(Please read the Instruction Manual carefully before the installation and use of the product)

LED Fixture

AURA-10/20/30/50W-L2XX/3XX/5XX

Instruction Manual

1 General

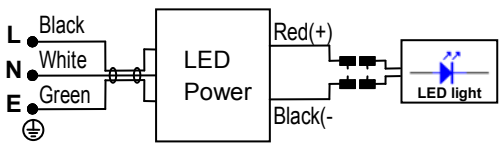
AURA-10/20/30/50W-L2XX/3XX/5XX LED lamps are mainly composed of heat sinks and power supplies. It is a high brightness LED light source lamp. This product uses the company's own research and development of the radiator, the use of high-power LED lighting light source unit, so that high-power LED light source components to achieve modularization, with LED heat more efficient, easy to scale production of lamp light source, lamp light source installation and maintenance convenience and cut costs.

2 Main Parameter

Standard：UL1598

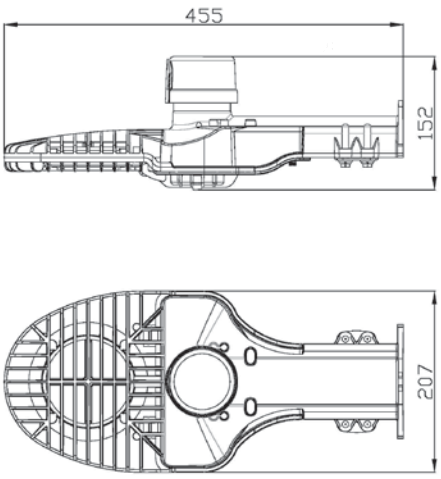
Model	Applicable LED	Voltage	Rated Power (W)	Working Current (A)	CRI	Power Factor (COSφ)
Aura-10W-L2XX/3XX/5XX	XPGBWT (CREE)	120V～277 V AC (-20%~+10%) 50/60Hz	10	0.11～0.047	≥70	≥0.95
Aura-20W-L2XX/3XX/5XX	XPGBWT (CREE)		20	0.20～0.086	≥70	≥0.95
Aura-30W-L2XX/3XX/5XX	XPGBWT (CREE)		30	0.29～0.126	≥70	≥0.95
Aura-50W-L2XX/3XX/5XX	XPGBWT (CREE)		50	0.48～0.21	≥70	≥0.95

3 Circuit Diagram



4 Outline Dimension

Aura-10/20/30/50W-L2XX/3XX/5XX
Outline dimension：455x207x152 (mm)
IP：IP65
Luminaires subject to the maximum projected area of wind 0.05M^2



5 Installation and Maintenance Considerations

5.1

⚠ **The Company solemn statement to the user: The efficient and reliable grounding is a must not only for the personal safety, but also for the ballast require grouding, for the reasons:1) to avoid accidental power leakage and electric shock. 2) meet the national standard of EMC, without interference to other equipment.**

⚠ **Warning：Do not use luminaire when there is no reliable grounding, or you'll responsible for the consequences.**

5.2 The luminaire shall be installed in the area with good ventilation, no corrosive gas and no combustible and explosive objects.

5.3 The supply voltage is allowed to be varied at +10% to -10%. It will influence the normal start and operation of lamp and damage the electronic ballast if it is outside of this range.

5.4 The maintenance can be done only after the power is cut off and the lamp is cold down.

5.5 Please prevent any hard objects touching the surface of the LED light to avoid any damage, affect the lighting effect.

5.6 If the customer does not have special requirements, the fixture does not have a power cord, and the power cord is installed by the customer. When the voltage is 120V～277V AC, applicable power cord model SJTW, wire gauge 18AWG, maximum cable insulation temperature is 105℃, nominal voltage is 300V. When the voltage is 347V～480V AC, applicable power cord model STW, wire gauge 18AWG, maximum cable insulation temperature is 105℃, nominal voltage is 600V. The cable must be installed or replaced by the manufacturer or its service agent or a qualified person to avoid danger.

5.7 The product shall be installed and serviced by the competent and certified electrician

5.8 Ambient Temperature -30℃~+50℃； Ambient humidity 10～95%RH。

5.9 The fixture installation height ≤6m

5.10 Do not open the cover for use。

Note：(1) The cover shall be replaced when it is cracked
(2) The above data is subject to change without notice.

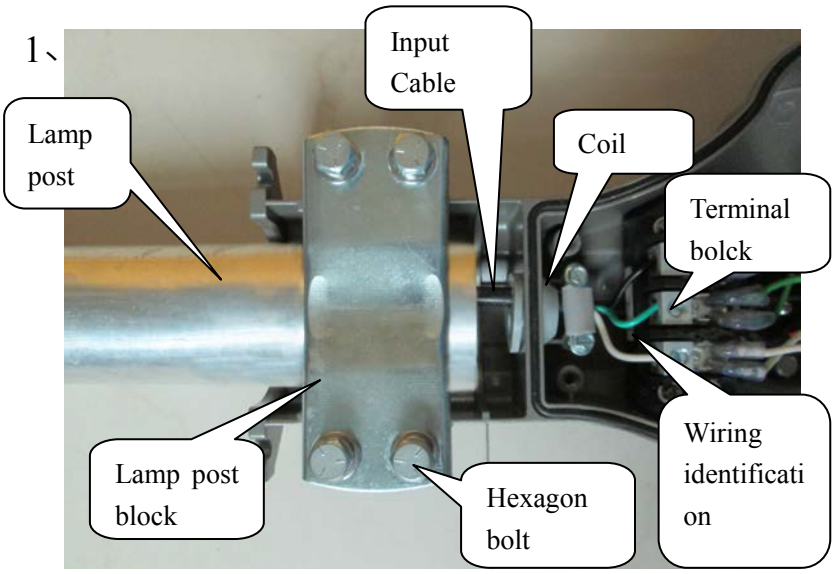
Date：June 201/8

AURA-LED Lamp Post Installation Instructions

一、 Small lamp post：灯杆直径 Diameter of the lamp post Φ 30~47 （1.18”~1.85”）

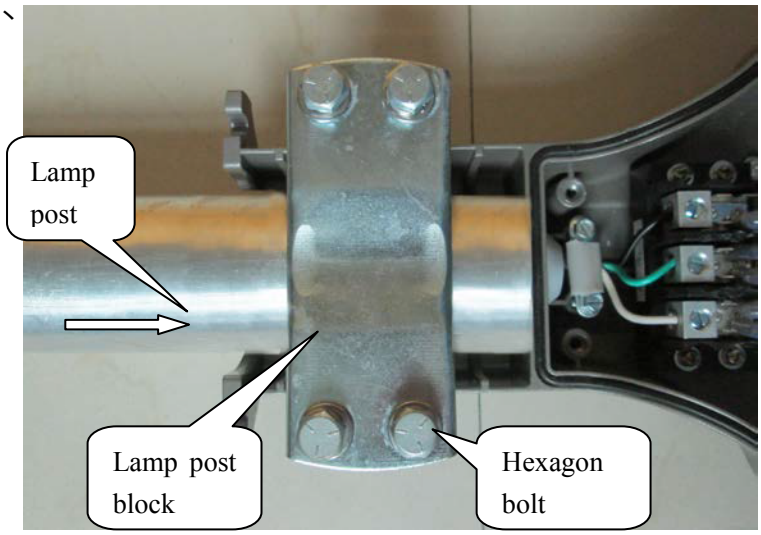
Installation Steps：

1、



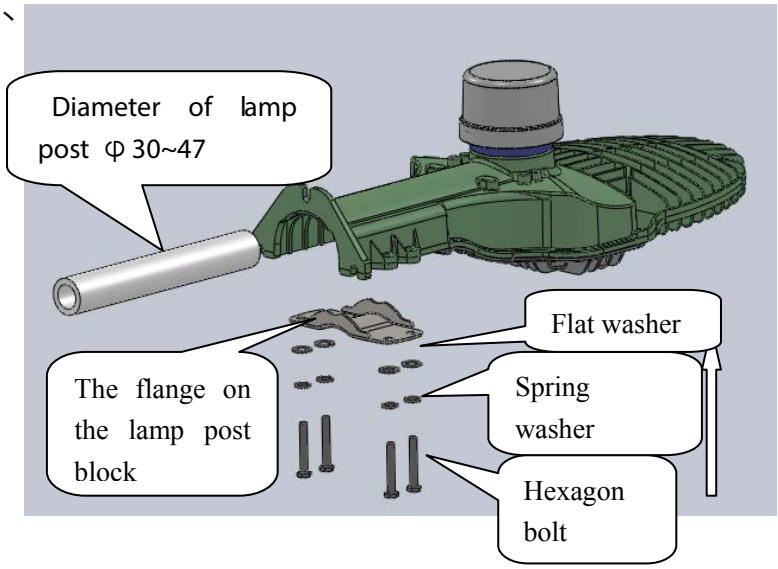
First loosen the hexagon bolt on the lamp post block with a sleeve tool (inch 1/2”) until it is po ssible to pass the lamp post. Then pass the input cable from the lamp post, pass through the coil and fix the input cable on the terminal block according to the wiring identification (The terminal block allows the #2 - 14AWG line to be connected)

2、



Insert the lamp post into the position as shown in the figure, and then tighten the four hexagon bolts on the lamp post block. Apply the torque on the hexagonal bolt: 10-12 Newton Meters.

3、

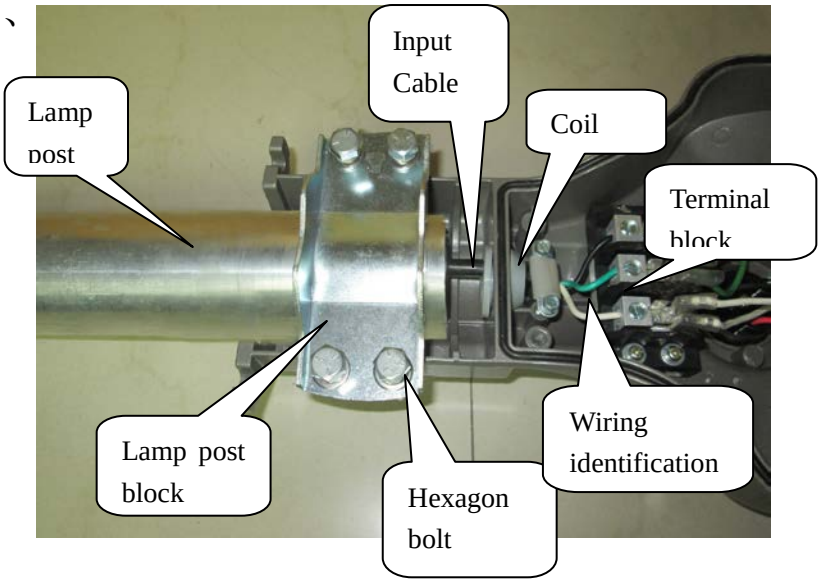


Note: When the lamp post diameter is Φ 30~47 （1.18”~1.85”）, the flange on the lamp post block faces towards the lamp post

二、 Big lamp post：Diameter of the lamp post Φ47~62（1.85”~2.44”）

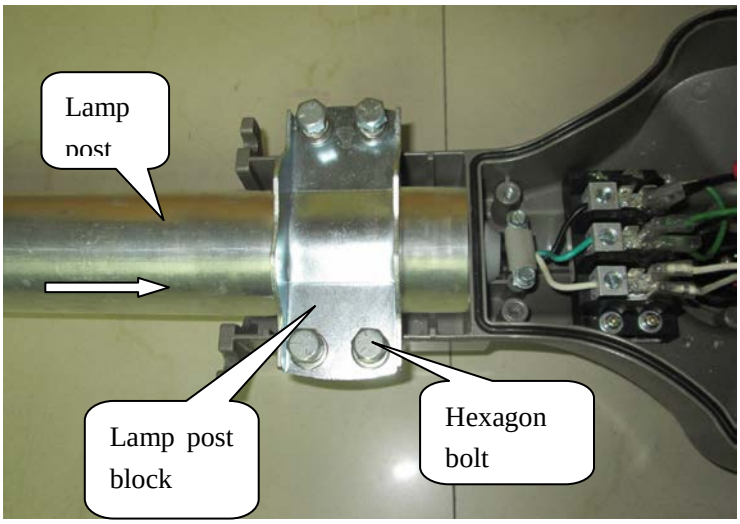
Installation Steps：

1、



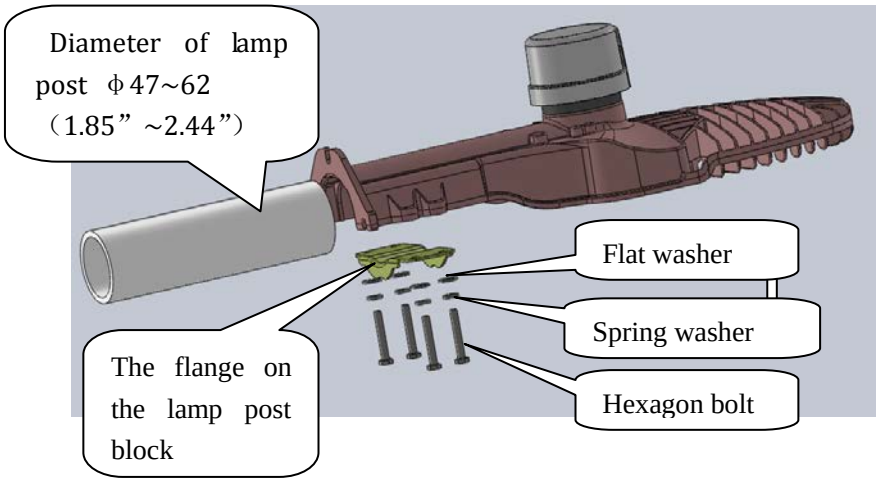
First loosen the hexagon bolt on the lamp post block with a sleeve tool(inch 1/2”) and the lamp post block is reversed. Then the lamp post block is fixe on the hexagon bolt with flat washer and spring washer. The position is suitable for the lamp post passing through the lamp post block. And then pass the input cable from the lamp post, pass through the coil and fix the input cable on the terminal block according to the wiring identification (The terminal block allows the #2-14AWG line to be connected)

2、



Insert the lamp post into the position as shown in the figure, and then tighten the four hexagon bolts on the lamp post block. Apply the torque on the hexagonal bolt: 10-12 Newton Meters.

3、



Note：When the lamp post diameter is Φ47~62（1.85”~2.44”） the flange on the lamp post block faces towards the ground