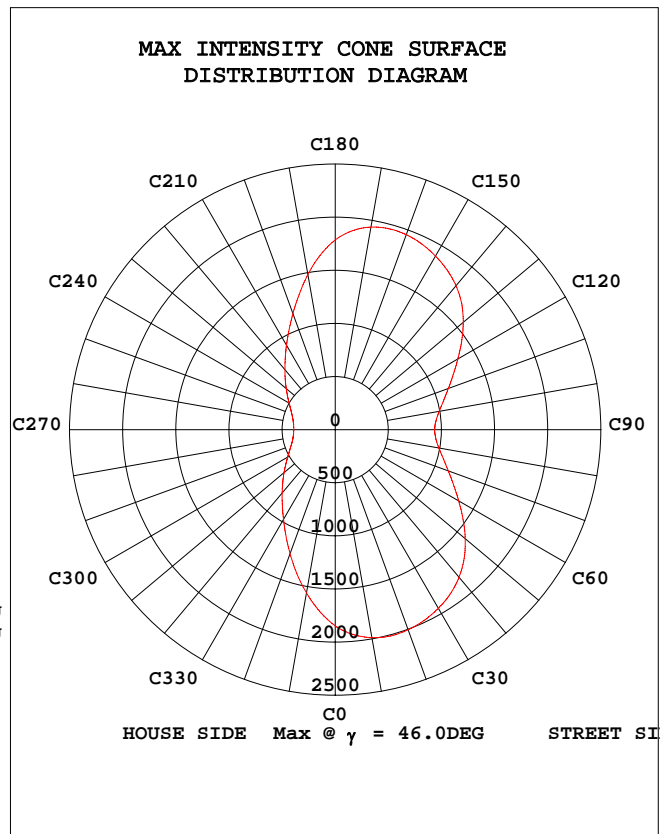
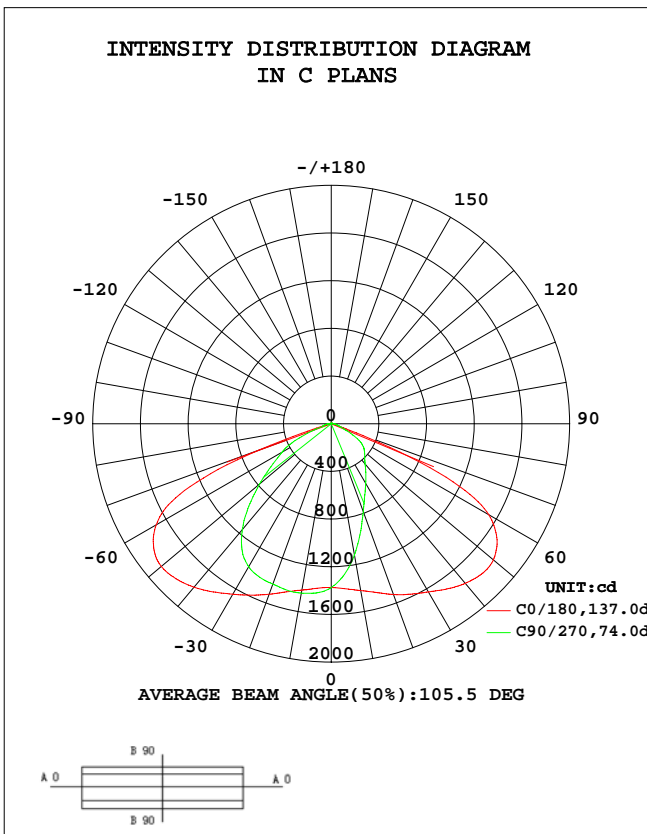


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.68 lm/W			
MODEL	飞利浦3030 6000K	I _{max} (cd)	2010	η street_up(%)	0.3
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	63.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4534	η house_up(%)	0.4
NOMINAL FLUX(lm)	4534.33	MAXIMUM @(C,γ)	15,46.0	η house_down(%)	35.8
LAMPS INSIDE	1	η up(%)	0.7	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220.5	η down(%)	99.3	SLI	15.842



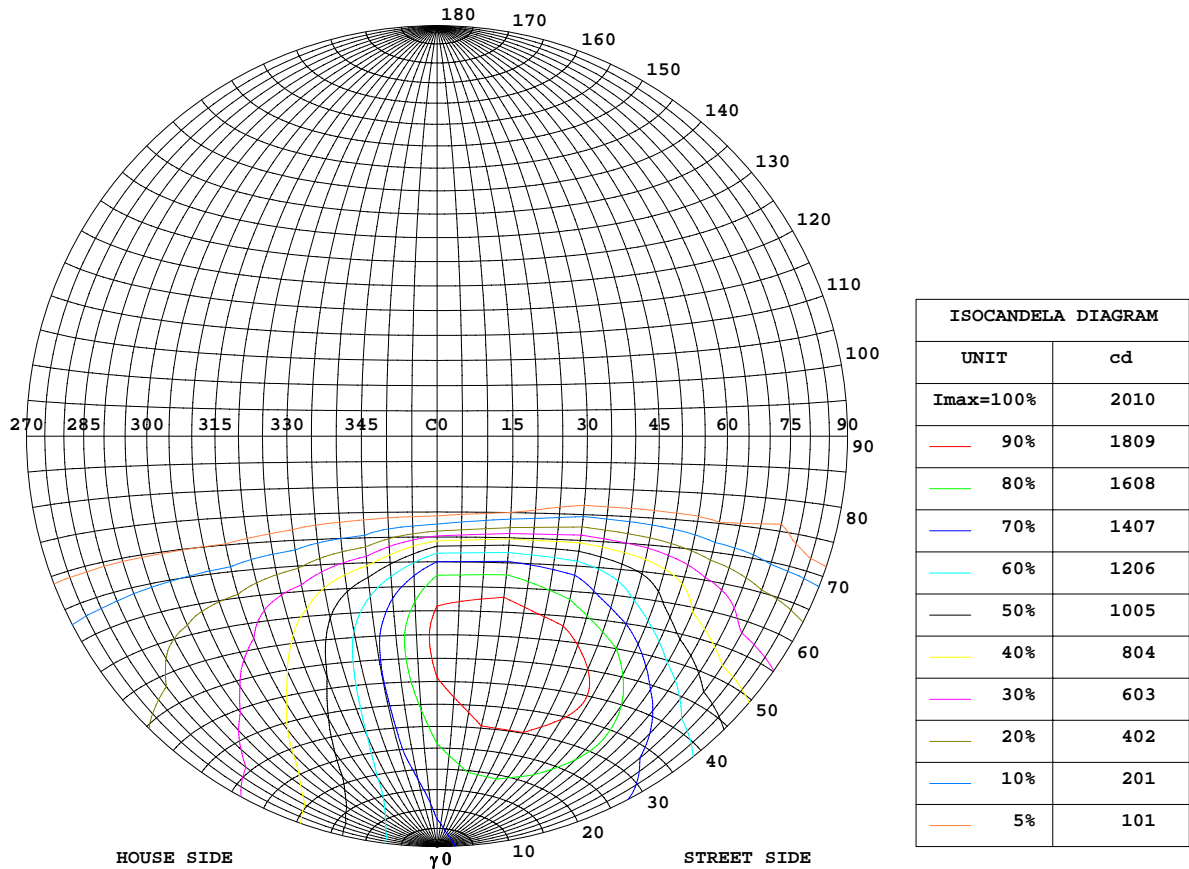
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36合1

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

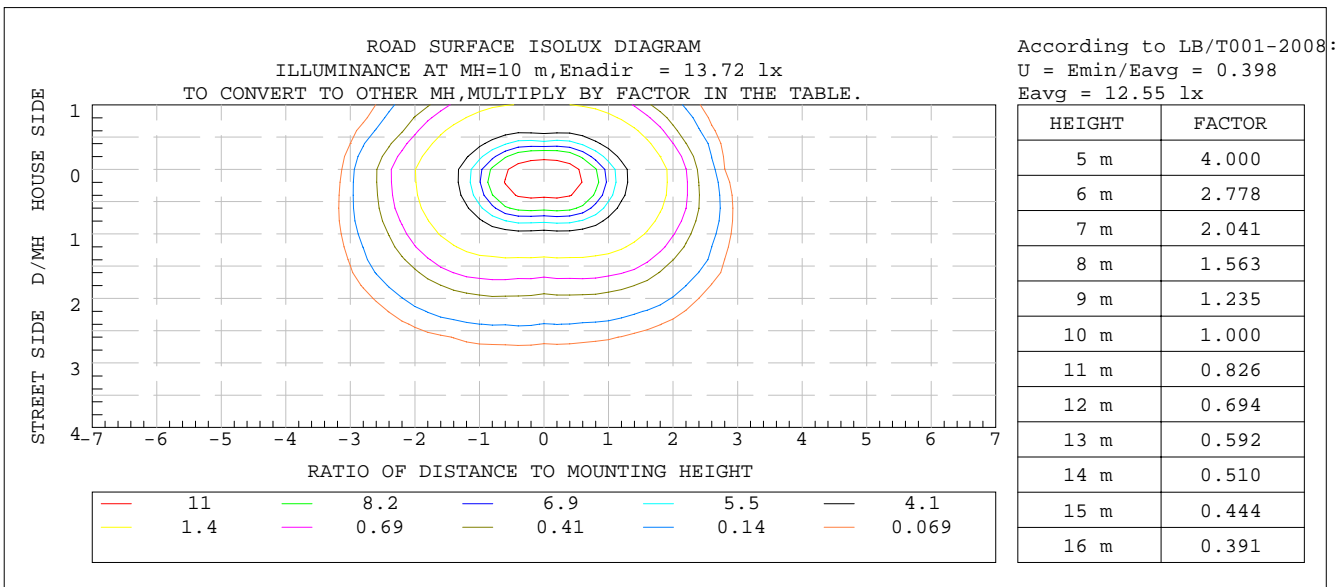
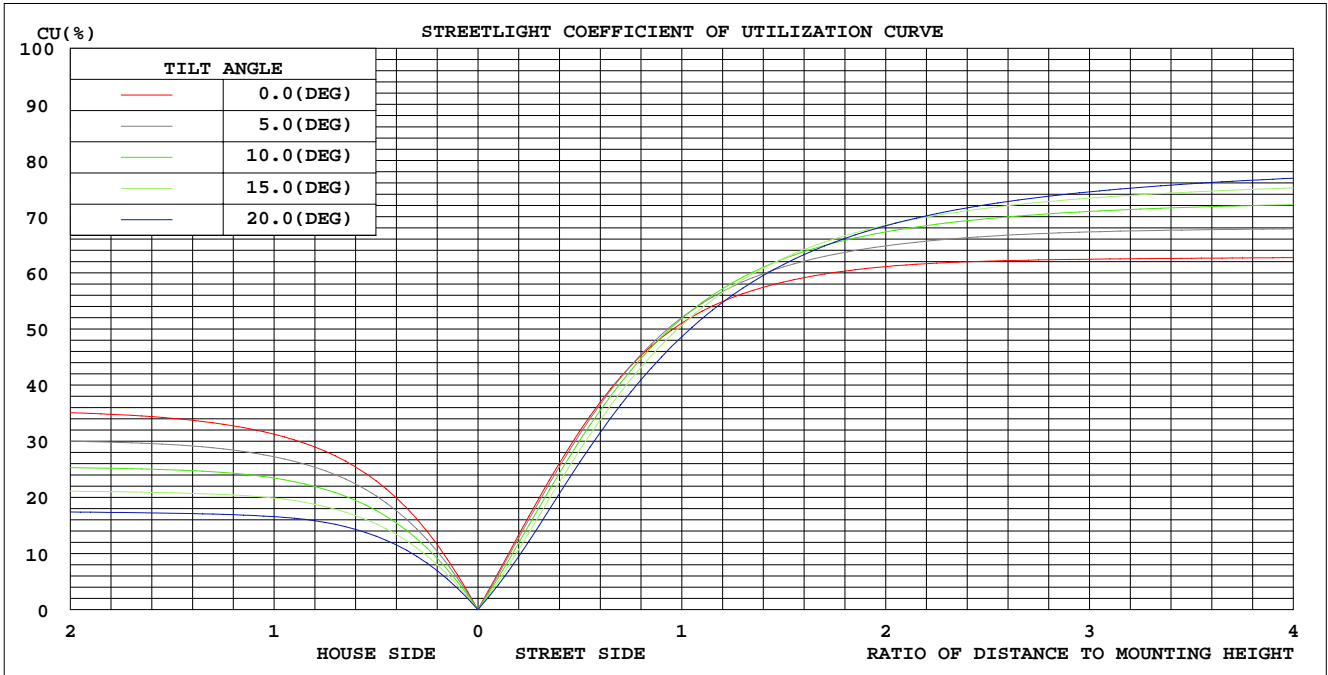
Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36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: 2017-07-24

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: 36合1

ZONAL FLUX DIAGRAM

Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:

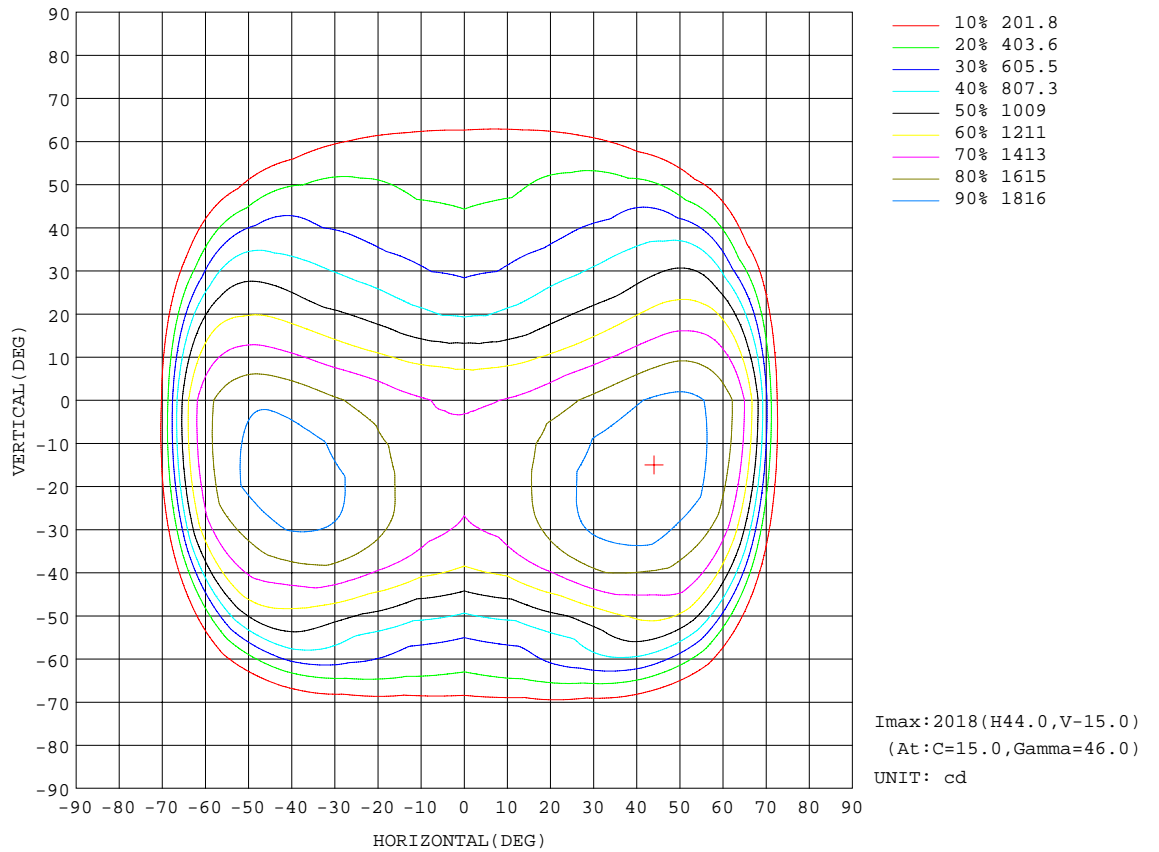
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
5	1386	1424	1425	1424	1390	1312	1269	1308	0- 5	32.77	32.77	0.72
10	1416	1466	1442	1467	1421	1231	1120	1229	5- 10	97.15	129.9	2.87
15	1460	1518	1445	1519	1466	1124	947.4	1123	10- 15	158.5	288.4	6.36
20	1521	1579	1432	1583	1524	1030	785.7	1029	15- 20	217.1	505.5	11.1
25	1586	1646	1420	1645	1578	959.5	666.2	963.2	20- 25	274.7	780.2	17.2
30	1651	1712	1385	1708	1630	890.4	578.9	907.9	25- 30	330.9	1111	24.5
35	1723	1775	1303	1764	1692	826.1	506.1	849.7	30- 35	383.6	1495	33
40	1790	1790	1161	1771	1748	754.8	442.7	784.2	35- 40	428.7	1923	42.4
45	1840	1736	978.4	1705	1783	681.4	398.7	713.3	40- 45	460.3	2384	52.6
50	1862	1606	783.9	1558	1775	601.8	364.7	636.1	45- 50	474.0	2858	63
55	1818	1401	606.4	1339	1698	520.4	325.5	557.9	50- 55	466.4	3324	73.3
60	1695	1186	475.3	1122	1526	375.4	254.4	427.1	55- 60	433.7	3758	82.9
65	1401	976.7	335.0	874.9	1064	182.1	154.1	234.4	60- 65	365.7	4124	90.9
70	642.5	540.6	149.9	408.9	225.2	85.31	91.64	103.3	65- 70	227.5	4351	96
75	73.32	136.2	69.44	123.0	47.58	62.36	60.02	65.34	70- 75	82.10	4433	97.8
80	35.24	53.23	52.03	49.73	28.76	39.13	46.77	40.82	75- 80	35.47	4469	98.6
85	21.35	31.05	28.08	27.50	16.83	22.60	28.39	25.13	80- 85	22.60	4491	99
90	12.39	15.01	0.4033	12.58	10.39	10.79	7.356	12.81	85- 90	11.83	4503	99.3
95	8.132	4.410	0.5011	2.152	5.916	2.993	0.5752	4.049	90- 95	4.235	4507	99.4
100	4.558	1.010	0.7007	1.156	2.070	1.798	0.8971	1.532	95-100	1.339	4509	99.4
105	3.581	1.437	0.9573	1.634	3.036	2.673	1.329	2.313	100-105	0.9769	4510	99.5
110	4.636	1.921	1.250	2.187	4.106	3.587	1.883	3.197	105-110	1.298	4511	99.5
115	5.631	2.447	1.577	2.778	5.061	4.505	2.602	4.092	110-115	1.637	4513	99.5
120	6.442	2.991	1.964	3.396	5.835	5.355	3.437	4.993	115-120	1.932	4514	99.6
125	7.023	3.533	2.388	3.982	6.419	6.115	4.337	5.848	120-125	2.156	4517	99.6
130	7.493	4.082	2.844	4.514	6.905	6.742	5.250	6.627	125-130	2.304	4519	99.7
135	7.774	4.603	3.317	4.932	7.234	7.129	6.074	7.278	130-135	2.357	4521	99.7
140	7.826	5.087	3.846	5.198	7.531	7.447	6.840	7.811	135-140	2.314	4524	99.8
145	7.802	5.535	4.465	5.514	7.794	7.585	7.524	8.221	140-145	2.214	4526	99.8
150	7.729	5.974	5.069	5.849	7.908	7.789	8.028	8.471	145-150	2.052	4528	99.9
155	7.672	6.430	5.757	6.275	7.928	8.061	8.403	8.696	150-155	1.838	4530	99.9
160	7.619	6.894	6.467	6.743	7.981	8.395	8.759	8.811	155-160	1.586	4531	99.9
165	7.692	7.370	7.119	7.152	8.119	8.643	9.068	8.946	160-165	1.299	4533	100
170	7.887	7.826	7.770	7.639	8.256	8.729	9.149	9.052	165-170	0.9681	4534	100
175	8.143	8.171	8.199	8.069	8.390	8.656	8.965	8.938	170-175	0.5985	4534	100
180	8.394	8.456	8.558	8.528	8.508	8.493	8.709	8.700	175-180	0.2024	4534	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36合1

ISOCANDELA DIAGRAM

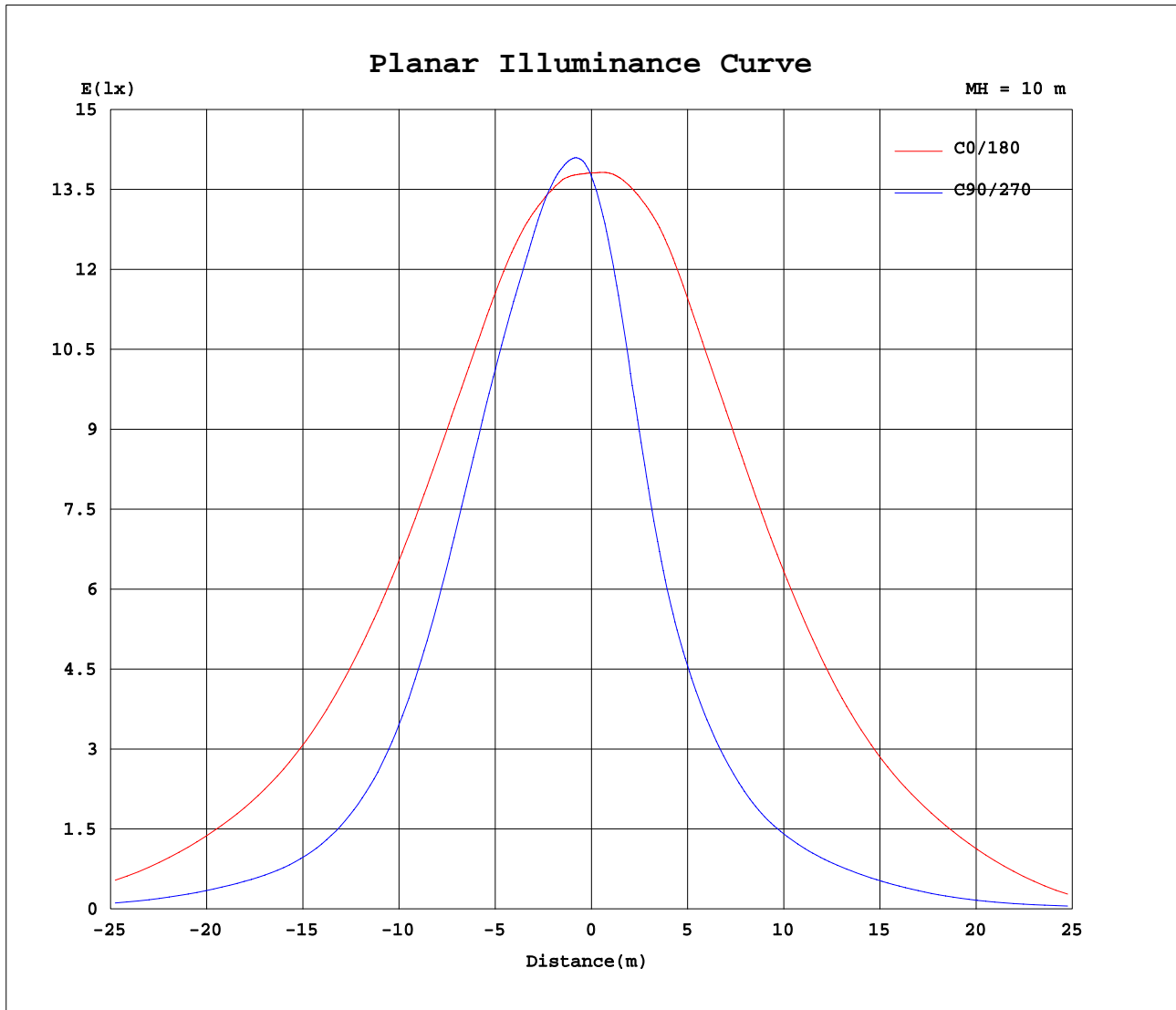
Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	DIM.:	SERIAL No.:
MFR.:OCAR Technology co., LTD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36合1

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-07-24

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: 36合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	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	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374
5	1386	1406	1418	1424	1426	1426	1425	1426	1425	1424	1419	1407	1390	1364	1337	1312	1291	1274	1269
10	1416	1454	1469	1466	1456	1448	1442	1448	1457	1467	1470	1455	1421	1361	1297	1231	1175	1132	1120
15	1460	1523	1536	1518	1483	1458	1445	1461	1488	1519	1537	1521	1466	1361	1246	1124	1028	964	947
20	1521	1611	1620	1579	1515	1457	1432	1463	1519	1583	1615	1603	1524	1375	1201	1030	903	814	786
25	1586	1702	1708	1646	1550	1463	1420	1474	1555	1645	1699	1689	1578	1378	1146	959	808	703	666
30	1651	1793	1799	1712	1577	1442	1385	1457	1586	1708	1786	1771	1630	1370	1091	890	727	615	579
35	1723	1883	1883	1775	1566	1380	1303	1395	1575	1764	1864	1855	1692	1361	1041	826	655	540	506
40	1790	1965	1941	1790	1508	1264	1161	1277	1509	1771	1909	1927	1748	1349	985	755	581	474	443
45	1840	2009	1948	1736	1377	1091	978	1095	1370	1705	1899	1958	1783	1323	931	681	514	423	399
50	1862	1990	1885	1606	1183	888	784	890	1170	1558	1809	1926	1775	1274	865	602	459	387	365
55	1818	1893	1733	1401	958	694	606	700	943	1339	1637	1813	1698	1180	773	520	409	347	326
60	1695	1722	1536	1186	784	558	475	554	758	1122	1433	1625	1526	995	586	375	306	267	254
65	1401	1429	1284	977	625	420	335	397	568	875	1125	1250	1064	563	283	182	164	155	154
70	642	758	736	541	300	188	150	173	243	409	528	427	225	137	103	85.3	87.1	90.3	91.6
75	73.3	101	172	136	102	106	69.4	104	101	123	124	64.3	47.6	66.0	65.8	62.4	65.4	68.4	60.0
80	35.2	43.8	59.3	53.2	90.6	85.2	52.0	83.1	87.5	49.7	60.1	38.4	28.8	41.4	44.2	39.1	48.2	45.9	46.8
85	21.3	26.4	31.5	31.1	56.3	59.6	28.1	51.7	49.1	27.5	27.8	23.7	16.8	25.6	23.6	22.6	26.6	27.6	28.4
90	12.4	15.5	14.8	15.0	20.2	27.7	0.40	21.0	14.0	12.6	13.0	14.0	10.4	12.2	12.5	10.8	10.7	9.69	7.36
95	8.13	7.64	6.47	4.41	3.28	4.84	0.50	2.79	1.63	2.15	4.74	6.68	5.92	6.74	5.03	2.99	1.24	0.64	0.58
100	4.56	3.22	1.45	1.01	0.80	0.76	0.70	0.78	0.87	1.16	1.69	2.53	2.07	2.31	2.15	1.80	1.35	0.99	0.90
105	3.58	2.86	1.98	1.44	1.12	1.01	0.96	1.04	1.21	1.63	2.40	3.46	3.04	3.31	3.19	2.67	2.01	1.47	1.33
110	4.64	3.73	2.66	1.92	1.48	1.32	1.25	1.34	1.60	2.19	3.18	4.47	4.11	4.49	4.27	3.59	2.77	2.09	1.88
115	5.63	4.61	3.36	2.45	1.91	1.65	1.58	1.69	2.04	2.78	3.96	5.50	5.06	5.49	5.25	4.50	3.61	2.84	2.60
120	6.44	5.35	4.01	2.99	2.36	2.04	1.96	2.09	2.51	3.40	4.71	6.33	5.84	6.34	6.13	5.36	4.49	3.70	3.44
125	7.02	5.95	4.63	3.53	2.81	2.48	2.39	2.52	2.97	3.98	5.38	6.95	6.42	6.99	6.91	6.12	5.34	4.60	4.34
130	7.49	6.51	5.20	4.08	3.30	2.95	2.84	3.01	3.44	4.51	5.87	7.33	6.91	7.45	7.42	6.74	5.96	5.49	5.25
135	7.77	6.91	5.69	4.60	3.79	3.44	3.32	3.50	3.90	4.93	6.14	7.44	7.23	7.68	7.64	7.13	6.47	6.22	6.07
140	7.83	7.12	6.07	5.09	4.30	3.96	3.85	4.00	4.38	5.20	6.28	7.44	7.53	7.79	7.78	7.45	6.91	6.93	6.84
145	7.80	7.21	6.38	5.53	4.85	4.53	4.47	4.57	4.86	5.51	6.38	7.34	7.79	7.96	7.94	7.59	7.44	7.57	7.52
150	7.73	7.30	6.64	5.97	5.43	5.17	5.07	5.19	5.42	5.85	6.45	7.27	7.91	8.03	8.06	7.79	7.80	7.99	8.03
155	7.67	7.37	6.91	6.43	6.01	5.83	5.76	5.82	5.98	6.28	6.62	7.29	7.93	8.08	8.13	8.06	8.19	8.36	8.40
160	7.62	7.51	7.22	6.89	6.62	6.51	6.47	6.49	6.58	6.74	6.91	7.37	7.98	8.11	8.28	8.40	8.57	8.71	8.76
165	7.69	7.72	7.55	7.37	7.18	7.15	7.12	7.09	7.10	7.15	7.22	7.46	8.12	8.22	8.44	8.64	8.88	8.99	9.07
170	7.89	7.97	7.88	7.83	7.73	7.77	7.77	7.70	7.65	7.64	7.62	7.76	8.26	8.28	8.54	8.73	8.93	9.09	9.15
175	8.14	8.25	8.15	8.17	8.15	8.22	8.20	8.13	8.08	8.07	7.99	8.11	8.39	8.34	8.47	8.66	8.75	8.93	8.97
180	8.39	8.42	8.37	8.46	8.48	8.58	8.56	8.54	8.53	8.53	8.38	8.45	8.51	8.37	8.42	8.49	8.63	8.70	8.71

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36合1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.1880A P:40.60W PF:0.9800 Lamp Flux:4534.33x1 lm		
NAME: 路灯	TYPE:室外	WEIGHT:2
SPEC.:LD4A-40W	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	1374	1374	1374	1374	1374														
5	1272	1287	1308	1335	1363														
10	1131	1172	1229	1296	1362														
15	964	1027	1123	1245	1363														
20	814	903	1029	1203	1378														
25	703	811	963	1155	1397														
30	618	733	908	1111	1399														
35	545	668	850	1072	1404														
40	480	595	784	1030	1410														
45	427	530	713	985	1405														
50	391	474	636	928	1379														
55	355	428	558	842	1298														
60	281	337	427	672	1137														
65	168	194	234	374	747														
70	94.8	97.7	103	137	234														
75	69.3	67.3	65.3	71.8	81.2														
80	47.1	48.9	40.8	47.3	45.3														
85	28.6	31.1	25.1	28.3	28.3														
90	10.8	12.7	12.8	14.6	13.8														
95	0.60	1.69	4.05	6.36	7.41														
100	0.92	1.19	1.53	2.44	3.35														
105	1.39	1.79	2.31	2.77	2.91														
110	1.98	2.49	3.20	3.84	4.09														
115	2.71	3.28	4.09	4.85	5.20														
120	3.54	4.14	4.99	5.76	6.09														
125	4.41	5.01	5.85	6.57	6.78														
130	5.30	5.83	6.63	7.27	7.33														
135	6.11	6.58	7.28	7.78	7.67														
140	6.86	7.24	7.81	8.20	7.95														
145	7.54	7.80	8.22	8.52	8.26														
150	8.06	8.24	8.47	8.65	8.39														
155	8.42	8.56	8.70	8.70	8.43														
160	8.75	8.80	8.81	8.80	8.51														
165	9.01	9.04	8.95	8.88	8.61														
170	9.12	9.15	9.05	8.81	8.69														
175	9.00	8.99	8.94	8.73	8.63														
180	8.69	8.70	8.70	8.52	8.54														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-07-24

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: 36合1