

Entry / ECO

Standard / STD

Professional / PRO

ODM & OEM

Intelligent / INT



LED Ceiling Light
AL117 Series





Introduction

This is a super slim and frameless ceiling light design. It has a curved surface, sand-grained PC shade offers a uniform light output, frameless with full luminous. IP54 and IK08 high protection ensure a long lifespan, loop in/out design makes an easier installation.

Features

- Super slim with 46/48mm thickness.
- High lumen efficiency, 100lm/W.
- IP54 IK08 high protection level.
- Dimming way: Non- dim, triac dim, DALI dim.
- Internal flicker free driver.
- Adjustable CCT and adjustable power.
- Lamp color: White RAL9016.(Can customize other color as required.)
- S7: Adjustable sensor with slide switch.

Application Areas

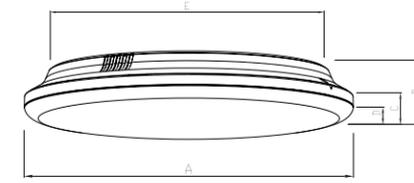
It is designed for general lighting applications, such as Hotel, office, Restaurant, Corridor etc, also can be used in class room (wet condition), living room (wet condition)





Adjustable power
Color changeable

Triac Dimmable
120°
IP54
PF 0.9
CRI ≥80
50000 HOURS



Measurement

Code	Dimension(mm)					Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
8"	Ø200	46	24	16	175	Ø200*46	0.5	0.62	6	8.2	47.5*34.5*25	12	8436	19944
11"	Ø275	48	26	17	230	Ø275*48	0.8	0.96	9.6	12.5	58.5*34.5*30.5	12	5136	12384
14"	Ø350	48	26	17	305	Ø350*48	1.2	1.43	12	15.5	57.5*37.5*38	10	3600	7930

Technical Data Sheet

Code No.	BA2009-AL117-12W	AL117-11-12W	AL117-11-18W	BA2010-AL117-25W		
Dimension(mm)	Ø200*46		Ø275*48			
Cutout (mm)	-					
Watt(W)	12W	12W	18W	25W		
Rated Input Voltage(V)	AC230V					
Input Voltage(V)	AC200-240V					
LED Module Input	-					
Light Source	SMD					
SDCM	<6 (@3000K 4000K 5000K)					
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch	YES					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	1100-1300	1100-1300	1660-1900	2300-2650
	DIM		1050-1250	1050-1250	1620-1850	2250-2600
	Non-DIM	3-CCT	1100-1350	1100-1350	1660-1950	2300-2700
	DIM		1050-1300	1050-1300	1620-1900	2250-2650
CRI	≥80					
Beam Angle (°)	120°					
UGR	-					
LED Driver	Built-in					
Dimming Option	Triac/ DALI					
Sensor	Microwave sensor & Daylight sensor					
Emergency Kits	-					
Electrical Class	Class II					
Ingress Protection (IP Rating)	IP54					
Impact Resistance (IK Rating)	IK08					
Product Finishing(Base)	White RAL 9016					
Materials of Optics	PC					
Materials of Housing	PC					
Lifetime (hr)	50,000h @ L70B50 Ta=25°C					
Glow wire test (°C)	750°C Cover) 850°C (Lamp Base)					
Operating Temp. (°C)	-20°C ~45°C					
Storage Temp. (°C)	-20°C ~65°C					
Installation	Surface mount/Wall mount					

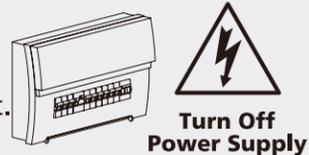
Driver Datasheet(Triac Dimmable)

Total load wattage		12W	18W	25W
Output	Output Voltage range	DC60-75V		
	Rated output current	140mA	230mA	320mA
	Line Regulation	±5%		
	Setup, Rise Time	<0.5S		
	Flickering Index	<5%(NO RISK)		
Input	Input Voltage	AC200-240V		
	Rated Input Voltage(V)	AC230V		
	Frequency	50Hz		
	Input Current	≤0.07A	≤0.1A	0.14A
	Rated Input Current	≤0.06A	≤0.09A	0.13A
	Power Factor	0.9		
	THD	-		
	Efficiency	81%	84%	
Protection	No load wattage	≤1W		<1W
	Short circuit protection	Pass		
	Over voltage protection	Pass		
Safety & EMC	Over temperature protection	Pass		
	Withstand voltage	-		
	Isolation Resistance	-		
	Surge	L-N:0.5KV		L-N:1KV
EMC	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

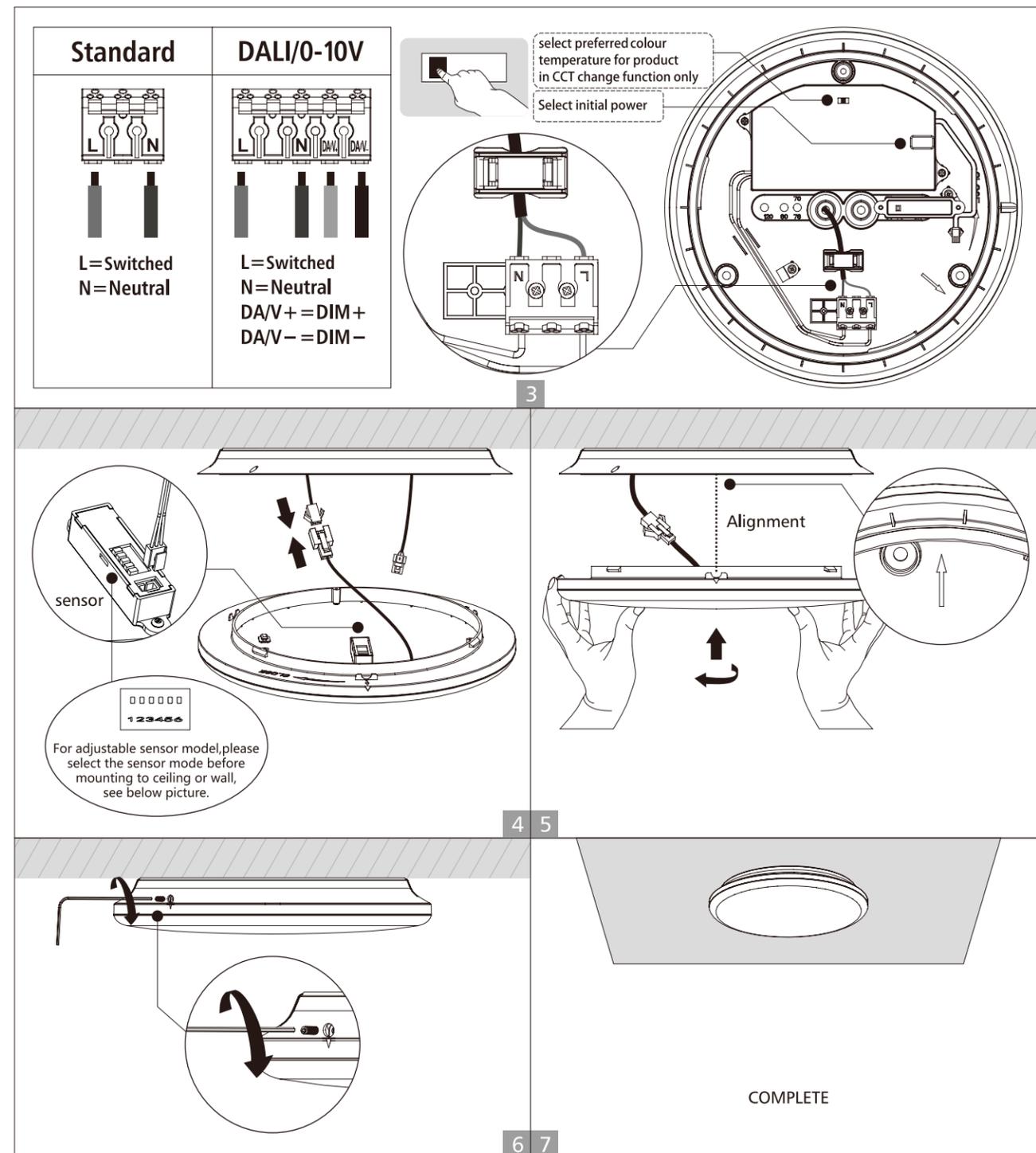
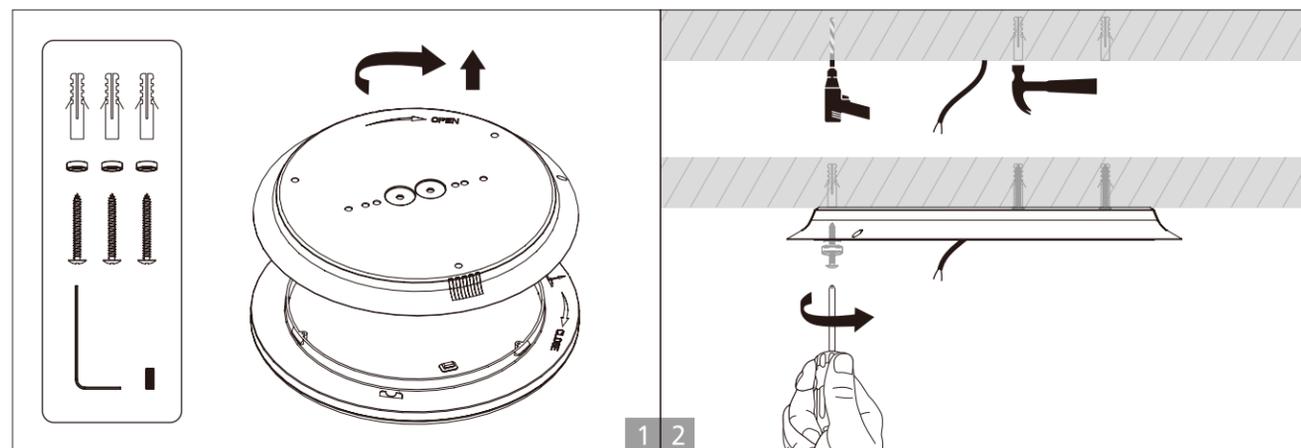
Installation Instruction

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.



How to Install

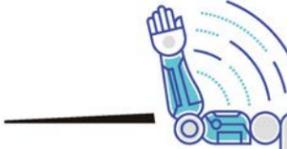


ECO
Specifications

STD
Specifications

PRO
Specifications

ODM
Specifications


INT
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