LEDCeiling light specification

1.Model No:RL-WCL05-15W/RL-EMWCL05-15W/RL-RL-SENWCL05-15W

2. Product Picture and Size:

3. Product Parameters:

3.1. Electricity Parameters:

NO	Items	Parameters
1	Input Voltage	90-265V 42-63HZ
2	Input Current	0.068A(230V)
3	Power	15W
4	Output Voltage	48V
5	Output Current	0.3A

3.2. Optical Parameters:

NO	Items	Parameters
1	Beam angel (H,V)	120°
2	Peak Light Intensity	585cd
3	Luminous Flux	1300Lm
4	Color Rendering Index	≥80Ra
5	Color Temperature	2800-3200k /4000-4500k/5500-6000k

3.3. Physical Parameters:

NO	Items	Parameters
1	Working temperature	-40°— 60°
2	IP range	IP65

3	N.W	1.3Kg
4	Length	300mm
5	Width	300mm
6	Height	110mm
7	Inner carton size	310*310*100mm
8	Outer Carton Size	10pcs/catrton 550*330*650mm
9	Volumentric Weight	23.5Kg/Carton
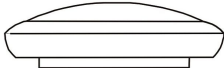
4. Light Intensity Distribution Curve:

UNIT:cd
C0/180,114.9deg
C30/210,114.9deg
C60/240,115.8deg
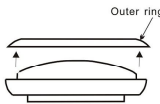C90/270,116.6deg

AVERAGE BEAM ANGLE(50%):115.6 DEG
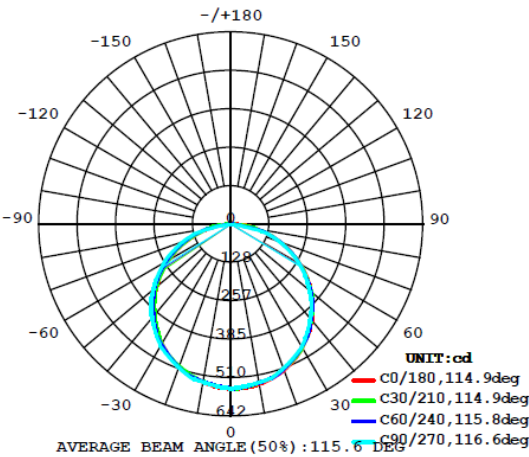
5. Attentions:
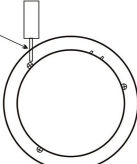

Installation and operation instruction
—— LED Ceiling lamp series ——

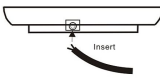Note:Make sure that the power has been cut off before installation to avoid electric chock.
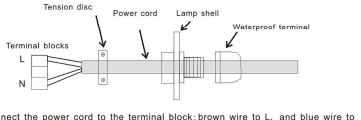
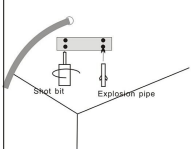① Take off the outer ring
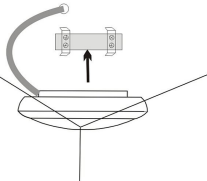② Take down the screws by screwdriver
③ Twist the buckle

Screwdriver
Outer ring

④ Connect the power cord
⑤ The power cord installation

Insert

Tension disc Power cord Lamp shell
Terminal blocks Waterproof terminal
L
N

Connect the power cord to the terminal block;brown wire to L, and blue wire to N.

⑥ Install the spring
⑦ Install the lamp
⑧ Finished Diagram

Shot bit Explosion pipe

The sensor is an active motion detector, it emits high-frequency electro-magnetic wave（5.8GHz）and receives their echo. The sensor detects the change in echo from even the slightest movement in its detection zone. A microprocessor then triggers the "switch light ON" command. Detection is possible through doors, panes of glass or thin walls.

light sensor
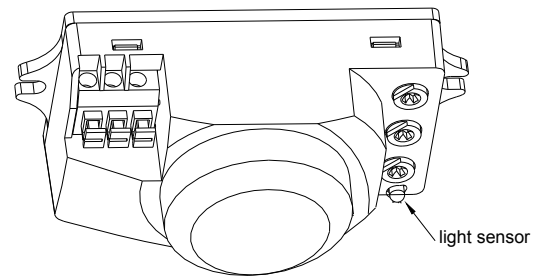
Important: persons or objects moving towards the sensor are detected best！

NOTE: the high-frequency output of this sensor is <10Mw- that is just one 100th of the transmission power of a mobile phone or the output of a microwave oven.
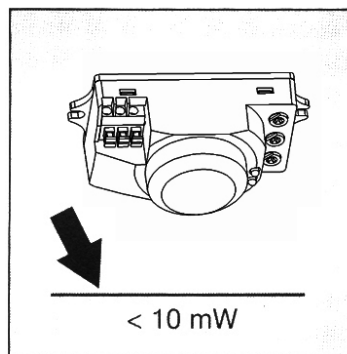
< 10 mW

Technical specifications
power supply：220-240VAC
power frequency：50/60Hz
Installation sit： Indoors, ceiling mounting
HF system： 5.8GHz CW radar，ISM band
transmission power：<10mW
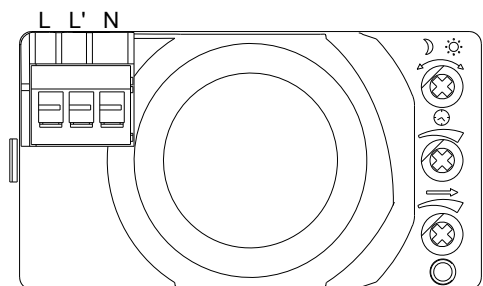Rated load: 1200W (220-240VAC)
detection angle：360°
reach:1-8m（radii.）, adjustable
time setting：8sec to 12min
light control：2~2000LUX
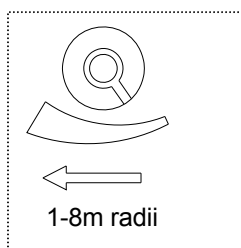power consumption：approx.0.9W

Connection illumination

L L' N

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

Reach setting (sensitivity)

1-8m radii

Reach is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the reach control fully anticlockwise to select minimum reach (approx.1 m radii), and fully clockwise to select maximum reach (approx. 8m radii).

NOTE: the above detection distance is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change.

Time setting

8sec~12min
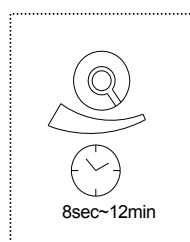
The light can be set to stay ON for any period of time between approx. 8sec (turn fully anti-clockwise) and a maximum of 12min (turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

NOTE: after the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Light-control setting
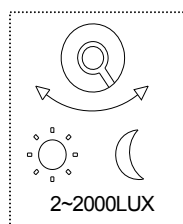
2~2000LUX

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

Troubleshooting

Malfunction	Cause	Remedy
The load will not work	• wrong light-control setting selected	• Adjust setting
	• load faulty	• Change load
	• mains switch OFF	• Switch ON
The load work always	• continuous movement in the detection zone	• check zone setting
The load work without any identifiable movement	• the sensor not mounted for detecting movement reliably	• securely mount enclosure
	• movement occurred, but not identified by the sensor(movement behind wall, movement of a small object in immediate lamp vicinity etc.)	• Check zone setting
The load will not work despite movement	• rapid movements are being suppressed to minimize malfunctioning or the detection zone you have set is too small	• Check zone setting