



【0-10V Dimming】
5 years warranty



Specification For LED High Bay Tube Light

PRODUCT NAME: **LED High Bay Tube Light**

PART NO: SHBT50WSMD-230V-S
SHBT100WSMD-230V-S
SHBT150WSMD-230V-S
SHBT200WSMD-230V-S
SHBT250WSMD-230V-S



Description:

- ★ This product use durable and long life span LED light source, downy light, no glare, simple design.
- ★ This product waterproof and dustproof level 65. Can be used in various of places.
- ★ Mainly use the aluminum alloy as the material with PC lens . Work safely and durable under different conditions.
- ★ Adopted 2835 SMD Led light source, Large-Size Chip with High brightness and low light fades, Enough Current margin, Led chip Rated current 150mA, actual use only 120mA, Extend led Lights lifespan and increase Light Efficiency.
- ★ Adopted 0-10V Dimming Driver, Universal AC Input/Full range up to AC 220-240V. Protection function: short circuit/over current/over voltage/over temperature, Built-in. active PFC function, $PF \geq 0.95$ and Conversion efficiency $\geq 94\%$ Fully encapsulated with IP65 Level.
- ★ Warm/pure/cool white all avialble with high CRI
- ★ Integrated fixture structure, Air convection design for reliable lifetime.

Applications:

For the workshop, factory, warehouse, highway toll stations, gas stations, supermarkets, exhibition halls, stadiums and Other places of lighting required.



Photo



Suspension Parts

【Standard Configuration】



Ceiling Fitting

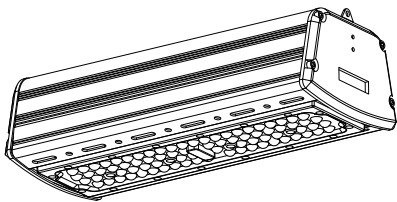
【Optional】



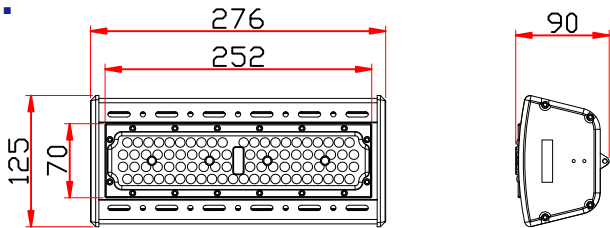
LED Driver



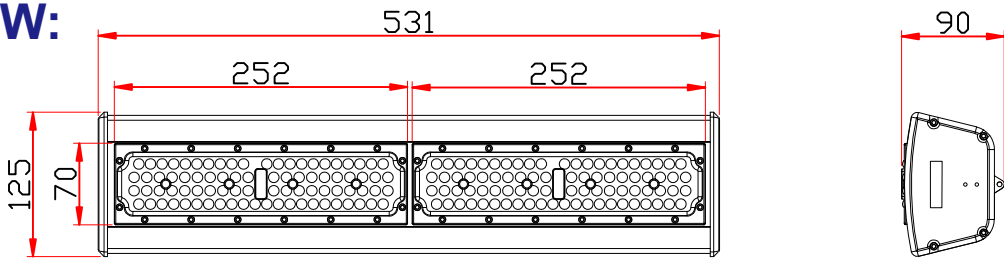
Dimensions(Unit:mm)



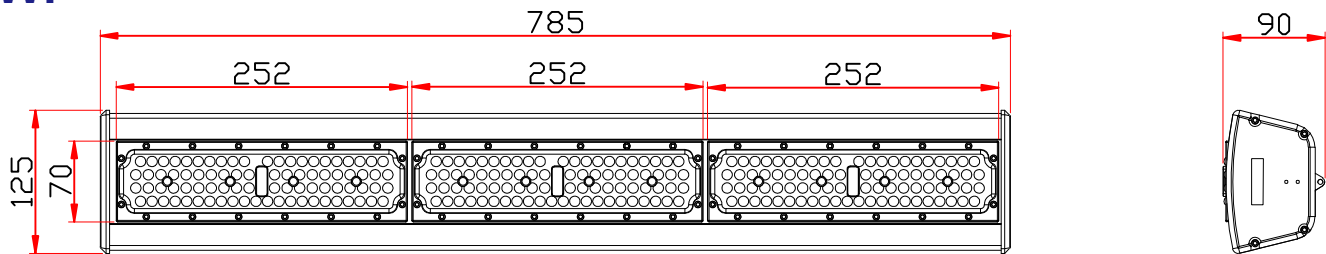
50W:



100W:

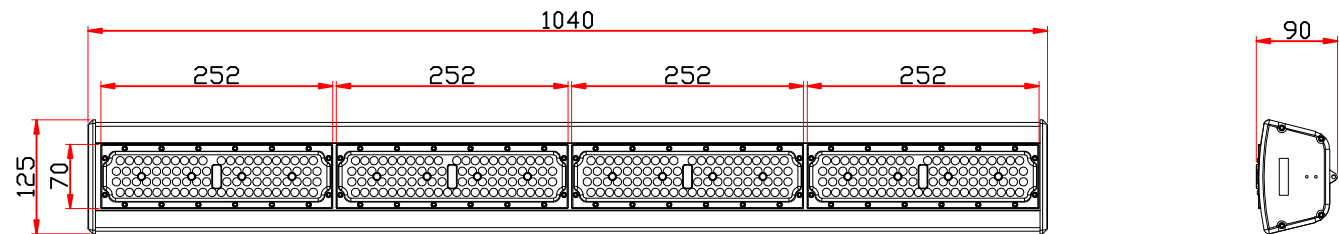


150W:

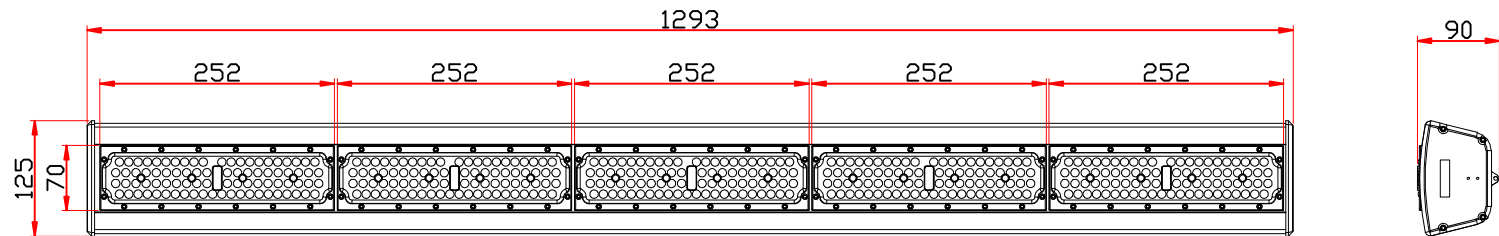


Dimensions(Unit:mm)

200W:



250W:



Model	Power	Product Size(L*W*H)
SHBT50WSMD-230V-S	50W	L276*W125*H90mm
SHBT100WSMD-230V-S	100W	L531*W125*H90mm
SHBT150WSMD-230V-S	150W	L785*W125*H90mm
SHBT200WSMD-230V-S	200W	L1040*W125*H90mm
SHBT250WSMD-230V-S	250W	L1293*W125*H90mm

Electrical/Optical Characteristics/Specifications

MODEL:SHBT50WSMD-230V-S

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.25A	DC192V	0.24A	50W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	7000LM±10%	7500LM±10%	7500LM±10%
			Beam Angle	90° or 60°		
SMD2835	84PCS	≥80Ra				
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	L276*W125*H90mm	1.6Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L315*W165*H145mm	1.8Kg	
Outer carton package	6*1layer=6PCS/carton,K=K corrugated paper, L355*W335*H480mm,GW:11.75KG					
Optional dimming type	0-10V Dimming					

MODEL:SHBT100WSMD-230V-S

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.5A	DC252V	0.35A	100W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	14000LM±10%	15000LM±10%	15000LM±10%
SMD2835	168PCS	≥80Ra	Beam Angle	90° or 60°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	L531*W125*H90mm	2.5Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L570*W165*H145mm	2.7Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L590*W355*H320mm,GW:11.45KG					
Optional dimming type	0-10V Dimming					

Electrical/Optical Characteristics/Specifications

MODEL:SHBT150WSMD-230V-S

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.75A	DC252V	0.55A	150W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	21000LM±10%	22500LM±10%	22500LM±10%
			Beam Angle	90° or 60°		
SMD2835	252PCS	≥80Ra				
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	L785*W125*H90mm	3.3Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L825*W165*H145mm	3.6Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L845*W355*H320mm,GW:15.35KG					
Optional dimming type	0-10V Dimming					

MODEL:SHBT200WSMD-230V-S

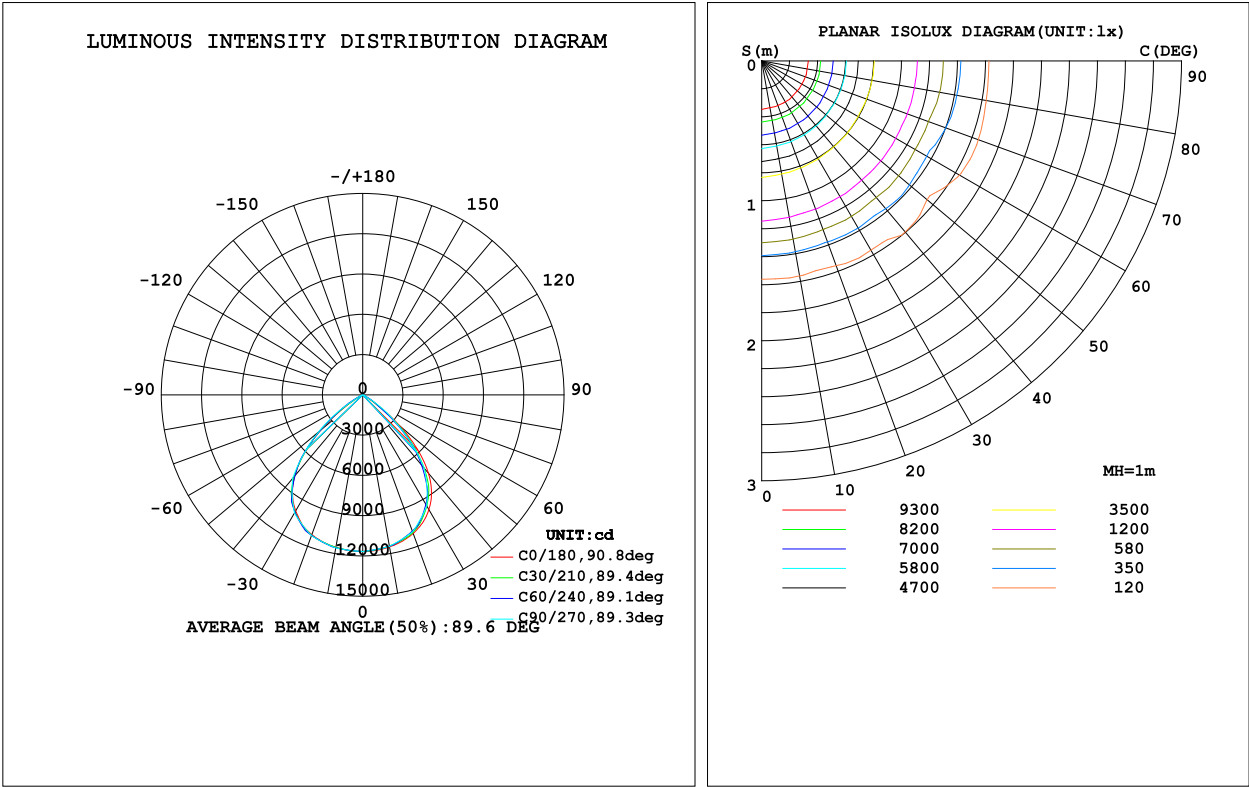
Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.0A	DC252V	0.7A	200W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	28000LM±10%	30000LM±10%	30000LM±10%
SMD2835	336PCS	≥80Ra	Beam Angle	90° or 60°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	L1040*W125*H90mm	4.0Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L1080*W165*H145mm	4.3Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L1100*W355*H320mm,GW:19. 1KG					
Optional dimming type	0-10V Dimming					

Electrical/Optical Characteristics/Specifications

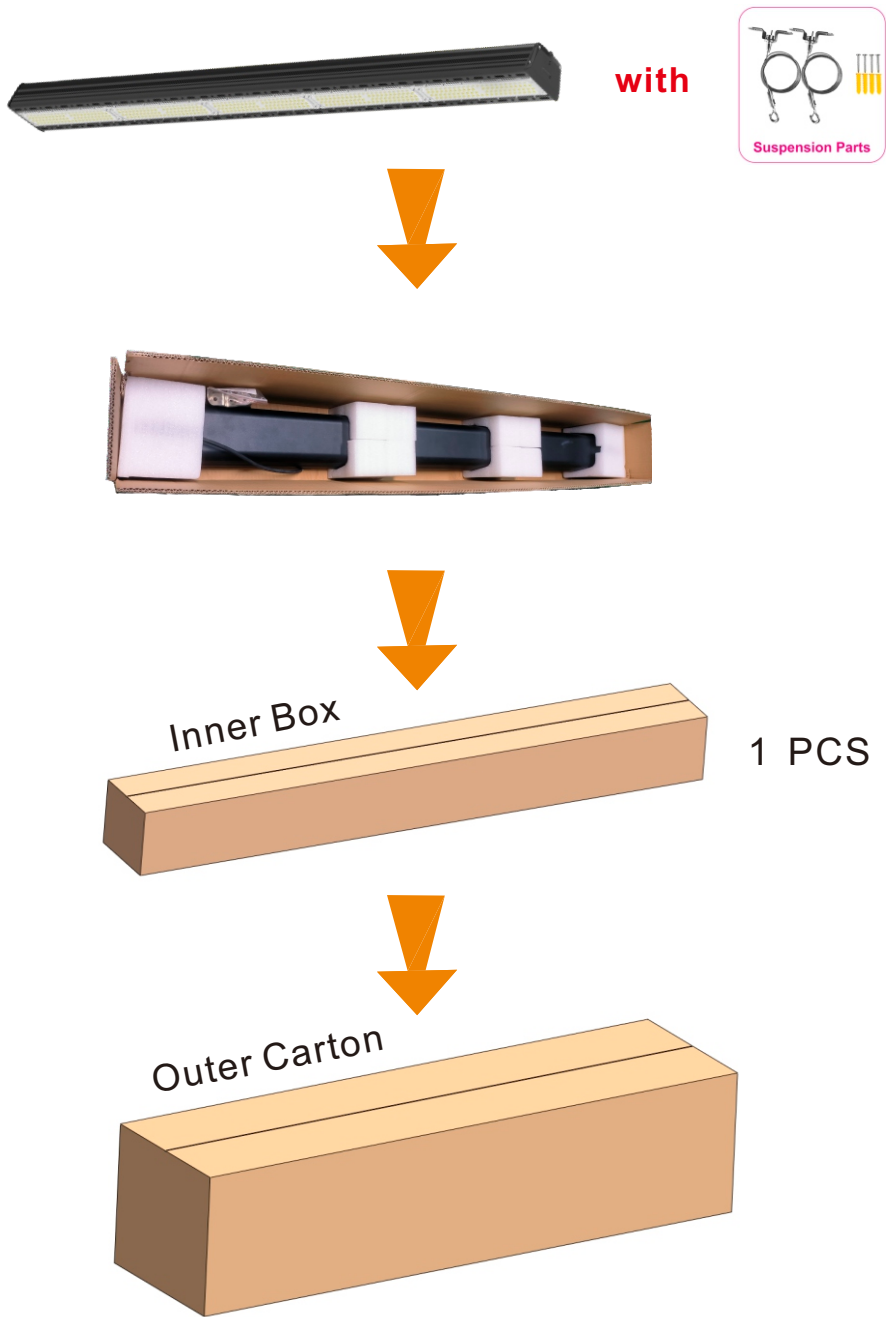
MODEL:SHBT250WSMD-230V-S

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.2A	DC252V	0.9A	250W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
SMD2835	420PCS	≥80Ra	Luminous flux	35000LM±10%	37500LM±10%	37500LM±10%
			Beam Angle	90° or 60°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	L1293*W125*H90mm	4.9Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L1333*W165*H145mm	5.2Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L1353*W355*H320mm,GW:22.8KG					
Optional dimming type	0-10V Dimming					

Test report



Packing Info

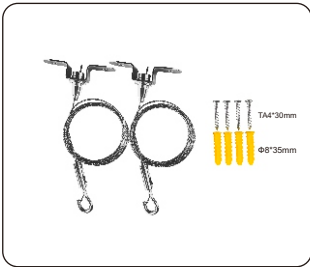


Power	Outer Carton Package QTY
50W	6 PCS/carton
100W	4 PCS/carton
150W	4 PCS/carton
200W	4 PCS/carton
250W	4 PCS/carton

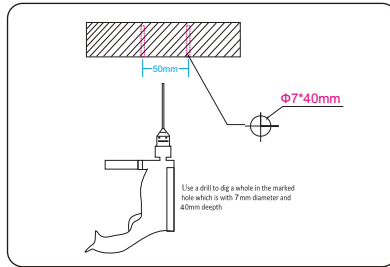
- Cautions:
- 1.This product must be installed by professionals;
 - 2.If there is any damage on the power line or shell, it should be taken as defective product and should not be used;
 - 3.High voltage, non-professionals are not allowed to install, disassemble the product or connect wires.

Installation Instructions

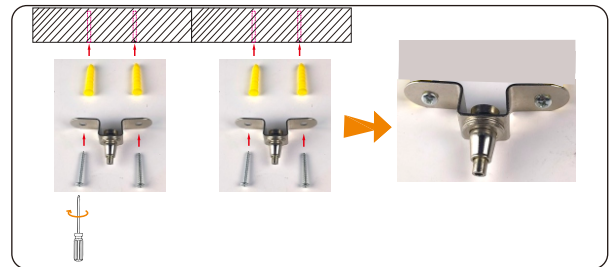
1. Suspending



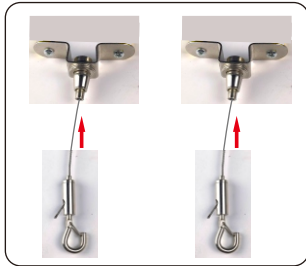
Step 1: Take the kit out of the box;



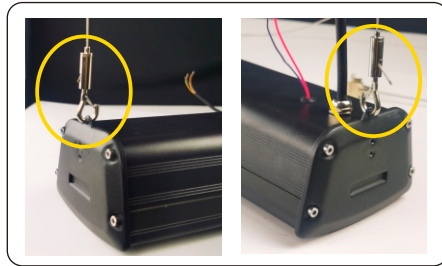
Step 2: Drill holes in the installation position,
Spacing of fitting holes is 50mm;



Step 3: Lock the fittings to the holes;



Step 4: Tie the wire rope;



Step 5: Attach the two hooks to each end of
the lamp;

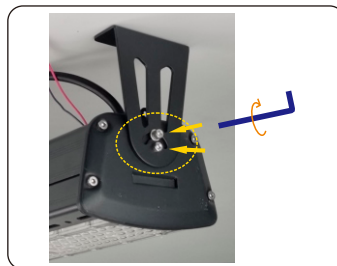


Step 6: Done (the suspension height can be adjusted);

2. Mounting



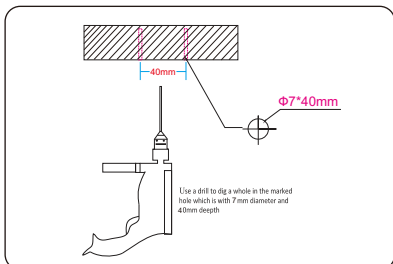
Step 1: Prepare the kit;



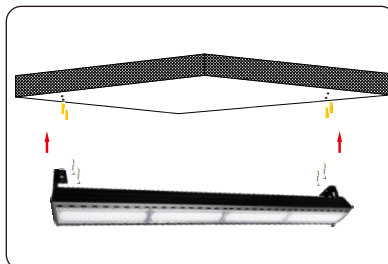
Step 2: Install the fitting at each
end of the lamp;



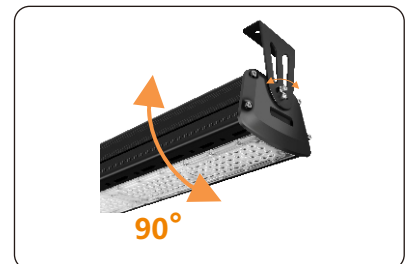
Step 3: As shown in the figure;



Step 4: Drill holes in the wall according to
the hole positions of the fittings,
Spacing of fitting holes is 40mm;

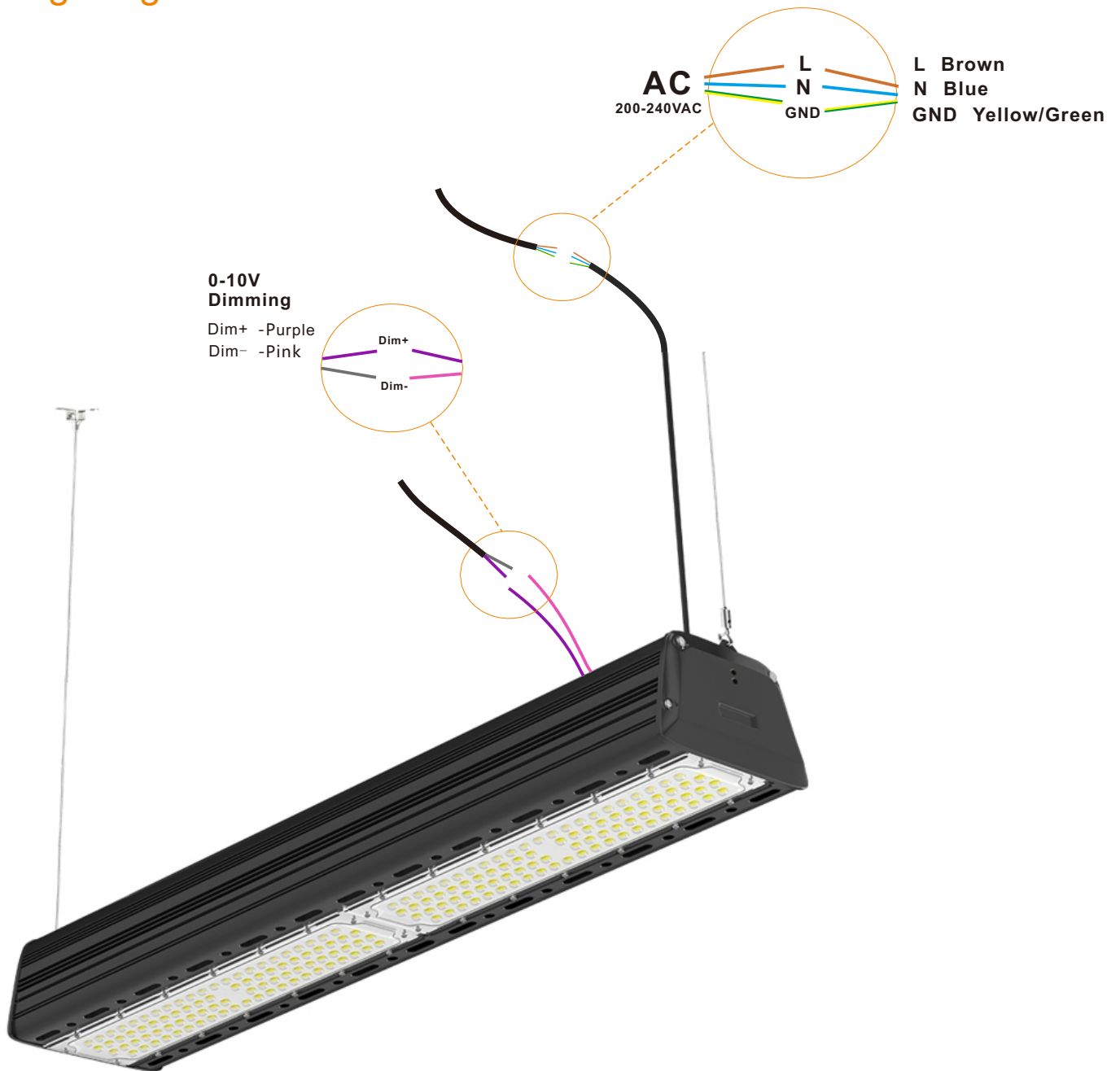


Step 5: Screw the lamp to the wall;



Step 6: Done (adjustable angle);

Wiring Diagram



Cautions:

1. This product must be installed by professionals;
2. If there is any damage on the power line or shell, it should be taken as defective product and should not be used;
3. High voltage, non-professionals are not allowed to install, disassemble the product or connect wires.

Notes:

1. Please always use the light out of its package.
2. Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
3. Any maintenance should be performed by trained professionals only.
4. Keep packaging material away from the reach of children and pets. Risk of suffocation!
5. Caution. The packaging contains small parts that may be swallowed by children.
6. Never leave children unattended in the vicinity of the lights and do not allow them to play with electrical devices.
7. Try to avoid looking directly in the LED beam-especially for extended periods of time. Do not shine the LED light in another person's eyes.
8. Never cover the lights by other objects.
9. Never allow the light to come into contact with open flames or external heat sources.
10. The products need to re-repair inspection or special treatment of retirement after service time
11. Non-professionals are not allowed to disassemble and maintain the products. We have the right not to provide after-slae service if unauthorized disassembly and maintenance happens to the products.