB



	MC085S RA	MC085S RB
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Load	800W(Resistive load)/ 400W(Inductive load)	800W (Resistive load) / 400W (Inductive load)
Rated Voltage	220-240V AC, 50 / 60Hz	220-240V AC, 50 / 60Hz
Output Signal	ON / OFF Signal	ON / OFF Signal
Stand-by Power	≤ 0.5W	≤ 0.5W
Mounting Height	3m (Typical value) 6m (Maximum value)	3m (Typical value) 6m (Maximum value)
Detection Radius	≥ 3m	≥ 3m
IP Rating	IP65	IP65

MIC18-5GH Series













MIC18-5GH A



MIC18-5GH B



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various application
- Low power consumption, high and low level signal and realize the ON/OFF function
- Support plug-in process welding, save mass production costs
- Radar IC integration solution, high stability, strong expansion capability
- Al software algorithm, can adapt to various installation environments



Adapted Luminaires





Downlight



linear light



Parking lot



Warehouse



Hallway





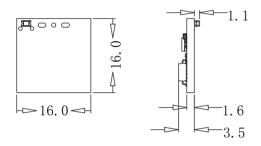
Product Certification

F© RED



Dimension / Parameter

MIC18-5GH A / MIC18-5GH B



	MIC18-5GH A	MIC18-5GH B
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	5-13V DC	5-13V DC
Working Current	12 ± 2mA	12 ± 2mA
Output Signal	3.3V or 4.4V high and low level signal / PWM signal	3.3V or 4.4V high and low level signal / PWM signal
Mounting Height	3m (Typical value) 4m (Maximum value)	3m (Typical value) 4m (Maximum value)
Detection Radius	≥ 3m	≥ 3m
IP Rating	IP00	IP00

MIC17-5GH Series













MIC17-5GH A



MIC17-5GH B



Product Features

- Globally patented low impedance anti-interference antenna, can adapt to various application
- Low power consumption, high and low level signal and realize the ON/OFF function
- Support plug-in process welding, save mass production costs
- Radar IC integration solution, high stability, strong expansion capability
- Al software algorithm, can adapt to various installation environments



Adapted Luminaires





Downlight



Ceiling lamp



Parking lot



Warehouse



Hallway





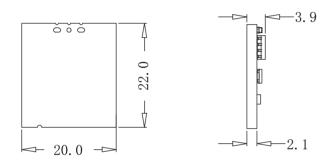
Product Certification

F© RED



Dimension / Parameter

MIC17-5GH A / MIC17-5GH B

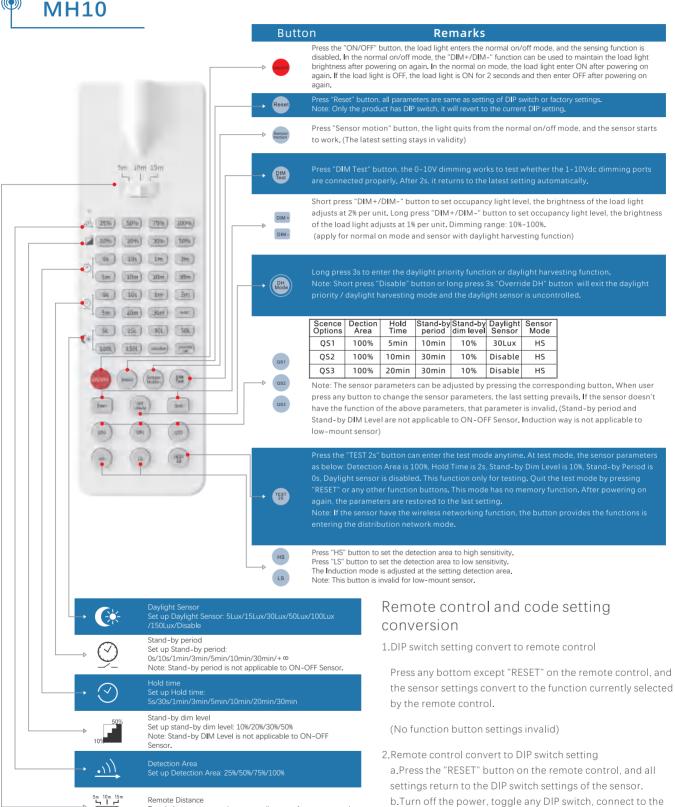


	MIC17-5GH A	MIC17-5GH B
Working Frequency	5.8GHz±75MHz, ISM Band	5.8GHz±75MHz, ISM Band
Rated Voltage	5-13V DC	5-13V DC
Working Current	12 ± 2mA	12 ± 2mA
Output Signal	3.3V or 4.4Vhigh and low level signal / PWM signal	3.3V or 4.4Vhigh and low level signal / PWM signal
Mounting Height	3m (Typical value) 4m (Maximum value)	3m (Typical value) 4m (Maximum value)
Detection Radius	≥ 3m	≥ 3m
IP Rating	IP00	IP00

Remote Control Series







Note: With different products, the remote control button function is different, please refer to the specific product

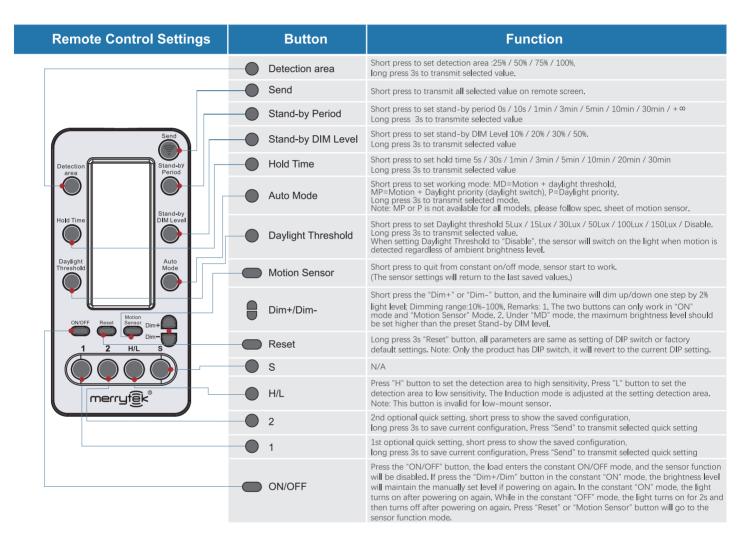
power, and all settings return to the DIP switch settings when

supply power again.

Toggle bottom can set the remote distance of remote control



MH12

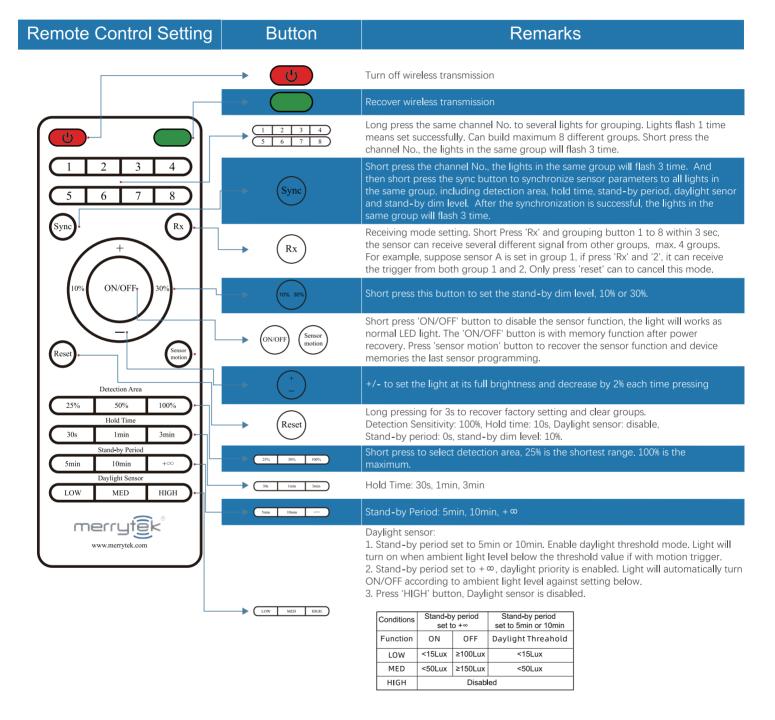


Note: With different products, the remote control button function is different, please refer to the specific product specification.

Remote Control Series



MH15



Note: With different products, the remote control button function is different, please refer to the specific product specification.



MH16



Button	Function	Description
ON/OFF	Normal ON/OFF	Press the ON/OFF button, sensing function is canceled and the light will remain ON/OFF. Sensor has power-off memory function, that is: Power on again under the "ON" mode of the load lamp, the load lamp enters "ON" mode. Power on again under the "OFF" mode of the load lamp, the load lamp enter the normally "OFF" mode after on for 2s.
Sensor	Recover sensing	Press this button to recover sensing function.
Dim+	Increasing Brightness	Press this button continuously, the brightness will increase. When adjusting the brightness at full brightness. ON/OFF mode is still available.
Dim-	Reducing Brightness	Press this button continuously, the brightness will reduce. When adjusting the brightness at full brightness, ON/OFF mode is still available.
Stand-by Dim Level	Low Brightness	10%, 30%
Hold Time	100% Brightness	30s, 1min, 5min, 10min
Detection Area	Detection Area	100%> , 75%> , 50%> , 25%>
Stand-by Period	Stand-by Time	0s, 3min, 10min, +∞
Test	TEST Button	Press this button, the light will turn off after 2 seconds. Restore to last sensing setting after power off.
Daylight Threshold	Threshold	15lux (, 50lux <u>△</u> , Disable

Note: With different products, the remote control button function is different, please refer to the specific product specification.





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