



Color

Features

1. Adopt high quality 3535 LED
2. High brightness of single bar.
3. Small voltage drop of single bar, radiation-free
4. Stable and reliable performance, easy installation
5. The light can be on even if the power cord is connected reversely
6. Multiple specifications and support customization

Application

Applied for subway station, supermarket, bus station, shopping mall.

Installation

Fix by screws



Specification

Model No.	Light Color	Color Temperature(K)	Beam Angle	Luminous Flux(lm/pcs)	Ra	Efficacy (lm/W)	Voltage (V DC)	Power (W/pcs)
BPS1-3	W	>6400	6°90°/ 7°30°/ 15°60°	807	70+	102	24V	7.92
BPS1-4				1078				10.6
BPS1-5				1346				13.2
BPS1-6				1581				15.5

Other Parameters

Model No.	LED Quantity/pc	Product Size L*W*H(mm)	Standard Run(pcs)	Working Temperature	Storage Temperature
BPS1-3	3	219*25*14.8	10	-25~+60℃	-25~+70℃
BPS1-4	4	292*25*14.8	7		
BPS1-5	5	365*25*14.8	6		
BPS1-6	6	438*25*14.8	5		

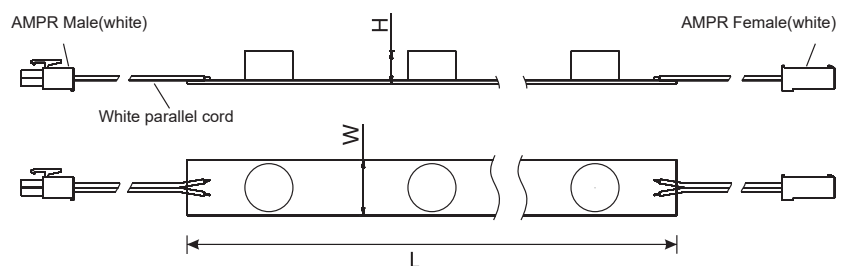
NOTE:

1. Test environment temperature : 25±2℃.
2. The above data is typical values. The actual data of each single product may differ from the typical values. The data is subject to change without notice.

Profile Drawings

Unit:mm[inch]

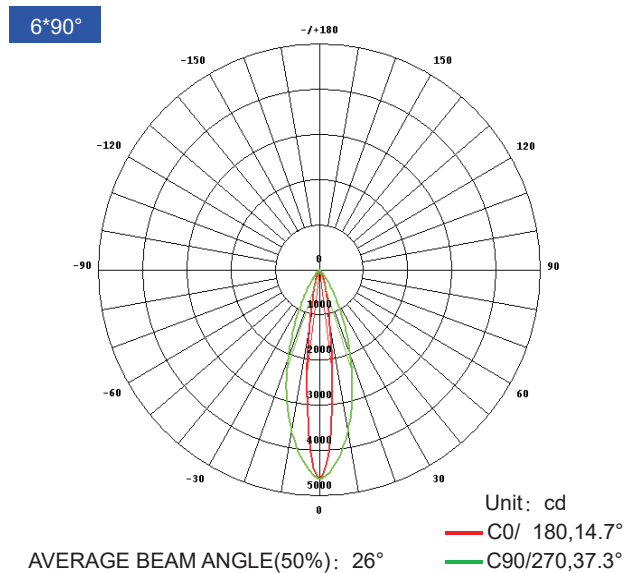
Model No.	Size:L	Size:W	Size:H
BPS1-3	219[8.62]	25[0.98]	14.8[0.58]
BPS1-4	292[11.50]		
BPS1-5	365[14.37]		
BPS1-6	438[17.34]		



Note: For detail drawing, please consult sales rep.



Luminous Intensity Distribution Diagram



Average Illumination

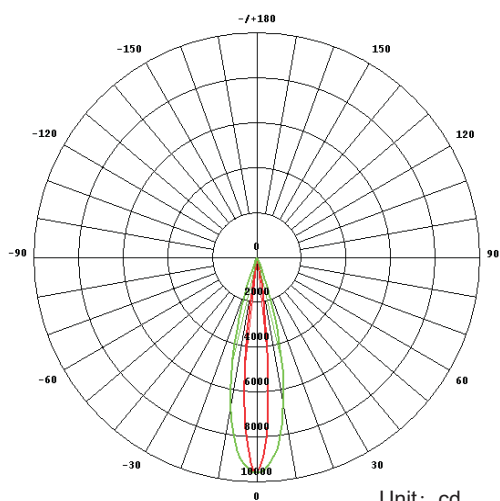
Flux Out: 221.6lm

	6°90°	
1m	3571,463lx	25.87cm
2m	892.7,1158lx	51.74cm
3m	396.7,514.6lx	77.61cm
4m	223.2,289.5lx	103.49cm
5m	142.8,185.3lx	129.36cm
6m	99.18,128.7lx	155.23cm
7m	72.87,94.52lx	181.10cm
8m	55.79,72.37lx	206.97cm
9m	44.08,57.18lx	232.84cm
10m	35.71,46.31lx	258.72cm

Height Eavg, Emax Beam Angle: 14.74° Diameter

Note: The above two figures are tested with the sample BPS1-6-6°90°

Luminous Intensity Distribution Diagram

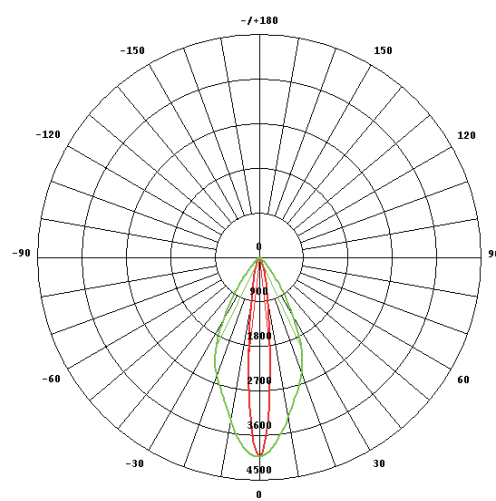
7°30'


Unit: cd

— C0/ 180,12.8°

— C90/270,27.2°

AVERAGE BEAM ANGLE(50%): 20°

15°60'


AVERAGE BEAM ANGLE(50%): 32.1°

Average Illumination

Flux Out: 359.8lm

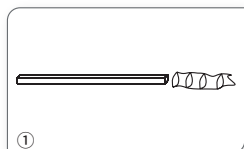
7°30'			
Height	Eavg, Emax	Beam Angle:12.79°	Diameter
1m	7597,9599lx		22.42cm
2m	1899,2400lx		44.84cm
3m	844.2,1067lx		67.25cm
4m	474.8,599.9lx		89.67cm
5m	303.9,383.9lx		112.09cm
6m	211.0,266.6lx		134.5cm
7m	155.0,195.9lx		156.93cm
8m	118.7,150.0lx		179.34cm
9m	93.8,118.5lx		201.76cm
10m	75.97,95.99lx		224.18cm

Flux Out: 150.2lm

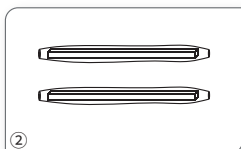
15°60'			
Height	Eavg, Emax	Beam Angle:12.99°	Diameter
1m	3172,4036lx		22.77cm
2m	792.9,1009lx		45.54cm
3m	352.4,448.51lx		68.31cm
4m	198.2,252.3lx		91.09cm
5m	126.9,161.5lx		113.86cm
6m	88.10,112.1lx		136.63cm
7m	64.73,82.37lx		159.40cm
8m	49.56,63.07lx		182.17cm
9m	39.16,49.83lx		204.94cm
10m	31.72,40.36lx		227.71cm



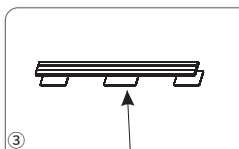
packing



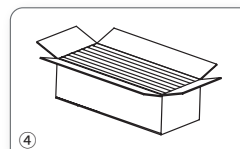
Put the product into PE bag.



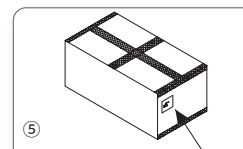
Seal the bag in two ends and label it.



Separate the product layer by layer with foam.



Put the product into carton box.



Seal and label the box.

Packaging information

Model No.	Product Size L*W(mm)	Carton Size(mm)	Total Quantity(pcs)	Net Weight(kg)	Gross Weight(kg)
BPS1-3	219*25*14.8	550*400*340	160	7.52(1±10%)	10.28(1±10%)
BPS1-4	292*25*14.8		160	8.48(1±10%)	10.8(1±10%)
BPS1-5	365*25*14.8		160	10.06(1±10%)	12.35(1±10%)
BPS1-6	438*25*14.8		140	10.39(1±10%)	12.78(1±10%)

Note:

Shipping materials: PE bags and carton box.

The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.



Attentions before installation

- Before installation, check that the product parameters are consistent with the requirements (Seeing product specifications or product labels)
- Load voltage, current, power and power supply should be matched with the product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Make sure the correct connection of positive and negative poles between products and power supply. Otherwise, the light will not be on.
- Make sure the power cord firmly screwed into the terminal and it should not be pulled out by hands.
- The terminal should have insulation, waterproof and anti-corrosive treatment.

Common Faults and Troubleshoot

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Fix the short circuit problem.
	Automatic power protection from the open or short circuit in output of the power supply.	
	Wrong connection of power supply.	
LEDs can not light on partly.	Some switching mode power supplies are not powered.	Correctly connection.
	Power supply line error.	
	Mistaken wire connection of some of products	
Brightness of LED is inconsistent tor insufficient.	Power overloaded.	Replace with more powerful power.
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within $\pm 5\%$ of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of the product	Reduce the quantities of the product in series connection to meet requirement.
LED flicker.	Connection point fault.	Remove bad connection point.
	Switching power supply failure.	Replace a new power supply.
	Wrong Installation or use of products	Please follow the instructions

Warning

- Do not disassemble or retrofit the light. Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation, especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation, waterproof, and anti-corrosion in the installation.
- Use 18AWG (0.75mm² cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on.
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters. Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

Statements and Recycling

Statements:

- Repair should be operated by a qualified technician, if the external circuit or main line of this product is damaged.
- The parameters given in this manual are typical values and for reference only.
- All illustrations and drawings in this manual are for reference.
- This product is subject to change without notice.

Recycling:

- LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.