



1. Features

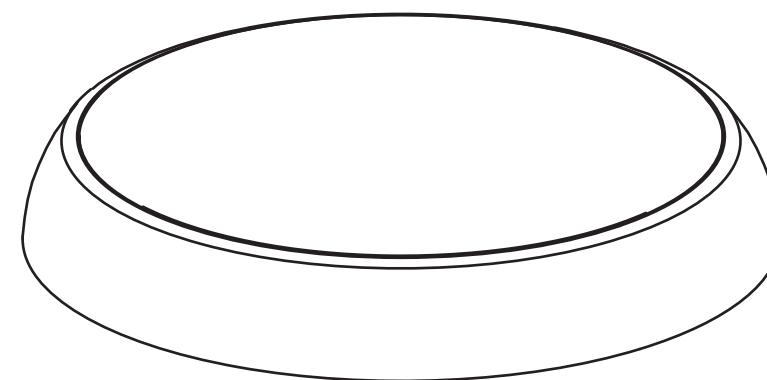


- Constant power output LED emergency power supply.
- LifePO₄ battery with battery management.
- With multiple protection functions: battery overcharge, deep discharge protection, output short circuit protection.
- Manual test & automatic test selection.

2. Parameters

Charge Part	LYC1	C180P2
	Rated input voltage	220-240Vac 50Hz/60Hz
	Rated input current	0.06A Max. @230Vac
	Input inrush current	10A(Twidth= 100us 50% Ipeak)@230Vac (Cold start at full load)
	Power factor	≥ 0.5@230Vac
	Input power	< 3W@230Vac
	Battery charging current	200mA Max.
	Battery charging time	24 hours Max.
Emergency Part	Operating mode	Emergency mode
	Load type	LED
	Emergency power	1W Max.
	Emergency time	3hours
	Load output current	83-200mA
	Load output voltage	5-12Vdc
Battery	LifePO ₄ (The battery capacity meets the emergency time at 25℃)	3.2V 1.8Ah
	Battery warranty	Warranty 5 year. @25℃
Exception Driver Requirements	Surge current	N/A
	Input current	N/A
	Output current	N/A
LED Indication (Manual test)	Charging	Green light
	Fault	Green light off
Emergency Function Test	Manual test	Yes

LED Ceiling Lamp

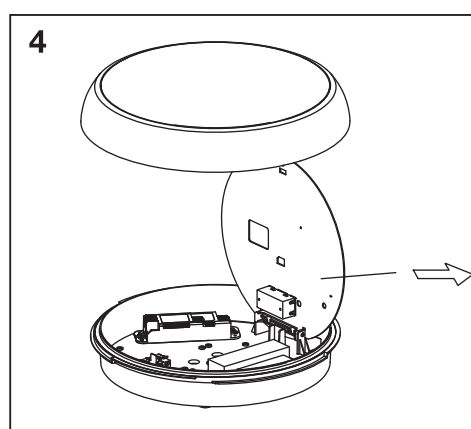
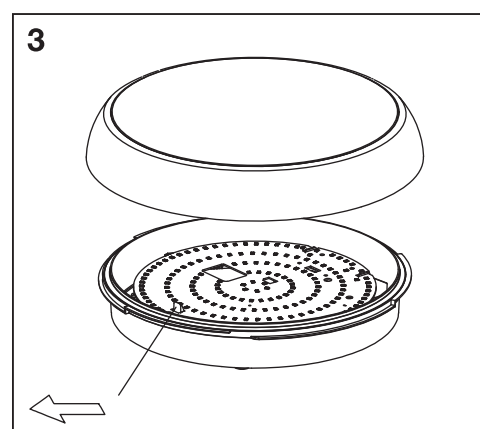
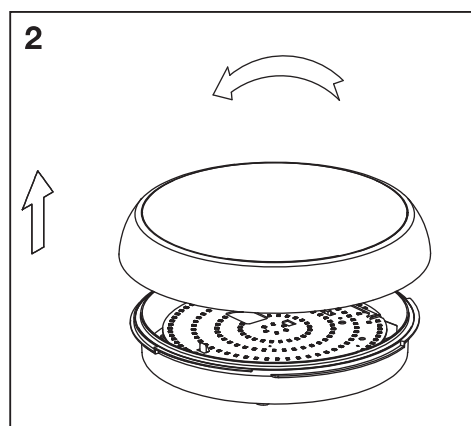
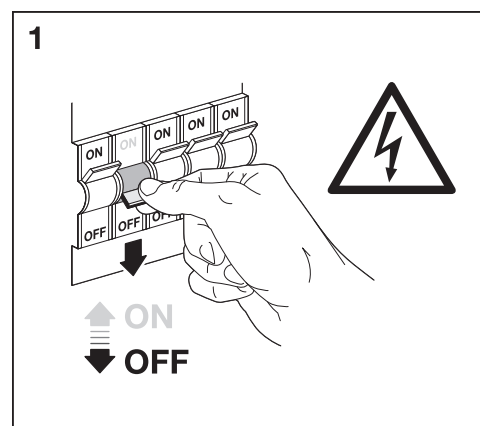
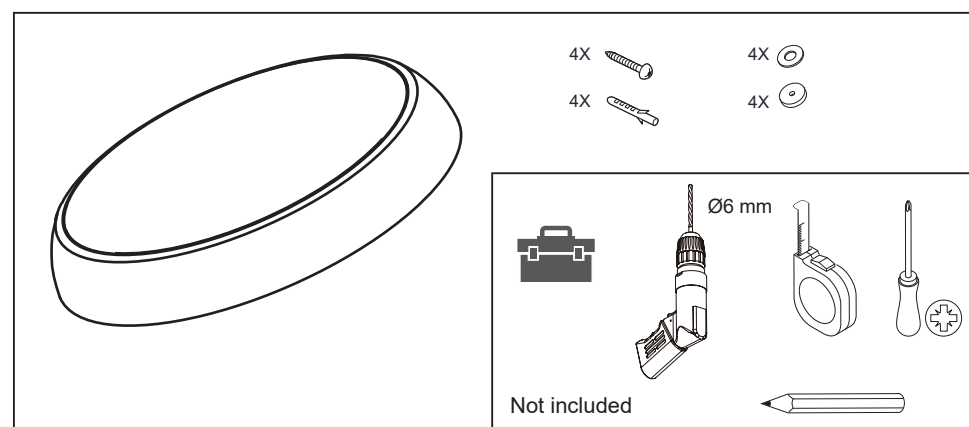


Product Item	B1726-CCT	B1726-CCT-S	B1726-CCT-EM	B1726-CCT-S-EM		
Wattage	12W/16W					
Lumen	1200lm/1600lm					
Color Temperature/CRI	3000K/4000K/6500K , >80					
Life Time	30000h					
Material	Diffusion PC Cover		PC Base			
Working Voltage	Isolation	220-240V~	50/60Hz			
Working Temperature	-20°C~40°C					
Power Factor	>0.5					
Size for Product(W*H)	Φ320X82.5MM					

black
score dimension 148 x 210 mm

black
score dimension 148 x 210 mm

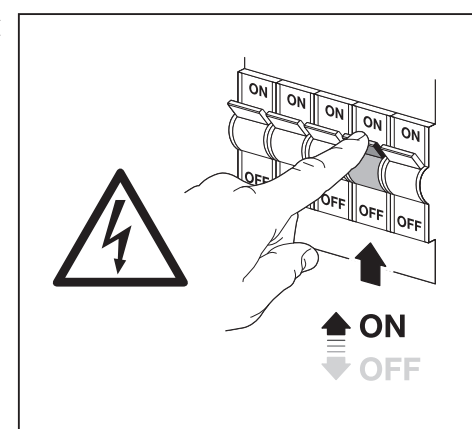
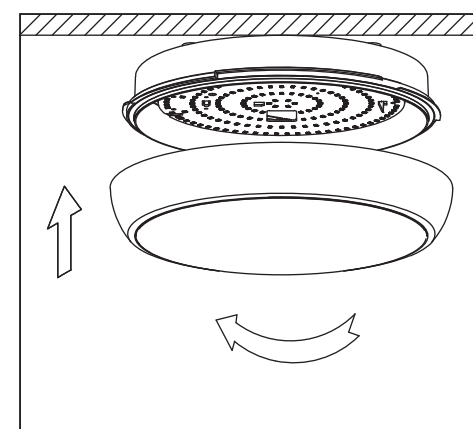
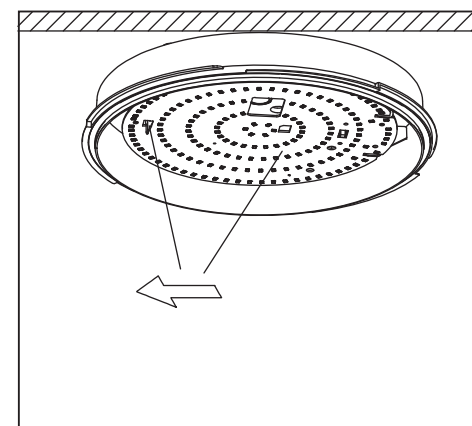
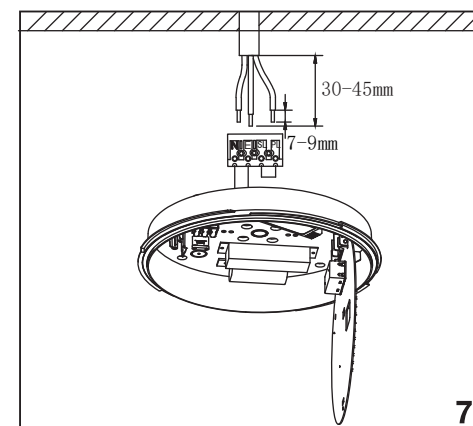
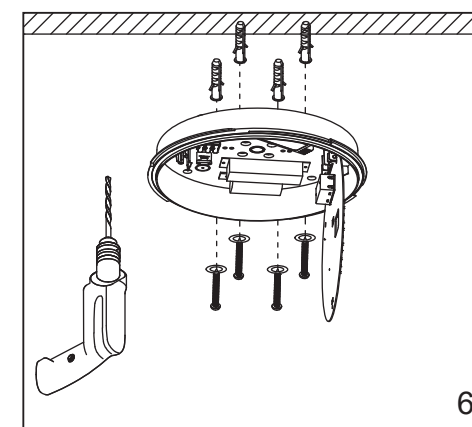
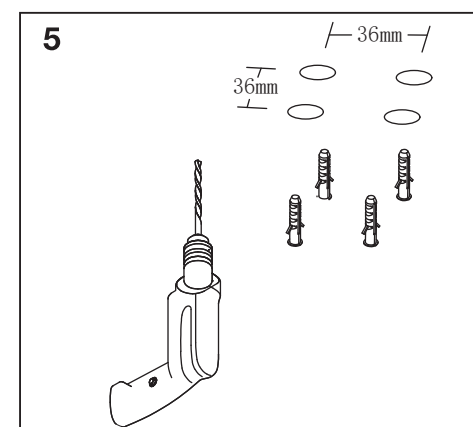
LED Ceiling Lamp



2

black
score dimension 148 x 210 mm

LED Ceiling Lamp

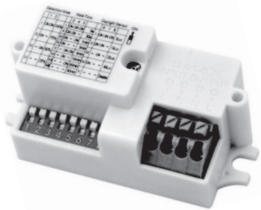


*1 TC (color temperature selection) series, you can adjust the shown switch to choose the color temperature.

3

black
score dimension 148 x 210 mm

1. Features



- 1. Conform to new ERP standards; low stand-by power.
- 2. 5.8GHz microwave license-free ISM wave band; bulk order are compliant with RED approval.
- 3. Compact size design, can be built-in most of light fixtures.
- 4. Simple to operate: adjusting DIP switches to change detection area, hold time, daylight sensor and other parameters.
- 5. Input and output terminals are convenient for connecting.

2. Parameter

Input	Voltage Rage	220-240Vac 50/60Hz	
	Rated Voltage	230Vac	
	Stand-by Power	≤0.1W	
	Surge Test	1KV(L/N, EN61000-4-5)	
Output	Working Mode	ON/OFF	
	Type of Load	Inductive or Resistive Load	
	Load Capacity	200W@230Vac(Inductive Load), 400W @230Vac(Resistive Load)	
	Max. Surge Capacity	20A (50% Ipeak, twidth =500uS, 230Vac full load, cold start); 40A (50% Ipeak, twidth =200uS, 230Vac, full load, cold start)	
Sensor Parameters	Operating Frequency	5.8 GHz ±75 MHz, ISM Wave Band	
	Transmitting power	1mW Max	
	Hold time	5S/30S/1min/3min/5min/10min/20min/30min	
	Detection	100%/75%/50%/25%	
	Daylight	Normal Daylight Sensor	2Lux/10Lux/25Lux/50Lux/Disable (Ambient diffusion status)
	Detection radius (100% detection area)	Ceiling Mounting at 3m height: 0.3m/S ≥3.5m, 1m/S ≥2.5m Wall Mounting at 2m height: 0.3m/S ≥8m, 1m/S ≥4m	
	Mounting Height	Typical Value: 3m (4m Max)	
	3db Beam Angle	84°@XZ filed 108°@YZ field	
	Operating Temperature	-20℃~60℃	
	Storage Temperature	-40℃~80℃ Humidity: ≤85%(Non-condensing)	
Certificate Standards	Safety Standards	EN61058-1-2, EN61058-1	
	EMC Standards	EN61058-1, EN61000-3-2, EN61000-3-3, EN62479 EN301489-1, EN55015, EN300440	
	Environmental Requirement	Compliant to RoHS	
	Certificate	CE, RED, TUV	

Others	Wiring	Press-in Type Terminals, wire diameter:0.75-1.5mm2
	IP Rating	IP20
	Protection Class	Class II
	Installation	Built-in
	Dimension	61.0*29.0*25.0mm
	Package	Bubble bag+Clapboard + Carton(K=A)
	Net Weight	25.2g
	Lifetime	5 years warranty @Ta 230V full load

3. Function

(1) ON/OFF Function



① With sufficient ambient light, the light will not be switched on even if with motion signal.



② With insufficient ambient light, the sensor switches on the light when motion is detected.



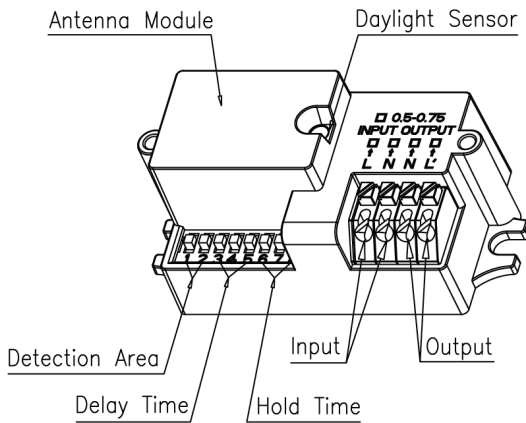
③ After elapse of hold time, the sensor switches off the light when no motion is detected.

Setting daylight sensor to “disable” or ambient brightness is lower than the preset daylight sensor value, when detecting moving signals sensor starts working and light will turn on. When hold time ends, light will turn off.

(2) Override Function

Light will constantly remain on after continuously turning on and off light three times in two second. Recover sensing function when power on again.

4. Structure



5. DIP Switch Setting

1) Detection Area

	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

2) Hold Time

	3	4	5	
I	ON	ON	ON	5S
II	ON	ON	-	30S
III	ON	-	ON	1min
IV	ON	-	-	3min
V	-	ON	ON	5min
VI	-	ON	-	10min
VII	-	-	ON	20min
VIII	-	-	-	30min

3) Sensor

	6	7	8	
I	ON	ON	ON	2Lux
II	ON	ON	-	10Lux
III	-	ON	-	25Lux
IV	ON	-	-	50Lux
V	-	-	-	Disable*

*Setting "Disable", sensor turns light when detecting moving object whether the daylight brightness is enough or not.
*Daylight thresholds are typical values that are measured on a sunny day without shadow and in an ambient light diffuse reflection status.

6. Radiation Pattern

