

WW CW DL
Color changeable

BA- Lighting AS

BA494

Introduction



◀ AL66 bulkhead adopts die-casting Aluminum body and 94-V0 fire-rated PC cover. This fixture provides an alternative to the color changeable. These lights are a perfect answer to complete your outdoor look.

Features

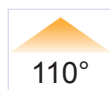
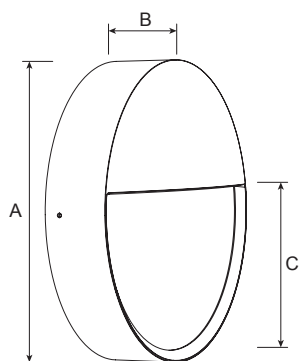
1. Round fixture, with 94-V0 PC cover
2. Long lifetime of 50,000 hours.
3. CCT: 3000K 4000K 5000K 5700K.
4. Built-in LED driver.
5. Triac dimmable and color changeable functions both available
6. High ingress protection rating: IP65, IK10, Class I
7. Ideal replacement for traditional Halogen or fluorescent wall lights.

Application Areas

It is designed for general lighting applications. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.



Slide switch for color selection



IP65

PF 0.9

CRI ≥80



Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
10"	250	74	143	Ø250*74	1.1	1.3	11	14	59*52.5*29.5	10	2880	6800

Technical Data Sheet

Model No.			AL66-10-12W	
Watt(W)			12W	
Dimension(mm)			Ø250*74	
Rated Input Voltage(V)			AC230V	
Input Voltage(V)			AC200-240V	
LED			SMD	
SDCM			<6	
CCT(K)			1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K / 4000K / 5700K	
"Luminous Flux (lm) ±5%	1-CCT	Non-DIM	900-1100	
		DIM	880-1050	
	3-CCT	Non-DIM	880-1100	
		DIM	880-1050	
CRI			≥80	
Beam Angle (°)			110°	
LED Driver			Built-in	
DIM			YES	
CCT Selection Switch			YES	
Protection Class			Class I	
IP Rating			IP65	
IK Rating			IK10	
Finishing color			Black (RAL 9005)	
Material			Aluminium / PC	
Lifetime (hr)			50,000h	
Glow wire test (°C)			750°C	
Operating Temp.(°C)			-20°C ~45°C	
Storage Temp.(°C)			-20°C ~65°C	
Installation			Surface Mounted	
Brand Driver option			—	

Driver Datasheet (Non-dimmable)

Power	12W
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC200-240V
Efficiency	≥88%
Total load wattage	12W±1W
Power Factor	0.9
Rated Input Current	≤0.07A
Full load output voltage	DC60-80V
Rated output current	150mA
Output current range	150mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	—
Surge	L-N 500V LN-PE 1KV
Withstand voltage	—

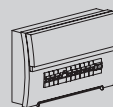
Driver Datasheet (Triac Dimmable)

Power	12W
Rated Input Voltage(V)	AC230V
Frequency	50Hz
Input Voltage	AC200-240V
Efficiency	85%
Total load wattage	12W±1W
Power Factor	0.9
Rated Input Current	≤0.07A
Full load output voltage	DC65-75V
Rated output current	150mA
Output current range	150mA±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 500V LN-PE 1KV
Withstand voltage	—

Installation Procedure

WARNING

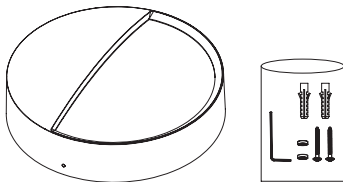
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



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

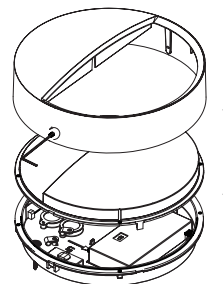
How to install

Step 1



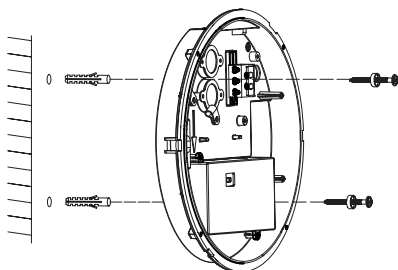
Take out the lamp and accessory.

Step 2



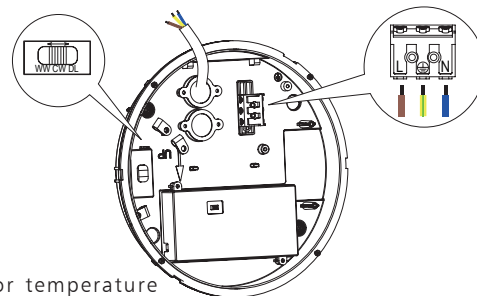
Make the frame, diffuser and back housing separately.

Step 3



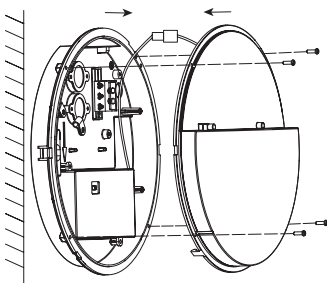
Fix the back housing on the wall or ceiling by screws.

Step 4



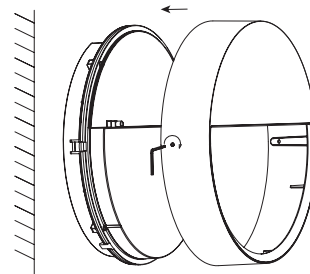
Choose the color temperature with DIP switch if it's the color changeable version, then connect the wires well.

Step 5



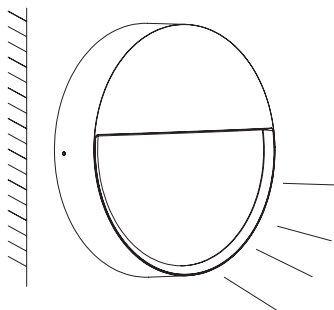
Connect the DC plug(if with Emergency , connect the plugs between the battery and driver), put back the cover to the back plate and fix it by screws

Step 6



Buckle the frame back and fix it by proper tools.

Step 7



Installation finished, turn on the switch.

