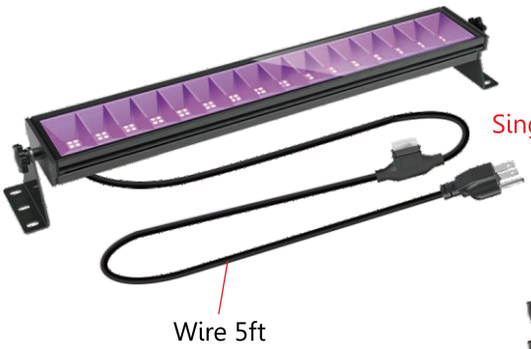
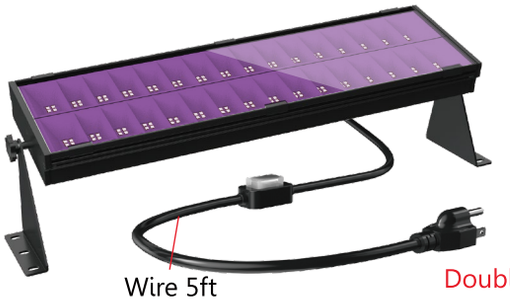
LED UV BAR LIGHT

LED UV BAR LIGHT

Model No: NG-BL-WW-80W
NG-BL-WW-150W
NG-BL-WW-160W

EASY INSTALLATION
WATERPROOF AND DURABLE
SAVING ENERGY
HEIGHTEN ATMOSPHERE
NO POWER DESIGN



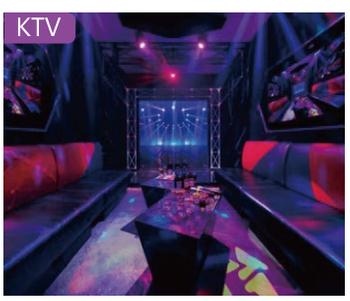


Features

- Universal voltage AC120V±10% 50-60Hz.
- Products without power supply design, adopts high-voltage linear IC design, stable quality, long life.
- Light source SMD3030 design, increase the LED luminous surface, more condicive to LED heat dissipation.
- The lamp shell is made of stretched aluminum profile, which has high thermal conductivity and good heat dissipation effect;
- Compact structure, firmness, corrosion resistance, IP65 waterproof level;
- Simple installation, convenient disassembly, the irradiation angle can be adjusted 360 degrees, and the scope of application is wide;
- Double row combination, each row can be adjusted individually or together to adapt to various lighting scenarios;
- High-efficiency luminous LED, energy saving and environmental protection.

Application

Large-scale stage performances, evening parties, urban lighting projects, bars, KTV, stage, clubs, family gatherings, birthdays and other indoor and outdoor scenes.

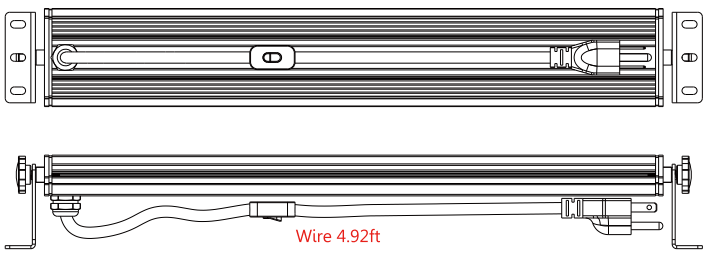


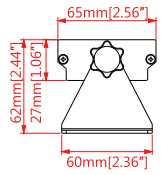
Parameters

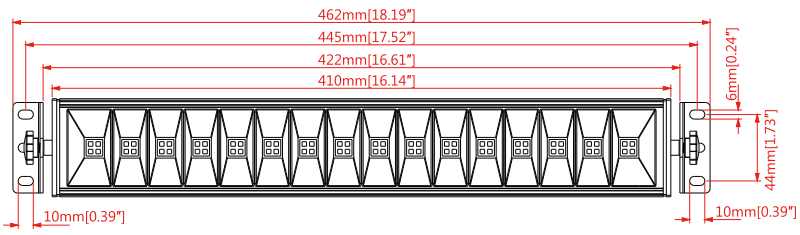
NG-BL-WW-80W				
Data sheet	Min	Typical	Max	Unit
Input Voltage(Vin)	108	120	132	(V)AC
Input Current(Iin)	400	430	470	mA
Input Frequency(F)	47	60	63	Hz
Total Power(P)	44	48	54	W
Power Factor(Pf)	0.94	0.95	0.96	—
Operating Temperature(To)	-20	25	50	℃
Working Humidity(Hop)	50	75	90	%RH
IP Level(IP)	—	65	—	—
Luminous Flux(Φ)	50	54.6	60	Lm
Beam Angle(θ)	/	90x110	/	°
Life Time	/	50000	/	H
Warranty	—	3	—	Year

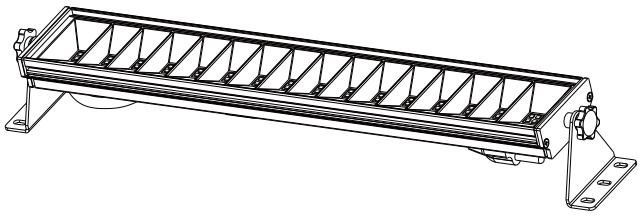
NG-BL-WW-150W				
Data sheet	Min	Typical	Max	Unit
Input Voltage(Vin)	108	120	132	(V)AC
Input Current(Iin)	400	430	470	mA
Input Frequency(F)	47	60	63	Hz
Total Power(P)	70	75	80	W
Power Factor(Pf)	0.94	0.95	0.96	—
Operating Temperature(To)	-20	25	50	℃
Working Humidity(Hop)	50	75	90	%RH
IP Level(IP)	—	65	—	—
Luminous Flux(Φ)	100	109	120	Lm
Beam Angle(θ)	/	90x110	/	°
Life Time	/	50000	/	H
Warranty	—	3	—	Year

NG-BL-WW-160W				
Data sheet	Min	Typical	Max	Unit
Input Voltage(Vin)	108	120	132	(V)AC
Input Current(Iin)	400	430	470	mA
Input Frequency(F)	47	60	63	Hz
Total Power(P)	88	96	108	W
Power Factor(Pf)	0.94	0.95	0.96	—
Operating Temperature(To)	-20	25	50	℃
Working Humidity(Hop)	50	75	90	%RH
IP Level(IP)	—	65	—	—
Luminous Flux(Φ)	100	109	120	Lm
Beam Angle(θ)	/	90x110	/	°
Life Time	/	50000	/	H
Warranty	—	3	—	Year

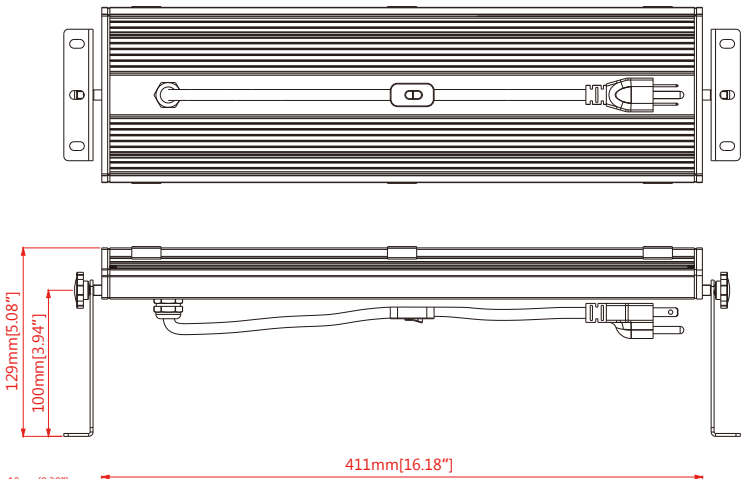


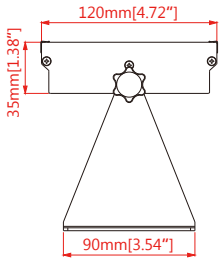


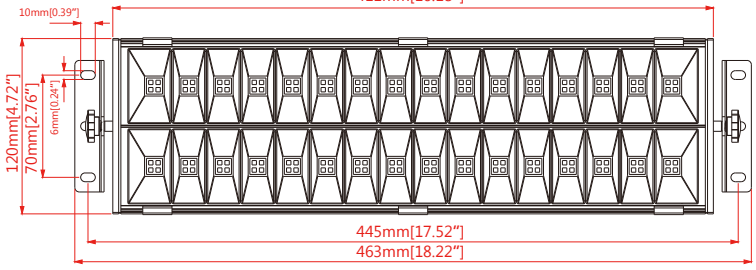


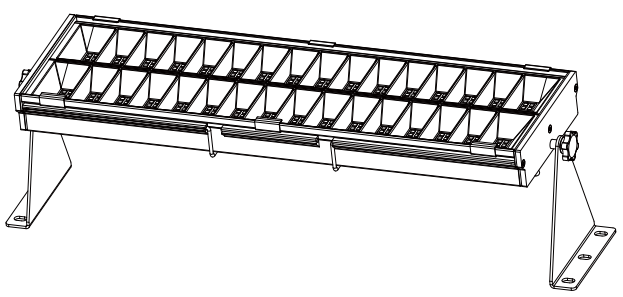


NG-BL-WW-80W

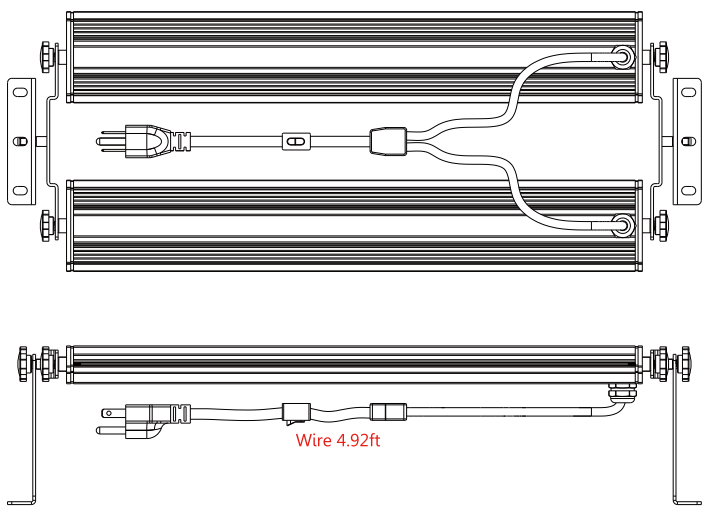


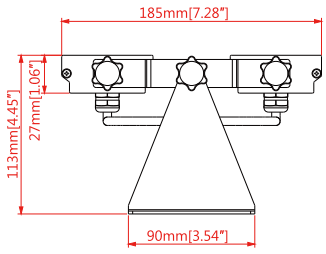


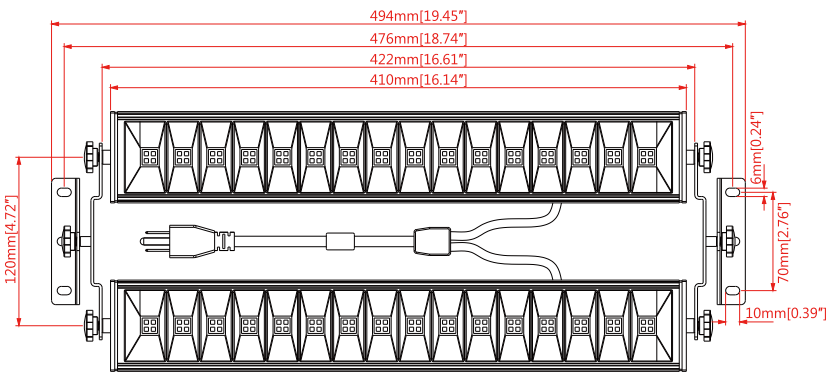


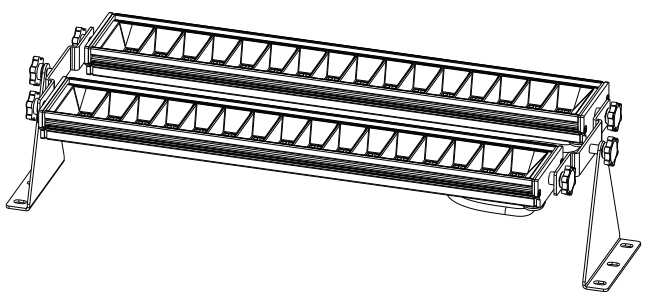


NG-BL-WW-150W



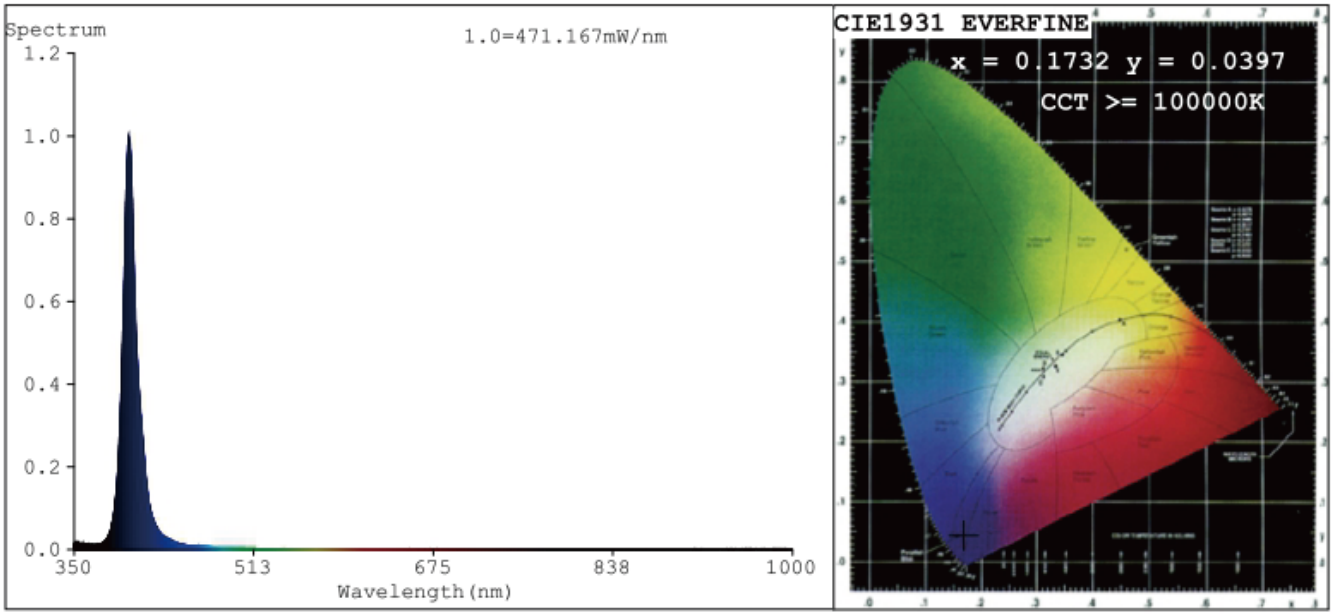






NG-BL-WW-160W

NG-BL-WW-80W Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.1732 y=0.0397/u'=0.2214 v'=0.1140

CCT=100000K(Duv=-0.1942) Dominant WL:Ld =446.6nm WL:Lc = --nm Purity=92.3%

Ratio:R=6.6% G=59.2% B=34.2% Peak WL:Lp=399.4nm FWHM=12.4nm

Render Index:Ra=17.6 AvgR=20.7 TM30:Rf=0 Rg=-75

R1 =56	R2 =26	R3 =0	R4 =0	R5 =50	R6 =3	R7 =4	
R8 =3	R9 =0	R10=0	R11=0	R12=0	R13=74	R14=13	R15=82

Photo Parameters:

Flux = 52.71 lm Eff. : 1.18 lm/W Fe = 8.060 W

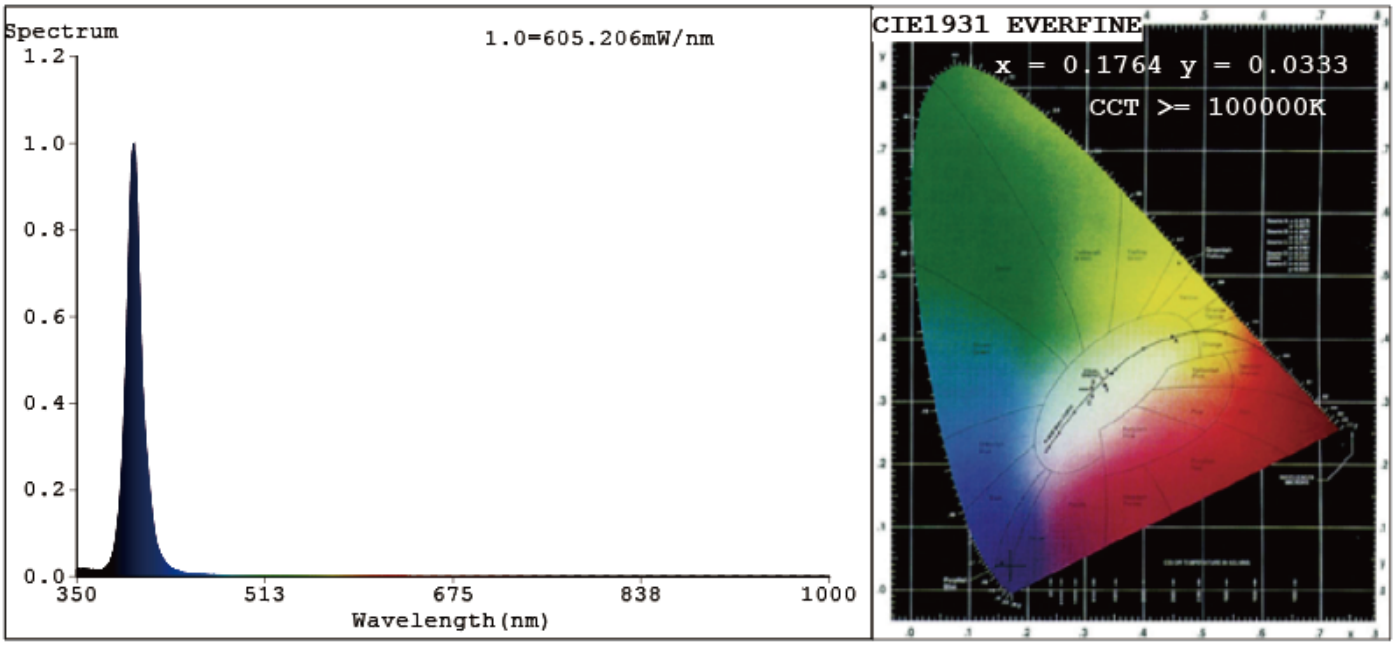
Photosynthetic:PPF:15.542umol/s PAR WATT:4499.1mW(400-700nm)

Electrical parameters:

V = 119.98 V I = 0.3940 A P = 44.61 W PF = 0.9436

LEVEL:OUT WHITE:OUT

NG-BL-WW-150W Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.1764 y=0.0333/u'=0.2316 v'=0.0983

CCT=100000K(Duv=-0.2068) Dominant WL:Ld =439.7nm WL:Lc = --nm Purity=93.0%

Ratio:R=8.4% G=60.2% B=31.5% Peak WL:Lp=399.0nm FWHM=12.8nm

Render Index:Ra=17.7 AvgR=18.4 TM30:Rf=0 Rg=-51

R1 =67	R2 =11	R3 =0	R4 =0	R5 =59	R6 =0	R7 =0	
R8 =5	R9 =5	R10=0	R11=0	R12=0	R13=53	R14=10	R15=65

Photo Parameters:

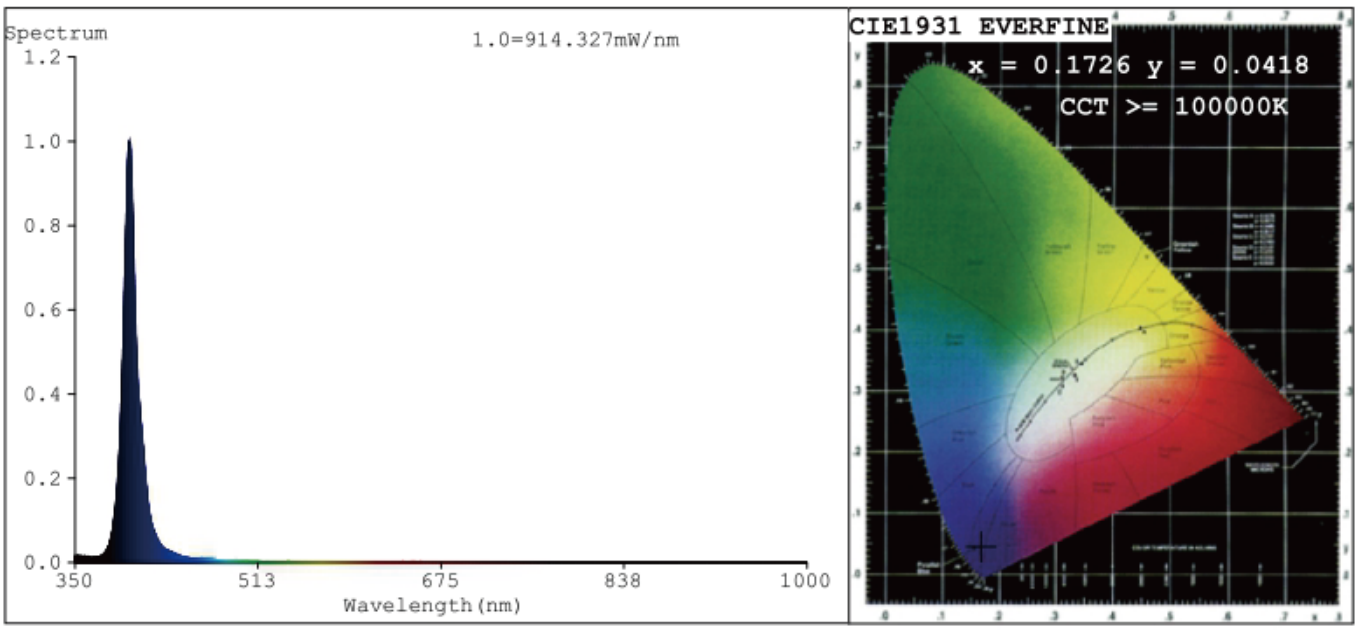
Flux = 42.11 lm Eff. : 0.61 lm/W Fe = 10.30 W

Electrical parameters:

V = 119.84 V I = 0.6146 A P = 69.48 W PF = 0.9434

LEVEL:OUT WHITE:OUT

NG-BL-WW-160W Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.1726 y=0.0418/u'=0.2188 v'=0.1191

CCT=100000K(Duv=-0.1904) Dominant WL:Ld =448.1nm WL:Lc = --nm Purity=91.9%

Ratio:R=6.2% G=59.4% B=34.4% Peak WL:Lp=398.0nm FWHM=11.9nm

Render Index:Ra=17.9 AvgR=21.1 TM30:Rf=0 Rg=-83

R1 =53	R2 =29	R3 =0	R4 =0	R5 =49	R6 =3	R7 =6	
R8 =3	R9 =0	R10=0	R11=0	R12=0	R13=77	R14=15	R15=82

Photo Parameters:

Flux = 99.39 lm Eff. : 1.11 lm/W Fe = 15.65 W

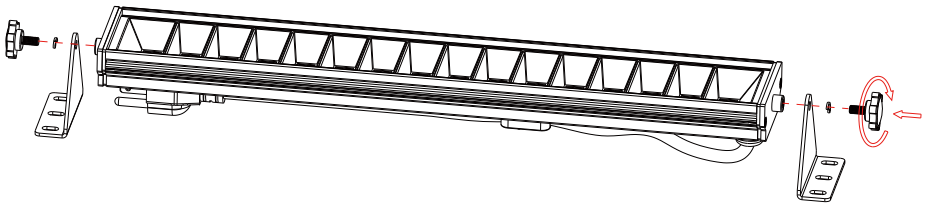
Photosynthetic:PPF:25.604umol/s PAR WATT:7393.6mW(400-700nm)

Electrical parameters:

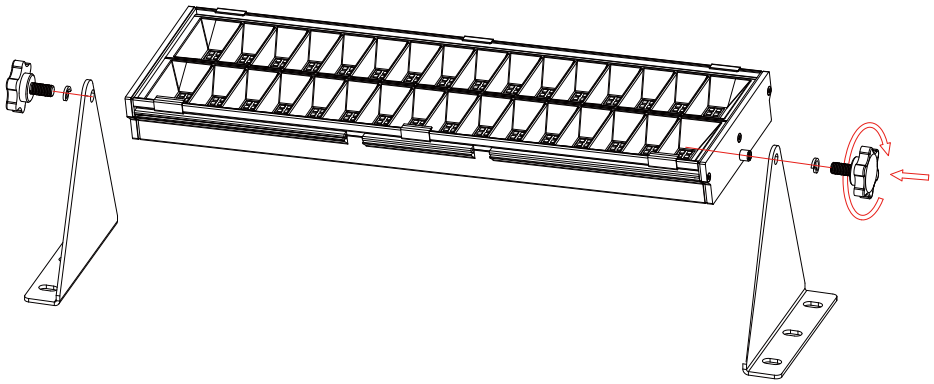
V = 120.06 V I = 0.7885 A P = 89.33 W PF = 0.9437

LEVEL:OUT WHITE:OUT

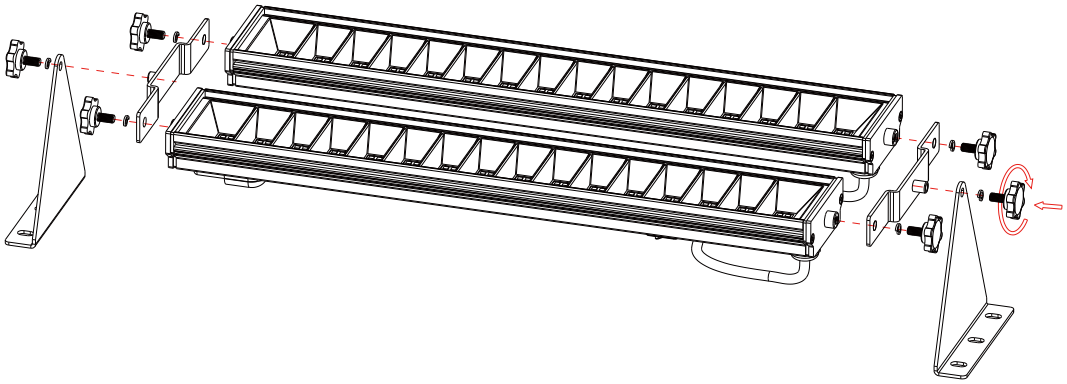
Single light :



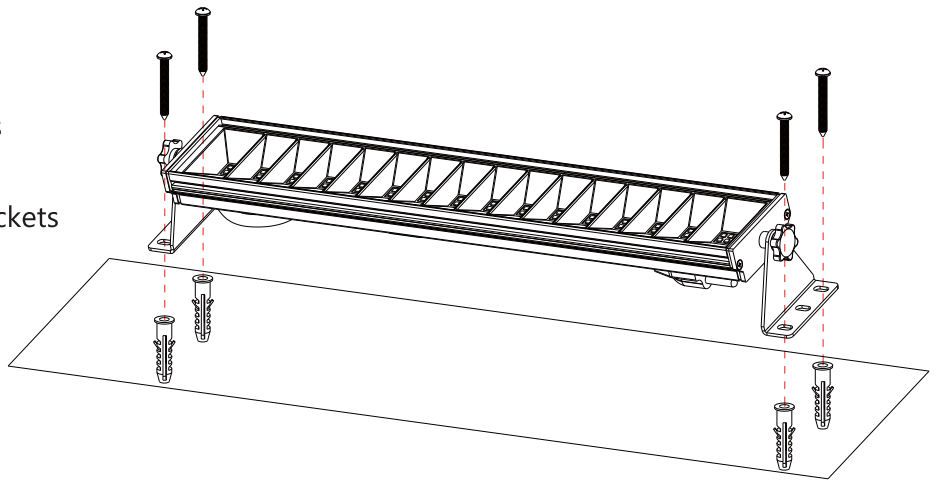
Double light :

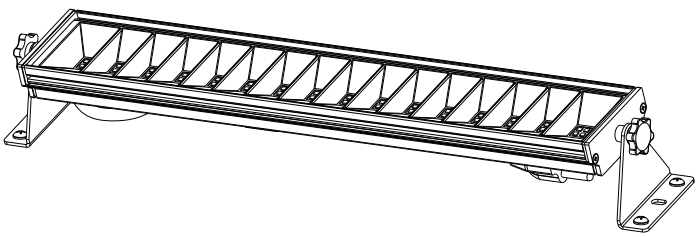


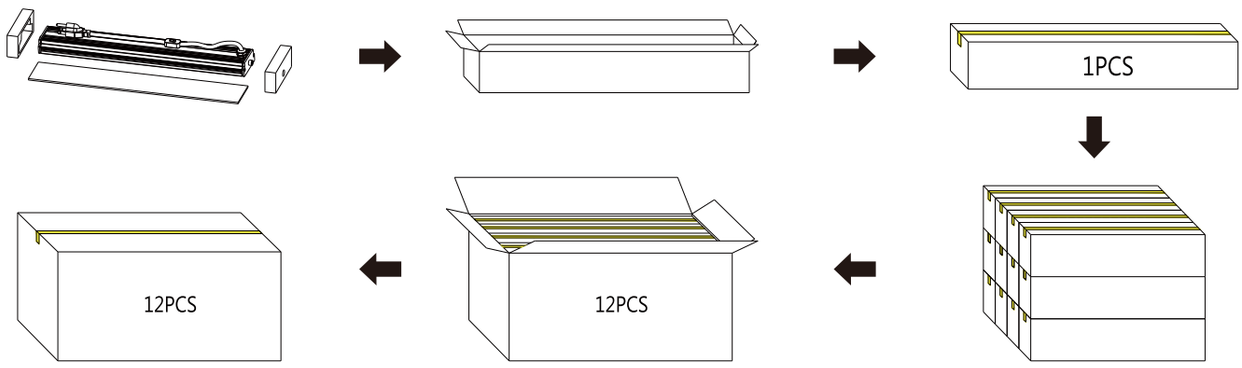
Double light :



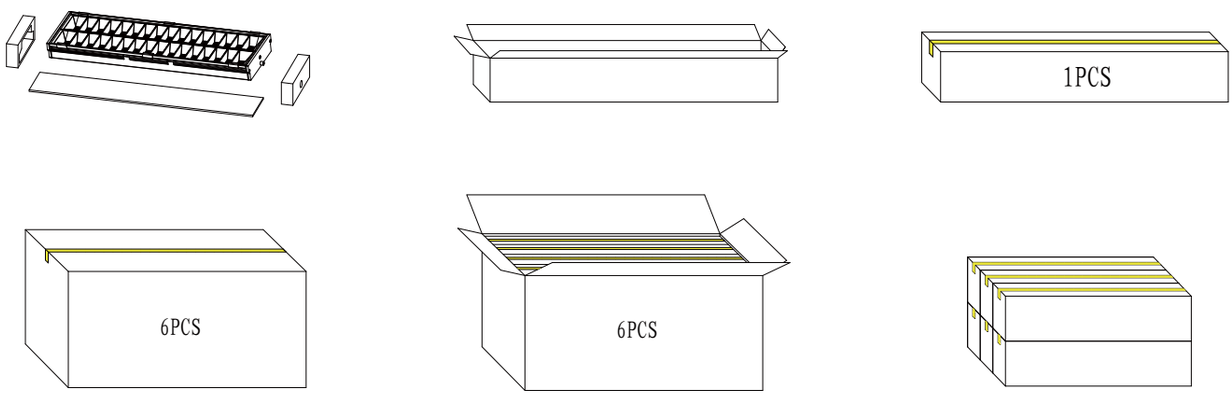
1. Drill 4 holes on the wall, then screw 4 expansion pipes into the holes.
2. Tighten 4 M5 screws into brackets to fix the light on the wall.



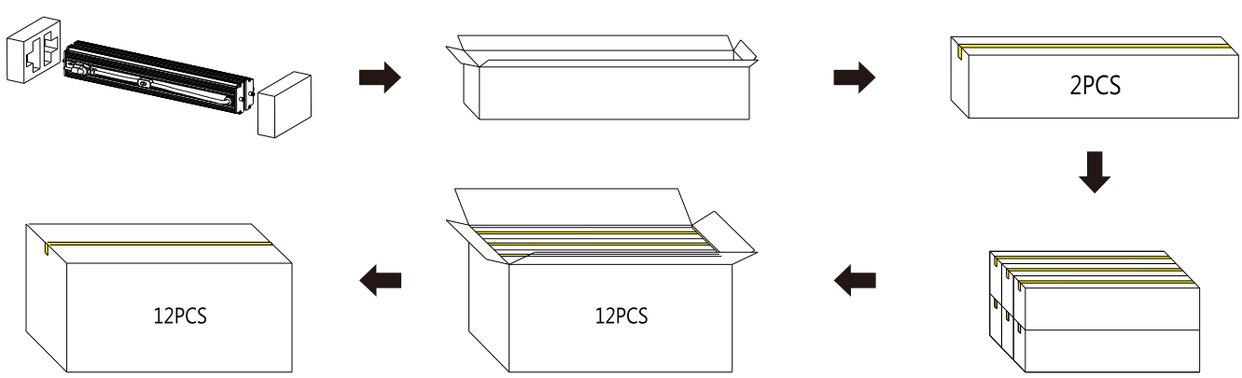




Single light



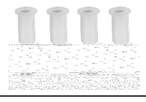
Double light



Double light

Series	Unit	Package Size	Total number of packages	Single Net Weight	Gross weight
80W	1 pcs	370*325*455mm	12 pcs	0.88kg	13kg
80W	2 pcs	463*218*455mm	12 pcs	0.88kg	13kg
80W	4 pcs	325*292*455mm	12 pcs	0.88kg	13kg
150W	1 pcs	445*156*100mm	6 pcs	2kg	14.5kg
150W	2 pcs	445*156*175mm	6 pcs	2kg	14.5kg

Packaging accessories:

Single light	Single light bracket x2	Knob screw x2	M5 screw x4
			
		Spring lock washer x2	Plastic expansion pipe x4
			

Single light	Single light bracket x2	Knob screw x2	M5 screw x4
			
		Spring lock washer x2	Plastic expansion pipe x4
			

Double light	Double lights bracket x2	Knob screw x6	M5 screw x4
			
		Spring lock washer x6	Plastic expansion pipe x4
			
		Connector bracket x2	

Using Tips

- Linear UV light, only suitable for AC120V±10% of the country or region use;
- In the handling/storage, please pay attention to handle gently, do not heavy pressure, do not break.
- When installing lamps and lanterns, the wiring place should be insulated to prevent electricity leakage.
- Maintenance/repair/replacement of LED lamps, please turn off the power;
- Can not be used in flammable, explosive, high temperature, water leakage and corrosive places.
- Installation please find a professional electrician to install.
- The lamps and lanterns should be repaired or replaced by professional personnel in case of failure.