LED ROAD WAY LIGHT (RL02)

WATTAGES: 150/120/100W,70/50/30W Tunable



LED street lights are ideal lighting solutions, offering superior optical performance for a variety of area and road applications. Providing high-quality lighting while helping clients stay within budget.In addition, optional light sensors and motion sensors provide excellent maintenance convenience. This makes it ideal for sidewalk, car park and road lighting, ensuring safety and cost-effectiveness.

FEATURES

- Heavy-duty cast aluminum housing and removable door.
- High efficiency LED Driver, the wide range input voltage 120-277VAC/120-347VAC/277-480VAC.0-10V dimmable.
- LED drivers mount to die-cast aluminum back housing for optimal heat sinkingoperation efficacy. and prolonged life.
- Cast aluminium design, better cooling and easy replacement.
- Excellent optical design, greatly improve the light utilization and evenness.
- Power and CCT selective are available to meet the different needs of customers and reduce the inventory pressure.
- Installation accessories for both Φ 1.57 inch and Φ 2.36inch lamp posts are provided.
- Low voltage photo sensor and high voltage photo sensor can be selected.
- Microwave and Pir sensors are optional.
- Easy installation, convenient disassembly and wiring.
- There are multiple leakage holes in the power chamber, which are not easy to accumulate water.
- The house shield can be selected.
- Adopting high transmittance and UV resistant PC lens can reduce light loss.

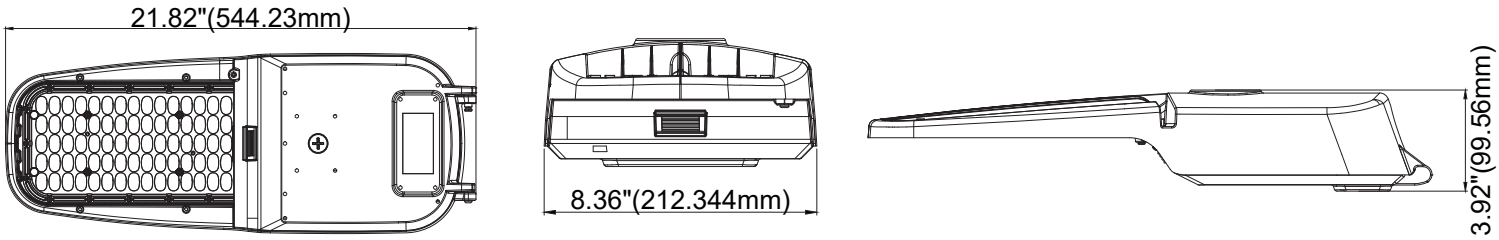
SPECIFICATION		
MODEL	SS-RL02-70W-H-T-Y-T3	SS-RL02-70W-H-T-Y-T3
WATTAGE	70/50/30W Tunable	150/120/100W Tunable
LUMENS	10000LM(Max)	14500LM(Max)
CCT	3000K/4000K/5000K Tunable	
CRI	Ra>70	
INPUT VOLTAGE	AC120-277V / AC120-347V / AC277-480V	
DISTRIBUTION	Type Ⅱ	
POWER FACTOR	0.95	
DRIVER EFFICACY	90%	
DIMMING	0-10Vdc	
LIFE SPAN	>50,000hrs	
WORKING TEMPERATURE	-40℉~113℉	
STORAGE TEMPERATURE	-40℉~176℉	
OUTDOOR RATING	Wet location	
WARRANTY	5 years limited	

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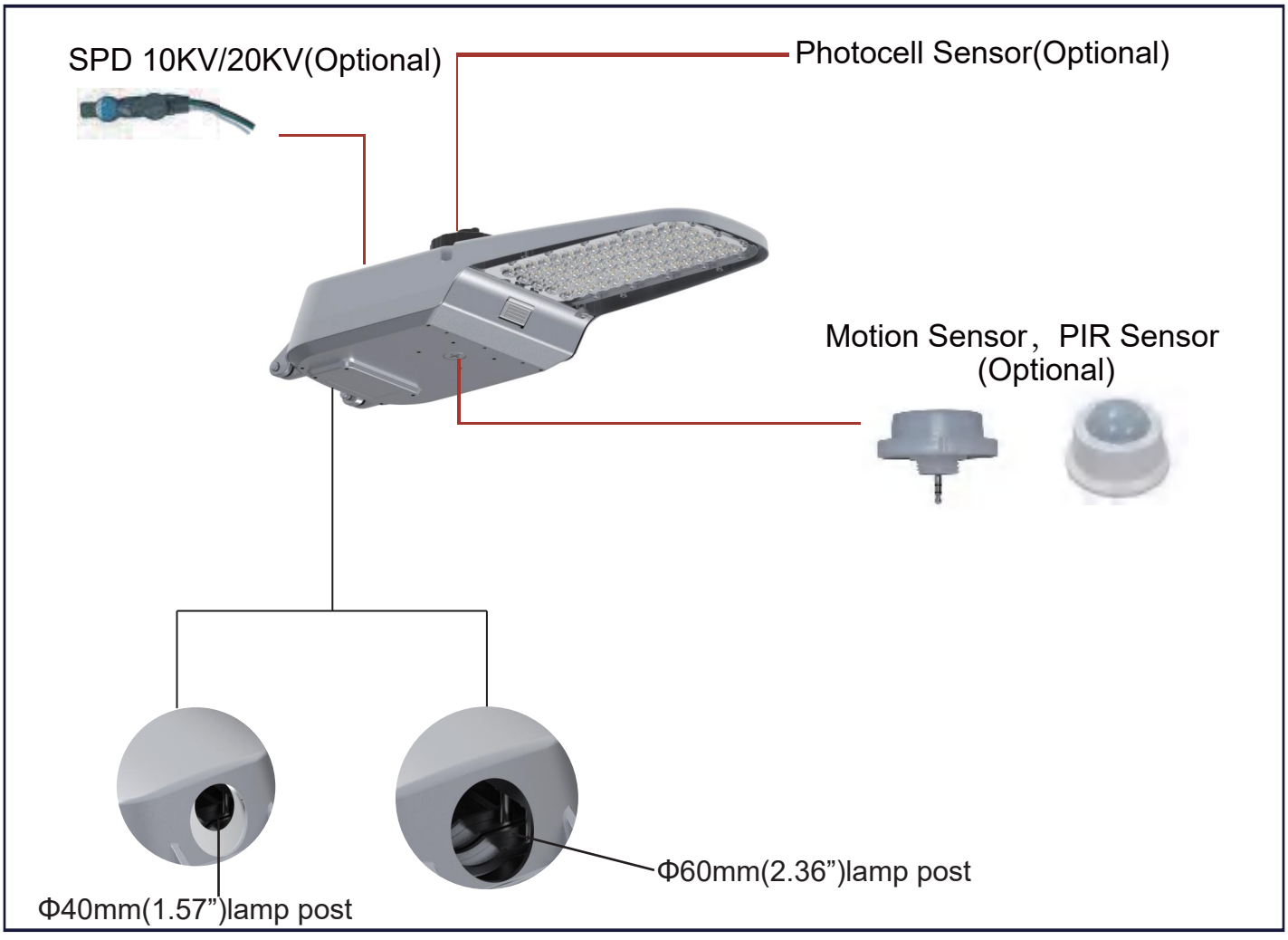
WATTAGES: 150/120/100W,70/50/30W Tunable

DIMENSION (ORDERING GUIDE):



Power	Packing	Size	Net Weight	Gross Weight	pcs/ctn
70/50/30W	Outer Packing Size	L22.36xW8.74xH4.72 inch L568xW222xH120 mm	6.15Lbs(2.79Kg)	7.19Lbs(3.26Kg)	1pcs/ctn
150/120/100W	Outer Packing Size	L22.36xW8.74xH4.72 inch L568xWx222xH120 mm	6.50Lbs(2.95Kg)	7.53Lbs(3.42Kg)	1pcs/ctn

Extended function



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ACCESSORIES MOUNTING BRACKETS(SOLD SEPARATELY)



Surge Protector



Microwave Motion Sensor



PIR Sensor



Photocell Sensor



RC(Remote Controller)



Dark Shield

ORDERING GUIDE:

EXAMPLE:

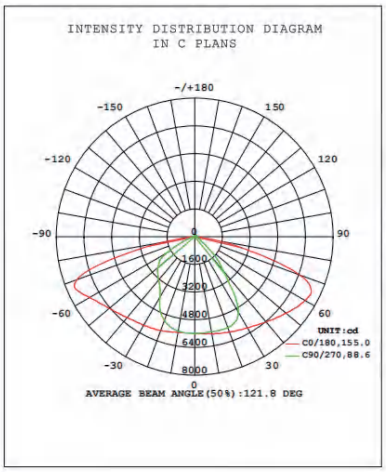
SS-RL02- 150W-H-xx-T-Y-zz

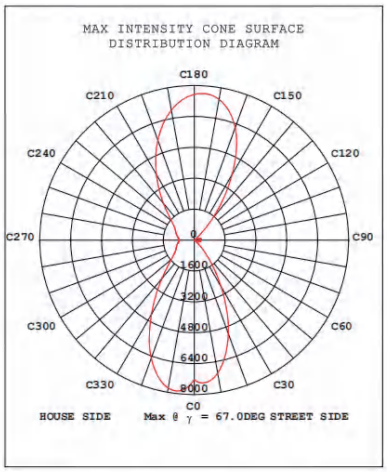
SS	RL02	150W	H	xx	T	Y	zz
COMPANY	PRODUCT	POWER	HIGH LUMENS	INPUT VOLTAGE	Tunable CCT and Power	CONTROL	LIGHT DISTRIBUTION TYPE
Starlake	Road Way	150W=150/100/70W 70W=70/50/30W		Blank=120-277V MV=120-347V HV=277-480V	3000K 4000K 5000K	A: PIR sensor (Infrared sensor) B: MS sensor (occupancy sensor) C: BRT sensor (occupancy+bluetooth) D: PHB sensor (Infrared bluetooth) E: Short-cifcuit cap E: Photocell Blank: no provide sensor	T2, T3, T4, T5

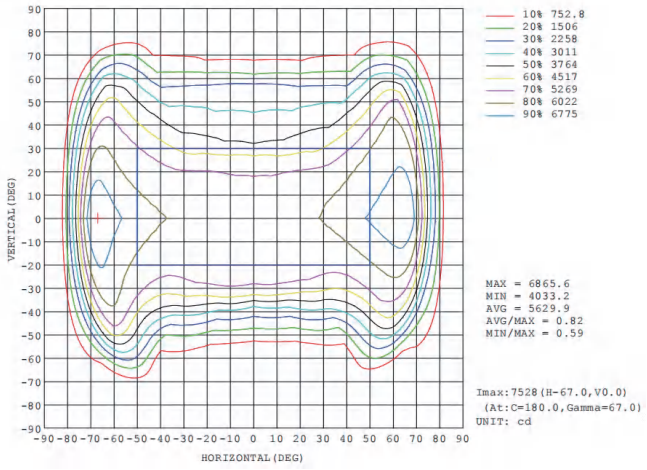
DISTRIBUTION

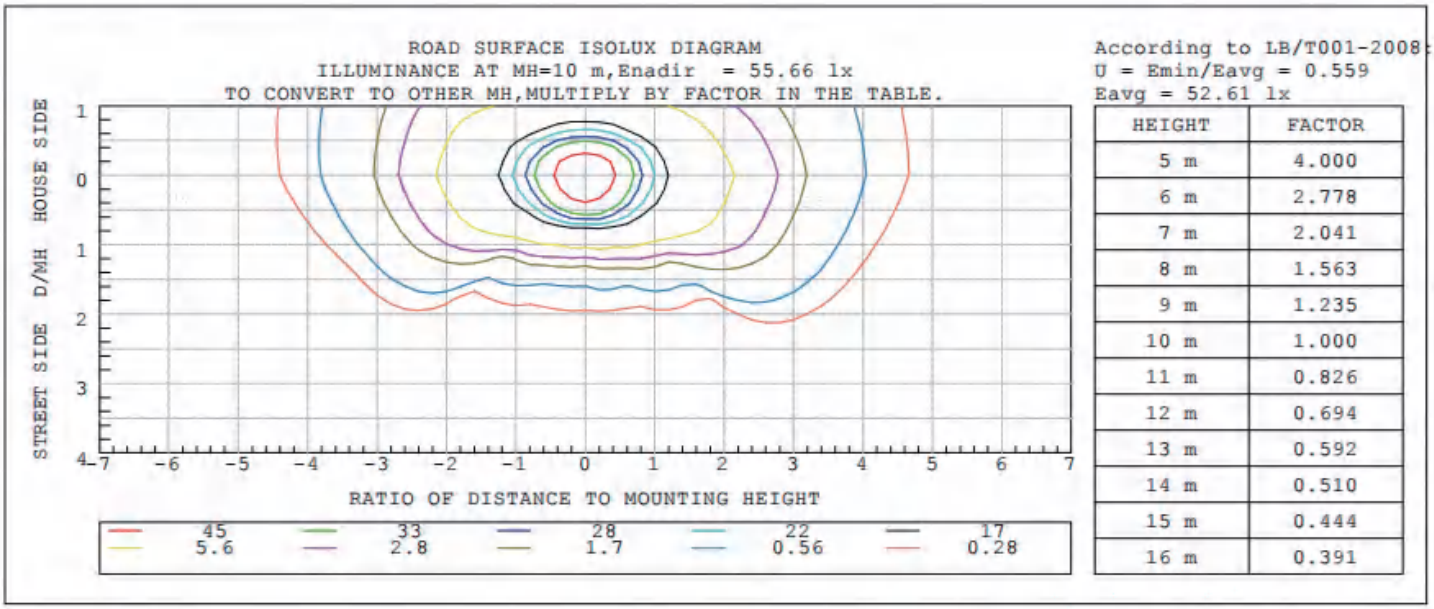
For complete IES files, please visit our website.

SS-RL02-150W-H-xx-T-Y-zz









According to LB/T001-2008:
U = Emin/Eavg = 0.559
Eavg = 52.61 lx

HEIGHT	FACTOR
5 m	4.000
6 m	2.778
7 m	2.041
8 m	1.563
9 m	1.235
10 m	1.000
11 m	0.826
12 m	0.694
13 m	0.592
14 m	0.510
15 m	0.444
16 m	0.391

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Installation instruction manual:

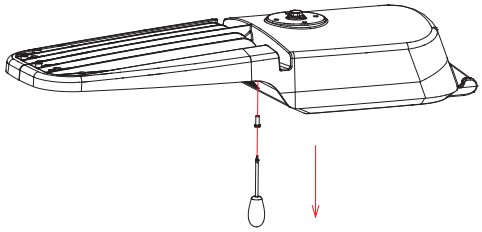


Fig 1

1.Use a Phillips screwdriver to remove the screws from the cover plate. Figure (1).

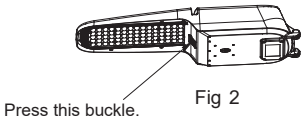


Fig 2

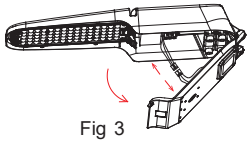


Fig 3

2.Press the buckle as shown in Figure 2, open the bottom cover and unplug the terminal as shown in Figure 3.

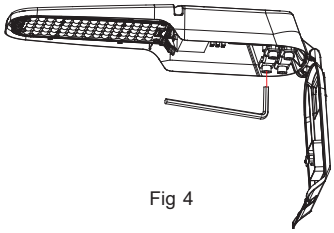


Fig 4

3.Use an Allen wrench to loosen the pressure strip screw without removing the hex screw, as shown in Figure 4.

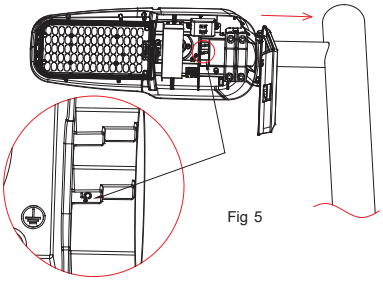


Fig 5

4.Insert the light fixture into the Φ 60mm (2.36") of lamp post and adjust the installation angle of the light fixture as needed, as shown in Figure 5.

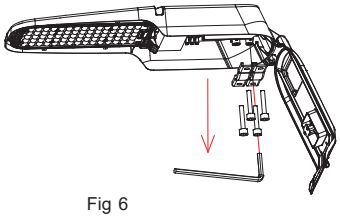


Fig 6

5.If it needs to be installed on a lamp post with a ∅ 1.57", first use an Allen wrenchto remove the pressure bars as shown in Figure6.

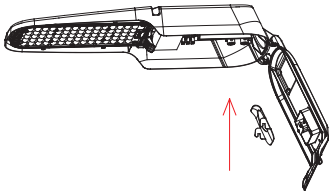


Fig 7

6.Take out the accessories of the Φ40mm(1.57") lamp post from the accessory package and place them in the appropriate position as shown in Figure7.

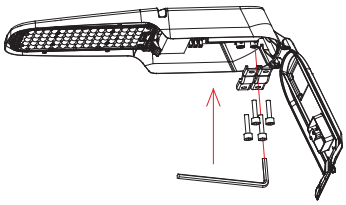


Fig 8

7.Take out 4 pcs M8 * 30 screws from the accessory kit,Then use an Allen wrench to press the pressure strip into the lamp post bracket with a ∅1.57"),as shown in Figure 8.

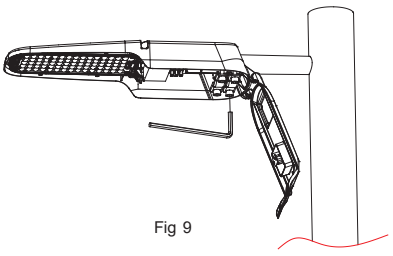


Fig 9

8.Insert the lamp into a ∅1.57" lamp post, adjust the angle of the lamp, and lock the lamp post with an Allen wrench. As shown in Figure 9.

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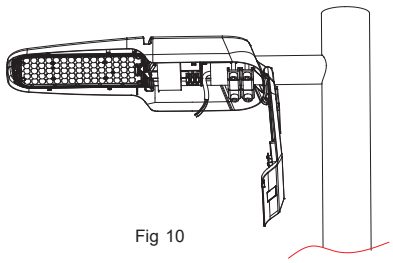


Fig 10

9.Whether it is a lamp post with a ∅ 1.57" or a lamp post with a ∅2.36"
the input wire must be pulled out of the lamp post when wiring, as shown in Figure 10.

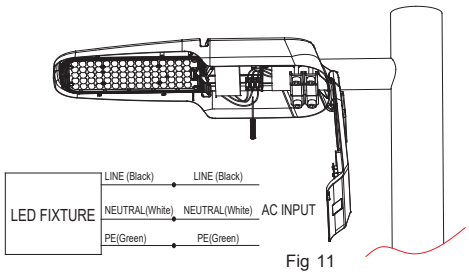


Fig 11

10.Loosen the screw on the terminal with a flathead screwdriver, insert the input line into the terminal and tighten the screw with a flathead screwdriver as shown in Figure 11.

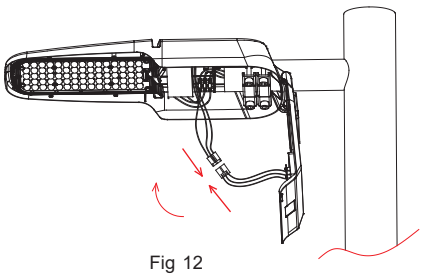


Fig 12

11.Insert the wiring terminal and push the cover plate into the buckle in the direction of the arrow, as shown in Figure 11.

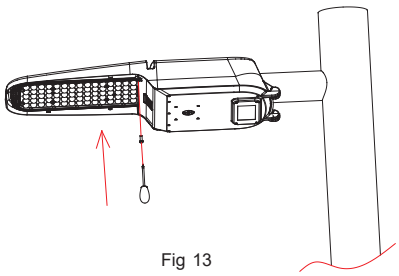


Fig 13

12.Lock the cover plate with a cross screwdriver as shown in Figure 13.

Activation of photo sensor and installation of sensors

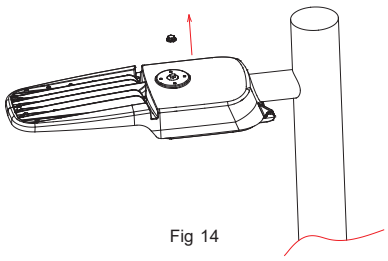


Fig 14

13.If the lighting fixture you purchased comes with a DC photo sensor, removing the shading cap will activate the photo sensor, as shown in Figure 14.

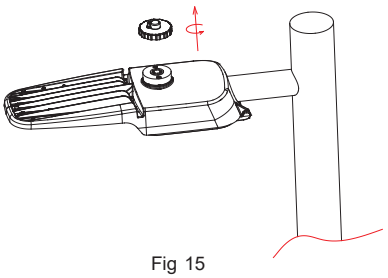


Fig 15

14.If the lighting fixture you purchased comes with an AC photo sensor, removing the short-circuit cap will activate the photo sensor, as shown in Figure 15.

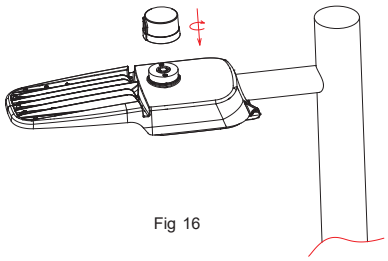


Fig 16

15.Install the AC photo sensor as shown in Figure 16.

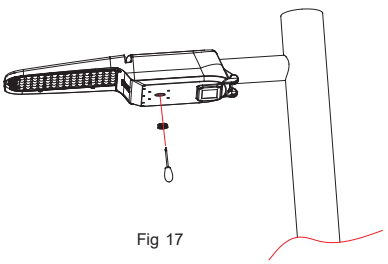


Fig 17

16.Use a Phillips screwdriver to remove the plug from the sensor base as shown in Figure 17.

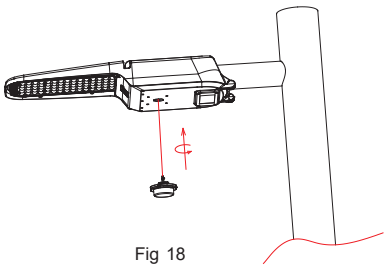


Fig 18

17.Install microwave or pir sensor in the direction of the arrow .As shown in Figure 18.

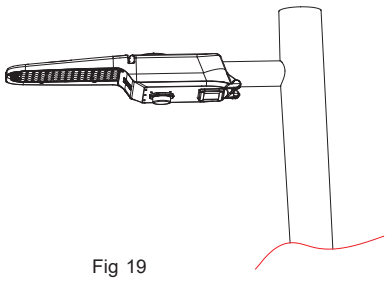


Fig 19

18.Installation completed as shown in Figure 19.

Installation of house shield:

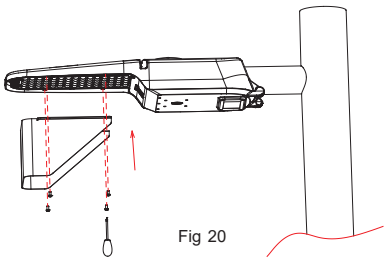


Fig 20

19.Take out 4PCS M4 * 6 screws from the accessory kit and use a Phillips screwdriver to install the house shield onto the light fixture. As shown in Figure 20.

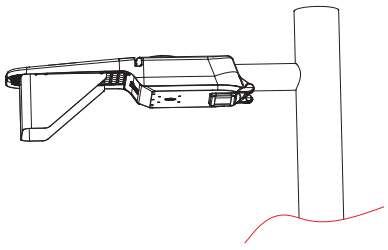


Fig 21

20.Installation completed. As shown in the figure21, the front light of the pole is blocked.

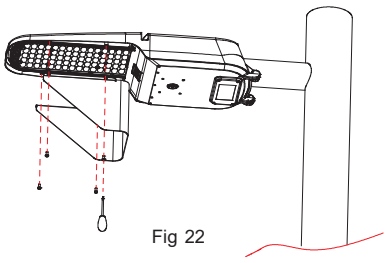


Fig 22

21.Take out 4PCS M4 * 6 screws from the accessory kit and use a Phillips screwdriver to install the house shield onto the light fixture. As shown in Figure 22.

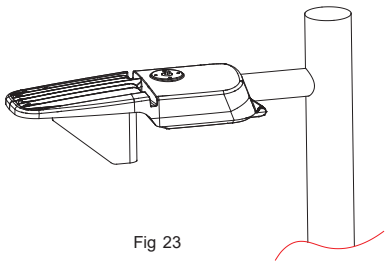


Fig 23

22.Installation completed. As shown in the figure22, the light behind of the pole is blocked.

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Applications

