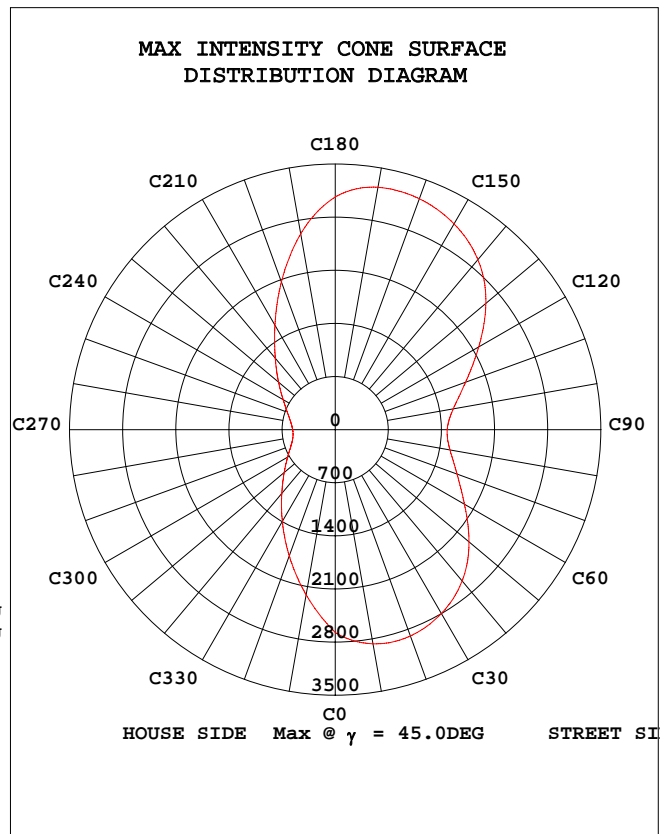
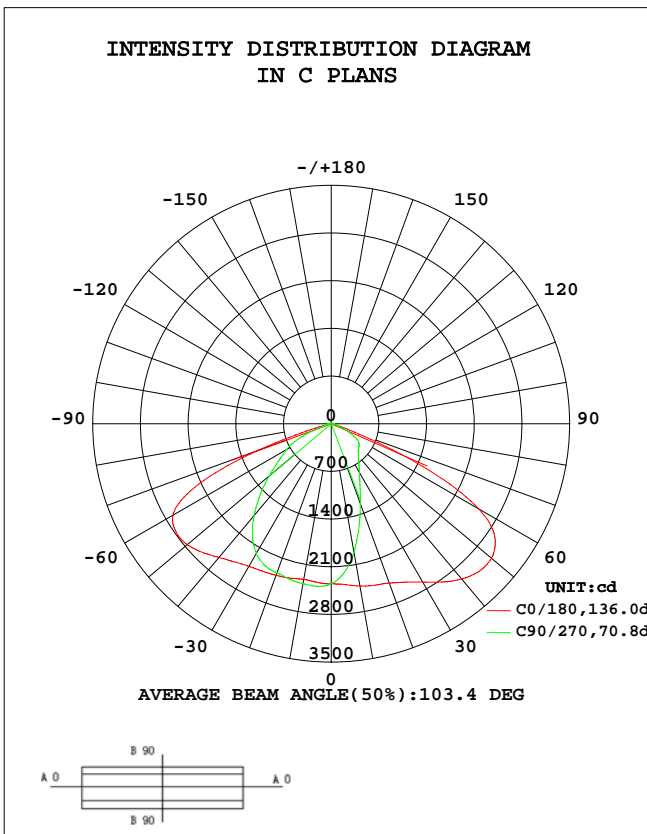


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.18 lm/W			
MODEL	飞利浦3030 6000K	I <sub>max</sub> (cd)	3254	η street_up(%)	0.3
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	63.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7090	η house_up(%)	0.4
NOMINAL FLUX(lm)	7089.74	MAXIMUM @(C,γ )	165,45.0	η house_down(%)	36.1
LAMPS INSIDE	1	η up(%)	0.7	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.4	η down(%)	99.3	SLI	16.664



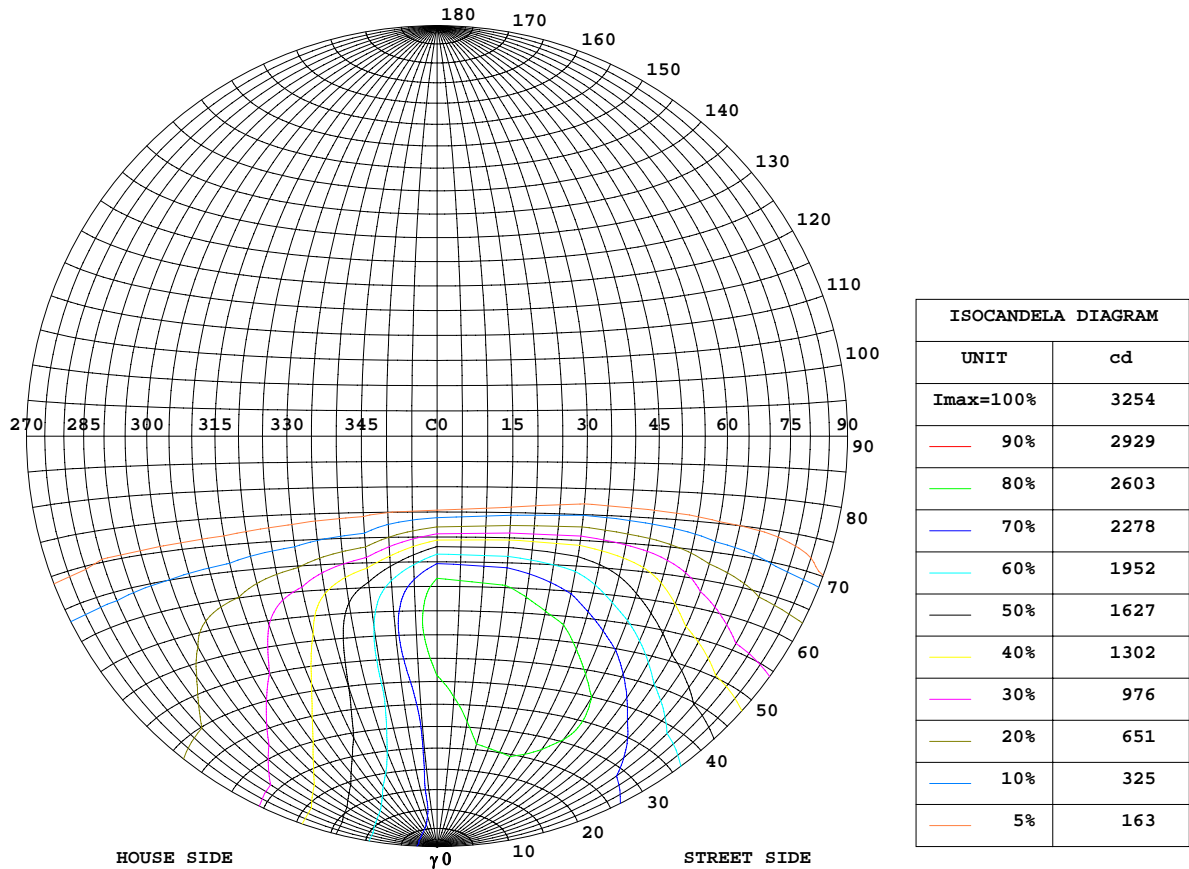
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 54合1

Note: SLI:Specific Luminaire Index

**STREETLIGHT ISOCANDELA DIAGRAM**

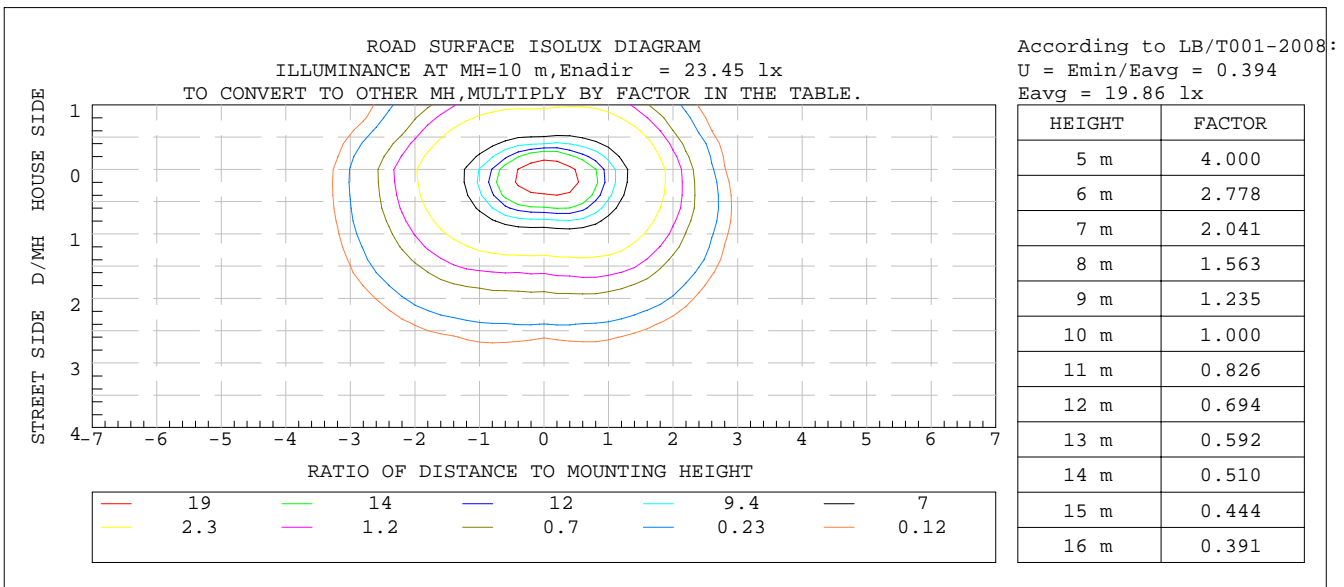
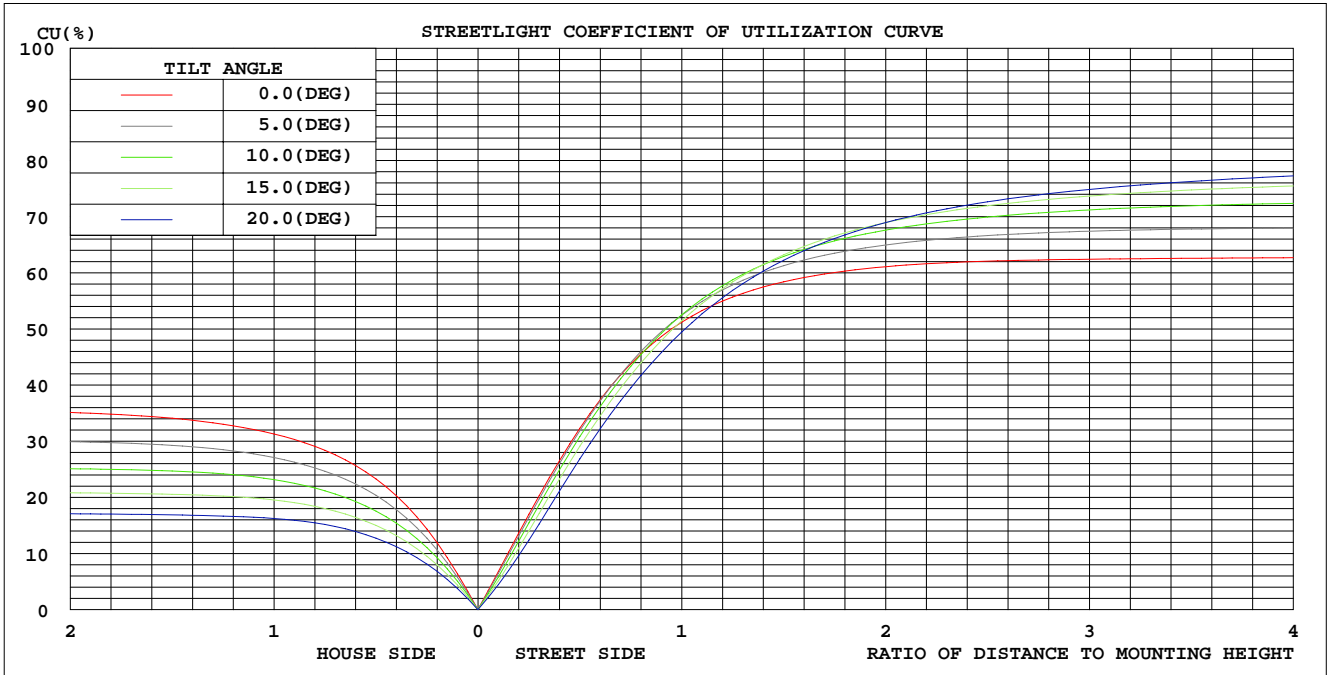
Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 54合1

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2017-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
Humidity: 65.0%  
Test Distance: 8.000m [K=1.000]  
Remarks: 54合1

ZONAL FLUX DIAGRAM

Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

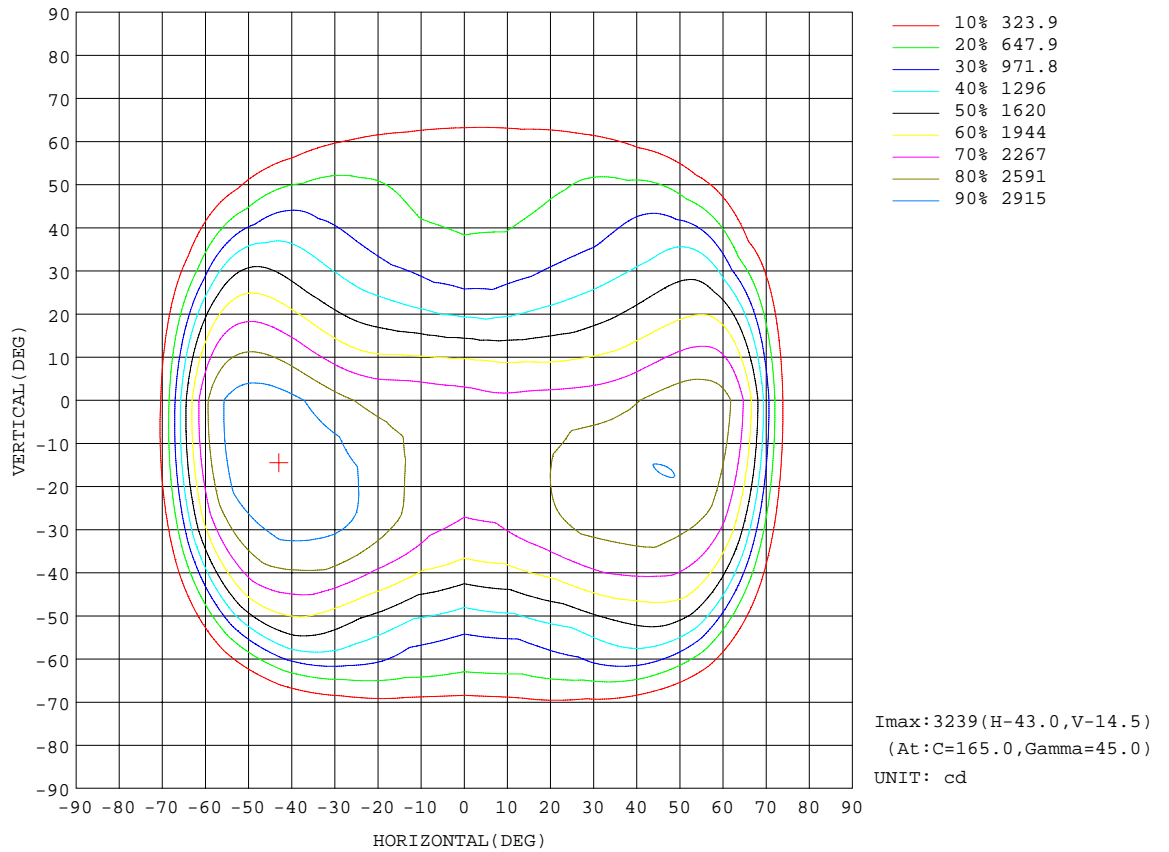
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
5	2339	2387	2396	2407	2372	2255	2193	2235	0- 5	55.87	55.87	0.79
10	2320	2393	2385	2459	2418	2107	1919	2049	5- 10	163.6	219.5	3.1
15	2347	2421	2362	2528	2455	1904	1575	1819	10- 15	262.6	482.1	6.8
20	2368	2480	2331	2609	2490	1691	1250	1602	15- 20	352.0	834.1	11.8
25	2389	2544	2301	2710	2567	1519	1002	1430	20- 25	435.1	1269	17.9
30	2418	2590	2197	2820	2684	1379	831.0	1297	25- 30	515.7	1785	25.2
35	2476	2631	2019	2897	2836	1268	708.9	1178	30- 35	591.0	2376	33.5
40	2563	2596	1767	2887	2975	1176	620.1	1071	35- 40	656.0	3032	42.8
45	2673	2463	1475	2776	3066	1093	561.9	978.2	40- 45	704.4	3736	52.7
50	2761	2257	1188	2556	3070	1010	529.2	903.8	45- 50	731.4	4468	63
55	2777	1985	935.6	2261	2936	881.4	496.9	820.8	50- 55	730.3	5198	73.3
60	2684	1672	756.8	1916	2499	617.0	413.4	656.9	55- 60	685.6	5884	83
65	2213	1357	542.0	1427	1476	307.1	273.1	402.7	60- 65	565.5	6449	91
70	1132	819.1	170.7	648.9	363.9	143.0	120.7	200.5	65- 70	349.4	6799	95.9
75	189.7	238.6	103.0	177.3	79.89	91.67	95.70	113.9	70- 75	137.6	6936	97.8
80	60.76	94.90	70.13	76.18	41.74	61.28	71.81	74.89	75- 80	55.19	6992	98.6
85	33.78	43.00	46.95	36.51	24.60	32.60	32.83	40.68	80- 85	33.98	7026	99.1
90	19.55	22.68	0.6443	20.00	14.63	15.04	7.459	20.09	85- 90	16.96	7042	99.3
95	13.38	3.227	0.8479	1.483	5.232	2.010	0.9346	4.109	90- 95	5.645	7048	99.4
100	4.229	1.651	1.166	1.877	3.353	2.731	1.412	2.551	95-100	1.452	7050	99.4
105	5.946	2.362	1.553	2.584	4.818	3.963	2.076	3.818	100-105	1.531	7051	99.5
110	7.739	3.183	1.993	3.377	6.359	5.251	2.932	5.276	105-110	2.067	7053	99.5
115	9.426	4.043	2.471	4.189	7.708	6.513	3.995	6.739	110-115	2.581	7056	99.5
120	10.76	4.892	3.005	5.026	8.705	7.814	5.234	8.165	115-120	3.019	7059	99.6
125	11.70	5.721	3.604	5.819	9.492	8.976	6.583	9.546	120-125	3.346	7062	99.6
130	12.38	6.558	4.272	6.571	10.20	9.870	7.957	10.77	125-130	3.557	7066	99.7
135	12.76	7.384	4.986	7.173	10.64	10.48	9.231	11.79	130-135	3.630	7069	99.7
140	12.82	8.185	5.851	7.630	11.08	11.06	10.43	12.66	135-140	3.569	7073	99.8
145	12.70	8.929	6.813	8.195	11.56	11.29	11.52	13.37	140-145	3.429	7076	99.8
150	12.65	9.697	7.926	8.897	11.78	11.78	12.32	13.83	145-150	3.199	7079	99.9
155	12.47	10.45	9.087	9.690	11.89	12.27	12.97	14.15	150-155	2.883	7082	99.9
160	12.50	11.21	10.26	10.51	12.10	12.92	13.56	14.37	155-160	2.501	7085	99.9
165	12.62	11.91	11.32	11.25	12.41	13.38	14.09	14.50	160-165	2.057	7087	100
170	12.80	12.60	12.34	12.05	12.77	13.55	14.51	14.53	165-170	1.536	7088	100
175	13.06	13.08	13.04	12.75	13.12	13.53	14.30	14.36	170-175	0.9515	7089	100
180	13.33	13.44	13.68	13.50	13.41	13.45	13.89	13.78	175-180	0.3222	7090	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 54合1

ISOCANDELA DIAGRAM

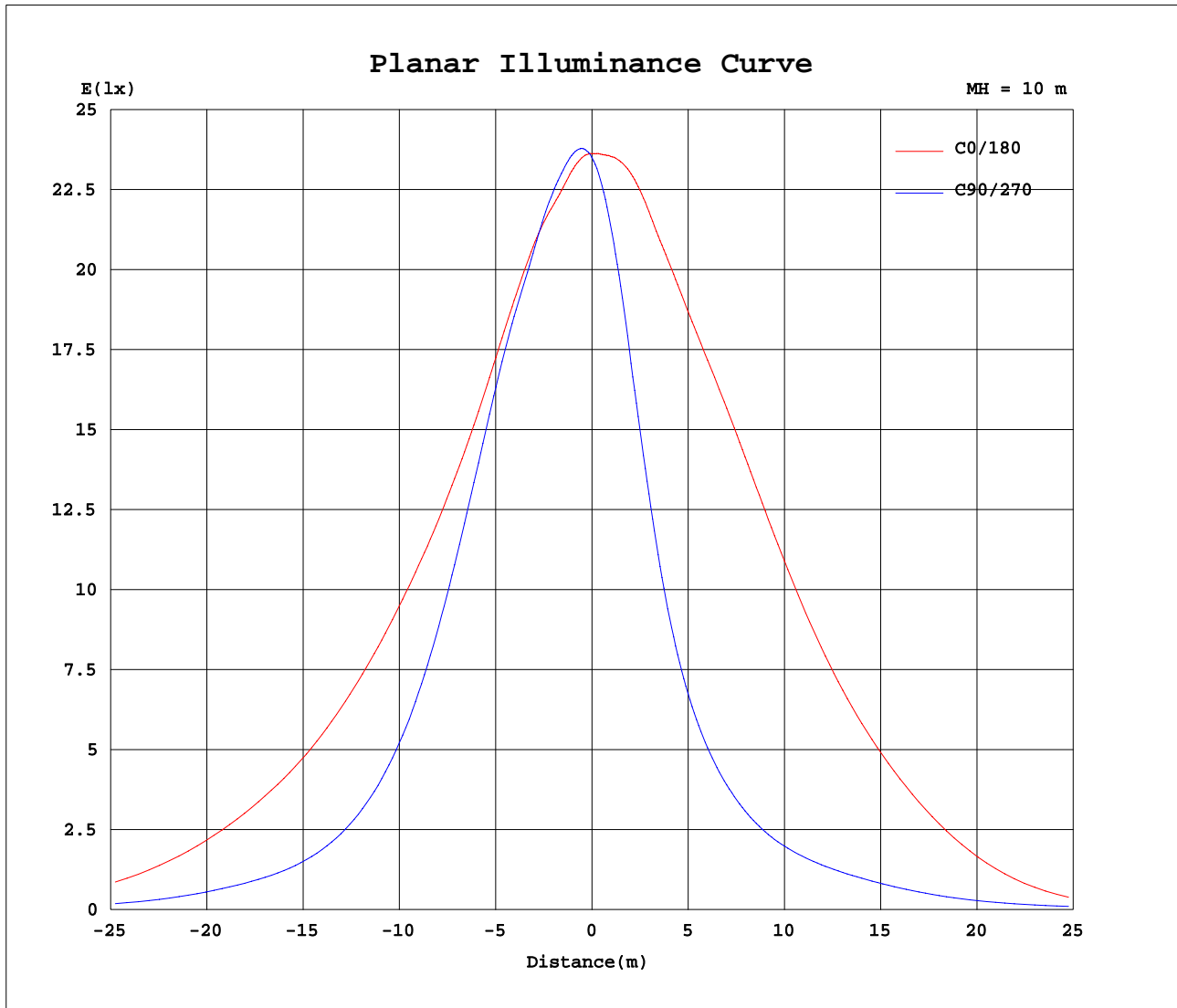
Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks: 54合1

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks: 54合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351
5	2339	2362	2376	2387	2391	2396	2396	2403	2405	2407	2403	2391	2372	2334	2296	2255	2226	2199	2193
10	2320	2370	2390	2393	2383	2384	2385	2403	2424	2459	2478	2466	2418	2324	2217	2107	2015	1941	1919
15	2347	2426	2444	2421	2385	2366	2362	2395	2456	2528	2573	2547	2455	2288	2107	1904	1736	1619	1575
20	2368	2491	2515	2480	2401	2341	2331	2385	2493	2609	2672	2631	2490	2232	1955	1691	1491	1323	1250
25	2389	2568	2606	2544	2433	2321	2301	2379	2547	2710	2812	2767	2567	2206	1807	1519	1279	1087	1002
30	2418	2652	2701	2590	2433	2252	2197	2320	2595	2820	2960	2927	2684	2217	1716	1379	1108	913	831
35	2476	2738	2772	2631	2349	2109	2019	2191	2544	2897	3086	3084	2836	2263	1671	1268	973	784	709
40	2563	2828	2814	2596	2192	1890	1767	1973	2406	2887	3161	3213	2975	2323	1639	1176	867	689	620
45	2673	2898	2797	2463	1966	1612	1475	1688	2182	2776	3132	3254	3066	2346	1590	1093	794	630	562
50	2761	2913	2705	2257	1692	1319	1188	1391	1898	2556	2997	3200	3070	2303	1511	1010	741	591	529
55	2777	2832	2519	1985	1384	1036	936	1115	1592	2261	2749	3014	2936	2133	1344	881	661	538	497
60	2684	2627	2242	1672	1111	816	757	906	1317	1916	2361	2602	2499	1667	961	617	490	425	413
65	2213	2138	1846	1357	865	611	542	655	959	1427	1715	1788	1476	811	444	307	270	261	273
70	1132	1194	1141	819	462	314	171	306	422	649	745	634	364	217	168	143	144	151	121
75	190	259	309	239	170	148	103	157	163	177	152	102	79.9	107	97.4	91.7	97.4	92.4	95.7
80	60.8	82.4	90.2	94.9	134	116	70.1	125	138	76.2	70.6	58.2	41.7	61.1	58.3	61.3	67.3	63.8	71.8
85	33.8	42.1	46.7	43.0	79.4	94.2	47.0	91.6	74.3	36.5	36.1	32.7	24.6	32.6	30.1	32.6	34.7	35.8	32.8
90	19.5	22.5	21.8	22.7	28.5	38.4	0.64	33.6	24.2	20.0	19.3	19.3	14.6	17.8	17.1	15.0	12.4	10.7	7.46
95	13.4	10.7	7.43	3.23	1.80	2.90	0.85	1.96	1.09	1.48	3.65	6.61	5.23	5.92	4.13	2.01	1.30	1.01	0.93
100	4.23	3.36	2.34	1.65	1.35	1.20	1.17	1.25	1.47	1.88	2.80	4.06	3.35	3.59	3.31	2.73	2.00	1.53	1.41
105	5.95	4.79	3.39	2.36	1.88	1.60	1.55	1.64	1.97	2.58	3.85	5.46	4.82	5.23	4.85	3.96	2.96	2.27	2.08
110	7.74	6.29	4.54	3.18	2.47	2.06	1.99	2.06	2.54	3.38	4.97	6.90	6.36	6.88	6.39	5.25	4.05	3.18	2.93
115	9.43	7.76	5.70	4.04	3.10	2.59	2.47	2.56	3.15	4.19	6.07	8.24	7.71	8.30	7.77	6.51	5.26	4.25	3.99
120	10.8	8.96	6.74	4.89	3.78	3.16	3.00	3.13	3.78	5.03	7.07	9.31	8.71	9.45	8.96	7.81	6.57	5.52	5.23
125	11.7	9.88	7.66	5.72	4.47	3.81	3.60	3.76	4.41	5.82	7.96	10.1	9.49	10.3	10.0	8.98	7.81	6.88	6.58
130	12.4	10.7	8.52	6.56	5.23	4.51	4.27	4.47	5.10	6.57	8.67	10.6	10.2	11.0	10.8	9.87	8.76	8.21	7.96
135	12.8	11.2	9.29	7.38	6.02	5.28	4.99	5.22	5.79	7.17	9.05	10.7	10.6	11.2	11.2	10.5	9.50	9.39	9.23
140	12.8	11.6	9.90	8.19	6.85	6.11	5.85	6.02	6.56	7.63	9.28	10.7	11.1	11.5	11.5	11.1	10.3	10.5	10.4
145	12.7	11.8	10.4	8.93	7.77	7.07	6.81	6.95	7.42	8.19	9.51	10.7	11.6	11.9	11.8	11.3	11.2	11.4	11.5
150	12.7	11.9	10.8	9.70	8.76	8.14	7.93	8.01	8.40	8.90	9.71	10.7	11.8	12.0	12.0	11.8	11.9	12.2	12.3
155	12.5	12.0	11.3	10.4	9.75	9.25	9.09	9.11	9.39	9.69	10.2	10.8	11.9	12.2	12.3	12.3	12.6	12.8	13.0
160	12.5	12.3	11.7	11.2	10.7	10.4	10.3	10.2	10.4	10.5	10.8	11.2	12.1	12.4	12.6	12.9	13.2	13.4	13.6
165	12.6	12.5	12.2	11.9	11.6	11.4	11.3	11.2	11.2	11.2	11.4	11.6	12.4	12.7	13.0	13.4	13.7	14.0	14.1
170	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.1	12.0	12.2	12.8	12.9	13.2	13.6	13.9	14.2	14.5
175	13.1	13.2	13.1	13.1	13.1	13.1	13.0	12.9	12.9	12.7	12.7	12.8	13.1	13.1	13.3	13.5	13.9	14.1	14.3
180	13.3	13.4	13.4	13.4	13.5	13.6	13.7	13.6	13.6	13.5	13.4	13.5	13.4	13.3	13.4	13.4	13.6	13.8	13.9

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 54合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.2970A P:63.20W PF:0.9640 Lamp Flux:7089.74x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-60W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2351	2351	2351	2351	2351														
5	2194	2213	2235	2268	2303														
10	1924	1978	2049	2145	2241														
15	1580	1669	1819	2021	2197														
20	1262	1401	1602	1865	2135														
25	1027	1191	1430	1722	2075														
30	863	1035	1297	1612	2025														
35	742	907	1178	1531	1989														
40	650	804	1071	1457	1980														
45	587	726	978	1395	1985														
50	551	676	904	1328	1974														
55	513	622	821	1236	1915														
60	428	509	657	1034	1719														
65	285	328	403	624	1147														
70	170	181	201	261	412														
75	98.0	112	114	127	145														
80	67.7	76.6	74.9	78.9	77.2														
85	39.7	42.6	40.7	38.4	47.2														
90	12.8	17.0	20.1	21.3	22.1														
95	1.02	1.36	4.11	7.91	11.2														
100	1.57	1.98	2.55	2.87	3.02														
105	2.33	2.96	3.82	4.46	4.65														
110	3.28	4.13	5.28	6.21	6.60														
115	4.41	5.39	6.74	7.91	8.43														
120	5.68	6.73	8.17	9.44	9.91														
125	7.05	8.10	9.55	10.8	11.1														
130	8.42	9.40	10.8	11.9	11.9														
135	9.72	10.6	11.8	12.7	12.4														
140	10.9	11.6	12.7	13.3	12.8														
145	12.0	12.6	13.4	13.9	13.4														
150	12.8	13.3	13.8	14.2	13.7														
155	13.4	13.8	14.2	14.3	13.8														
160	13.9	14.1	14.4	14.4	13.9														
165	14.3	14.5	14.5	14.5	13.9														
170	14.5	14.7	14.5	14.4	14.0														
175	14.3	14.5	14.4	14.2	14.0														
180	13.8	13.8	13.8	13.7	13.6														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-02-22

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 54合1