



Up-shine[®] Lighting



Technical Application
Guide for UP-SHINE
LED Pendant Linear
UP-DB08-1200-42W-S

Introduction



The design of batten realizes low cost, simple construction and superior capability, milky PC diffuser achieves anti-glare and high light transmittance. It is made of high lumen 2835SMD led chip, energy saving, instant start, no flickering, no noise & UV/IR radiation, environmental friendly without Mercury or any other hazardous substances. It is a high efficient and low cost product with quite large potential market. Ideal replacement led batten for various applications such as parking lot, aisle, warehouse, underground passage, workshop etc.

- Aluminum components generate a rust-free product for less maintenance
- Opal Acrylic Diffuser
- Up to 70% energy saving compared to standard CFL
- Environment friendly, without Mercury or any other hazardous substances

Microwave Sensor

Detection area:

- ◆ 140 degree wide detective beam angle with 5~7 meters distance.

Working pattern:

- ◆ In any given lighting condition, the light switches on automatically when presence detected.
- ◆ After presence left, light will continuously work within time-delay (60 seconds), then switch off automatically.
- ◆ After presence left, any movement detected within time-delay (60 seconds), the light will continuously work for another hold time (60 seconds), then switch off until next movement detected.
- ◆ Hold time: 60S

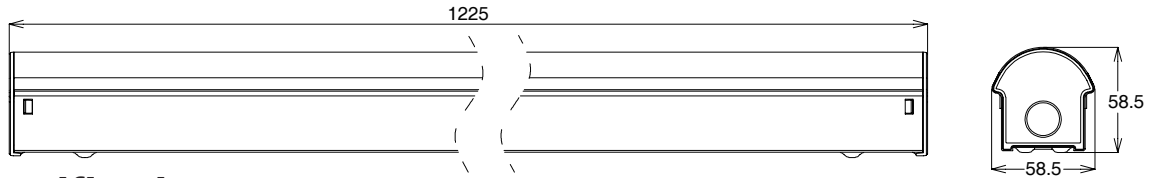
Application Areas

Widely used in indoor areas such as parking lot, aisle, warehouse, underground passage, workshop etc.

Certificate



Product Information



Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
UP-DB08-1200-42W-S	AC230V	42W	≥0.9	3760	120°	3000K	40000h	≥80	No	L1225*W58.5*H58.5mm
UP-DB08-1200-42W-S	AC230V	42W	≥0.9	3960	120°	4000K	40000h	≥80	No	L1225*W58.5*H58.5mm
UP-DB08-1200-42W-S	AC230V	42W	≥0.9	3880	120°	5000K	40000h	≥80	No	L1225*W58.5*H58.5mm
UP-DB08-1200-42W-S	AC230V	42W	≥0.9	3800	120°	5700K	40000h	≥80	No	L1225*W58.5*H58.5mm

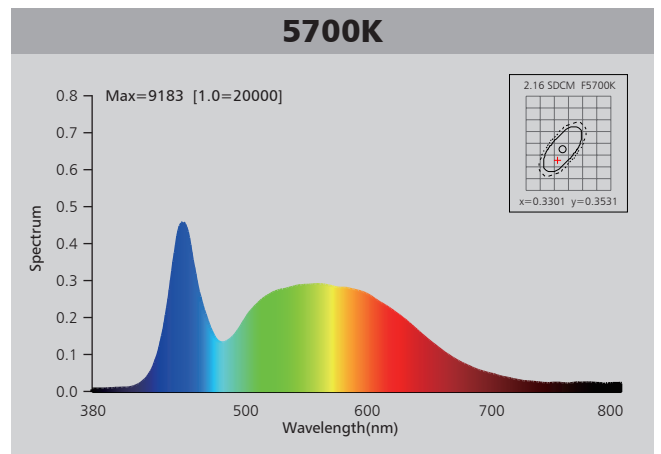
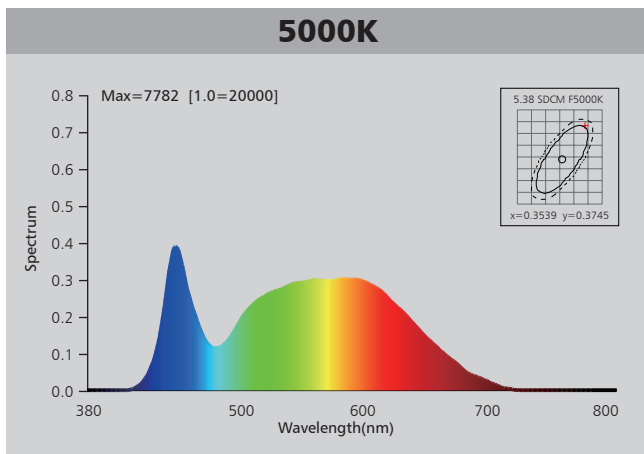
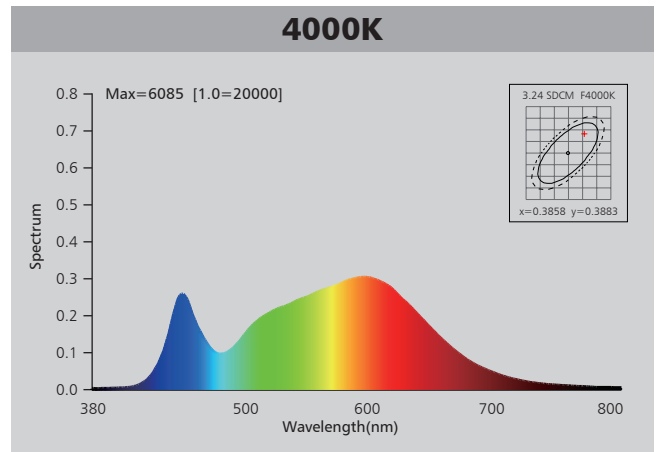
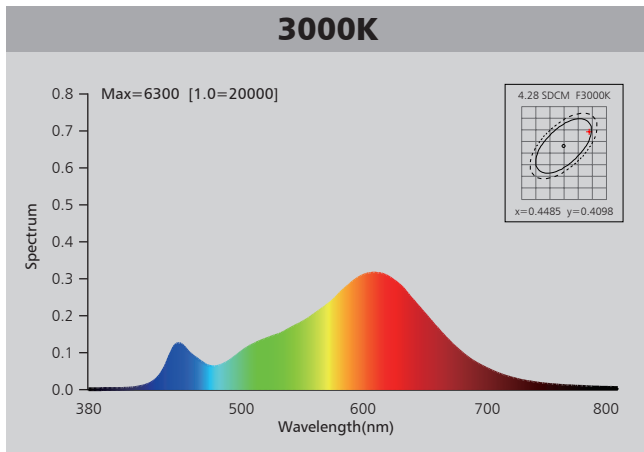
Driver data Sheet

Driver data	Sensor	Main Power
Input rated Voltage	AC230V	AC230V
Frequency	50Hz	50Hz
Input Voltage	AC200-240V	AC200-240V
Efficiency	—	≥85%
No load wattage	—	≤0.5W
Total load Wattage	2W±0.5W	40W±5%
Power Factor	—	≥0.93
Rated input current	≤0.02A	≤0.2A
Full load output Voltage	—	60-75V
Rated output current	—	560mA
Output current range	—	560mA±5%
Power tolerance	—	±5%
Current output tolerance	—	±5%
Hold time	60S	—
Detection distance	5-7m	—
Short circuit protection	—	PASS
Over voltage protection	—	PASS
Over temperature protection	—	—
THD	—	≤20%
Withstand voltage	—	AC1500V

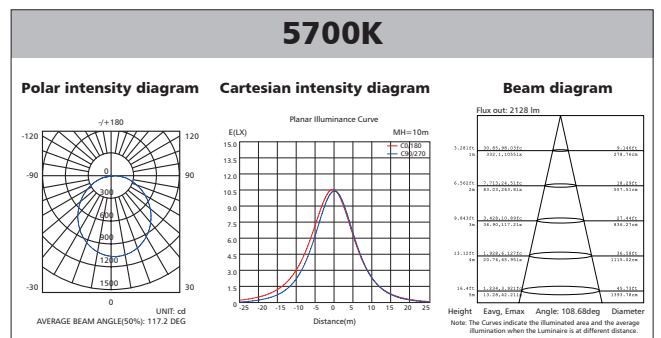
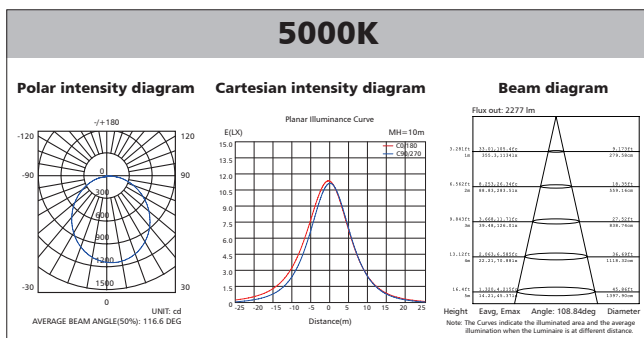
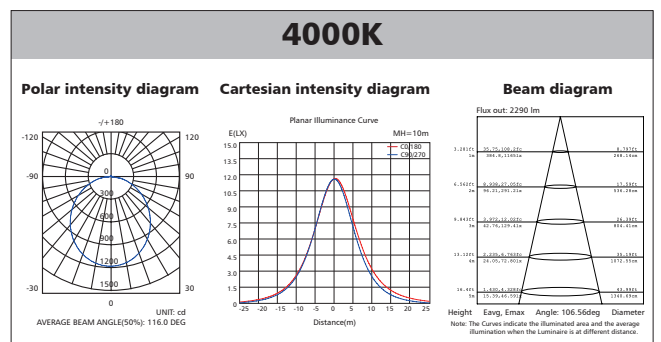
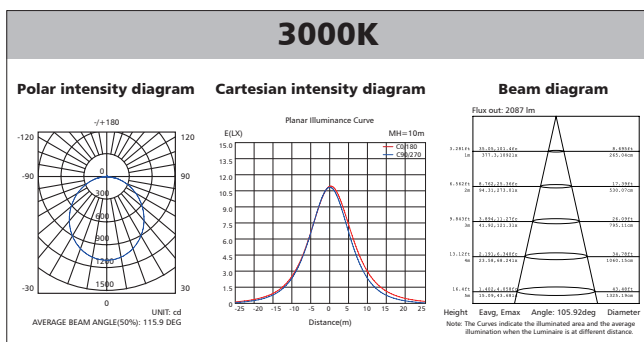
Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
42W	I	IP20	-20°C~45°C	0~90%	-20°C~65°C

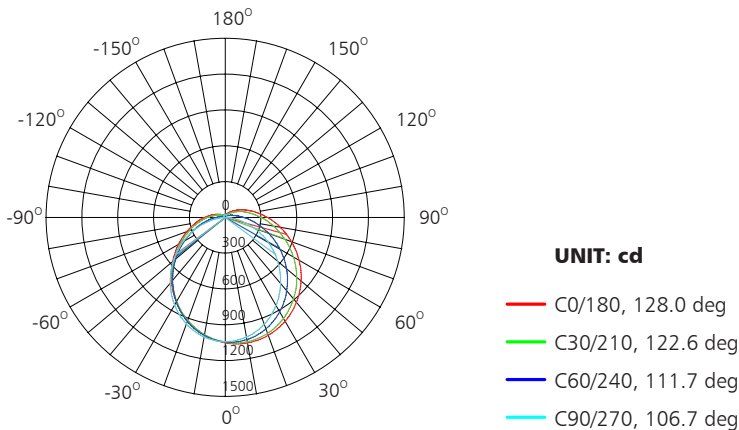
Spectral Distribution



Photometric Diagram

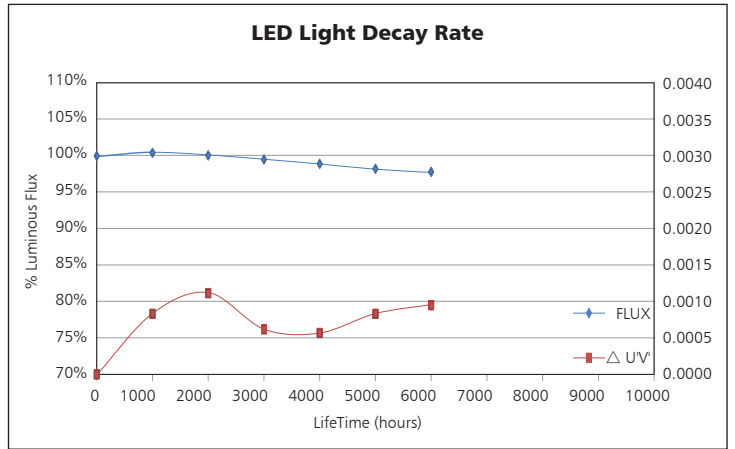
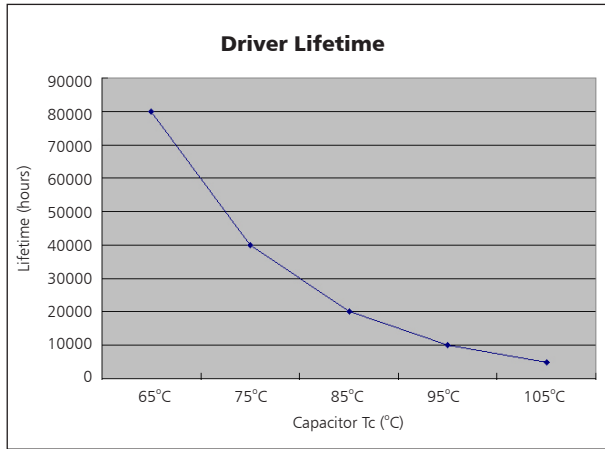


Polar Diagram Comparison



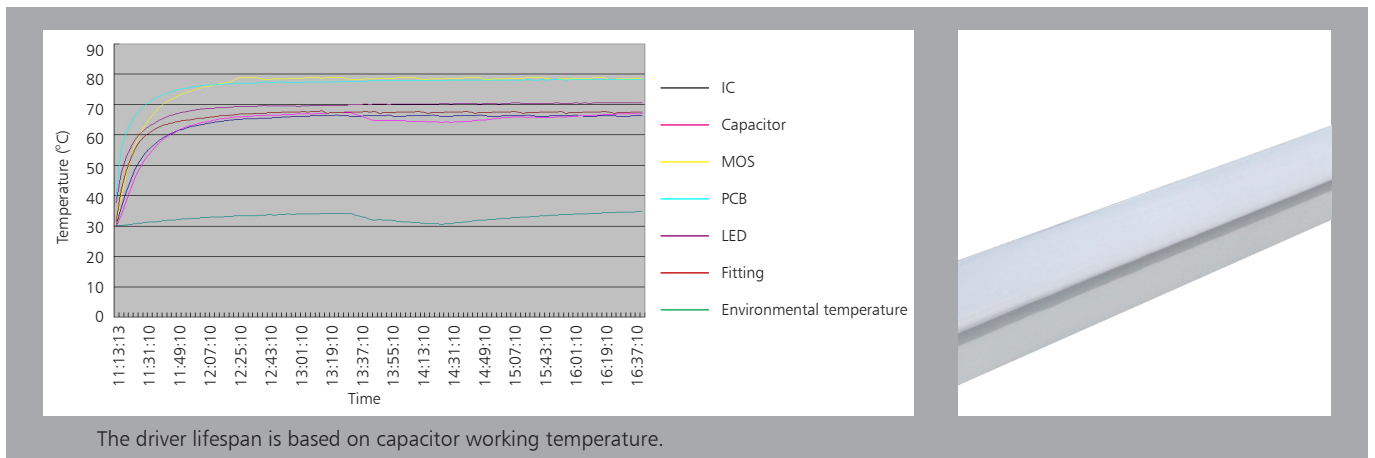
AVERAGE BEAM ANGLE (50%): 117.2DEG

Driver lifetime & LED light decay rate



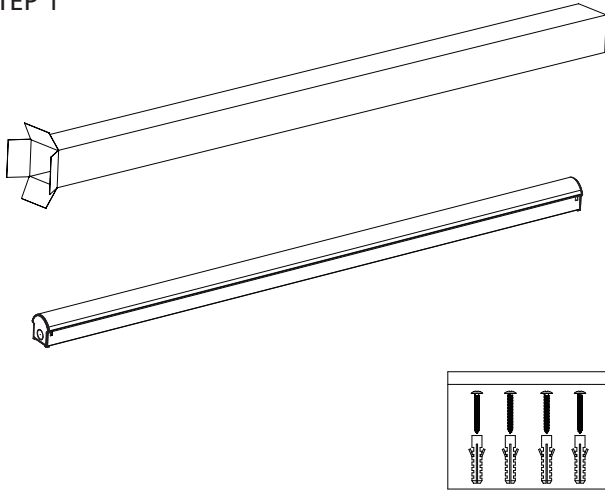
Temperature

- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



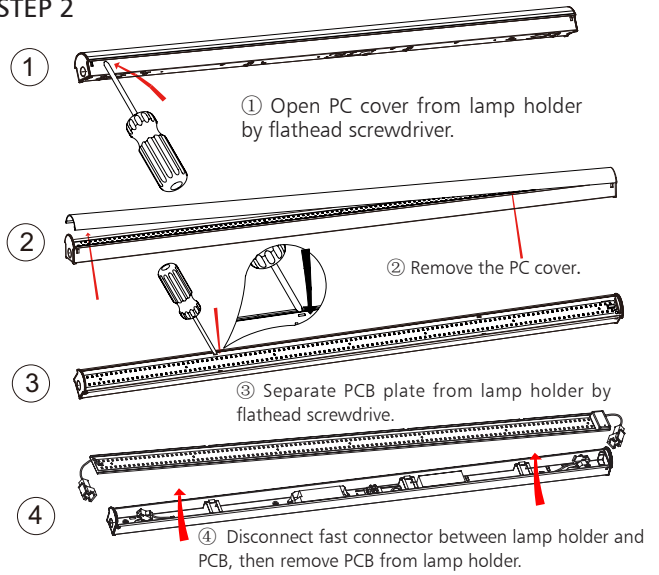
Installation 1

STEP 1

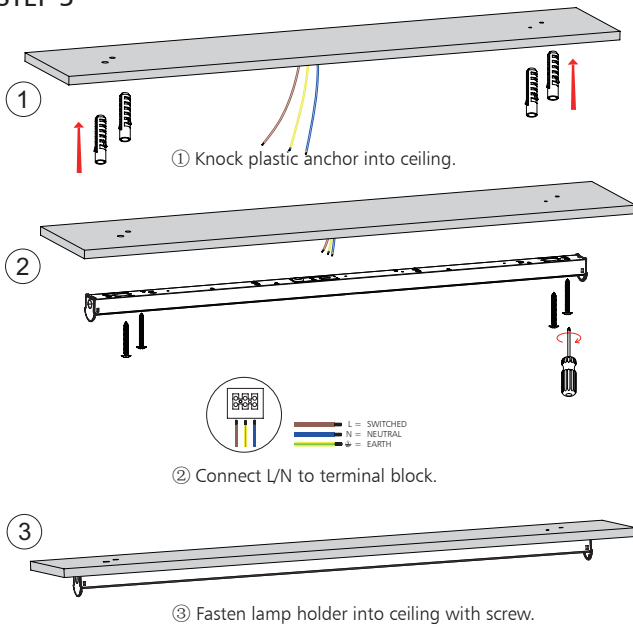


Open the packing and take out the lamp

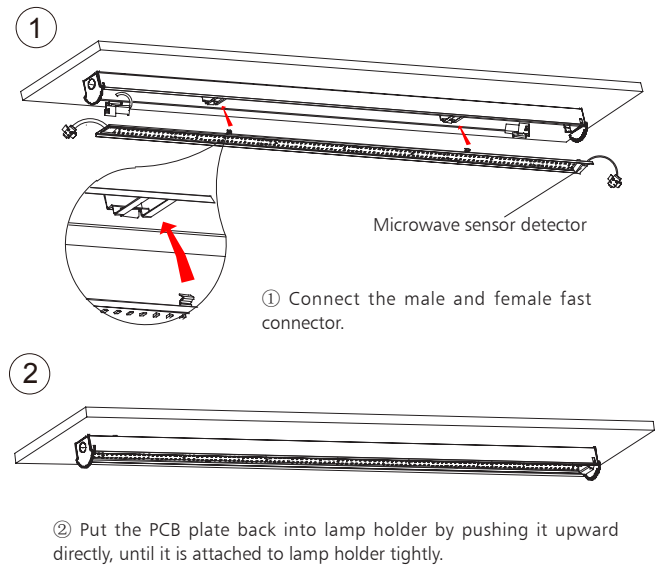
STEP 2



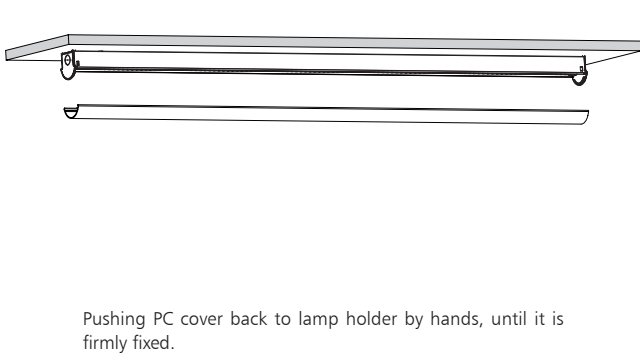
STEP 3



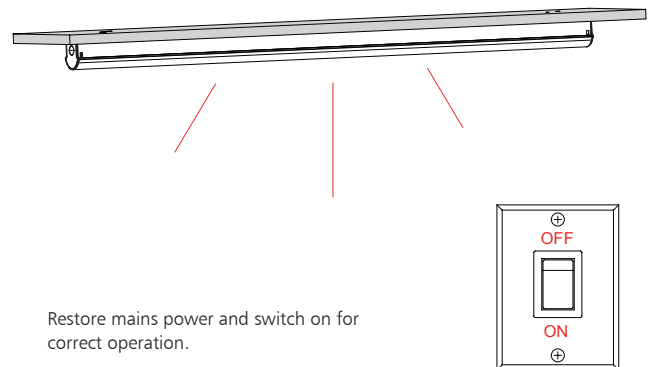
STEP 4



STEP 5

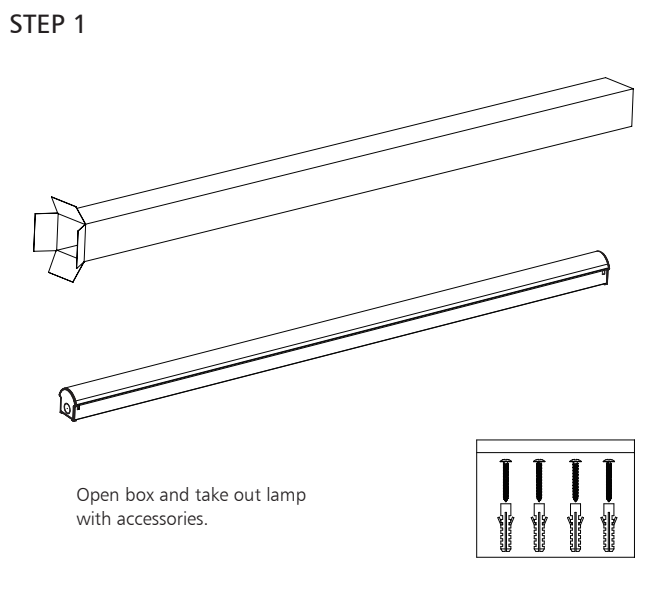


STEP 6



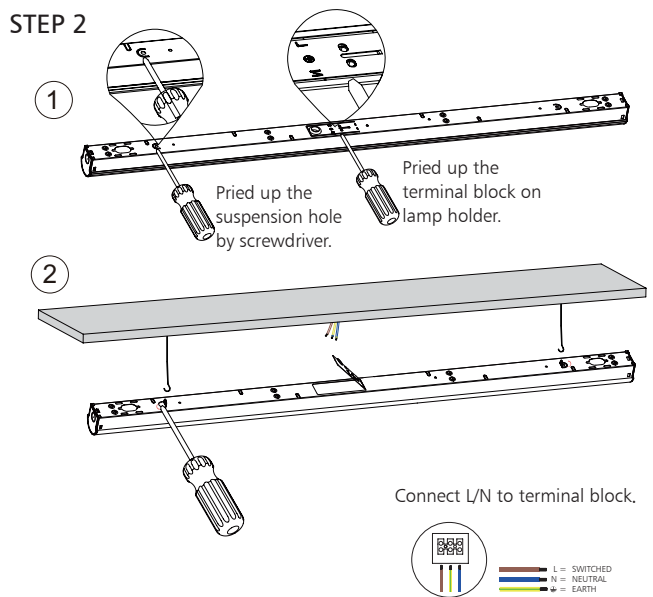
Installation 2

STEP 1



Open box and take out lamp with accessories.


STEP 2



① Pried up the suspension hole by screwdriver.

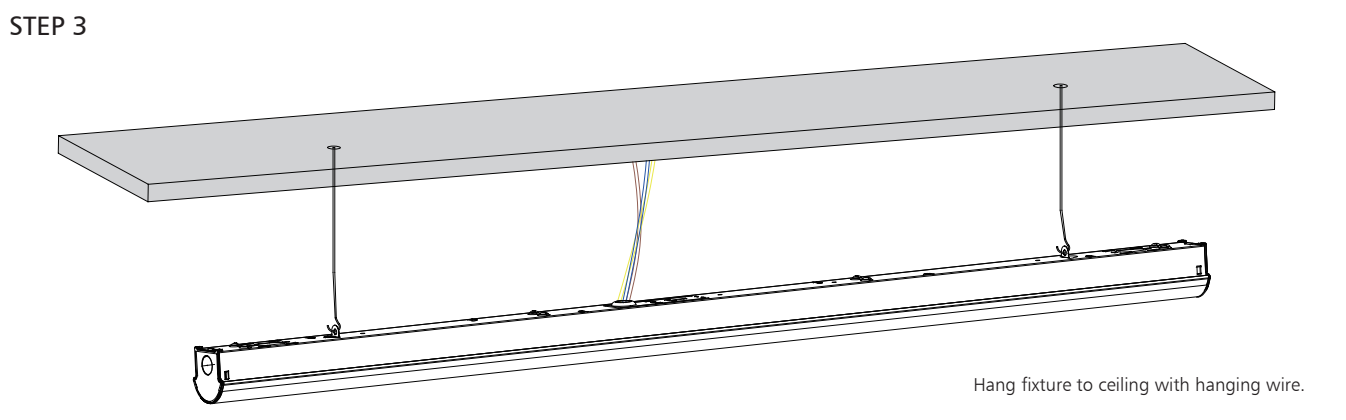
② Pried up the terminal block on lamp holder.

Connect L/N to terminal block.



L = SWITCHED
N = NEUTRAL
E = EARTH

STEP 3



Hang fixture to ceiling with hanging wire.

Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	QTY(PCS)
Carton	129.5*34.5*15.5	1.65	19.5	10

	CTNS	QTY(PCS)	VOLUME(CBM)
20" standard container	398	3980	28
40" standard container	796	7960	56

