SPECIFICATION

LED Wall Light
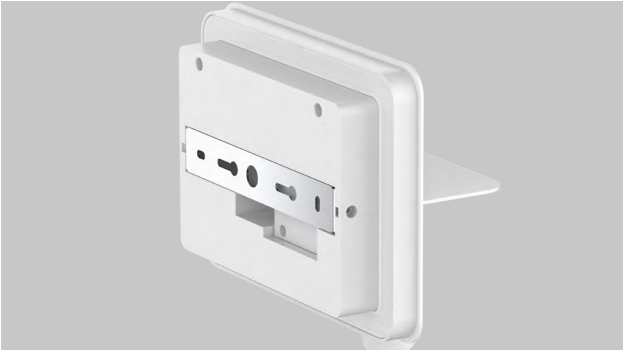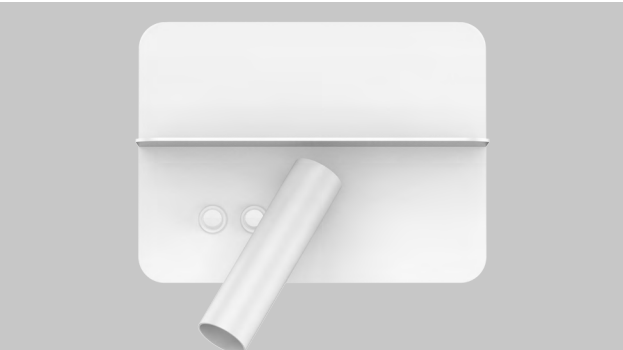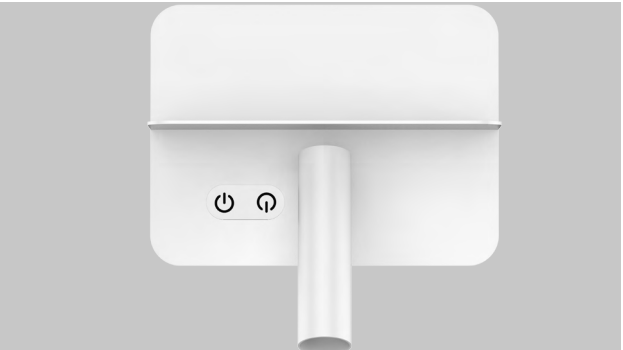
ARA Wall Light 68 Series

Introduction

ARA Wall Light 68 is a bedside lamp with phone shelf. There are two lighting parts, CREE COB light source for the front part and a SMD2835 light source for back part. It has touch switch and rocker switch versions. Both versions have two switches for front and back lighting. For touch switch version, there is a USB interface on the left and right side, The lamp is dimmable and can be adjusted with a long press. Rocker switch version has no USB interface, no dim function.
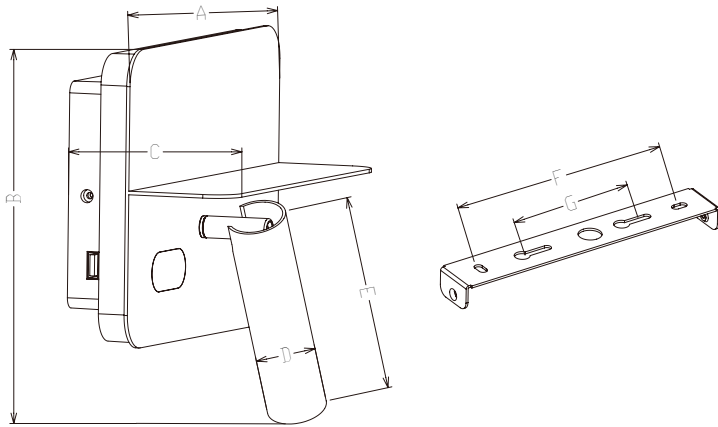
Features

- Wall mounted LED bedroom reading / Study light with spotlight and back light.
- Soft indirect back light can be regarded as night light use when the spotlight is turned off
- Anti- glare spot light creates a good study /reading experience
- Basic switch on/off version and functional touch dimming & USB chargers version are optional.
- A mini metal shelf added on the front to support an charging phone or book.
- Built in driver
- Flicker free driver provides human centric comfort to readers eyes.
- Aluminium metal front plate & spotlight head with PC back frame

Application Areas

Applications: It is designed for private lighting applications in student accommodation, hotel, home, hospital, library etc.

ARA Wall light 68-9W   ARA Wall light 68-9W-T

30° | IP40 | CRI ≥80 | CRI ≥90 | 50000 HOURS

Technical Data Sheet

Code No.	WL200D/09**068		WL200D/09**068T
Dimension(mm)	200*202*94.8mm		
Cutout (mm)	-		
Watt(W)	9W — Focus light 4.5W / Ambient light 4.5W		28W — Focus light 4.5W / Ambient light 4.5W / 2 Group USB 5V 1500mA
Rated Input Voltage(V)	AC230V		
Input Voltage(V)	AC200-240V		
LED Module Input	9V		
Light Source	Focus lighting CREE 1304 9V/ Back light SMD2835		
SDCM	-		
CCT(K)	2700K/3000K/4000K/5000K		
CCT Selection DIP Switch	-		
Luminous Flux (lm) ±5% — Focus	280-350		
Luminous Flux (lm) ±5% — Ambient	160-300		
CRI	Focus lighting 80/90 Back light 80		
Beam Angle (°)	30°		
UGR	-		
LED Driver	built-in		
Dimming Option	NO		Touch dimming
Sensor	-		
Emergency Kits	-		
Electrical Class	ClassI		
Ingress Protection (IP Rating)	IP40		
Impact Resistance (IK Rating)	IK06		
Product Finishing(Base)	White RAL 9016		
Materials of Optics	PC		
Materials of Housing	Aluminum+PC		
Lifetime (hr)	L 70B50 50000hr		
Glow wire test (°C)	750°C		
Operating Temp. (°C)	-20°C ~45°C		
Storage Temp. (°C)	-20°C ~65°C		
Installation	Wall mounted		
Function(charge)	2 Group USB 5V 1500mA		

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	F	G		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
ARA68	200	202	94.8	⌀30	115	120	60	200*202*94.8	0.655	0.9	10.8	11.8	49*39*41	12	3900	10032

Driver Datesheet (Standard)

Total load wattage		5W (2 Group Power)		
		LED Back light	LED Read light	
			4.5W	
Output	Line Regulation	±7%		
	Setup, Rise Time	≤0.5S		
	Flickering Index	<3%(NO RISK)		
	Output Voltage range	DC5-10V		
	Rated output current	350mA		
	Input Voltage	AC200-240V		
	Rated Input Voltage(V)	AC230V		
	Frequency	50/60HZ		
Input	Input Current	0.05A		
	Rated Input Current	0.043A		
	Power Factor	0.4		
	THD	-		
	Efficiency	≥74%@230V		
	No load wattage	<1W		
Protection	Short circuit protection	PASS		
	Over voltage protection	PASS		
	Over temperature protection	PASS		
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S; I/P-FG:1.6KVac,<5mA 60S; O/P-FG:0.5KVac,<5mA 60S		
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω		
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV)		
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

Driver Datesheet(Touch dimming)

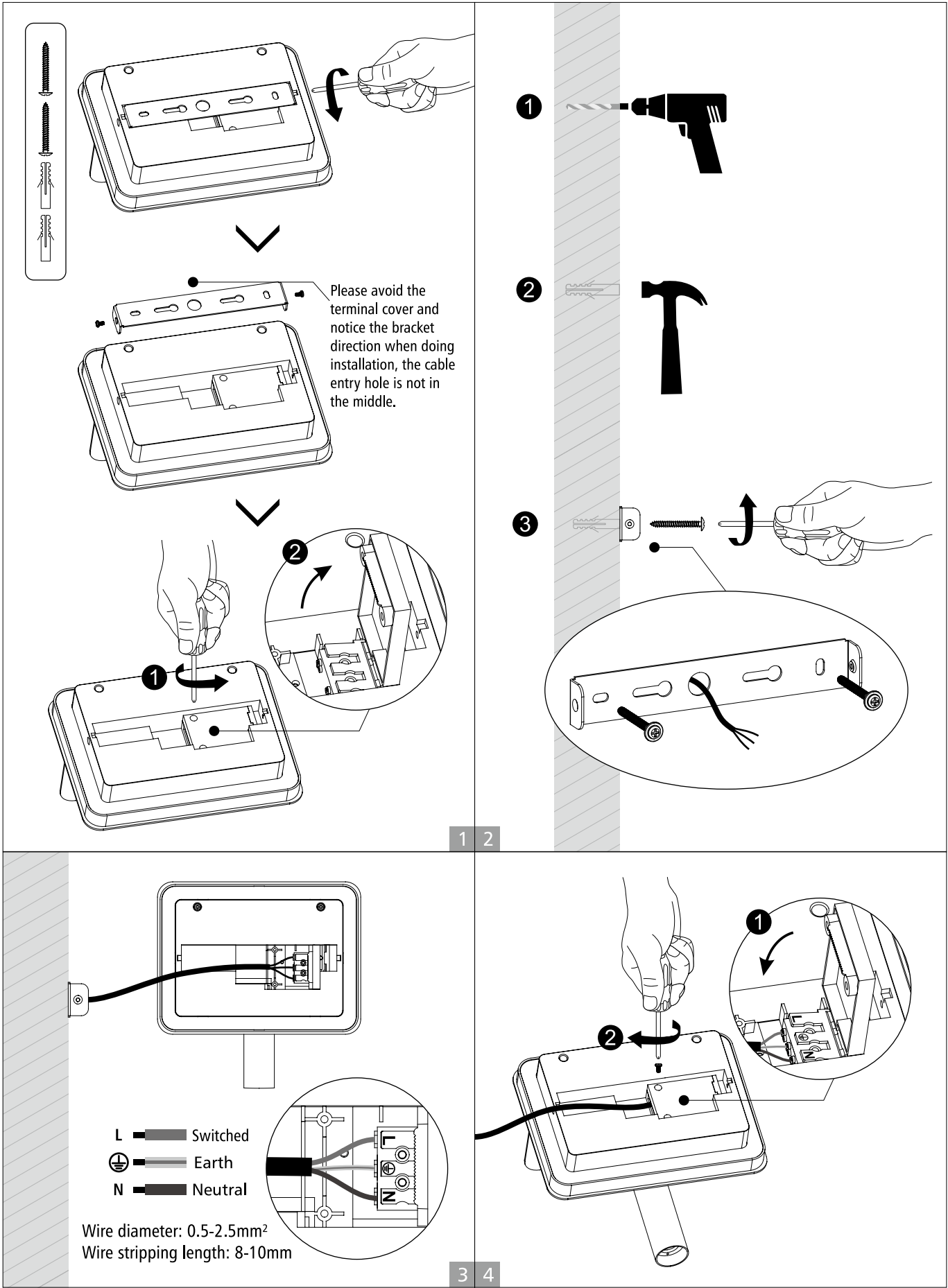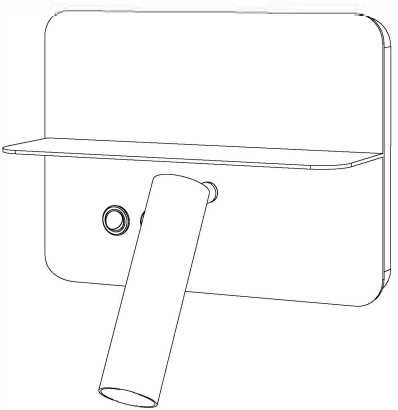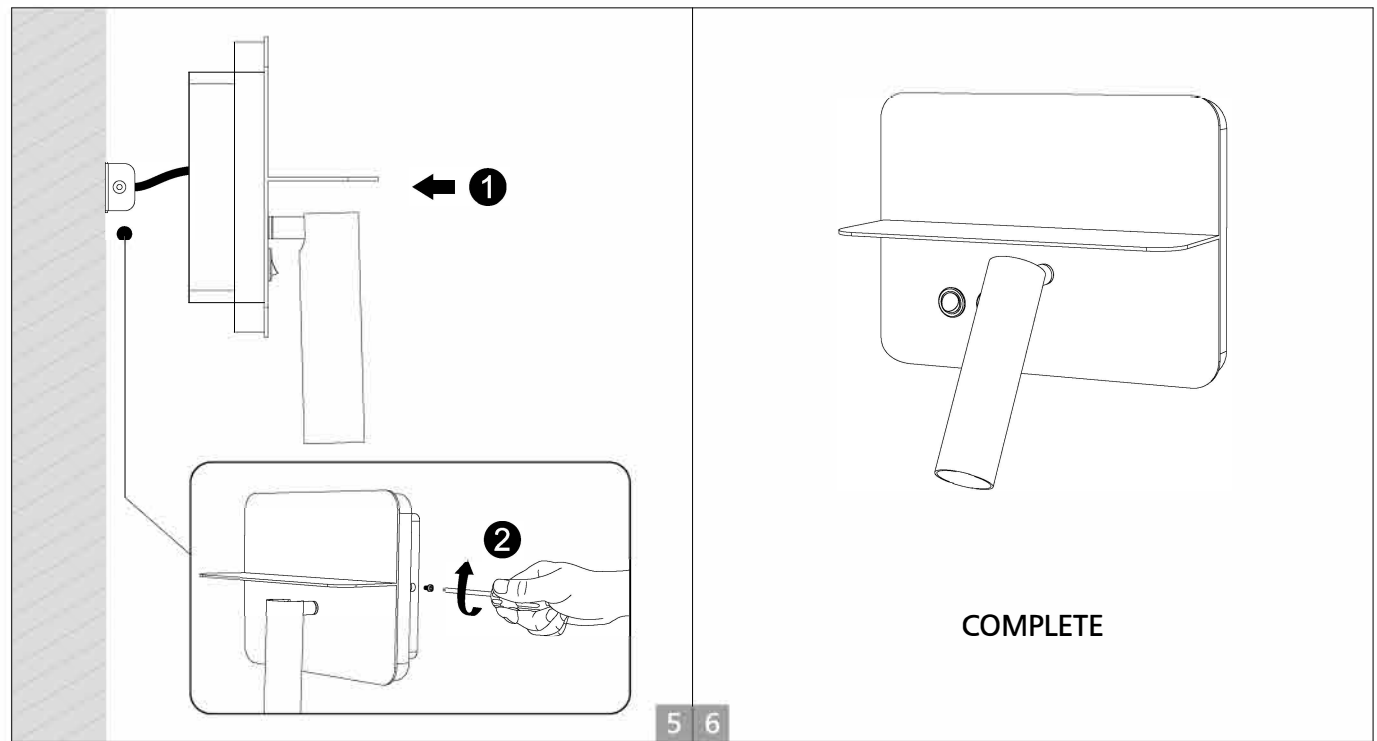| Total load wattage		28W (Total driving power)		
		LED Back light	LED Read light	USB (2 Group)
		4.9W	4.9W	8.5W*2
Output	Line Regulation	±5%		
	Setup, Rise Time	≤0.5S		
	Flickering Index	<3%(NO RISK)		
	Output Voltage range	DC5-10V		5V
	Rated output current	380mA		1500mA*2
Input	Input Voltage	AC200-240V		
	Rated Input Voltage(V)	AC230V		
	Frequency	50/60Hz		
	Input Current	<0.28A		
	Rated Input Current	<0.25A		
	Power Factor	-		
	THD	-		
	Efficiency	≥80%@230V		
	No load wattage	<1W		
Protection	Short circuit protection	PASS		
	Over voltage protection	PASS		
	Over temperature protection	PASS		
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S; I/P-FG:1.6KVac,<5mA 60S; O/P-FG:0.5KVac,<5mA 60S		
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω		
	Surge	IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)		
	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.
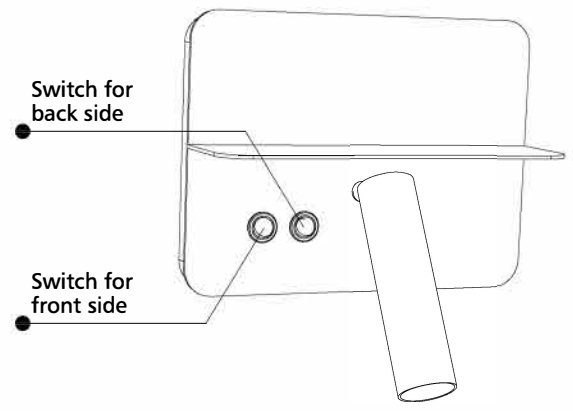3.Professional electrician for installation and maintenance only.
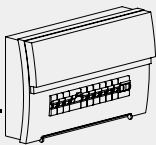
Turn Off
Power Supply
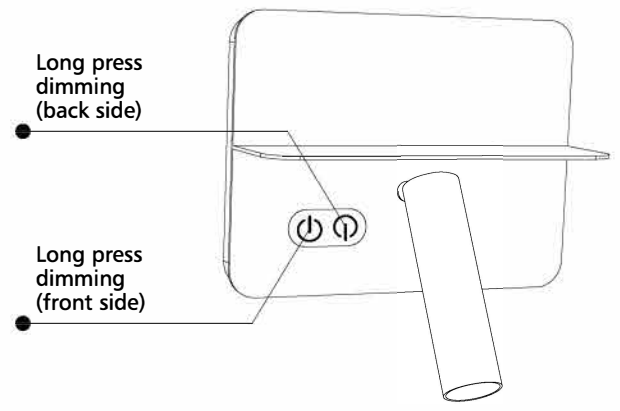
▉ Wall mounting with mobile phone shelf bracket

Please avoid the terminal cover and notice the bracket direction when doing installation, the cable entry hole is not in the middle.

1 2

L ▬▬ Switched
⏚ ▬▬ Earth
N ▬▬ Neutral

Wire diameter: 0.5-2.5mm²
Wire stripping length: 8-10mm

3 4

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❷

5 6

COMPLETE

Standard version (ON/OFF)

Switch for
back side

Switch for
front side

Touch version (Dimmable)

Long press
dimming
(back side)

Long press
dimming
(front side)

genesisOne

The Professional Choice in LED Lighting