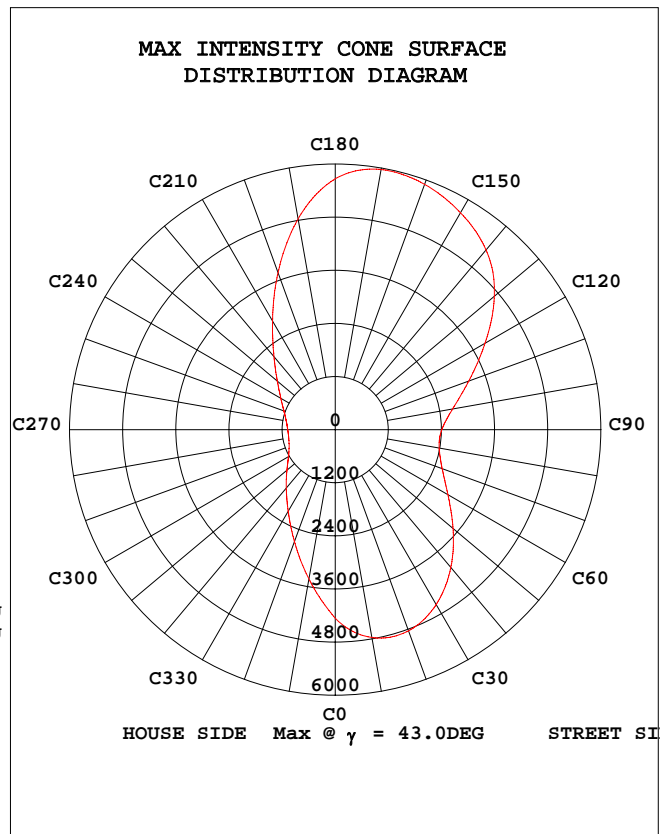
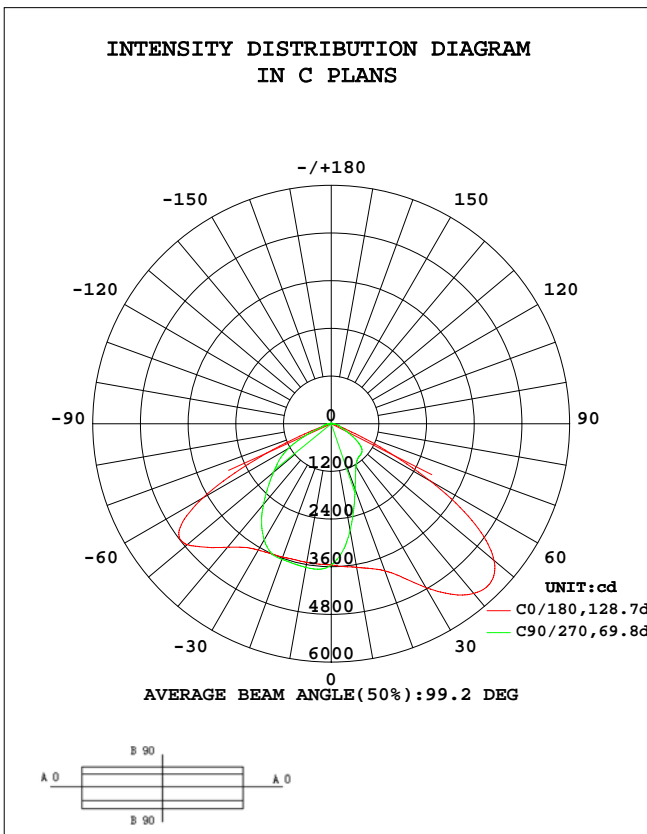


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.99 lm/W			
MODEL	飞利浦3030 6000K	I _{max} (cd)	5961	η street_up(%)	0.3
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	63.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10793	η house_up(%)	0.3
NOMINAL FLUX(lm)	10793.2	MAXIMUM @(C,γ)	165,43.0	η house_down(%)	36.0
LAMPS INSIDE	1	η up(%)	0.6	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.3	η down(%)	99.4	SLI	17.653



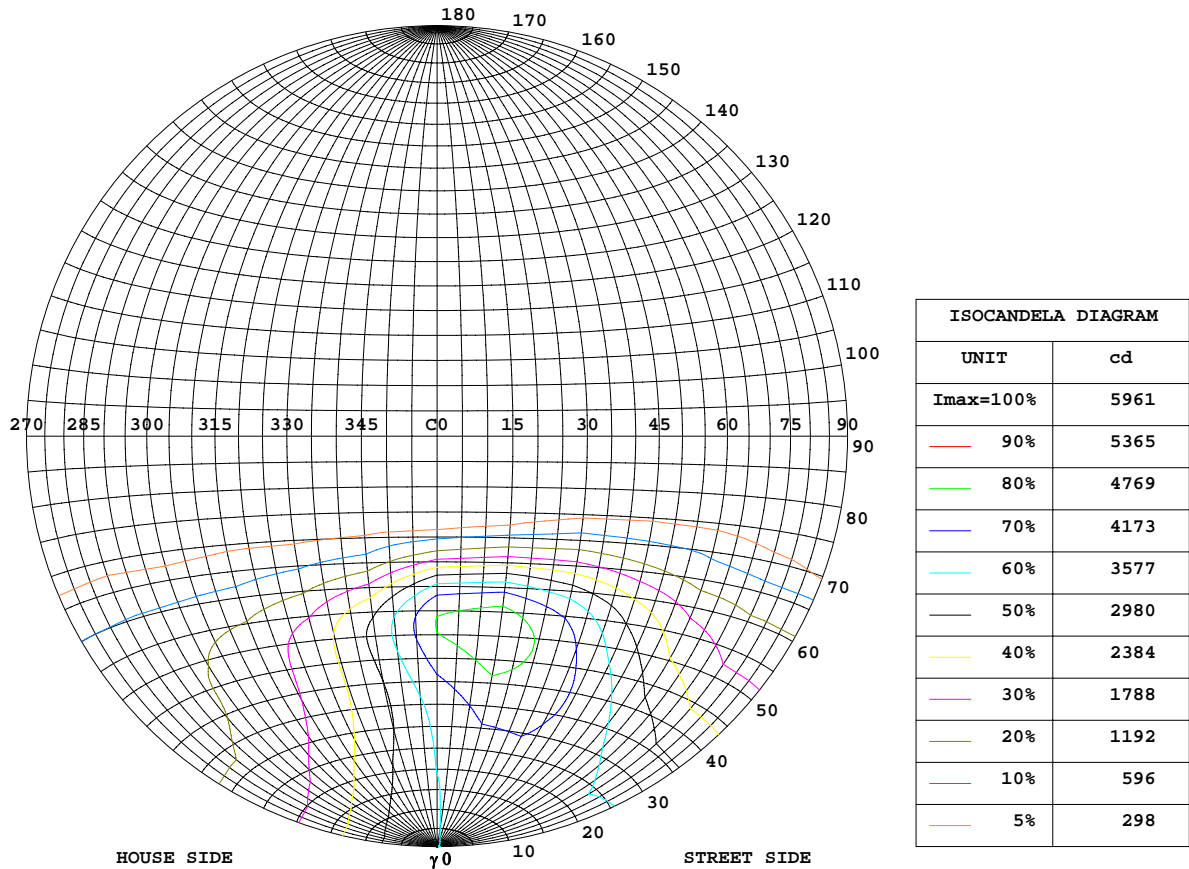
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-02-22

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: 77合1

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

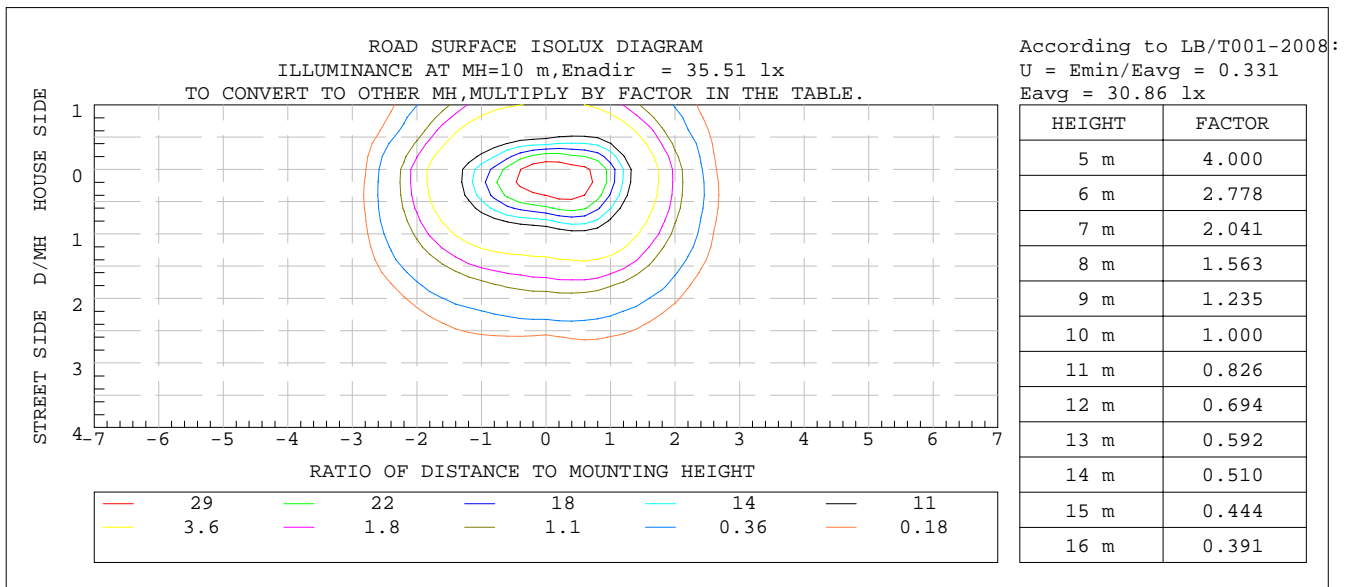
Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



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: 77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

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: 77合1

ZONAL FLUX DIAGRAM

Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

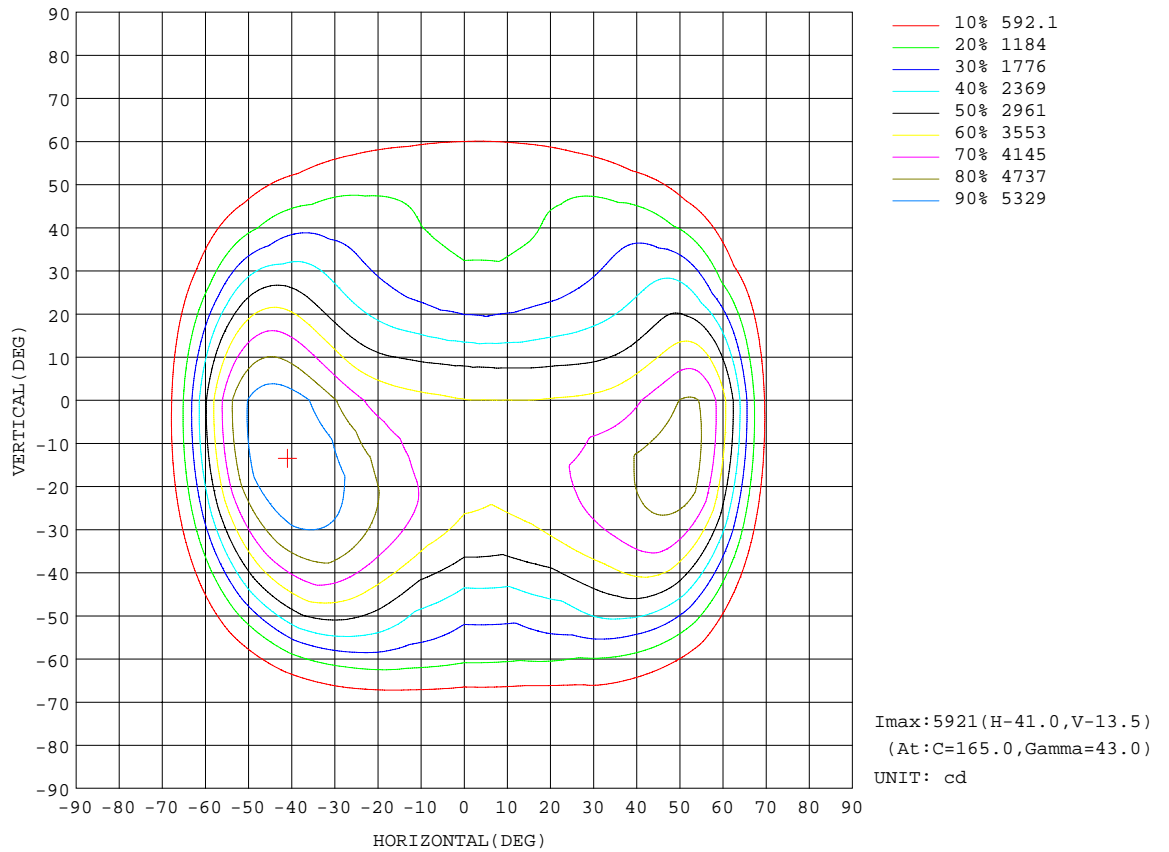
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
5	3546	3661	3675	3713	3607	3367	3231	3329	0- 5	84.55	84.55	0.78
10	3544	3691	3671	3839	3668	3095	2730	3008	5- 10	247.5	332.1	3.08
15	3544	3723	3647	4009	3769	2777	2204	2631	10- 15	396.7	728.8	6.75
20	3572	3796	3631	4248	3940	2502	1759	2297	15- 20	535.8	1265	11.7
25	3607	3895	3588	4548	4274	2284	1448	2036	20- 25	673.7	1938	18
30	3673	3953	3375	4833	4757	2124	1246	1831	25- 30	812.2	2751	25.5
35	3800	3959	3058	5032	5232	2021	1132	1681	30- 35	947.7	3698	34.3
40	4059	3877	2655	5100	5574	1955	1085	1591	35- 40	1074	4772	44.2
45	4401	3673	2254	4941	5662	1855	1067	1551	40- 45	1176	5948	55.1
50	4732	3362	1896	4520	5345	1608	1010	1481	45- 50	1231	7179	66.5
55	4671	2964	1598	3801	4427	1188	839.4	1231	50- 55	1194	8373	77.6
60	3722	2333	1250	2802	2872	717.1	590.5	784.0	55- 60	1007	9380	86.9
65	1956	1446	737.1	1579	1219	402.6	379.2	412.7	60- 65	673.9	10054	93.2
70	514.9	672.2	272.7	609.8	322.4	273.7	250.0	281.8	65- 70	334.5	10388	96.2
75	168.1	273.7	202.3	251.4	148.4	196.4	211.5	192.6	70- 75	151.7	10540	97.7
80	114.9	151.9	137.4	131.7	98.66	120.3	152.1	113.2	75- 80	94.56	10635	98.5
85	63.21	68.16	83.62	65.35	59.43	72.53	66.88	69.70	80- 85	60.43	10695	99.1
90	30.85	34.78	1.070	31.34	28.19	32.72	16.90	28.05	85- 90	29.55	10725	99.4
95	4.161	1.562	1.395	1.679	6.321	1.968	1.344	1.891	90- 95	8.045	10733	99.4
100	5.379	2.299	1.900	2.453	3.587	3.240	2.093	3.258	95-100	1.342	10734	99.5
105	8.162	3.327	2.534	3.501	5.778	4.976	3.122	5.214	100-105	2.008	10736	99.5
110	11.24	4.608	3.254	4.708	8.216	6.918	4.395	7.578	105-110	2.846	10739	99.5
115	14.23	5.989	3.987	5.943	10.50	8.906	5.921	10.04	110-115	3.687	10743	99.5
120	16.71	7.362	4.756	7.145	12.22	10.80	7.722	12.34	115-120	4.404	10747	99.6
125	18.43	8.651	5.610	8.291	13.37	12.57	9.703	14.47	120-125	4.927	10752	99.6
130	19.47	9.895	6.582	9.421	14.22	13.92	11.73	16.31	125-130	5.253	10757	99.7
135	19.93	11.14	7.636	10.40	14.92	14.78	13.65	17.85	130-135	5.379	10763	99.7
140	19.81	12.37	8.809	11.20	15.46	15.45	15.43	19.07	135-140	5.294	10768	99.8
145	19.34	13.64	10.16	12.13	16.16	16.38	17.11	20.39	140-145	5.074	10773	99.8
150	19.16	14.92	11.75	13.21	16.99	17.45	18.54	21.60	145-150	4.769	10778	99.9
155	19.41	16.12	13.45	14.43	17.63	18.36	19.65	22.45	150-155	4.358	10782	99.9
160	19.69	17.19	15.17	15.45	17.96	19.07	20.56	22.86	155-160	3.803	10786	99.9
165	19.74	18.05	16.71	16.29	18.30	19.59	21.37	23.10	160-165	3.115	10789	100
170	19.60	18.87	18.24	17.49	18.67	19.94	21.84	23.03	165-170	2.312	10791	100
175	19.62	19.56	19.35	18.77	19.20	20.03	21.43	22.16	170-175	1.426	10793	100
180	19.64	19.96	20.36	20.27	19.59	19.96	20.61	20.77	175-180	0.4816	10793	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: 77合1

ISOCANDELA DIAGRAM

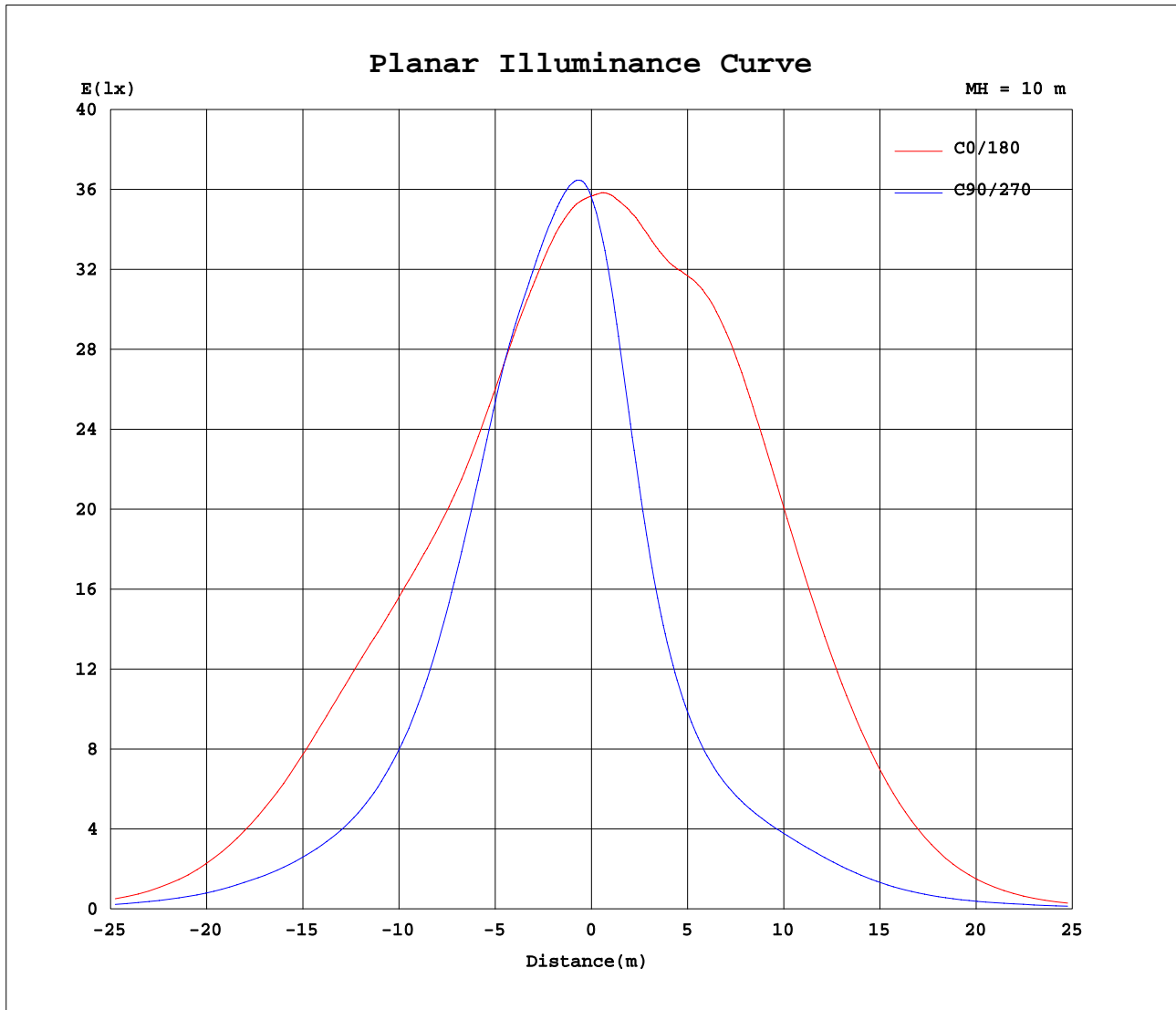
Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



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: 77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

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: 77合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	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	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555	3555
5	3546	3607	3642	3661	3662	3673	3675	3697	3708	3713	3697	3661	3607	3533	3453	3367	3301	3249	3231
10	3544	3660	3699	3691	3662	3662	3671	3743	3804	3839	3833	3777	3668	3494	3305	3095	2914	2777	2730
15	3544	3729	3774	3723	3656	3626	3647	3782	3914	4009	4038	3960	3769	3462	3129	2777	2504	2303	2204
20	3572	3841	3895	3796	3670	3601	3631	3849	4070	4248	4332	4234	3940	3462	2945	2502	2153	1884	1759
25	3607	3970	4041	3895	3689	3547	3588	3898	4245	4548	4725	4661	4274	3535	2818	2284	1860	1576	1448
30	3673	4130	4191	3953	3604	3358	3375	3773	4308	4833	5168	5179	4757	3750	2779	2124	1658	1375	1246
35	3800	4357	4347	3959	3427	3076	3058	3529	4255	5032	5517	5645	5232	4035	2812	2021	1525	1254	1132
40	4059	4660	4500	3877	3147	2705	2655	3174	4073	5100	5692	5919	5574	4259	2851	1955	1451	1193	1085
45	4401	4960	4568	3673	2791	2300	2254	2757	3774	4941	5578	5922	5662	4288	2783	1855	1392	1155	1067
50	4732	5151	4485	3362	2411	1941	1896	2365	3378	4520	5116	5520	5345	3930	2451	1608	1246	1061	1010
55	4671	4931	4115	2964	2042	1637	1598	1998	2848	3801	4265	4606	4427	3079	1811	1188	962	846	839
60	3722	3918	3254	2333	1584	1284	1250	1523	2130	2802	3052	3136	2872	1821	1051	717	622	577	591
65	1956	2216	2012	1446	947	790	737	935	1221	1579	1639	1494	1219	747	508	403	387	376	379
70	515	711	829	672	534	384	273	435	539	610	578	433	322	316	290	274	277	271	250
75	168	194	260	274	261	219	202	272	271	251	222	170	148	197	206	196	212	196	212
80	115	125	140	152	215	151	137	239	204	132	134	113	98.7	126	136	120	146	136	152
85	63.2	63.8	62.8	68.2	108	102	83.6	194	119	65.4	68.8	64.5	59.4	71.5	71.0	72.5	75.6	73.6	66.9
90	30.9	34.6	31.2	34.8	39.6	46.0	1.07	67.9	41.6	31.3	33.5	36.8	28.2	36.8	40.0	32.7	29.5	22.9	16.9
95	4.16	2.62	1.95	1.56	1.46	1.40	1.40	1.44	1.52	1.68	3.44	7.63	6.32	8.11	4.81	1.97	1.56	1.41	1.34
100	5.38	4.35	3.12	2.30	2.04	1.91	1.90	1.93	2.12	2.45	3.40	5.00	3.59	3.98	3.79	3.24	2.49	2.13	2.09
105	8.16	6.63	4.74	3.33	2.81	2.56	2.53	2.56	2.88	3.50	5.01	7.21	5.78	6.36	6.03	4.98	3.77	3.18	3.12
110	11.2	9.20	6.66	4.61	3.75	3.32	3.25	3.29	3.77	4.71	6.76	9.51	8.22	9.07	8.51	6.92	5.32	4.45	4.40
115	14.2	11.8	8.67	5.99	4.77	4.12	3.99	4.03	4.65	5.94	8.48	11.6	10.5	11.5	10.7	8.91	7.07	5.97	5.92
120	16.7	13.9	10.5	7.36	5.80	4.99	4.76	4.86	5.53	7.15	9.94	13.3	12.2	13.2	12.5	10.8	8.91	7.78	7.72
125	18.4	15.5	12.0	8.65	6.85	5.94	5.61	5.78	6.38	8.29	11.2	14.5	13.4	14.4	14.1	12.6	10.6	9.79	9.70
130	19.5	16.7	13.3	9.89	7.95	6.98	6.58	6.81	7.38	9.42	12.3	15.3	14.2	15.3	15.4	13.9	12.3	11.8	11.7
135	19.9	17.5	14.4	11.1	9.15	8.12	7.64	7.87	8.57	10.4	13.1	15.6	14.9	15.9	15.9	14.8	13.8	13.5	13.6
140	19.8	18.0	15.4	12.4	10.5	9.30	8.81	8.98	9.76	11.2	13.4	15.5	15.5	16.1	16.1	15.5	15.1	15.1	15.4
145	19.3	18.2	16.2	13.6	11.8	10.6	10.2	10.2	11.0	12.1	13.7	15.2	16.2	16.6	16.6	16.4	16.6	16.6	17.1
150	19.2	18.6	17.1	14.9	13.3	12.2	11.7	11.8	12.4	13.2	14.3	15.5	17.0	17.5	17.5	17.5	17.6	17.9	18.5
155	19.4	19.0	17.8	16.1	14.7	13.8	13.5	13.4	13.8	14.4	15.0	15.9	17.6	18.2	18.4	18.4	18.5	18.9	19.6
160	19.7	19.4	18.5	17.2	16.1	15.5	15.2	15.0	15.1	15.5	15.9	16.4	18.0	18.6	19.0	19.1	19.3	19.9	20.6
165	19.7	19.6	18.9	18.0	17.4	17.0	16.7	16.4	16.3	16.3	16.4	17.0	18.3	18.8	19.3	19.6	20.1	20.7	21.4
170	19.6	19.6	19.3	18.9	18.6	18.3	18.2	17.9	17.7	17.5	17.5	17.9	18.7	19.0	19.5	19.9	20.5	21.3	21.8
175	19.6	19.8	19.6	19.6	19.4	19.4	19.4	19.1	19.0	18.8	18.9	19.1	19.2	19.3	19.6	20.0	20.4	21.0	21.4
180	19.6	19.8	19.8	20.0	20.0	20.3	20.4	20.3	20.3	20.3	20.4	20.4	19.6	19.7	19.8	20.0	20.1	20.4	20.6

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: 77合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.4860A P:102.8W PF:0.9580 Lamp Flux:10793.2x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:3.5
SPEC.:LD4A-100W	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	3555	3555	3555	3555	3555														
5	3232	3275	3329	3404	3479														
10	2742	2852	3008	3205	3390														
15	2218	2378	2631	2957	3287														
20	1781	1974	2297	2715	3194														
25	1471	1675	2036	2505	3089														
30	1266	1455	1831	2347	2995														
35	1148	1310	1681	2225	2953														
40	1092	1236	1591	2150	2989														
45	1080	1217	1551	2118	3083														
50	1042	1176	1481	2060	3155														
55	886	998	1231	1758	2869														
60	616	664	784	1140	1961														
65	376	376	413	542	863														
70	255	253	282	280	320														
75	194	202	193	199	204														
80	138	149	113	127	137														
85	73.1	73.5	69.7	65.1	82.5														
90	20.2	26.3	28.1	35.9	35.0														
95	1.50	1.70	1.89	1.86	2.03														
100	2.34	2.81	3.26	3.33	3.27														
105	3.55	4.35	5.21	5.57	5.60														
110	5.04	6.21	7.58	8.37	8.56														
115	6.76	8.20	10.0	11.3	11.7														
120	8.70	10.2	12.3	13.9	14.5														
125	10.8	12.2	14.5	16.0	16.6														
130	12.9	14.2	16.3	17.7	18.0														
135	14.9	16.1	17.8	18.9	18.7														
140	16.7	17.9	19.1	19.7	19.0														
145	18.4	19.5	20.4	20.6	19.5														
150	19.8	20.8	21.6	21.5	20.3														
155	20.8	21.8	22.4	22.2	21.3														
160	21.6	22.4	22.9	22.6	21.9														
165	22.1	22.8	23.1	22.8	22.2														
170	22.3	22.8	23.0	22.6	22.0														
175	21.6	22.1	22.2	22.0	21.6														
180	20.6	20.8	20.8	20.9	20.7														

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: 77合1