



LED CEILING LIGHT

AL52

Introduction



◀ AL52 is the latest design ceiling light which can be controlled by 2.4G wireless remote controller, offering dimmable, color changeable (controlled by switch/ remote controller/APP), night light, power off memory and timing switch functions etc. The CCT and brightness can be selected according to different preference, the lamp will keep the memory in the last lighting mode which lasting for more than 5 seconds (color and brightness). Timing function brings personalized energy-saving experience. Low power consumption, fast switch between different functions, excellent stability and strong anti-interference capacity make this lamp outstanding.

Features

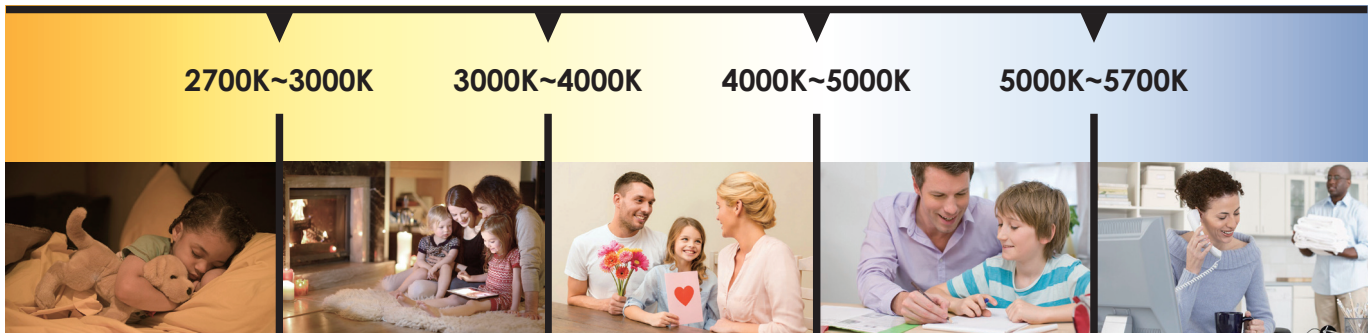
1. Up to 70% energy saving compared to standard CFL.
2. Long lifetime of 40,000 hours.
3. Dimming from 3000-5700K when using 2.4G remote controller.
4. Power off memory: the lamp will be the same color and brightness if the last lighting mode lasting for more than 5 seconds.
5. The lamp scene can be customized and controlled in single or in group when with extremely personalized and intelligent APP control system.
6. 120° wide beam angle.
7. No UV/IR light.
8. Environment friendly, without Mercury or any other hazardous substances.

Application Areas

Suitable for commercial and residential applications like office, supermarket, shop, school, hotel, restaurant, workshop, warehouse, home etc.



2.4G&Wifi Intelligent Control



2.4G Remote controller



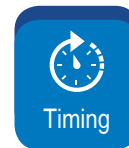
WiFi Box (Mobile App)



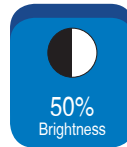
Color Changeable



Dimmable



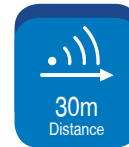
Timing



50% Brightness



Night Lamp



30m Distance



2700K~5700K Changeable

Creating fantastic atmosphere by flexible CCT changing between warm white, natural white and day light, the color changing items are controlled by remote controller, wall touch switch or smart phone APP.

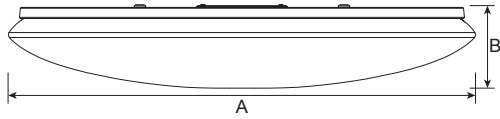


8%~100% Dimmable

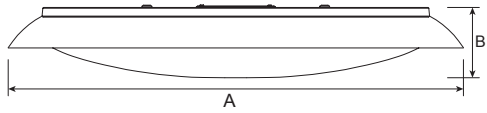
Dimmable from 8%~100% brightness with timing and night lamp function, diversified scene setting, creating a humanized smart control system.



TYPE A



TYPE B

**IP20****PF 0.9****CRI ≥80****RoHS**

Measurement

Modle	Dimension(mm)		Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
45W(TYPE A)	600	106	Ø600*106	2.5	3.5	3.5	3.5	76*76*18	1	266	648
45W(TYPE B)	670	106	Ø670*106	2.8	3.8	3.8	3.8	83*83*18	1	224	544

Technical Data Sheet

Model No.			AL52-45w
Watt(W)			45W
Dimension(mm)			Ø600*106
Rated Input Voltage(V)			AC220V
Input Voltage(V)			AC200-240V
LED			SMD
SDCM			—
CCT(K)			3000K + 4000K + 5700K
Luminous Flux (lm) ±5%	3-CCT	Non-DIM	—
		DIM	3600~3735
CRI			≥80
Beam Angle (°)			120°
LED Driver			Built-in
DIM			2.4G remote control / wifi
Protection Class			Class II
IP Rating			IP20
IK Rating			—
Finishing color			White RAL 9016
Material			PMMA+SPCC
Lifetime (hr)			40,000h
Glow wire test (°C)			900°C ~960°C
Operating Temp.(°C)			-20°C ~45°C
Storage Temp.(°C)			-20°C ~60°C
Installation			Surface mount
Brand Driver option			—

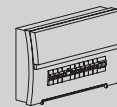
Driver Datasheet

Power	45W
Rated Input Voltage(V)	AC220V
Frequency	50Hz
Input Voltage	AC200-240V
Power Factor	0.9
Efficiency	85%
Total load wattage	45W±5%
Rated Input Current	≤0.25A
Full load output voltage	DC38V
Rated output current	1050mA
Output current range	1050mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming Range	8%-100%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	<20% @230V
Surge	L-N 1KV
Withstand voltage	3750V

Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



**Turn Off
Power Supply**

Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

How to install

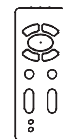
Step 1



Type A

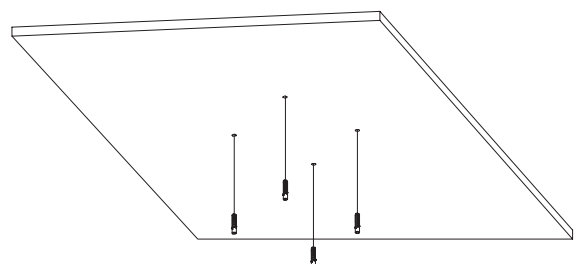


Type B



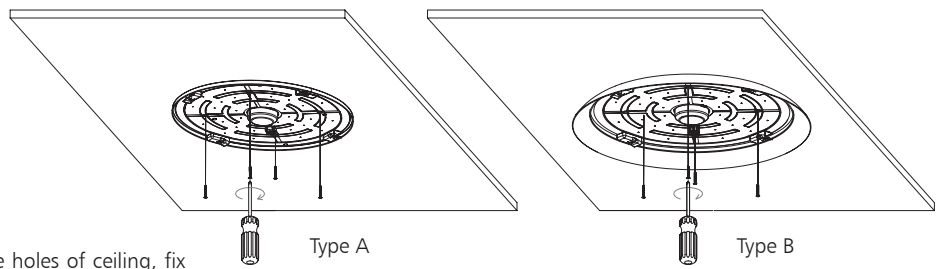
Take out the lamp and accessory pack.

Step 2



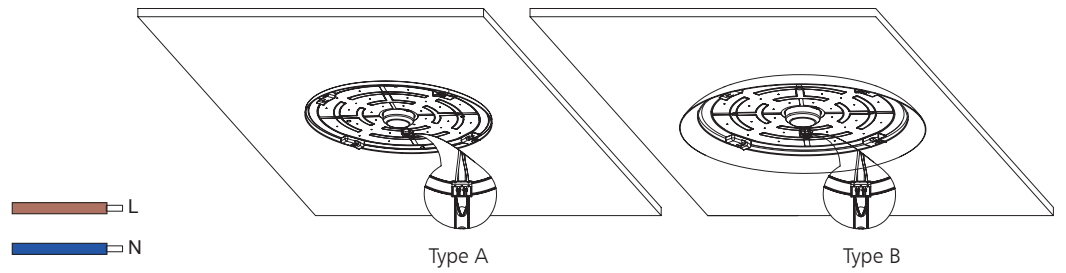
Make four holes and insert anchor on the ceiling according to the drawing.

Step 3



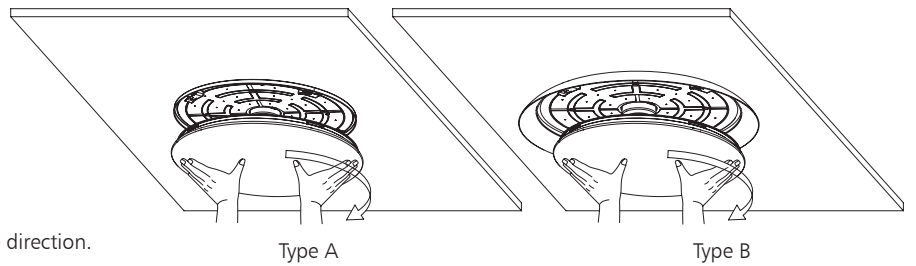
Match the holes of the mounted plate with the holes of ceiling, fix the plate on the ceiling.

Step 4



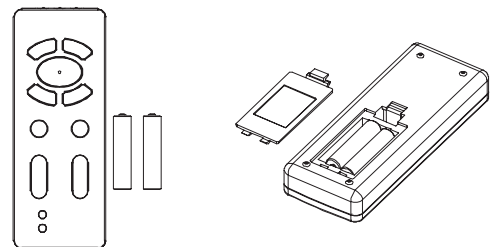
Connect the wires well.

Step 5



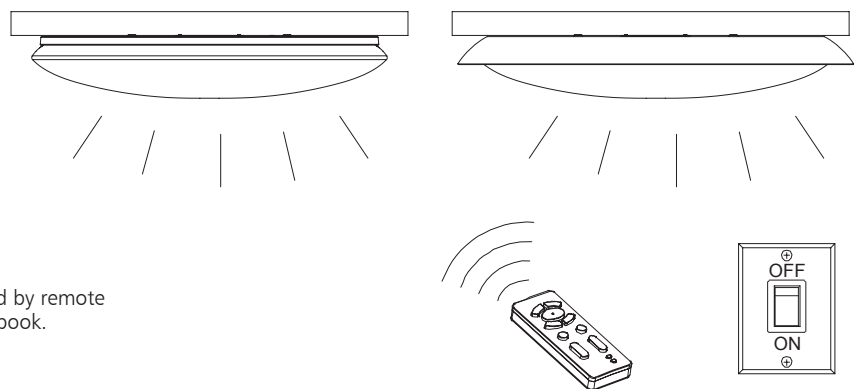
Fix the cover on the plate by rotating it in clockwise direction.

Step 6



Check the remote control Notes: it matches with 5#dry battery.

Step 7



Turn on the lamp, check whether it can be controlled by remote control, more details please refer to the instruction book.