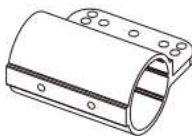
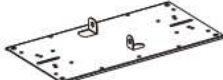
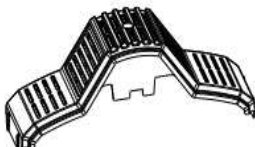
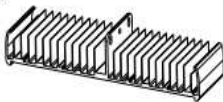




Streetlamp-120W
路灯 120w

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物料清单 Bill Of Materials

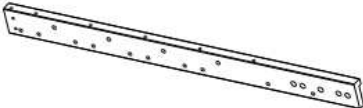
- | | | |
|-----|---|---|
| 1、 |  | 路灯上壳×1
Upper Housing of Street Light * 1 |
| 2、 |  | 路灯下壳×1
Lower Housing of Street Light * 1 |
| 3、 |  | 路灯上壳盖×1
Cover of Lower Housing * 1 |
| 4、 |  | 路灯灯臂×1
Arm of Street Light * 1 |
| 5、 |  | 电源固定板×1
Board for Retaining Driver * 1 |
| 6、 |  | 线盒上盖×1
Upper Cover of Cable Case * 1 |
| 7、 |  | 线盒密封圈×1
Waterproof Ring of Cable Case * 1 |
| 8、 |  | 输入线密封圈×1
Waterproof Ring of Input Cable * 1 |
| 9、 |  | 输出线密封圈×4
Waterproof Ring of Output Cable * 4 |
| 10、 |  | 模组上盖×4
Upper Cover of Moulds * 4 |
| 11、 |  | 散热器×4
Heatsink * 4 |
| 12、 |  | 透镜×4
Optic * 4 |
| 13、 |  | 透镜密封圈×4
Waterproof Ring of Optic * 4 |
| 14、 |  | 仿流明铝基板×4
Aluminum Plate for Lumiled Chip * 4 |



Streetlamp-120W
路灯 120w

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物料清单 Bill Of Materials

- | | | |
|-----|---|--|
| 15、 |  | LD120灯杆×1
Backbone of LD120 * 1 |
| 16、 |  | 路灯灯前壳×1
Front Housing of LED Light * 1 |
| 17、 |  | 铝基板电源线密封圈×4
Waterproof Ring for Power Cable of Aluminum * 4 |
| 18、 |  | 铝基板电源线密封圈压块×4
Waterproof Gasket for Power Cable of Aluminum * 4 |
| 19、 |  | M4×16机械牙螺丝×9
M4*16 Mechanical Teeth Screw * 9 |
| 20、 |  | M4×10机械牙螺丝×9
M4*10 Mechanical Teeth Screw * 9 |
| 21、 |  | M4机械牙螺丝C型弹簧垫×18
C Type Spring Pad of M4 Mechanical Teeth Screw * 16 |
| 22、 |  | M4机械牙螺丝O型钢垫×18
O Type Pad of M4 Mechanical Teeth Screw * 16 |
| 23、 |  | M4机械牙螺丝O型快发纸垫×8
O Type Paper Pad of M4 Mechanical Teeth Screw * 8 |
| 24、 |  | M6×16内六角机械牙螺丝×12
M6*16 Mechanical Teeth Socket Head Screw * 12 |
| 25、 |  | M6×12内六角机械牙螺丝×2
M6*12 Mechanical Teeth Socket Head Screw * 2 |
| 26、 |  | M6机械牙螺丝C型弹簧垫×10
C Type Spring Pad of M6 Mechanical Teeth Screw * 10 |
| 27、 |  | M6机械牙螺丝O型钢垫×14
O Type Pad of M6 Mechanical Teeth Screw * 14 |



Streetlamp-120W
路灯 120w

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物料清单 Bill Of Materials

28、		M6机械牙螺丝O型防滑钢垫×4 O Type Antiskid Pad of M6 Mechanical Teeth Screw * 4
29、		M6机械牙螺丝O型快发纸垫×4 O Type Paper Pad of M4 Mechanical Teeth Screw * 4
30、		φ4×15自攻牙螺丝×4 4*15 Snap closure tapping * 4
31、		M4机械牙螺母×4 Mechanical Tooth Nut * 4
32、		φ3×11自攻牙螺丝×8 3*11 Snap closure tapping * 8
33、		φ3×8自攻牙螺丝×80 3*8 Snap closure tapping * 80
34、		φ3×3.5C头自攻牙螺丝×40 3*3.5 C Head Snap closure tapping * 40
35、		M8×28机械牙螺丝×3 M8*28 Mechanical Teeth Screw * 3
36、		M8机械牙螺丝C型弹簧垫×3 C Type Spring Pad of M8 Mechanical Teeth Screw * 3
37、		M8机械牙螺丝O型钢垫×3 O Type Pad of M8 Mechanical Teeth Screw * 3
38、		M8×21内六角机械牙螺柱×2 M8*12 Mechanical Teeth Socket Head Screw * 2
39、		M8机械牙六角螺母×5 M8 Mechanical Tooth Hexagonal Nut * 5

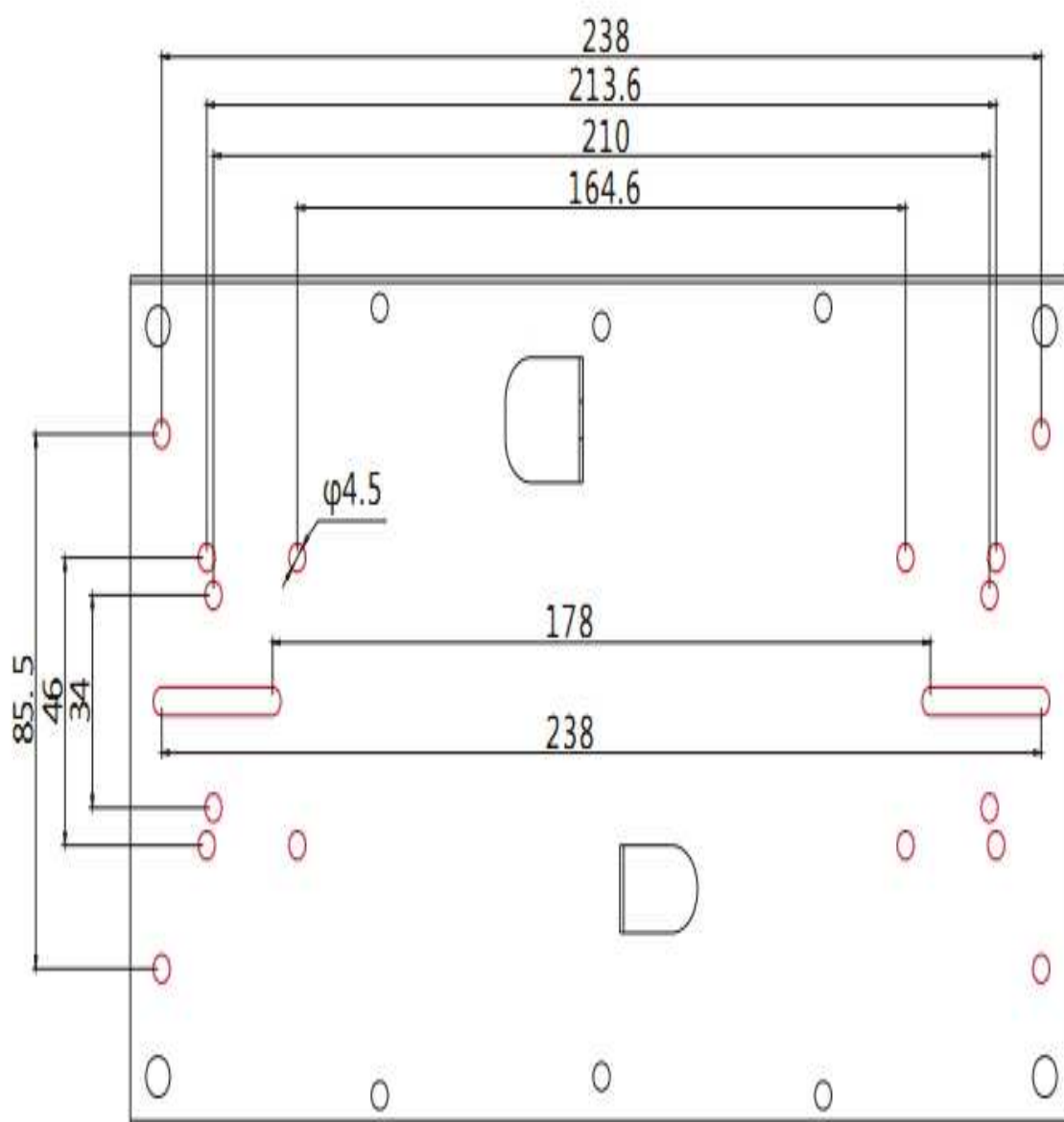


Streetlamp-120W
路灯 120w

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电源安装孔位 Hole Site of Assembling Driver

标注单位 mm



电源高度 $\leq 45\text{mm}$
Power Height:

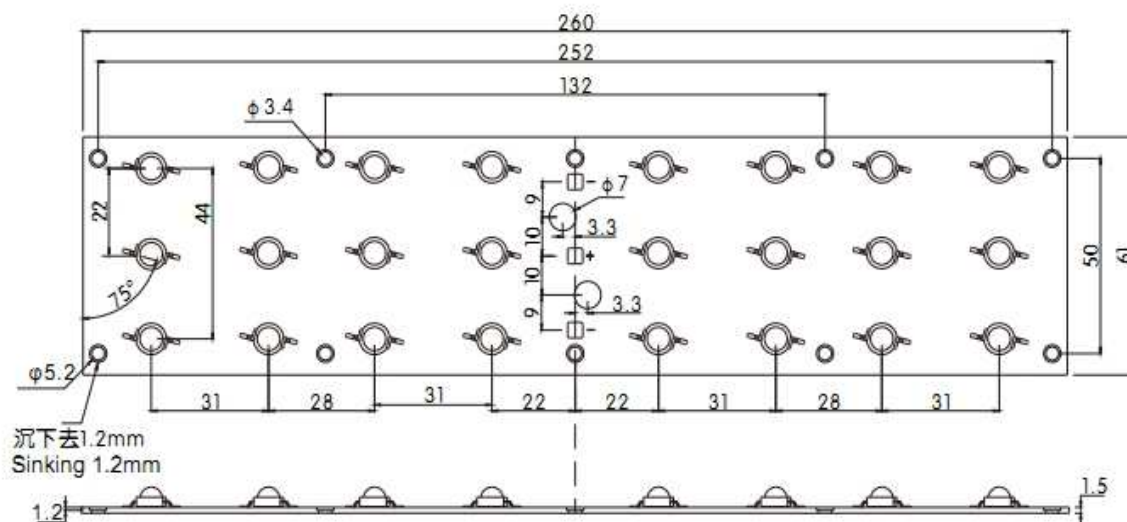


Streetlamp-120W
路灯 120w

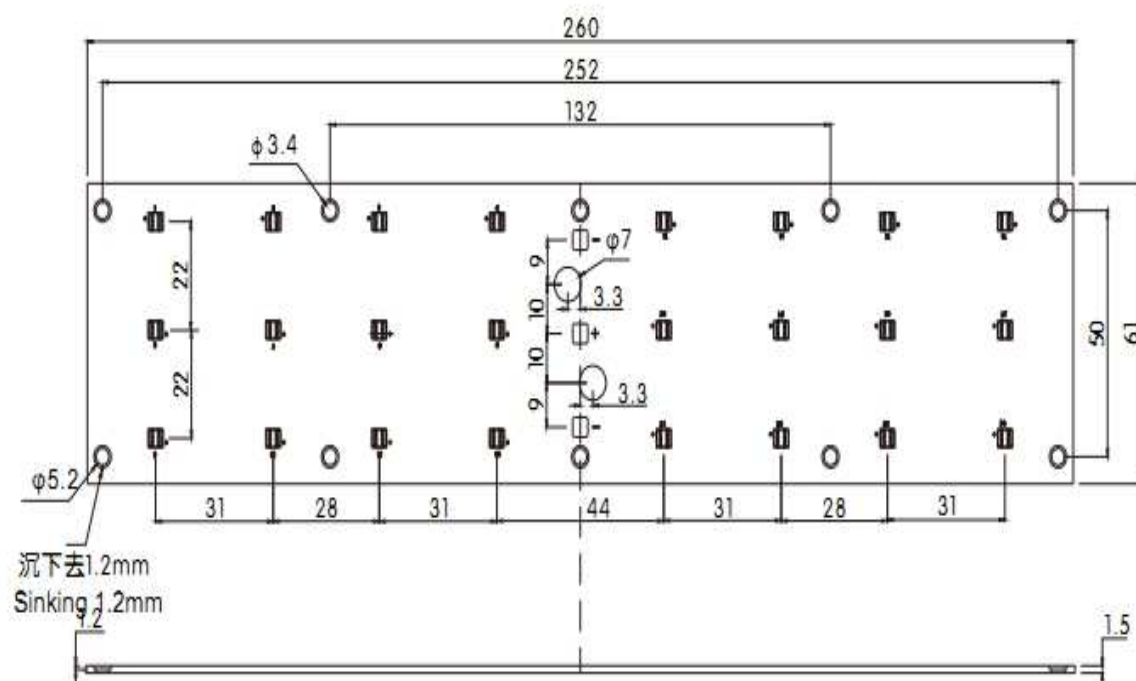
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铝基板 Aluminum Plate

标注单位 mm



仿流明灯珠铝基板图
Aluminum Plate for Lumiled LED Chip



CREE灯珠铝基板图
Aluminum Plate for CREE LED Chip



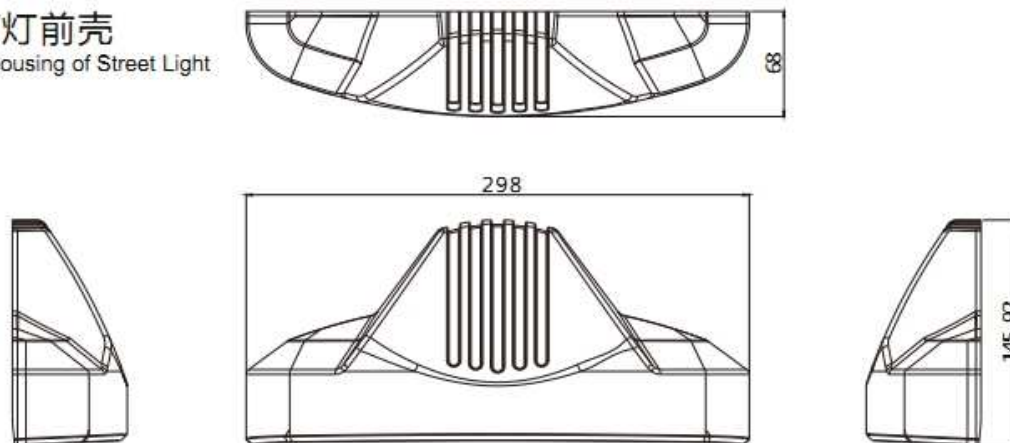
Streetlamp-120W
路灯120w

www.starlight-led.com

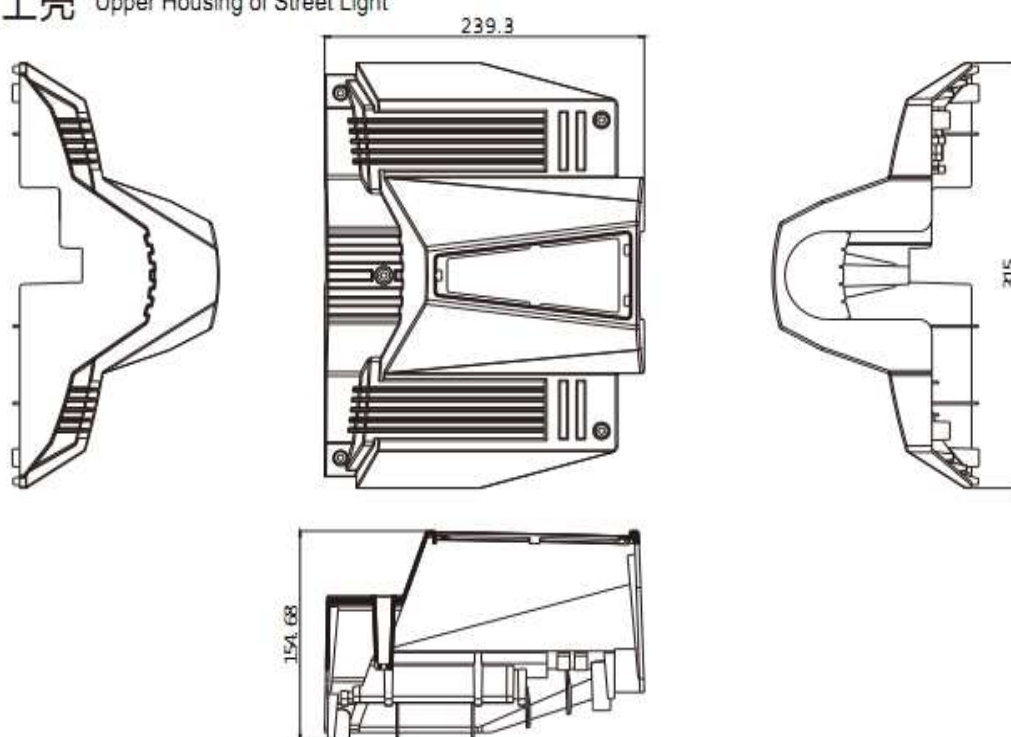
塑胶配件 Plastic Parts

标注单位 mm

路灯灯前壳
Front Housing of Street Light



路灯上壳 Upper Housing of Street Light



产品材质 ASA

Product Materials

防火等级 V0~V1

Fireproofing Grade

外观颜色 磨砂表面、铁灰色

Surface Color: S-NA, Iron Gray



Streetlamp-120W
路灯 120w

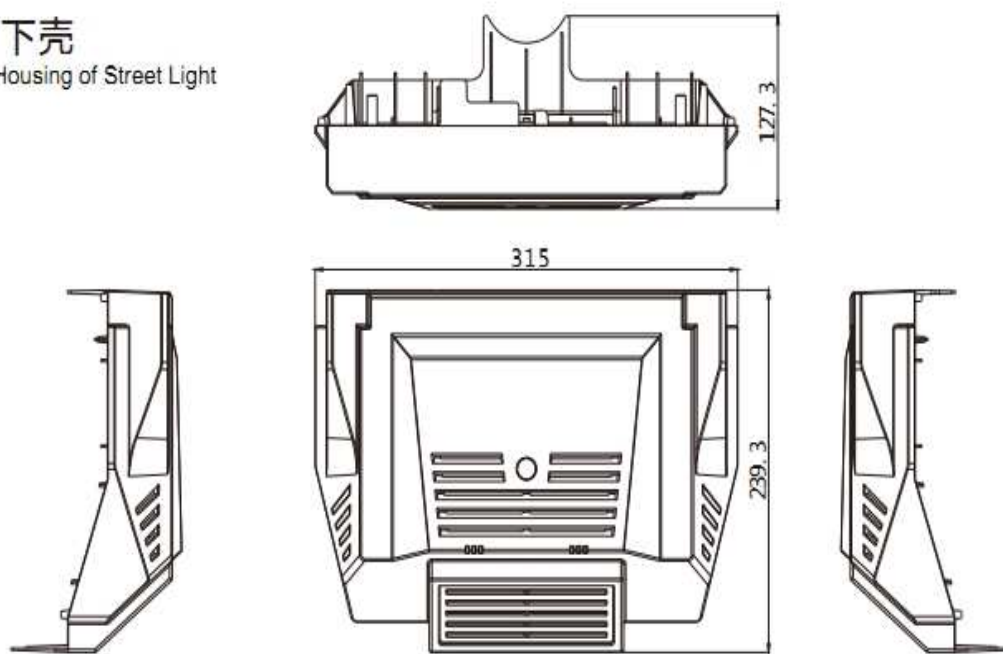
www.starlight-led.com

塑胶配件 Plastic Parts

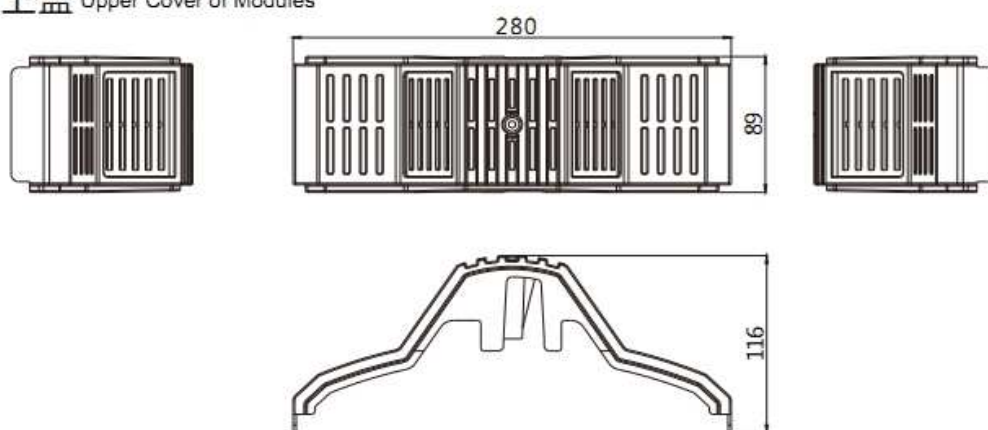
标注单位 mm

路灯下壳

Lower Housing of Street Light



模组上盖 Upper Cover of Modules



产品材质 ASA
Product Materials
防火等级 V0~V1
Fireproofing Grade
外观颜色 磨砂表面、铁灰色
Surface Color: S-NA, Iron Gray



Streetlamp-120W
路灯 120w

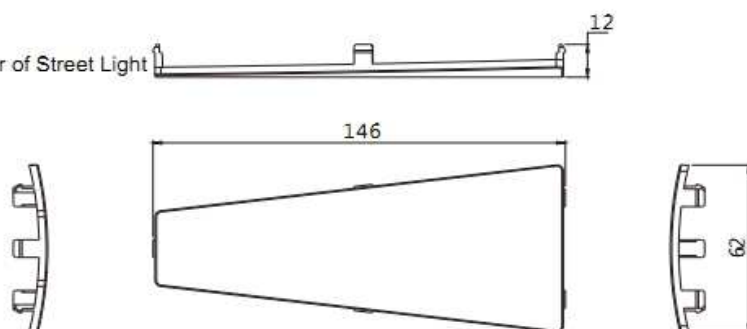
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塑胶配件 Plastic Parts

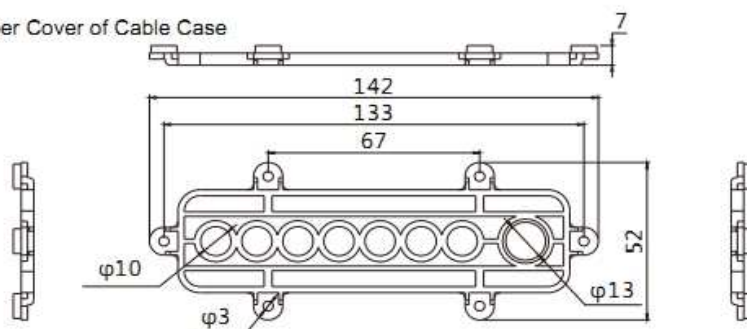
标注单位 mm

路灯上壳盖

Upper Housing Cover of Street Light

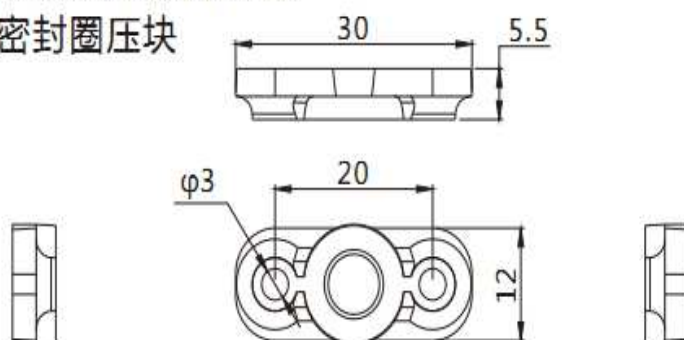


线盒上盖 Upper Cover of Cable Case



Waterproof Gasket for Power Cable of Aluminum Plate

铝基板电源线密封圈压块



产品材质 ASA

Product Materials

防火等级 V0~V1

Fireproofing Grade

外观颜色 磨砂表面、铁灰色

Surface Color: S-NA, Iron Gray

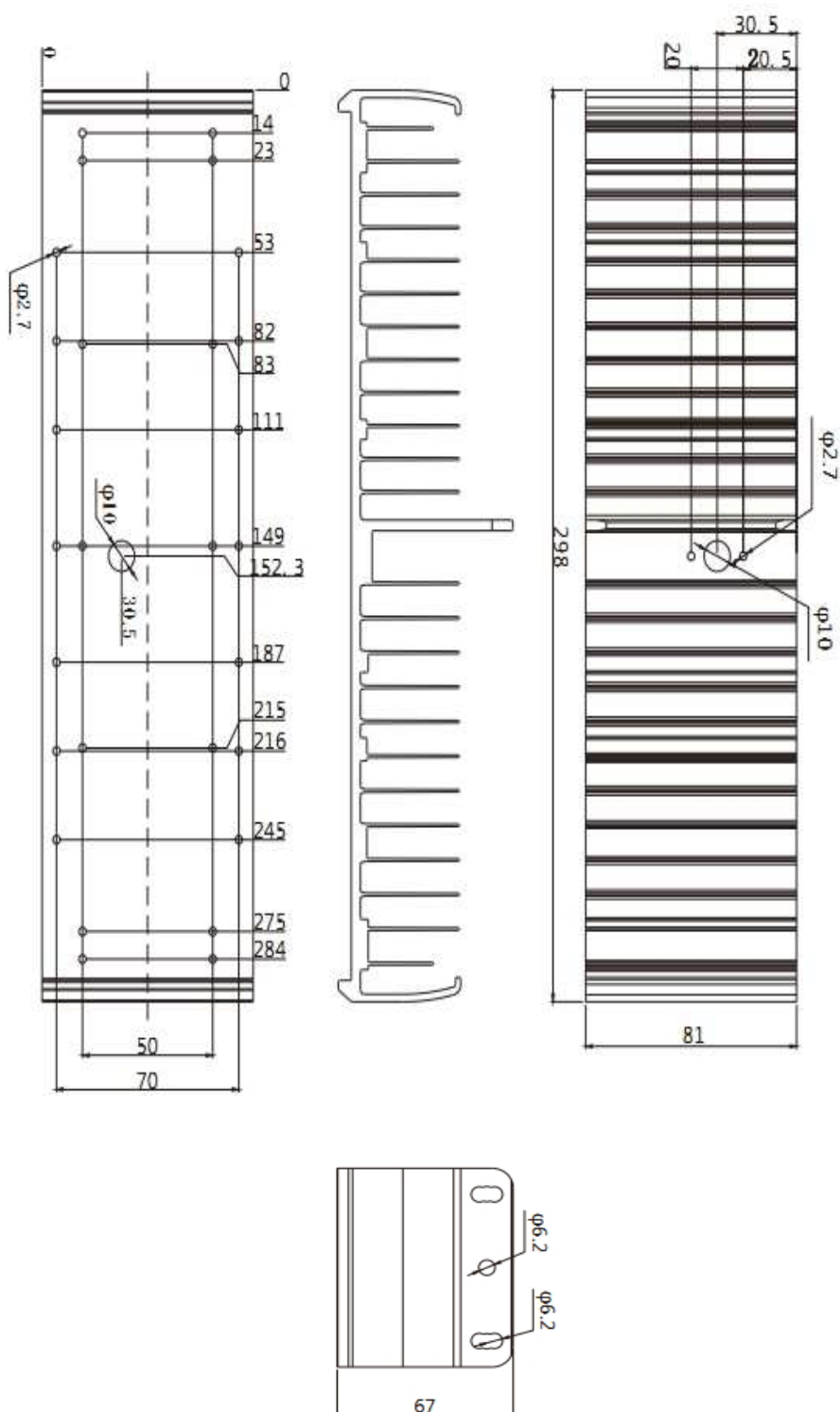


Streetlamp-120W
路灯 120w

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散热器 Heatsink

标注单位 mm





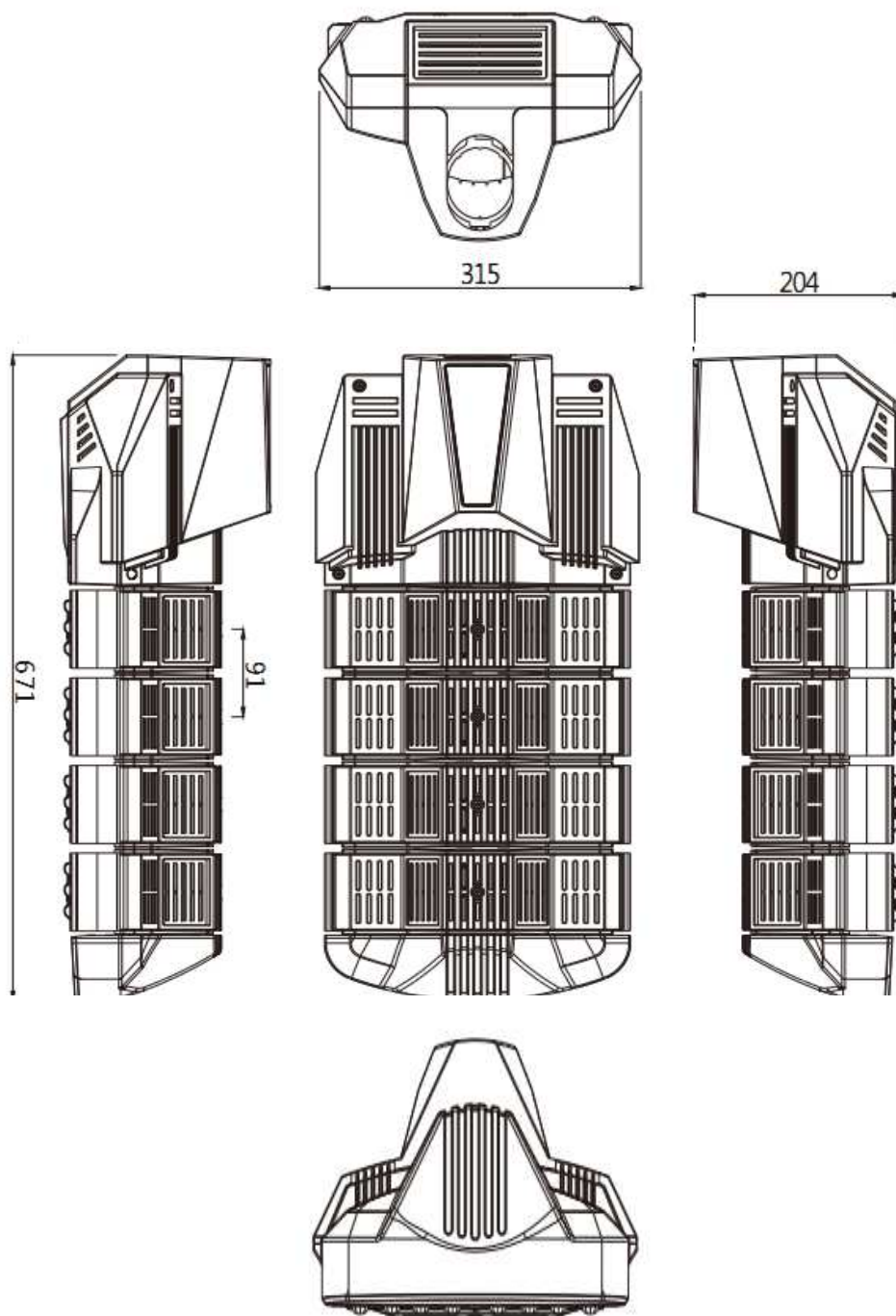
Streetlamp-120W
路灯120w

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成品图 End Product Picture

标注单位 mm

注 产品单重5800g±5% 不含光源电源
Note: net weight 5800g±5% (without driver)





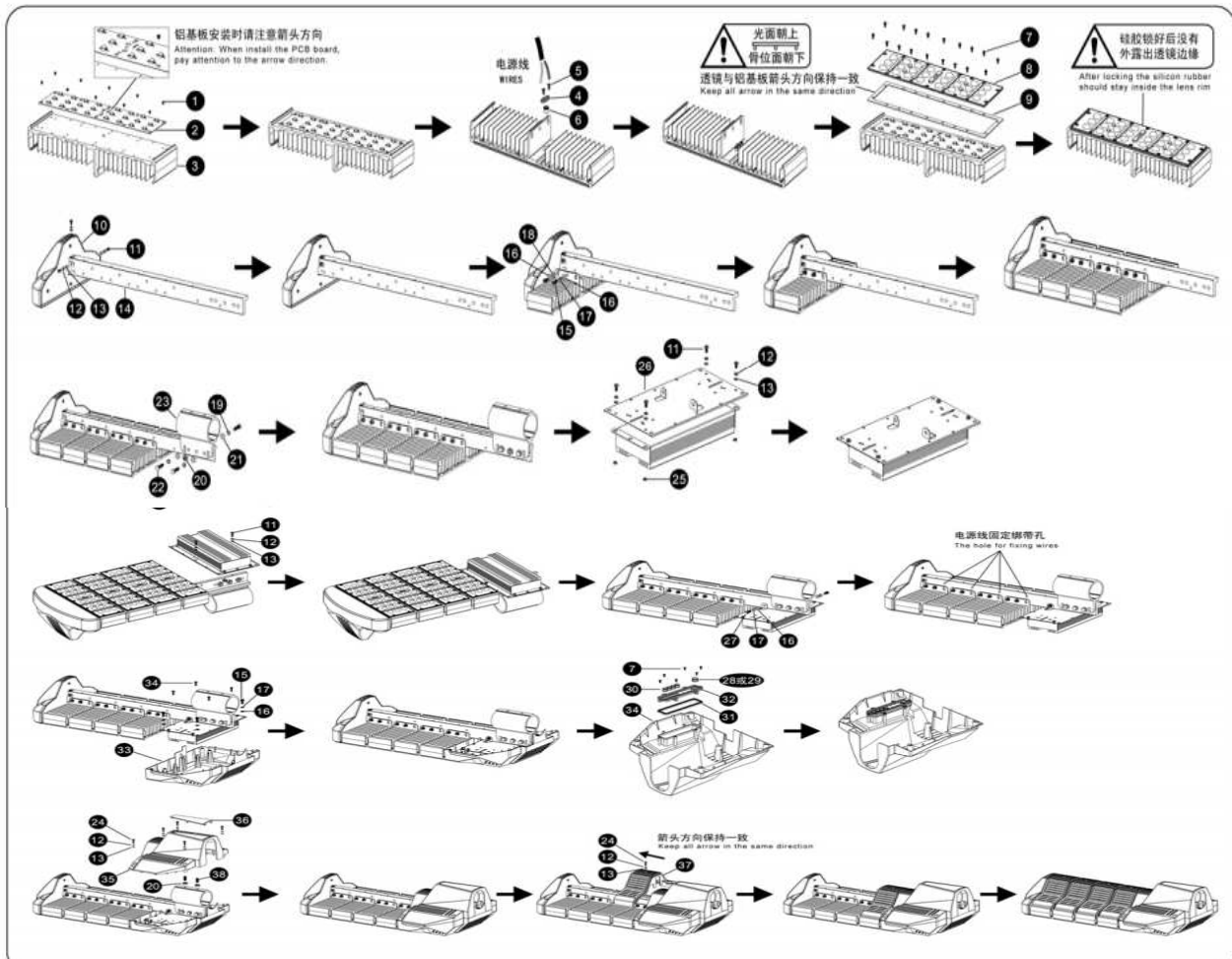
Streetlamp-120W
路灯 120w

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Installation Instruction in Production Line

安装使用说明书 INSTALLATION INSTRUCTIONS

适用于产品型号 (COMPATIBLE MODEL NO.): LD80/LD90/LD120/LD150/LD190/LD220





Streetlamp-120W
路灯 120w

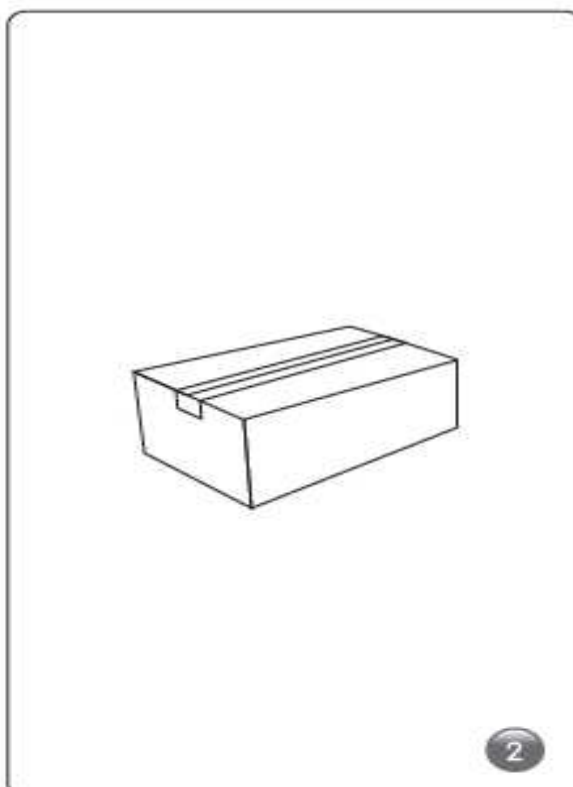
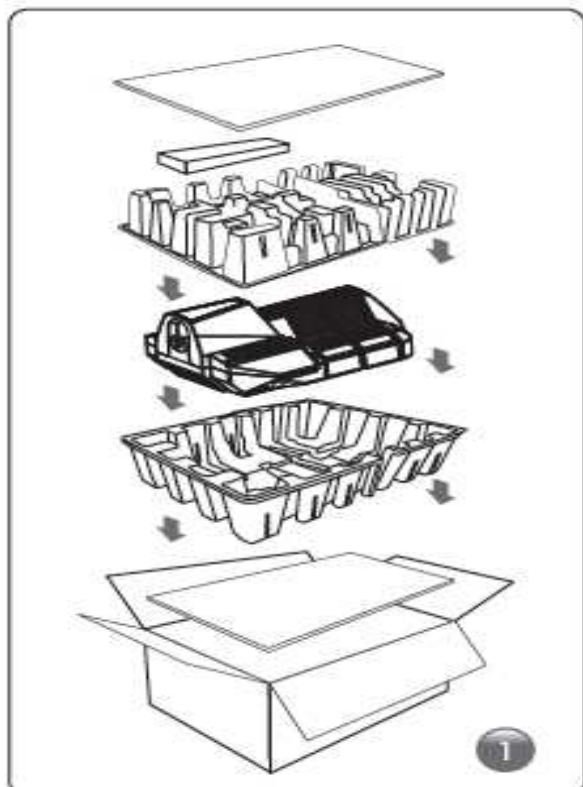
www.starlight-led.com

产品包装 Packing info



Details 详细包装

- | | |
|-----------------------|--------------------------------|
| 1> Quantity
数量 | 1pcs streetlamp/Carton
每箱1个 |
| 2> Gross weight
毛重 | 9.8kg±5% |
| 3> Dimension
包装箱尺寸 | 76.5cm*39cm*27.5cm |



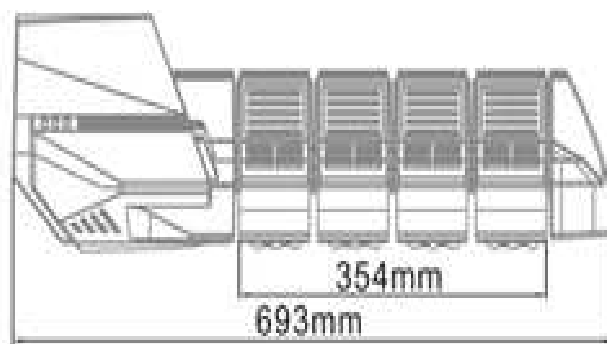
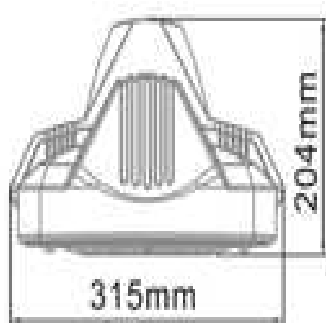


Streetlamp-120W
路灯 120w

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成品信息 Specification of Streetlamp 120W

Item No.	SL-Streetlamp-120W		CRI: >80%
Dimension	L:693mm*W:315mm*H:204mm		Power Factor >0.92
LED Brand	Cree		Beam Angle 130-150degree
Driver Brand	Meanwell		Input Voltage AC85-265V or AC277-300V
LED Qty	96pcs		AC85-265V include the AC110V or AC220V
Watts	120W		Waterproof Level IP65
Color Temperature	Warm White 2700-3200k	9600Lum-10000Lum	
	Natural White 4000-4500k	10000Lum-11000Lum	
	Cool White 6000-6500k	10000Lum-12000Lum	





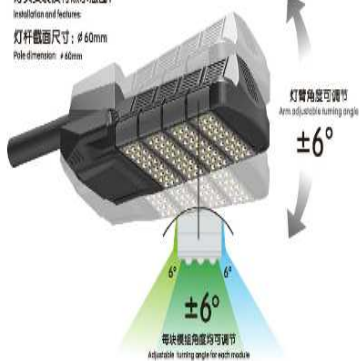
Streetlamp-120W
路灯 120w

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测试报告 Testing Report No.1

灯头安装及特点示意图:

Installation and features:
灯杆截面尺寸: $\phi 60\text{mm}$
Pole dimension: $\phi 60\text{mm}$



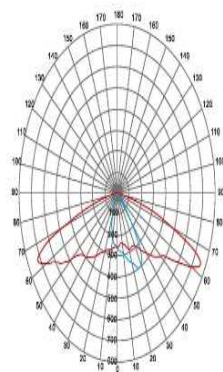
模组可单独拆卸更换

Module replacement:
每个模组都可单独更换, 节约成本, 轻松方便安装
Each module can be replaced separately and easy for installation it's cost efficiency

双调节角度转动功能

Dual adjustable turning function:
每个模组角度均可调节 $\pm 6^\circ$
Adjustable turning angle for each module is $\pm 6^\circ$

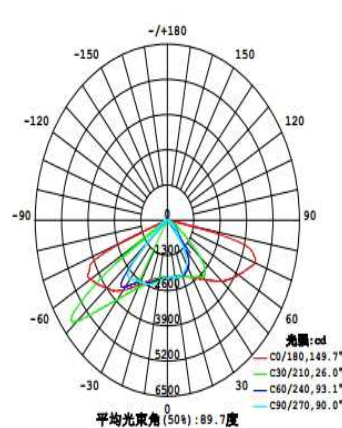
灯臂角度可调节 $\pm 6^\circ$
Arm adjustable turning angle is $\pm 6^\circ$



路灯曲线图
illumination angle curve

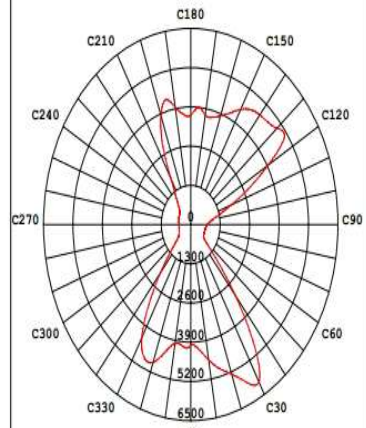
光源数据		光度数据			光效: 87.14 lm/W
型号	LD120-120W	峰值光强 (cd)	6024	η 路边向上 (%)	0.2
标称功率 (W)	120	灯具效率 (%)	100.0	η 路边向下 (%)	57.8
额定电源电压 (V)	220	灯具总光通量 (lm)	10474	η 屋顶向上 (%)	0.3
额定光通量 (lm)	10473.7	峰值光强位置 (C, γ)	30°, 52.0°	η 屋顶向下 (%)	41.6
灯具内光源数 (只)	1	上射光通比 (%)	0.6	76° 闪亮面积 (m2)	0.00100
实测电源电压 (V)	219.9	下射光通比 (%)	99.4	不舒适眩光 SLI	17.022

子午面配光曲线

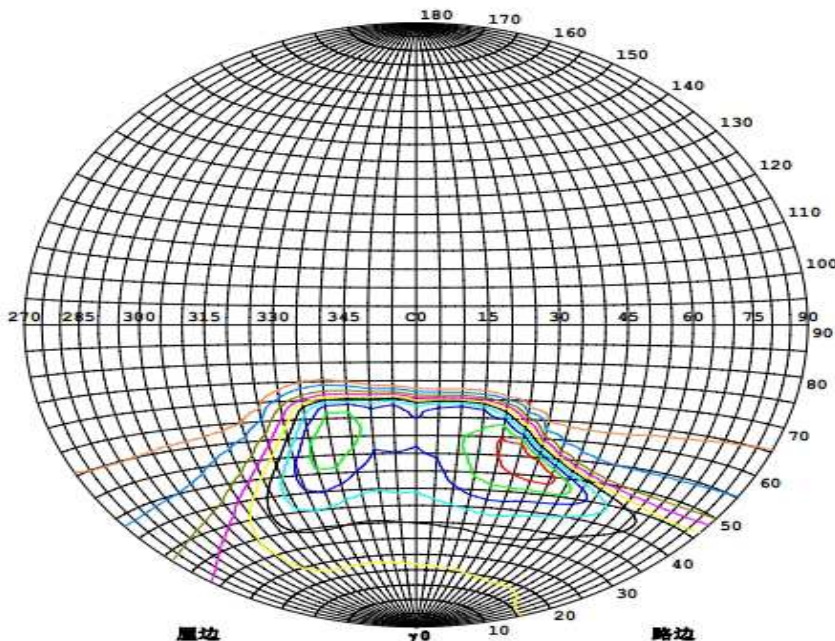


平均光束角 (50%): 89.7度

最大光强处圆锥面光强分布曲线



星边 最大值位置 $\gamma = 52.0^\circ$ 路边



路灯分类:

IES: III类 - 短
CIE: 平均扩展 - 短投射
IES: 半截止
CIE: 非截光型
Max. At80: 145.8cd/klm
Max. At90: 10.04cd/klm
Max. 80-90: 145.8cd/klm
NRB 5101: Non limited [46.3%]

等光强图 (圆形图)

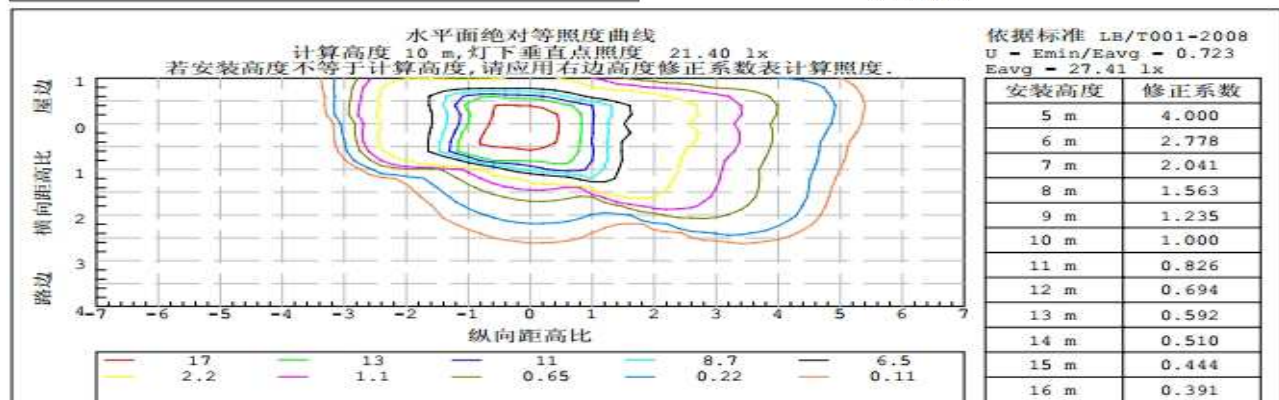
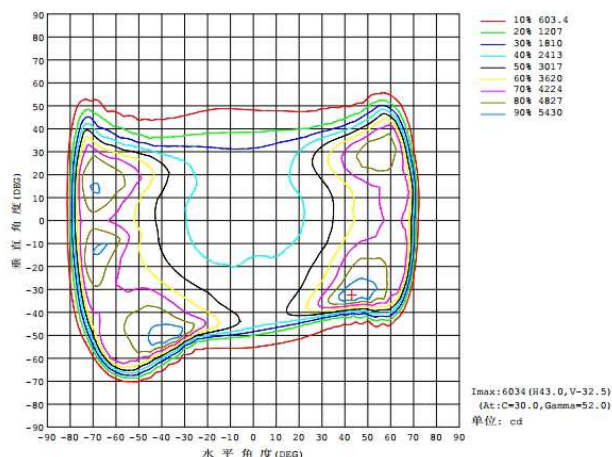
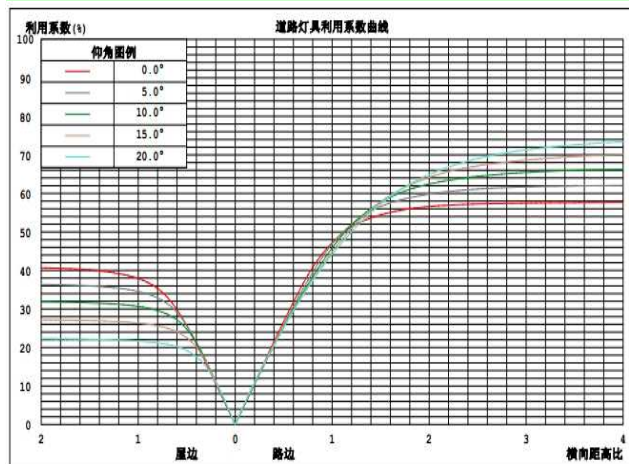
光强单位	cd
Imax=100%	6024
90%	5422
80%	4819
70%	4217
60%	3614
50%	3012
40%	2410
30%	1807
20%	1205
10%	602
5%	301



Streetlamp-120W
路灯 120w

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测试报告 Testing Report No.2



Y	C0	C45	C90	C135	C180	C225	C270	C315	Y(°)	Φ环	Φ总	Φlum,lm
5	2127	2147	2180	2162	2156	2127	2125	2122	0- 5	51.19	51.19	0.49,0.49
10	2165	2181	2269	2154	2127	2125	2154	2144	5- 10	193.9	205.1	1.96,1.96
15	2235	2290	2403	2160	2120	2161	2182	2219	10- 15	259.9	465.0	4.44,4.44
20	2355	2450	2513	2259	2181	2198	2146	2334	15- 20	372.3	837.3	7.99,7.99
25	2523	2614	2584	2412	2296	2228	2048	2463	20- 25	490.9	1328	12.7,12.7
30	2736	2829	2637	2618	2442	2235	1897	2642	25- 30	617.0	1945	18.6,18.6
35	3033	3113	2706	2870	2630	2221	1558	2875	30- 35	751.8	2697	25.8,25.8
40	3367	3615	2831	3233	2868	1962	1067	2931	35- 40	893.3	3590	34.3,34.3
45	3695	4456	2701	3778	3154	1411	708.2	2541	40- 45	1038	4629	44.2,44.2
50	3904	3059	1227	4510	3496	843.6	563.4	1603	45- 50	1124	5753	54.9,54.9
55	4145	630.5	610.4	5382	3780	577.8	448.2	838.0	50- 55	1074	6827	65.2,65.2
60	4381	440.6	469.3	5894	4039	480.7	316.2	511.1	55- 60	1020	7847	74.9,74.9
65	4205	232.4	312.3	4289	4307	331.8	226.3	222.5	60- 65	937.9	8785	83.9,83.9
70	2161	152.5	225.6	1560	4580	197.0	155.0	125.3	65- 70	795.8	9581	91.5,91.5
75	116.2	104.5	147.7	222.1	4263	128.5	94.23	77.09	70- 75	498.2	10079	96.2,96.2
80	61.28	71.56	114.8	114.1	1257	84.97	79.91	41.79	75- 80	262.2	10341	98.7,98.7
85	14.70	26.78	53.60	69.13	113.1	41.02	32.53	10.62	80- 85	53.22	10394	99.2,99.2
90	8.119	3.212	14.55	30.66	53.56	9.486	0.6827	4.990	85- 90	20.33	10415	99.4,99.4
95	9.557	1.040	1.410	5.668	10.14	1.555	0.8702	6.969	90- 95	5.696	10420	99.5,99.5
100	11.80	1.303	0.7832	3.752	8.568	2.514	1.192	8.786	95-100	2.495	10423	99.5,99.5
105	12.93	1.830	1.063	4.839	10.32	4.435	1.900	10.48	100-105	2.932	10426	99.5,99.5
110	13.97	2.647	1.394	6.116	11.96	6.720	3.206	11.75	105-110	3.499	10429	99.6,99.6
115	14.90	3.668	2.022	7.337	12.69	8.858	4.925	12.67	110-115	3.990	10433	99.6,99.6
120	15.58	4.792	2.761	8.415	14.05	10.37	6.858	13.64	115-120	4.369	10438	99.7,99.7
125	15.90	5.885	3.602	9.489	14.77	11.36	8.200	14.49	120-125	4.622	10442	99.7,99.7
130	15.62	6.896	4.743	10.08	15.33	12.26	9.695	15.08	125-130	4.704	10447	99.7,99.7
135	14.63	7.774	6.185	10.05	15.38	12.71	11.15	15.10	130-135	4.587	10452	99.8,99.8
140	13.72	8.583	7.291	9.746	14.93	12.92	12.41	14.68	135-140	4.300	10456	99.8,99.8
145	13.02	9.412	8.174	9.601	14.27	12.57	13.03	14.18	140-145	3.917	10460	99.9,99.9
150	12.65	10.10	9.189	9.890	13.75	12.52	13.17	13.89	145-150	3.486	10463	99.9,99.9
155	12.41	10.66	9.820	10.60	13.52	13.23	13.21	13.58	150-155	3.042	10466	99.9,99.9
160	12.32	11.14	10.32	11.24	13.36	13.52	13.48	13.10	155-160	2.564	10469	100,100
165	12.32	11.59	11.01	11.67	13.15	13.19	13.42	12.83	160-165	2.037	10471	100,100
170	12.46	11.91	11.65	11.95	13.04	12.83	13.23	12.78	165-170	1.475	10472	100,100
175	12.76	12.30	12.29	12.36	13.04	12.61	12.90	12.69	170-175	0.8979	10473	100,100
180	12.87	12.42	12.52	12.48	12.90	12.42	12.54	12.51	175-180	0.3008	10474	100,100

单位:° 光通:cd 单位:lm



Streetlamp-120W
路灯 120w

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路灯安装示意图 Installation Instruction to Telegraph Pole

Pole Dimesion 60mm

