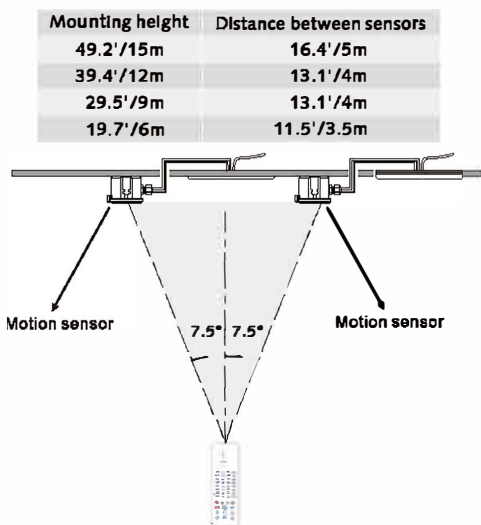
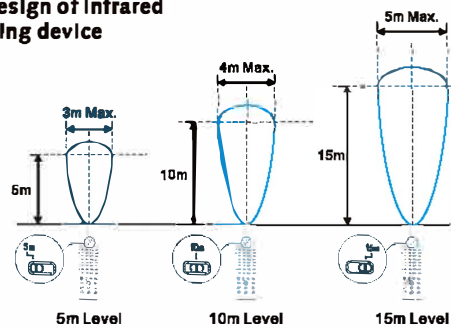


Remote Control Setting	Button	Remarks
		Press the "ON/OFF" button, the light goes to constant on/off mode, sensor is disabled. Press any button to quit from this mode and the sensor starts to work.
		Press "Reset" button, all parameters are same as setting of factory settings.
		Press "Sensor motion" button, the light quits from the constant on/ off mode, and the sensor starts to work (The latest setting stays in validity)
		Press "DIM Test" button, the 1-10 V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.
		Override DH: Long press >3s, sensor will quite daylight priority(MC054V RC3)/ daylight harvesting(MC054V RC4) mode, daylight threshold start to work with previous daylight value NA(MC054V RC2) DH Mode: Long press >3s, sensor move to daylight priority mode, please be sure preset daylight threshold is not "Disable" (MC054V RC3) Long press >3s, sensor will take current light level as target lux level, dim up/ down load according to change of ambient light level(MC054V RC4), each time press DIM+, DIM-, target light level change is 5% NA(MC054V RC2)
		Set occupancy light level in range of 50-100%, dimming level is 5% each time to press Dim+/Dim- button
		Press the "TEST 2S" button can enter the test mode any time. At the mode, the sensor parameters as below: Detection Area is 100%, Hold Time is 5s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable. This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.
		Press "HS" button to set the detection area to be high sensitive. Press "LS" button to set the detection area to be low sensitive. The adjustment bases on the "Detection Area" parameter you set.
		Daylight Sensor Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/ Disable.
		Stand-by period Set up stand-by time: 0s/10s/1 min/3min/5min/10min/30min/+∞
		Hold time Set up hold time: 5s/30s/1min/3min/5min/10min/20min/30min
		Stand-by dim level Set up stand-by dim level: 10%/20%/30%/50%
		Detection Area Set up detection area: 25%/50%/75%/100%
	Remote Distance Toggle button can set the remote distance of remote control and sensor.	

As the control angle of the Infrared Remote Control is fixed (15°), if sensors are installed too close to each other, settings of both sensors will be configured. Please refer to the below chart for the distance of the installation of the sensor:



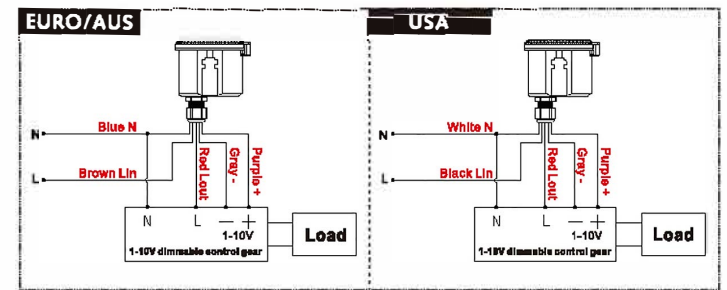
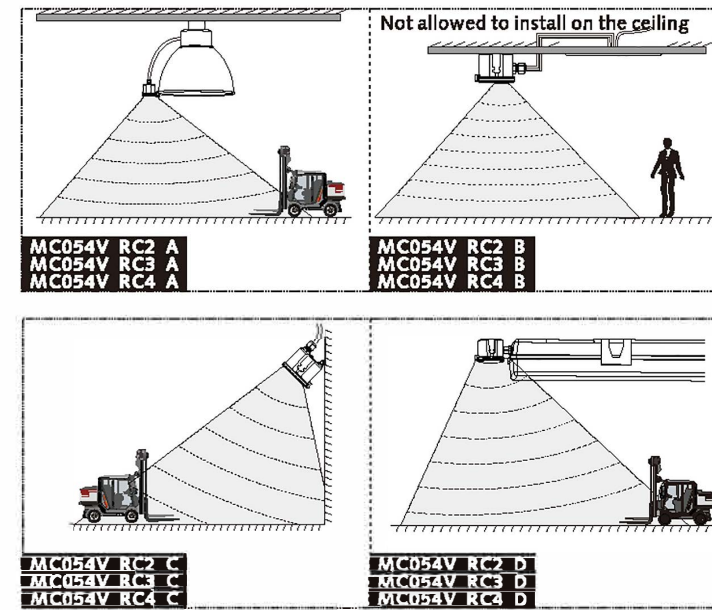
Unique design of Infrared transmitting device



Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following Measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WIRING



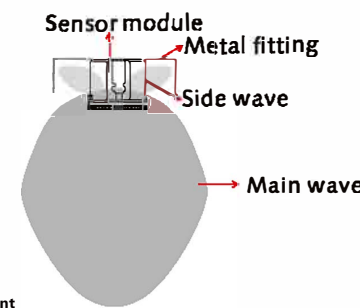
- NOTE:**
1. Lord bushing of the torque is 2.5NM, Torque of nut is 2.5NM.
 2. The sensor is designed for connect one load only. Connect more than one loads may damage the sensor.
 3. Switch on and off power 3 times in 2sec to override sensor function, Light can only be turned on and off manually; Power off and on 1 time to recover sensor function.

CAUTION - High Voltage -
Disconnect power supply before servicing.

FAQ

Question	Cause	Remedy
The load will not illuminate.	Incorrect daylight sensor setting selected.	Adjust setting.
	Load has failed.	Replace load.
	Power is switched off.	Switch on.
The load is permanently illuminated. (SEE NOTE1)	Continuous movement in the detection area.	Check detection area setting.
	The lamp (containing sensor) is installed in an area too close to reflective surfaces, i.e. metal, glass or concrete walls.	1, Make sure installation area suitable with at least 39.4 inches(100cm) space between lamp and surrounding reflective surfaces. 2, Reduce sensitivity (detection area).
The load will not illuminate despite movement.	Speed of moving object is not in the range of 1.6~3.3ft/s(0.5~1m/s) or the detection radius is too small.	Check detection area setting.
The remote control is not working.	The battery on the remote control is run out.	Change the battery.
	The remote control is not aligned with sensor.	Change the remote angle.

NOTE1



Microwave detection includes two parts called main wave and side wave. Main wave normally detects the motion signal. Side wave does not effect motion detection but might disturb main wave if the microwave motion sensor is built-in a sealed metal luminaire as microwave can not pass through metal.

When the microwave module is built into a metal lighting luminaire or installed in a sensor near a wall, the side wave will be reflected by the metal base or the wall. It can disturb the main wave. As the result of this, the microwave motion sensor might not perform optimally. Reducing the detection sensitivity or the side wave will help to solve such problems.

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

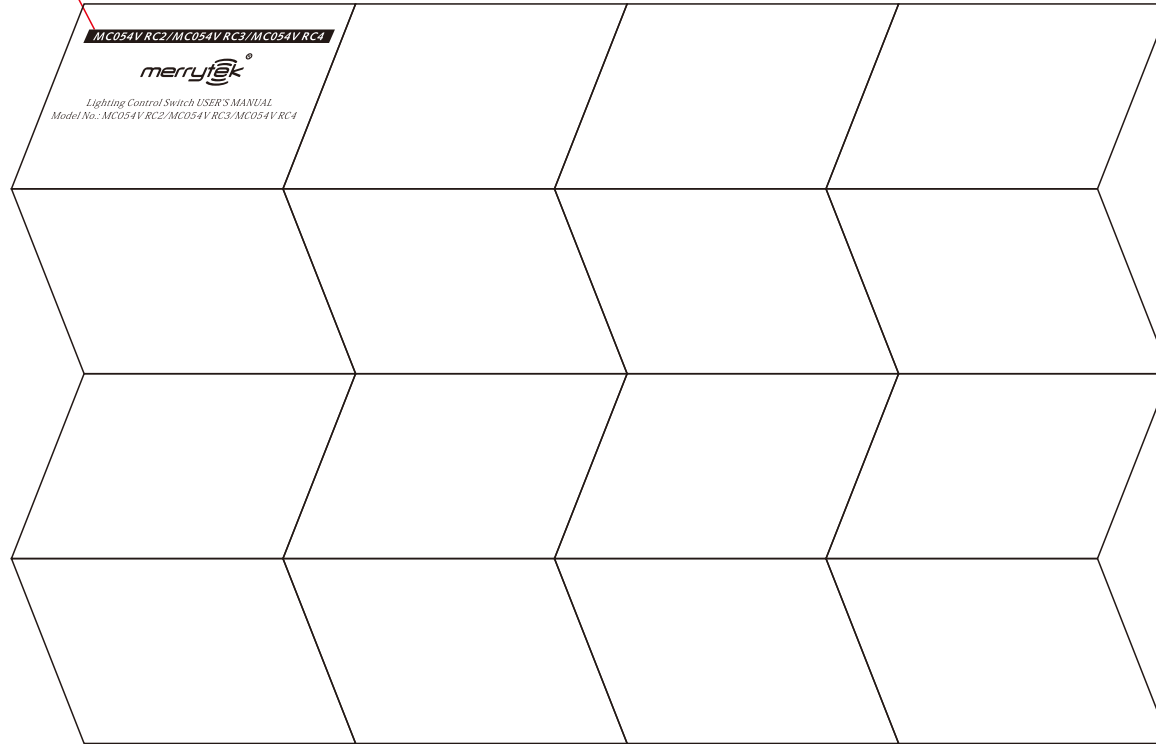
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

折页方式此面朝外



备注：80G书写纸 420x285mm 彩色双面印
成品尺寸：105x71.25mm

△				产品名称	感应器		物料名称	说明书		视角				
△				产品型号	MC054V RC2/3/4		物料编码	1050020001166		版本	A4	单位	mm	
△	出厂设置灵敏度变更为100%		陈阳	20230609	设计	陈阳	20230609	材料	数量	1	页次	1	比例	1:1
序号	变更内容		变更人	日期	审核	深圳迈睿智能科技有限公司 ShenZhenMerrytekTechnologyCO.,LTD								
路径	2-辅助设计\1-包装类\MC感应器\MC054VRC2-3-4				批准									

±0.4		±0.3		±0.2		±0.1		没有指定公差	
600>L>300	300>L>100	100>L>20	20>L	线性长度					