Greenlamp®
LED RETROFIT LAMPS

Motion Sensor + Light Sensor

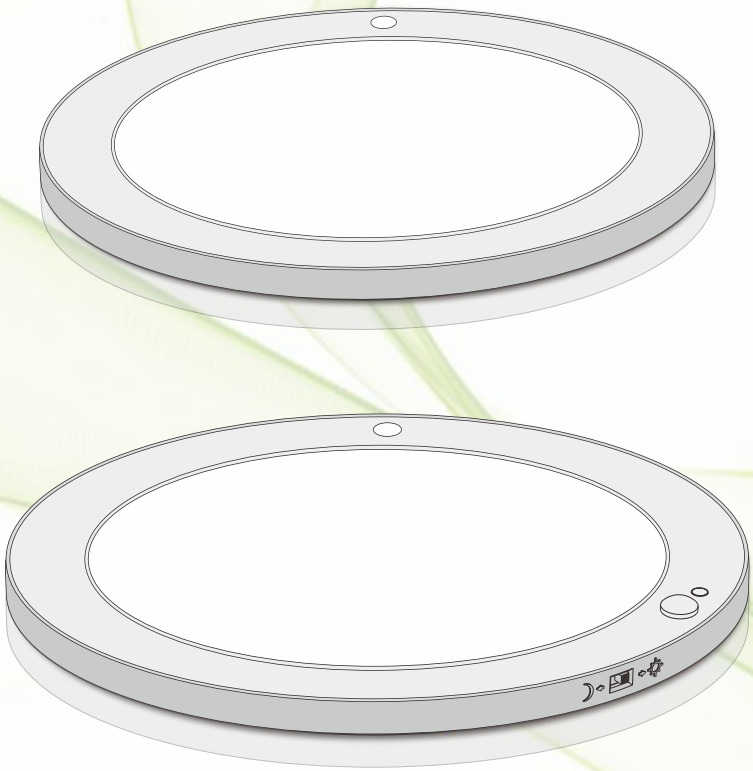
LED Panel Light

18W

Surface mounted

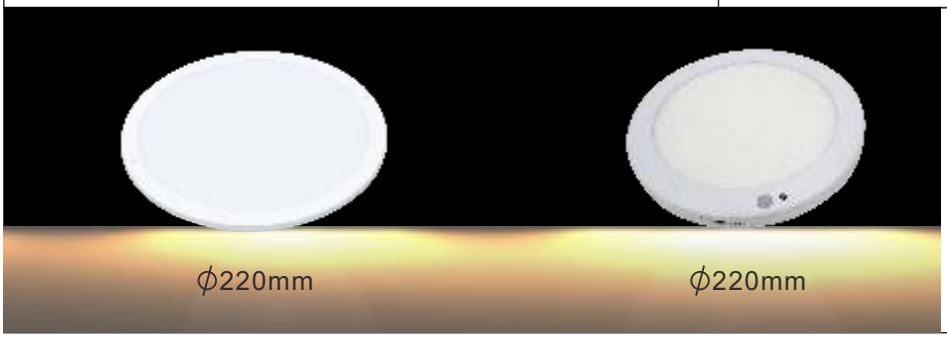
Built-in Driver

Ultra-thin 18mm



- Round
- Motion Sensor & Non-Sensor

D=220mmx18mm



Company Name: ..... Contact: .....

Supplier Brand: Greenlamp LED RETROFIT LAMPS ..... Sales Staff: ..... E-Mail: .....

Phone: ..... Fax: ..... Web: www.greenlamp.ie

Attention:

This manual contains important operation information. Read and understand all instructions prior to powering on unit the first time. Keep this manual in a safe place for future reference.

LED Panel Light Series

Perfectly replace ceiling light

Product Features

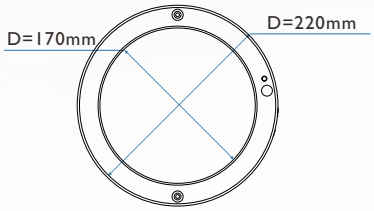
- Super slim - only 18mm, Elegance appearance.
- Built-in power supply, save your space.
- Multiple installation ways, easy operating, save labor.
- Soft lighting, No flash.
- High brightness, high CRI, perfect replacement for ceiling lamp.
- Sensing Distance(m):3.5m.

Specification

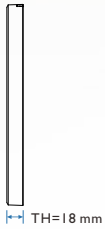
- Voltage: AC200-240V / AC110-120V 50~60Hz.
- Operating temperature: -4~113F(-20-45oC).
- Lamp life: 30 000hrs / 70%.
- Available color: 2700, 3000K, 4000K, 6000K.
- Function: Motion sensor / Motion sensor + Light sensor
- Shape selection: Round / Square.
- Color rendering: Ra>80.
- Energy efficiency: 80Lm/W.
- Degree of protection: IP40.

Surface-mounted

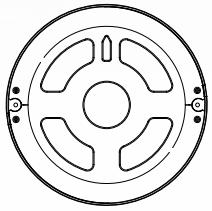
Dimension & Technology Parameter (Motion Sensor & Light Sensor)



Front View



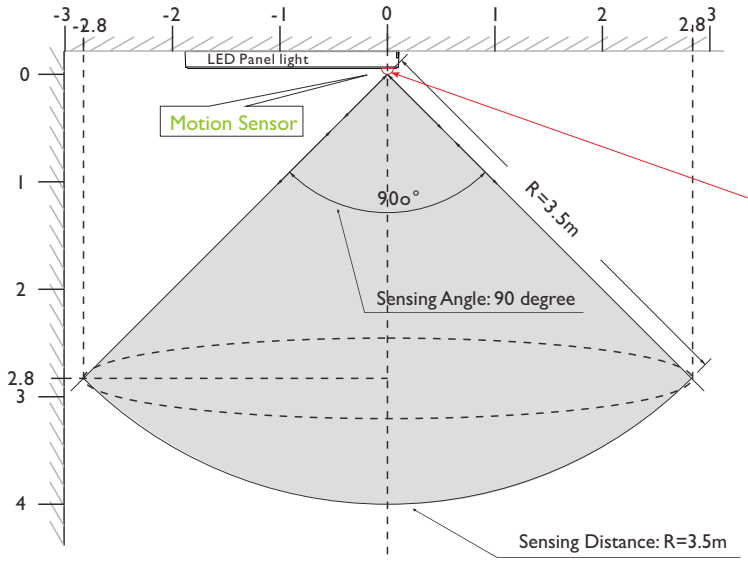
Side View

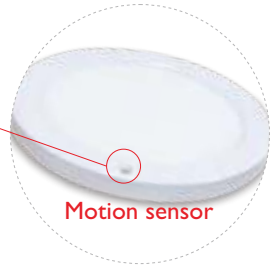


Back View

Item No.	SLM18WLED	SLM18WLEDSEN
Size (A/B mm)	220/170	220/170
Thickness(mm)	18mm	18mm
Watt (W)	18W	18W
LED Qty (pcs)	81pcs	81pcs
Voltage (V)	AC200-240V / AC100-135V, 50/60Hz	AC200-240V / AC100-135V, 50/60Hz
Lumens (lm)	1300-1500lm	1300-1500lm
Light Efficacy (lm/W)	75-85	75-85
CCT (K)	2700/3000/4000/6000	2700/3000/4000/6000
CRI (Ra)	82/92	82/92
Beam Angle (o)	120	120
Dimmable		NO
Sensing Method	NO	Motion Sensor & Light Sensor
Sensing Distance(m)	—	3.5m
Power Factor (PF)	>0.5	>0.5
Lifetime (Hrs)	30,000	30,000

Motion Sensor Working Principle

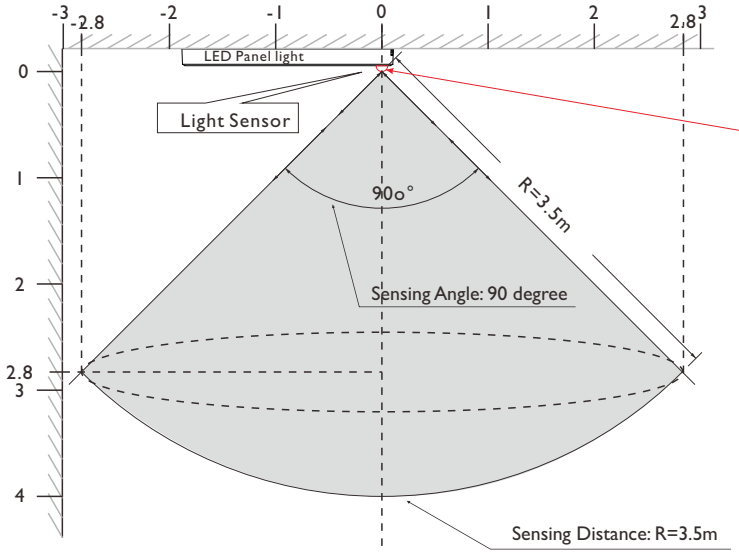


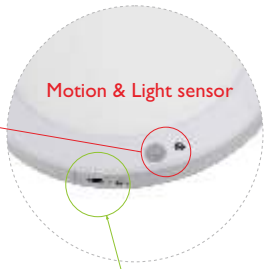


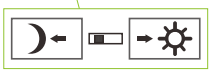
Attention

Sensor Parameter:
Motion Mode: PIR sensor
Detection height :3.5m max
Hold time: 30s
Detection angle: 90°
Motion detection

Motion Sensor + Light Sensor Working Principle







Mode Option

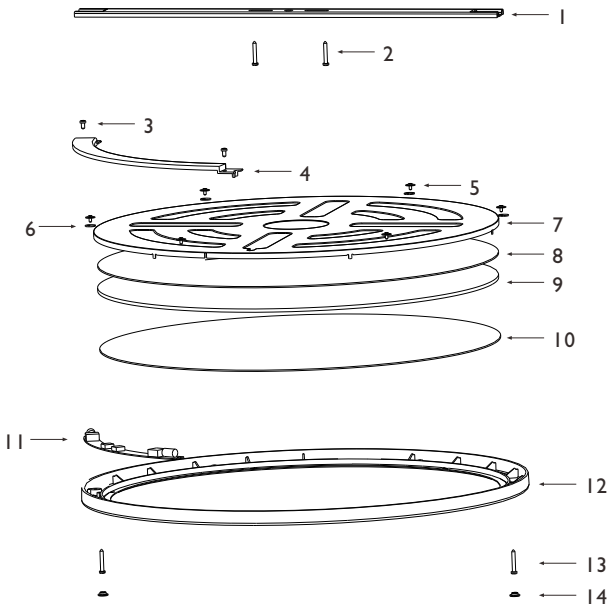
Attention

Sensor Parameter:
Motion Mode: PIR sensor + Daylight sensor
Detection height :3.5m max
Hold time: 30s
Daylight sensor: 13lux
Detection angle: 90°
Motion detection

Item \ Mode select	(Moon)	(Sun)
Mode	Night motion: Automatic on in night base on motion when it's <13lux	All motion mode: Automatic on in both day&night base on motion
Motion Mode	Motion sensor + Daylight sensor	
Detection Height	3.5m	
Hold Time	30S	

- Moon mode: Both Motion Sensor & Light Sensor work when indoors illumilation < 13Lux
- Sun mode: only Motion Sensor works

Product Structure (Example: Rpanel-18W)



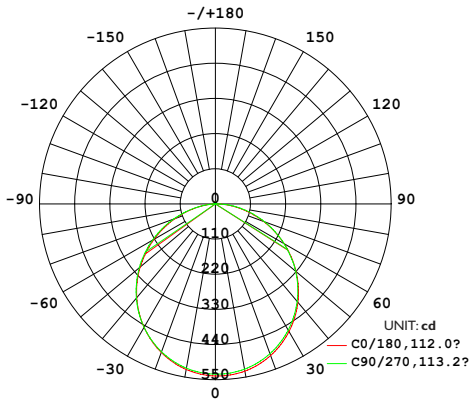
Component Part Name:

1. Mounting bracket
2. Screw
3. Screw
4. Upper cover of power supply box
5. Screw
6. Spacer
7. Aluminum cover
8. Reflective sheeting
9. Light guide panel (LGP)
10. Light diffusion plate
11. Power supply
12. Frame
13. Screw
14. Rubber plug

Optical property

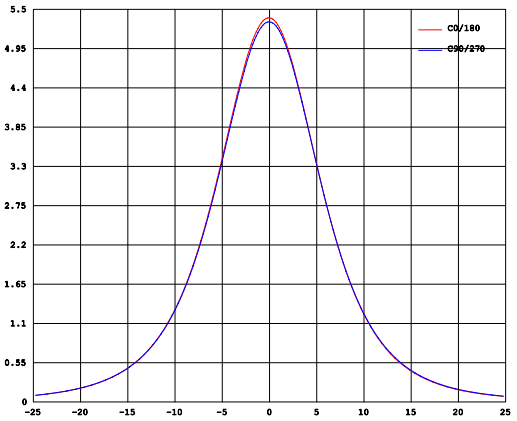
Light distribution: symmetry lighting
CCT : 6000K
Dimension: Ø220x18mm

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE (50%) 112.6 DEG

LUMINOUS INTENSITY DISTRIBUTION



ANGLE(DEG)

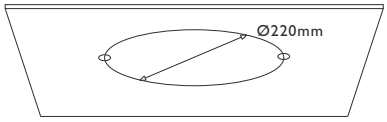
Attention

- The above luminous intensity distribution curve only represent the testing result of Rpanel-18W (6000K) this time.
- The above testing data of luminous intensity distribution curve only for testing reference, not present the data of every product.
- The luminous intensity distribution curve will vary with the power and color temperature of the LED panel light. This series product, color can be 2700K, 3000K, 4000K, 6000K etc.
- The testing data of luminous intensity distribution curve will vary with each test instrument.
- The testing data of above luminous intensity distribution curve is from Shenzhen LCS Compliance Testing Laboratory.

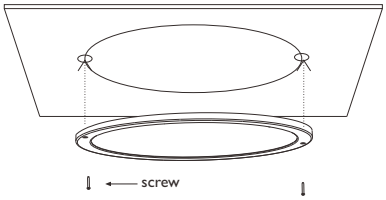
Installation Instruction

Four kinds of different methods for installation

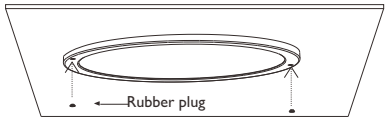
1. Surface mounted



Step1. Drill 48mm holes in the wall or ceiling and then fix the hole with anchor nuts.

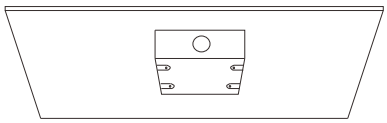


Step2. Fix the panel light with the screw on to the wall/ceiling.

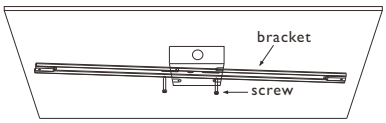


Step3. Wedge the rubber plugs into the panel light holes.

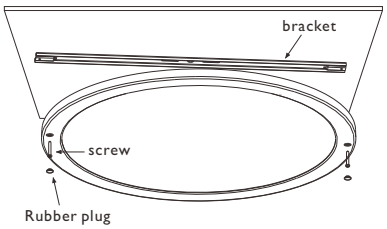
2. Install with the bracket. (Equally applies to LED square panel light installation)



Step1. Fix the embedded box into the ceiling/wall.



Step2. Fix the bracket on to the box with the screws



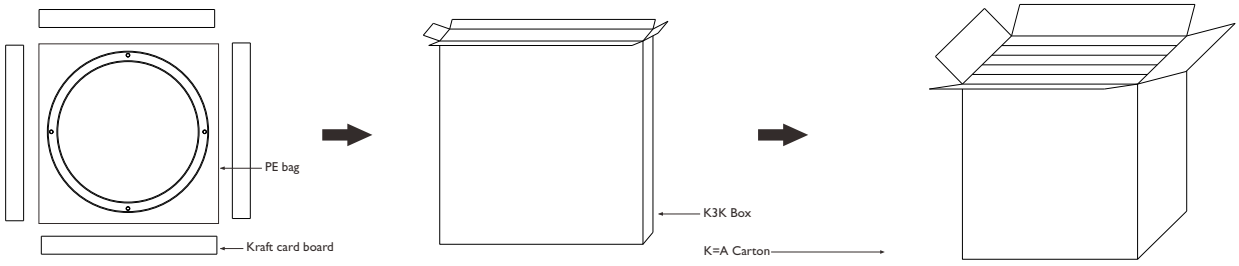
Step3. Fix the panel light onto the bracket with screw, and then wedge the rubber plugs into the panel light holes

Installation Instruction

Installation Attention

- Only the professional electrician can do the installing work. (Watch out the high voltage!)
- Make sure the integrity of the panel light when open the package.
- There is at least 0.2mm distance between the lamp and the inflammable materials.
- The power line can be fixed by clips and need to make sure it is fixed tightly.
- Make sure the power line get enough length to avoid any pull force of the line.
- After installation, link the lamp with driver.
- Link the drive to electric supply, usually, the brown line is firing line, the blue line is null line.
- Do not use the drive specially for LED lamp on other lamps.

Package



Item \ Model	Box Size(mm)	Qty(pcs) / Box	Carton Size(mm)	Qty(pcs) / Carton	G.W. (Kg)
SLM18WLED SLM18WLEDSEN	229x264x27	1	472x295x285	20	10.5

⚠ Attention: The above info is for reference only, if you want to get more accurate data, please contact our sales.

Preslite Distribution Ltd.

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