LONGLUX

Hangzhou Longlux Electronic Technology Co.,Ltd

LLX-ST8 LED Street Light （Glass model）



LUMILEDS

≥0.95	70 Ra	IP66	IK09	6KV/10KV	≥50000 Hrs	AC 100-277V	47-63Hz
Power Factor	CRI	IP Level	IK Level	Surge Voltage	TM-21 (L_{70})	Input Voltage	Power Frequency

RoHS CE CB

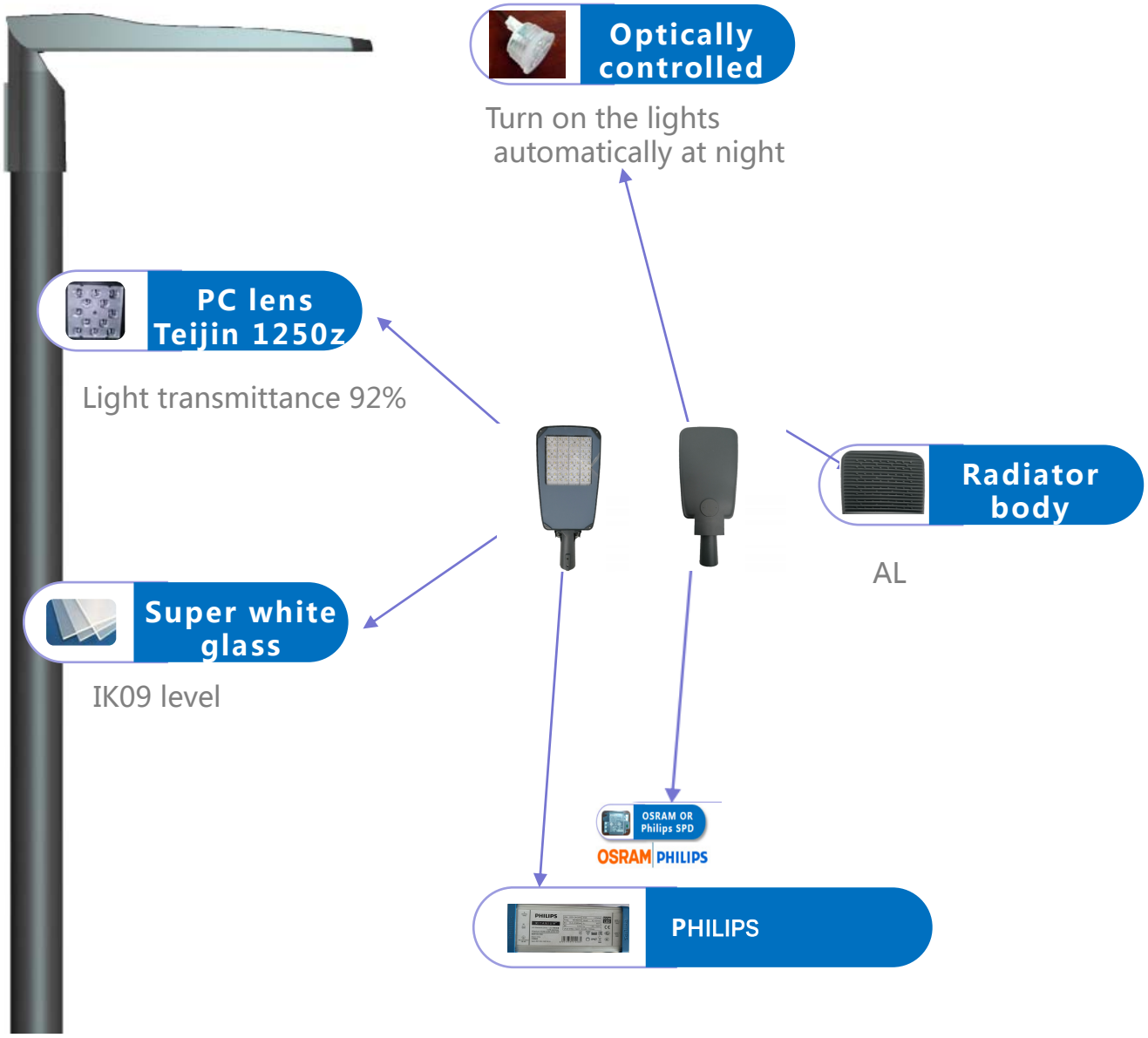
LM79
LM80

ISO9001
ISO14001
ISO54001

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LLX-ST8 Diagram



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LLX-ST8 LED Street Light

Matters needing attention

- Before installing the lighting fixtures, please read this instruction manual carefully.
- The lighting fixtures should be installed, connected and tested by a certified electrician based on the local regulations.
- Lamps should always be installed or replaced carefully.
- Please check the local voltage in accordance with the product requirements before installation.
- Revamping only can be done when the power is off and the lamp is completely cooled down.
- When clean the lamp, make the power off and let it cool down completely, clean the fixture with a soft cloth and a standard PH neutral detergent, stainless steel should be maintained regularly.
- Don’t cover the fixtures with flammable materials.
- Replace should be made by the manufacturer or his service agent or certified electrician in order to avoid a hazard.

Temperature Characteristics T-ambient 25℃

Temperature
Operating -30~+60℃
Storage -40~+60℃

Electrical Characteristics

Input Voltage:AC100-277V 347-480V

50/60Hz PF:>0.9

Power Efficiency:≧0.90

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LLX-ST8 LED Street Light

1.Features

- IP66 waterproof/dust proof/explosion proof/IK09
- Aluminum shape good at heat dissipation
- The lamp post can be adjusted to plus or minus 15 degrees
  It can also be installed vertically
- Philips SMD 3030 Ra>70/SDCM<6
- 50,000 times switching cycle before failure
- Total harmonic distortion(THD)<20%
- Excellent post light control design, the whole lamp can achieve Type I、II、III、IV、V,That's our advantage

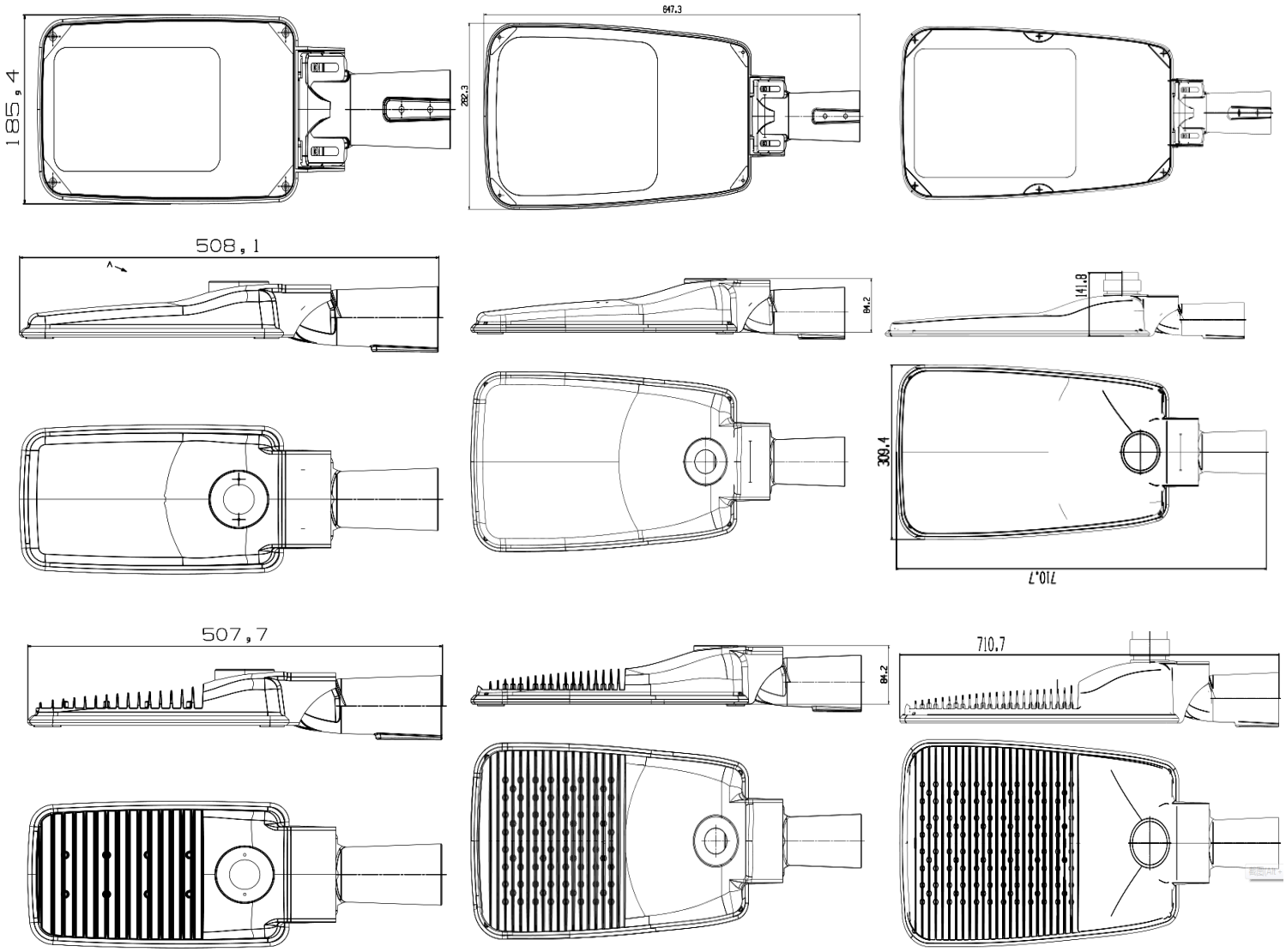
2.Application

ROAD LIGHTING

It is mainly applied to the road lighting of urban expressway,secondary trunk road, branch road, factory, school, garden, various residential communities and courtyards. The installation height is 4-10m and the installation torque is 16Nm.

LLX-ST8 LED Street Light

3.Product Dimension



Model NO.	Size L(mm)	Size W(mm)	Size H(mm)	Support pole diameter
LLX-ST8-60	502.7	185.3	84.2	50/60
LLX-ST8-120	647.3	282.3	84.2	50/60
LLX-ST8-200	710.7	309.4	84.2	50/60

LLX-ST8 LED Street Light

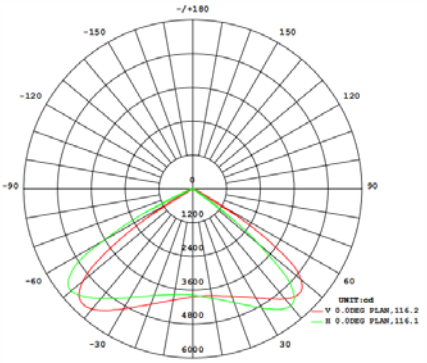
Erp Technical Specification

Item	Symbol	specification/Data
Color Index	CRI	Ra>70
Luminous Efficacy	lm/W	150 lm/W
Energy efficiency Class	/	A++
Color consistency in level	/	Max.7SDCM
THD	/	<15%
Starting Time	S	<0.5S
Switching cycle before failure	/	>100,000times
Premature failure rate@1000h	/	0
Lifespan	H	>50000Hrs

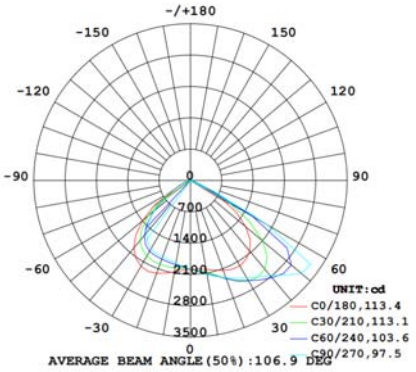
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LLX-ST8 LED Street Light

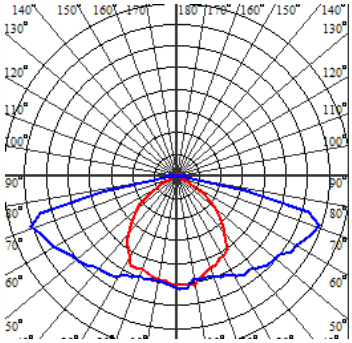
Light distribution curve selection



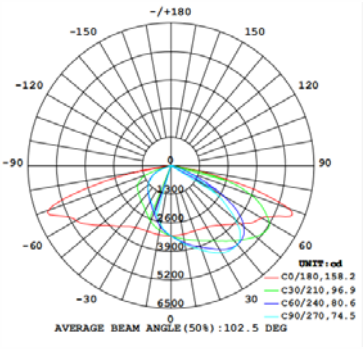
120°



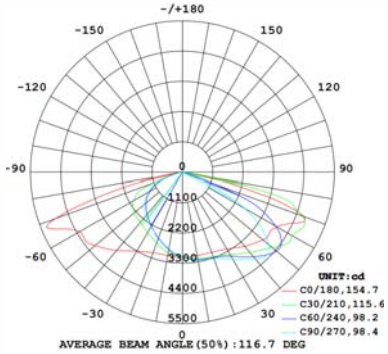
113° X 97°



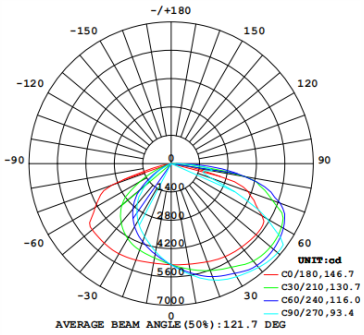
T I



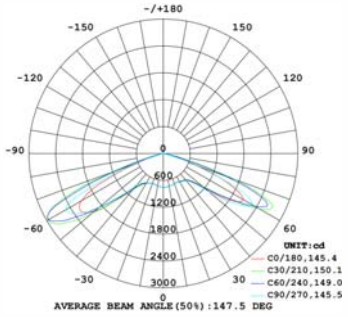
T II-M



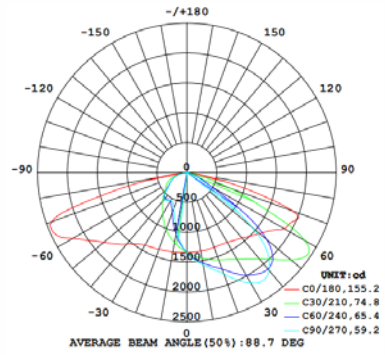
T III-M



T IV-M

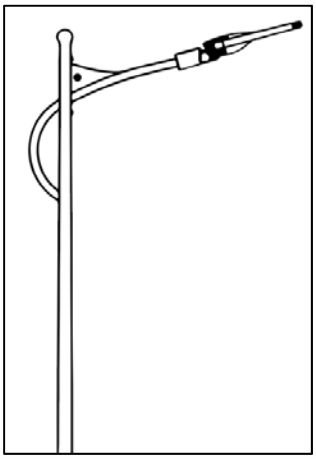


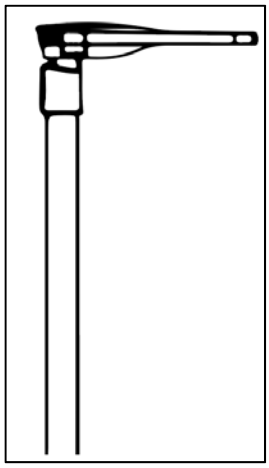
T V



T II-BLS

5.Installation way





■ Installing steps

Turn off the power before installing

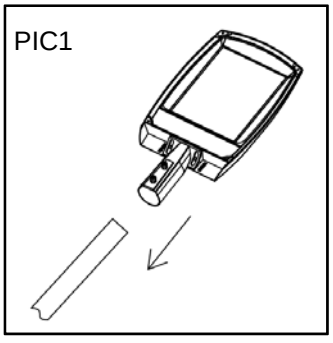
Make sure the model, rated voltage and wattage are the same with the design parameters

Check the wire specification ,

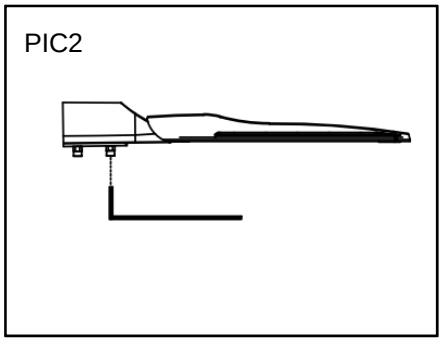
Connect the wire,Through the waterproof connector, connect the L/N wire of the street lamp to L/N wire of the city electricity.

1.Put the light into the light stem (picture 1)
2.Fix the screw of handle (picture 2)
3.check the installing of the light whether level or not .
4.Adjust the angle into which needed (picture 3) .
5. Check the the handle screw fixed or not, if loose, should make it tightly, torque is 16NM

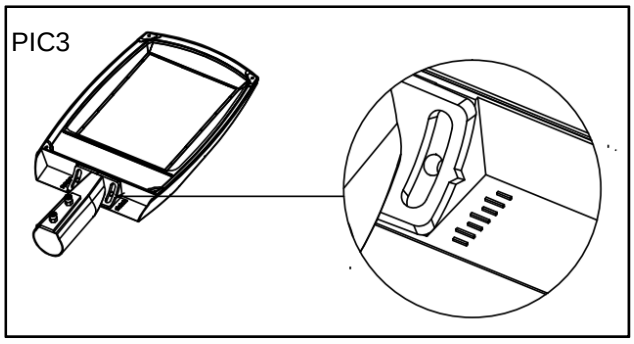
PIC1



PIC2



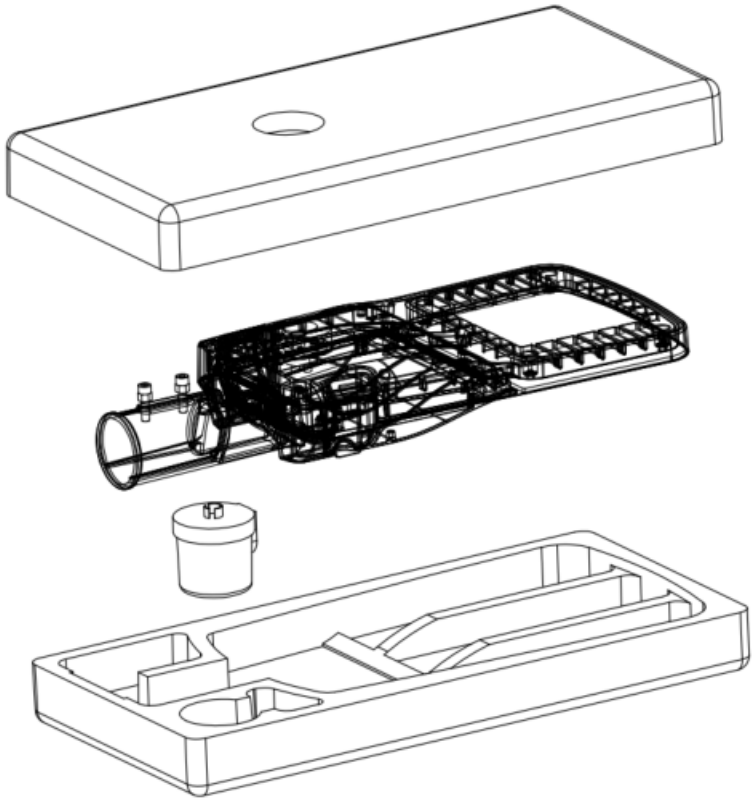
PIC3



6.Packaging

Packing Data

Model No	Sningle BOX	Pcs/CTN	N.W/PCS(kg)	Meas(mm)	LED QTY	CCT (K)
LLX-ST8-60W	1	1	2.27	530*200*100	96/128/192	3000~6500K
LLX-ST8-120W	1	1	3.7	670*300*100	192/256/384	3000~6500K
LLX-ST8-200W	1	1	5.04	730*320*100	288/384/576	3000~6500K



7.Attention

This specification is for reference only,we reserve the right to change without notice.