



LED Wall Light

WL109 Series



Introduction

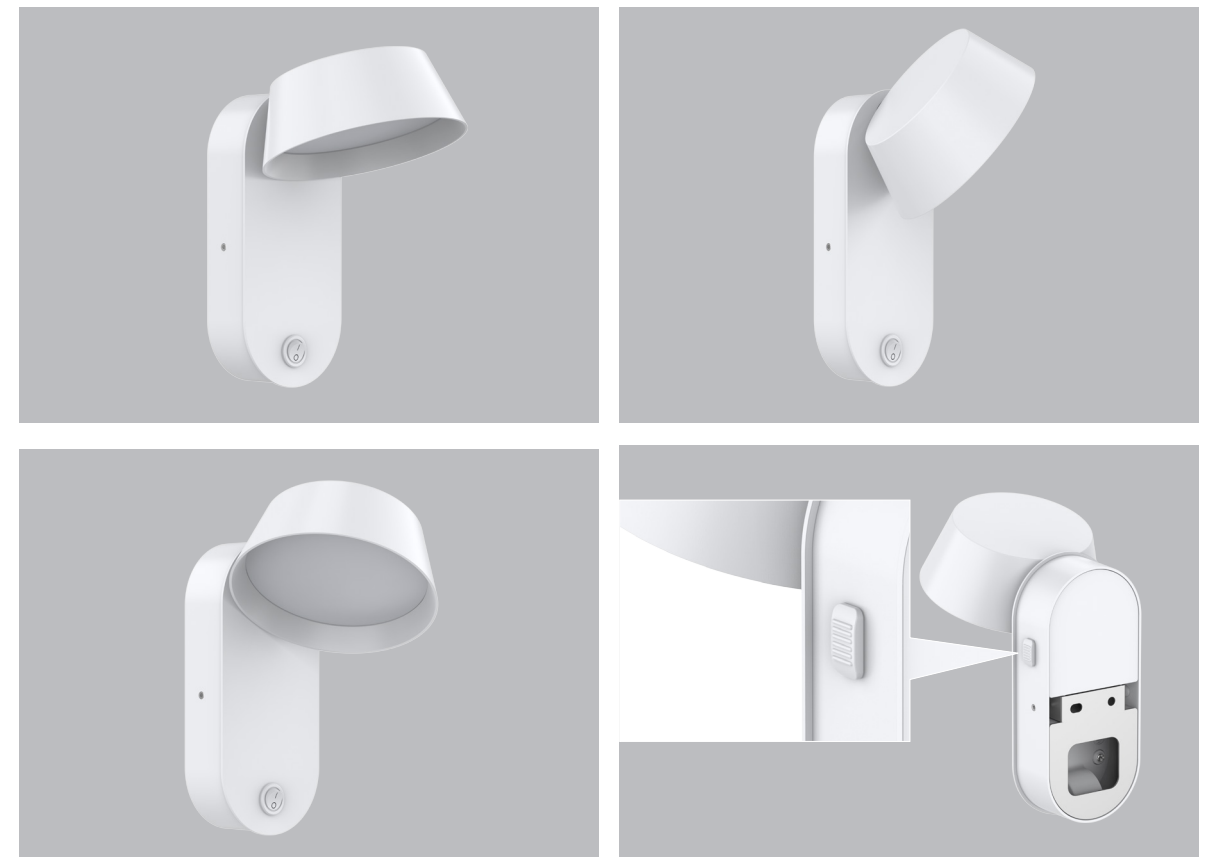
WL109 is an indoor wall lamp which has 180degrees rotation for a flexible adjustment. It is a compact design with milky PC shade, so that it can has a soft and uniform light output. Besides, it adopt high lumen efficiency SMD light source, can offer enough lighting for users. ADC12 aluminum housing provides a great thermal management, ensures a longer lifespan.

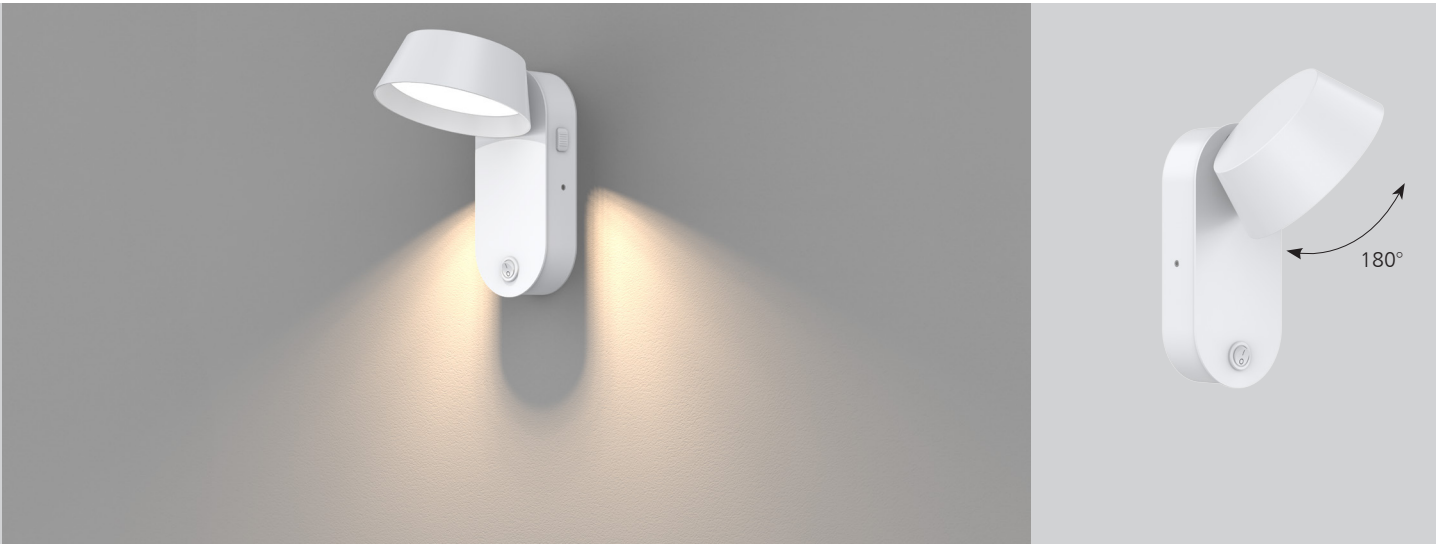
Features

- Lamp head is 90degrees rotation in each left and right side.
- Interchangeable CCT(3000K+4000K+5700K)with slide switch.
- Lamp body has on/off button for users' convenience.
- Internal flicker free driver.
- Triac dim.

Application Areas

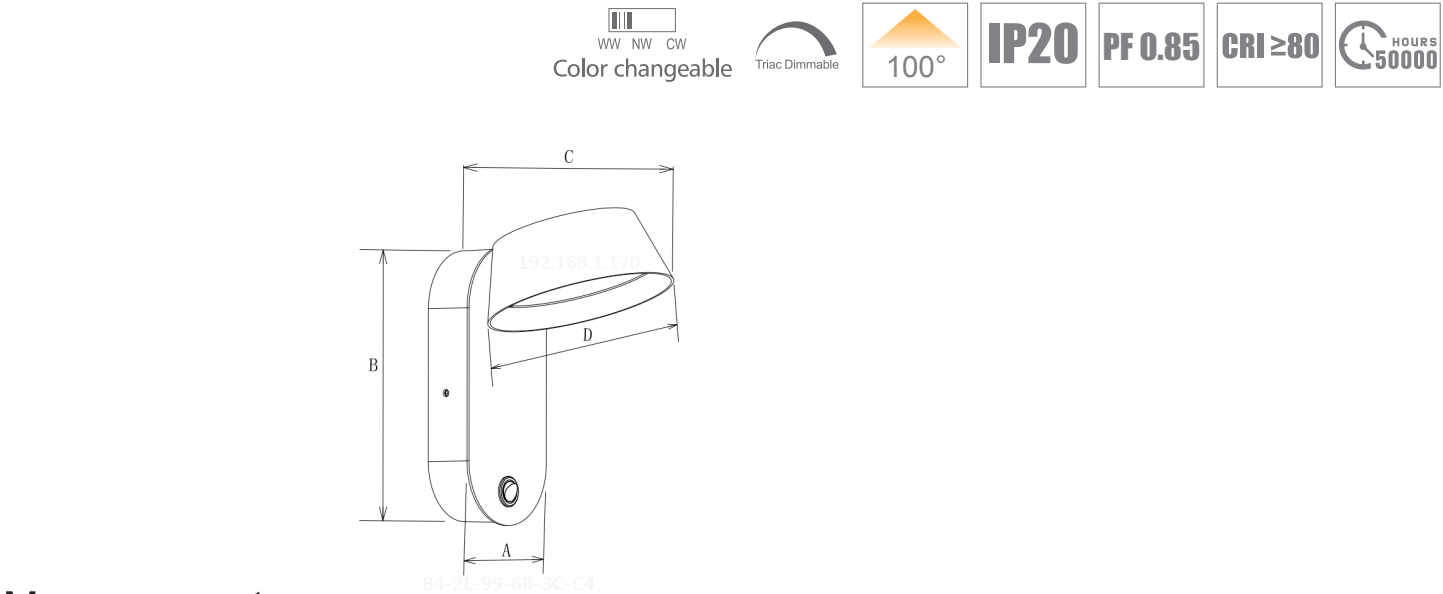
It's widely used in indoor corridor, study room, bedroom, lobby etc.





Technical Data Sheet

Code No.			WL109-4W		
Dimension(mm)			132*105*152		
Cutout (mm)			-		
Watt(W)			4W		
Rated Input Voltage(V)			AC220-240V		
Input Voltage(V)			AC198-264V		
LED Module Input			-		
Light Source			SMD		
SDCM			≤6		
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	500-550		
	DIM		470-520		
	Non-DIM	3-CCT	470-520		
	DIM		450-500		
CRI			80		
Beam Angle (°)			100°		
UGR			-		
LED Driver			Built-in		
Dimming Option			Triac		
Sensor			NO		
Emergency Kits			NO		
Electrical Class			Class I		
Ingress Protection (IP Rating)			IP20		
Impact Resistance (IK Rating)			-		
Product Finishing(Base)			White		
Materials of Optics			PC		
Materials of Housing			Aluminium+PC		
Lifetime (hr)			5,0000h		
Glow wire test (°C)			850°C		
Operating Temp. (°C)			-20°C ~45°C		
Storage Temp. (°C)			-20°C ~65°C		
Inst allation			wall mount		



Measurement

Code	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(mm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
WL109	69	152	132	105	132*105*152	0.36	0.5	4.5	7.5	42.5*36.5*30	12	7104	16836

Driver Datasheet (Non-Dimmable)

Total load wattage		4W
Output	Output Voltage range	DC60-75V
	Rated output current	55mA
	Line Regulation	± 5%
	Setup, Rise Time	≤0.5S
	Flickering Index	≤3% (NO RISK)
Input	Input Voltage	AC85-265V
	Rated Input Voltage(V)	AC100-240V
	Frequency	50Hz
	Input Current	≤0.06A
	Rated Input Current	≤0.05A
	Power Factor	0.85
	THD	-
	Efficiency	≥85%
	No load wattage	≤0.5W
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety &EMC	Withstand voltage	-
	Isolation Resistance	-
	Surge	IEC/EN61000-4-5(P<25W;L-N:500V, L/N-PE:1KV)
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2
	EMC Immunity	IEC/EN61000-4-2,3,4,5,6,8,11;IEC/ EN61547

Driver Datasheet (Triac Dimmable)

Total load wattage		4W
Output	Output Voltage range	DC65-75V
	Rated output current	50mA
	Line Regulation	± 5%
	Setup, Rise Time	≤0.5S
	Flickering Index	≤3% (NO RISK)
Input	Input Voltage	AC200-264V
	Rated Input Voltage(V)	AC200-240V
	Frequency	50Hz
	Input Current	≤0.03A
	Rated Input Current	≤0.03A
	Power Factor	0.86
	THD	-
	Efficiency	≥82%
	No load wattage	≤0.5W
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety &EMC	Withstand voltage	-
	Isolation Resistance	-
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV)
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2
EMC Immunity		IEC/EN61000-4-2,3,4,5,6,8,11;IEC/ EN61547

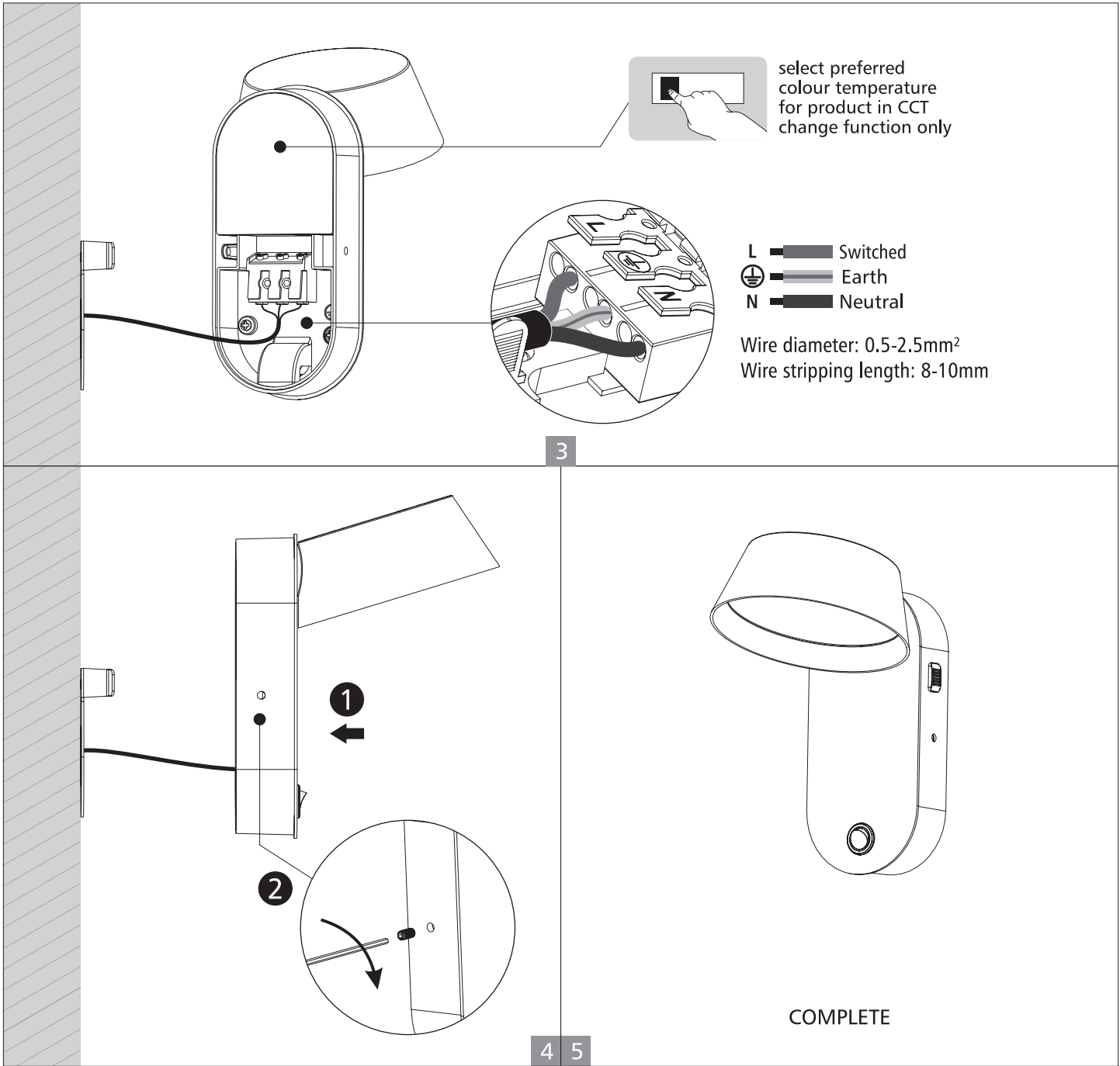
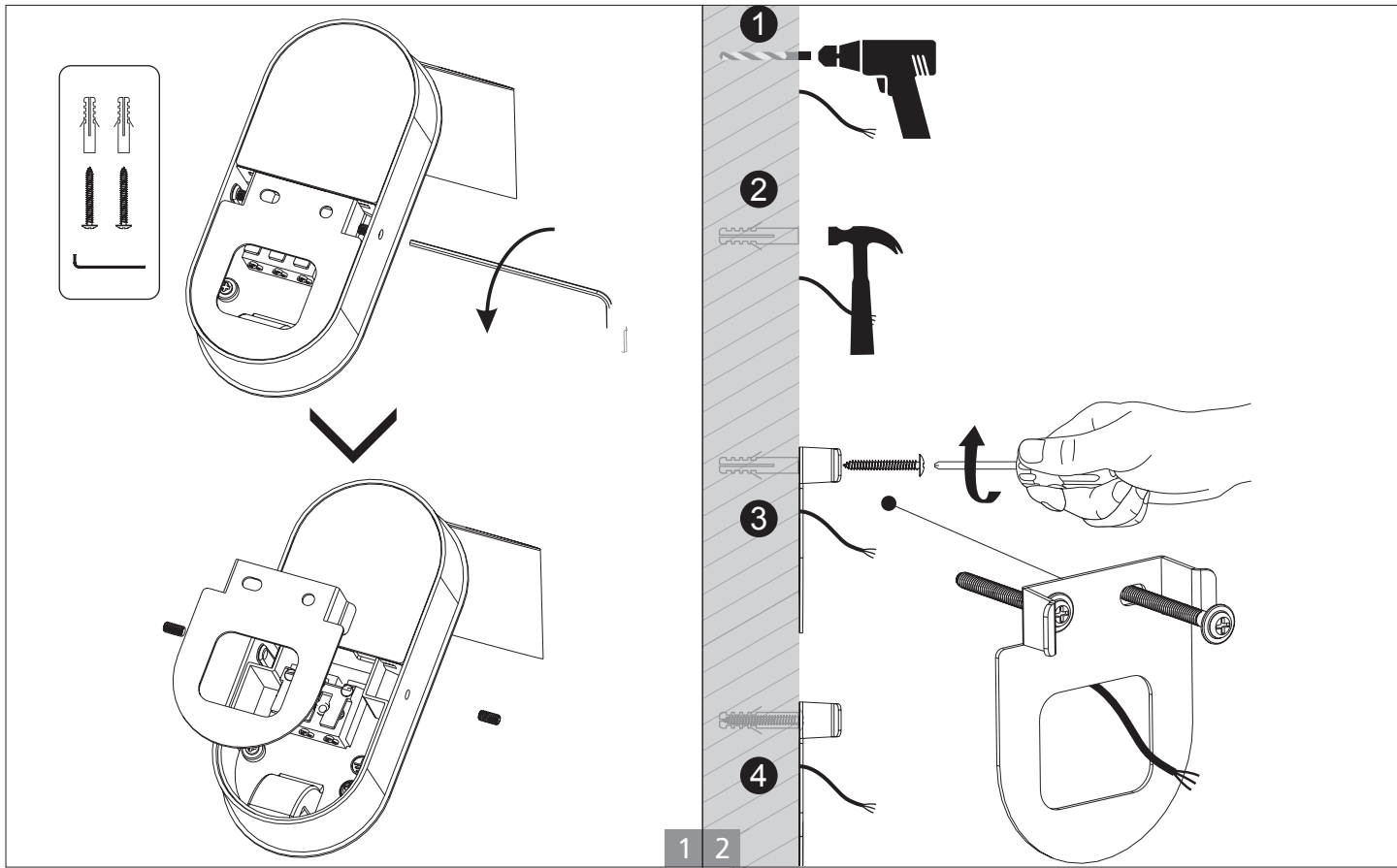
Installation Procedure

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.



Wall mounted installation





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