



# Product Specification

**Customer:** \_\_\_\_\_

**Product:**

**Industrial panel light**

**Model:**

**AB600-80W/100W/120W/150W/200W**

**Date:**

**2017/1/07**

Customer acknowledge (company stamp)		(company stamp)		
Acknowledge	Review	Approved by	Audit	Made by
Jacky	Jason	Rambo	Winnie	Bella

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## 1. Product feature

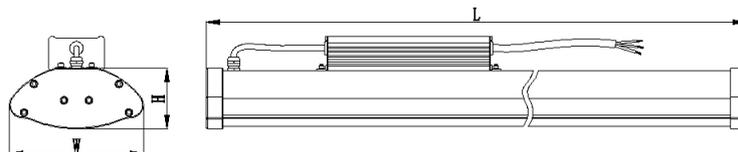
- ◆ Applying high thermal conductivity aluminum frame + PC cover, with feature of compressive strength, not easy broken , durable and so on.
- ◆ With strong adaptability to climate, not sensitive to humidity, wider arrange for temperature. Being waterproof, dust proof, antiseptic, explosion proof, and vibration prevention, the light can be used for long time in hard situation such as high temperature, humid place and kind of corrosive occasions after special technology on surface with painting and sealing treatment.
- ◆ Using **Philips SMD3030 LED** source, without heavy metal and harmful gas, which is environmentally-friendly and meet CE、ROHS requirement.
- ◆ Adopting advanced lighting optical design of PC cover, to ensure soft and comfortable performance, and no flickering, no dark area and no double image, avoiding tiredness during working.
- ◆ Big radiator shell, maximum power could reach to 200w, provides high brightness lighting
- ◆ Sling bracket, external power supply, easy to be installed and maintained

## 2. Product View

### 1.Product picture



### 2. Dimension



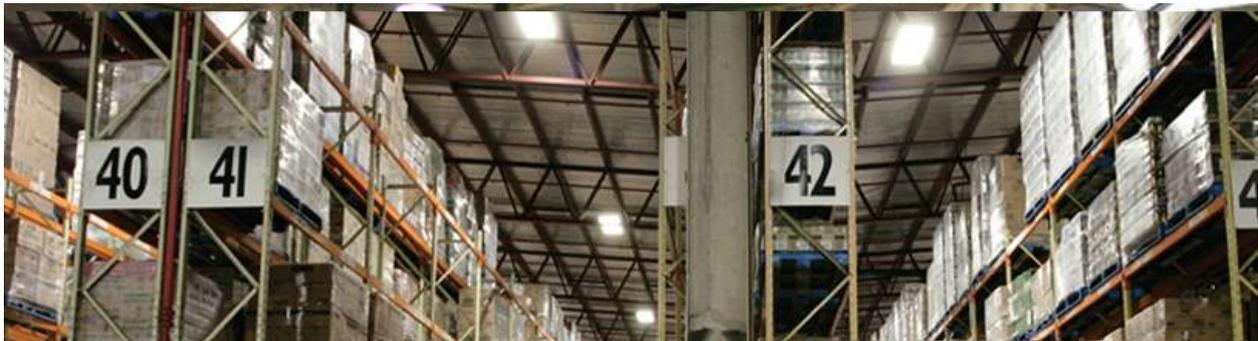
Model	Spec	L (mm)	W (mm)	H (mm)
AB600-80W	0.6m	600	150	68
AB900-120W	0.9m	900	150	68
AB1200-150W	1.2m	1200	150	68
AB1500-200W	1.5m	1500	150	68

### 3. Application

Application: Factory, tunnel, underground mine field, school, hospital, parking lot, warehouse, square, supermarket, courtyard and so on.



Application: workshop, warehouse, tunnel, stadiums, and heavy industry and so on.



Case of big warehouse: Installation height 13meters    Spacing of 6\*6meter    wattage 200w





#### 4. Specs

Model	AB600-80W	AB900-120W	AB1200-150W	AB200-200W
Power (±10%)	80W	120W	150W	200W
Input Voltage(Hz)	100-305VAC (50/60Hz)			
Power Factor(PF)	>0.9			
LED QTY Philips (SMD3030)	80pcs	120pcs	150pcs	240pcs
Lumen (±10%)	9000Lm	14500Lm	18000Lm	24000Lm
Effective (±10%)	>120 Lm/W	>120 Lm/W	>120 Lm/W	>120 Lm/W
CCT(K)	3000K,4000K,5000K,6000K			
CRI(Ra)	>80			
Beam angle	120°			
Working temperature	-20℃~45℃			
Working Humidity	10%~90%RH			
Storage Temperature	-30℃~60℃			
Life Span of light source	≧35000 H			
Materials	AL+PC Frost Cover			
IP Grade	IP65			
Certification	Comply with CE ROHS requirements			

#### 5. Test date and Light Distribution

##### 1. Integrating sphere data (AB1200-150W)

Rendering Index: Ra= 83.7

R1 =84    R2 =92    R3 =93    R4 =78    R5 =80    R6 =83    R7 =89    R8 =71  
 R9 =9    R10=78    R11=77    R12=56    R13=88    R14=96    R15=80

##### Photo Parameters

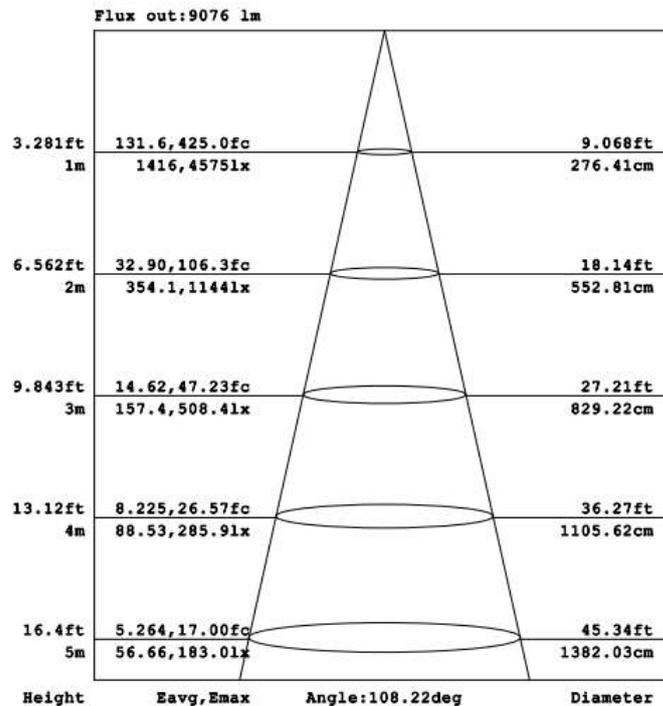
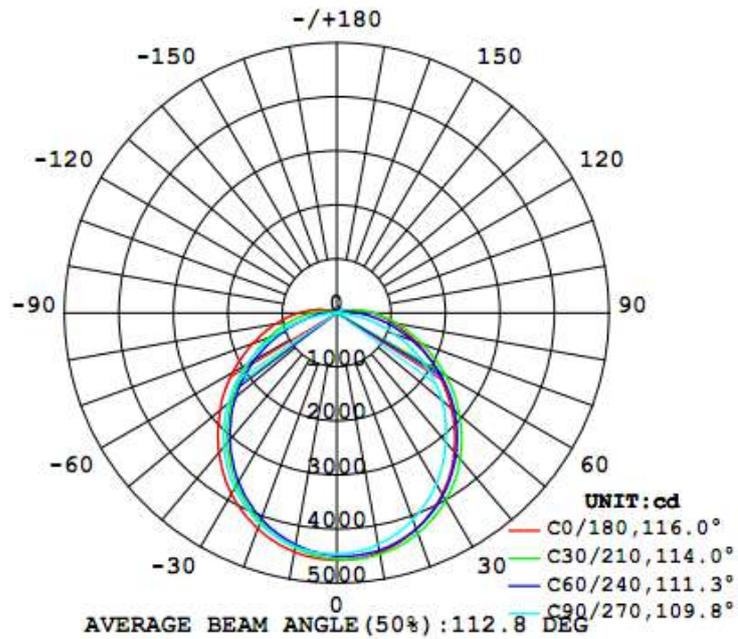
Flux: 15132.20lm    Effi.: 105.3lm/W    Radiant: 42167.7mW    Iv: 0.0mcd

##### Ele. Parameters

Voltage: U=231.100V    Current: I=0.6450A  
 Power: P=143.70W    Power Factor: PF=0.964

2.photometric date (AB1200-150W)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

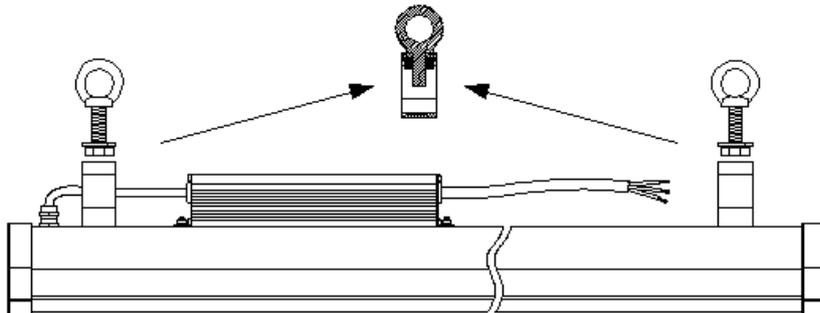
## 6. Installation Manual

### 1. Hanging installation

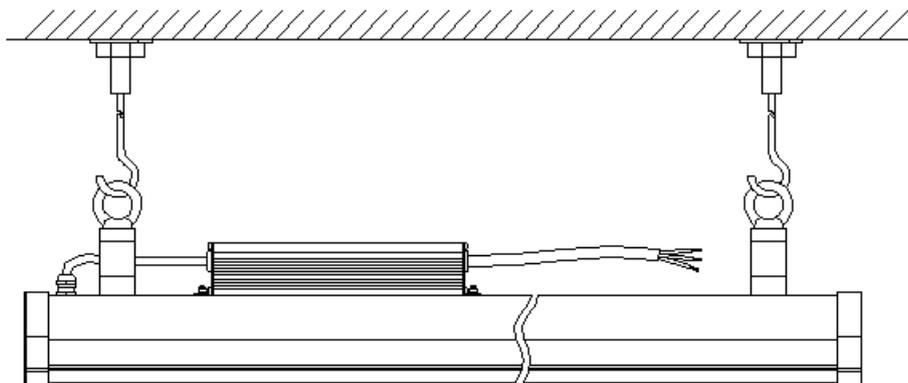
Step1: Fixed installation boom (rope) (User need purchase lifting accessories or ancillary accessories with lamp, please pay attention that the distance could not beyond the scope of product size, the installation height is based on boom length)



Step2: Installing the product rings. Rings available for suspending installation. The fixed part of rings can be adjustable. Please note the coordination with the distance between suspender.



Step 3: Fixing the fixture, with the rings hanged on the hook.



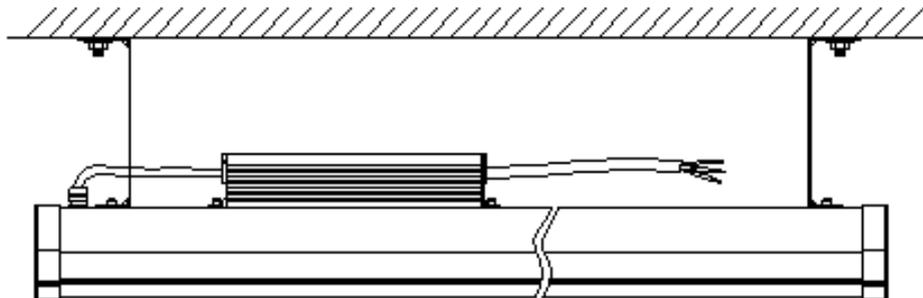
Step 4: Connecting with 100-305VAC,50/60Hz. The product will work normally.

## 2. Ceiling installation

Step 1: Fixing the installation mounting bracket.(Screws for fixing the bracket available. Please note the installation distance between the bracket is no more than product size range)



Step 2: Fixing the fixture on the bracket. Tighten up the screw when the screw is adjusted to proper position with the bracket.



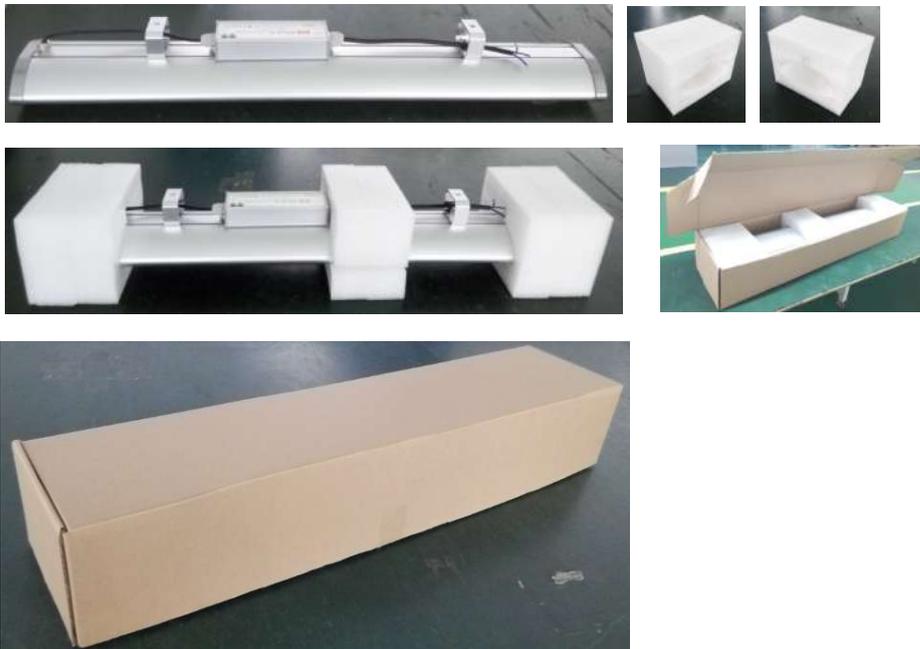
Step 3: Connecting with 100-305VAC,50/60Hz. The product will work normally.

## 7. Product Packaging

1. Paper box packing for single holder
2. Gas with column or foam will be used around the carton to prevent from colliding and vibration
3. Product specification:

No	Model	Length	Qty ( PCS ) /CTN	G.W(KGS)/ CTN	CTN Size/L*W*H ( mm)
1	AB600-80W	0.6m	1	4.2	640**205*165
2	AB900-120W	0.9m	1	5.7	940**205*165
3	AB1200-150W	1.2m	1	7.2	1240**205*165
4	AB200-200W	1.5m	1	8.6	1540**205*165

#### 4.Packing view:



#### 8. Note

1. Please install strictly according to manual.
2. Professional electrician is required to install
3. Please contact supplier if any damage when checking the goods.