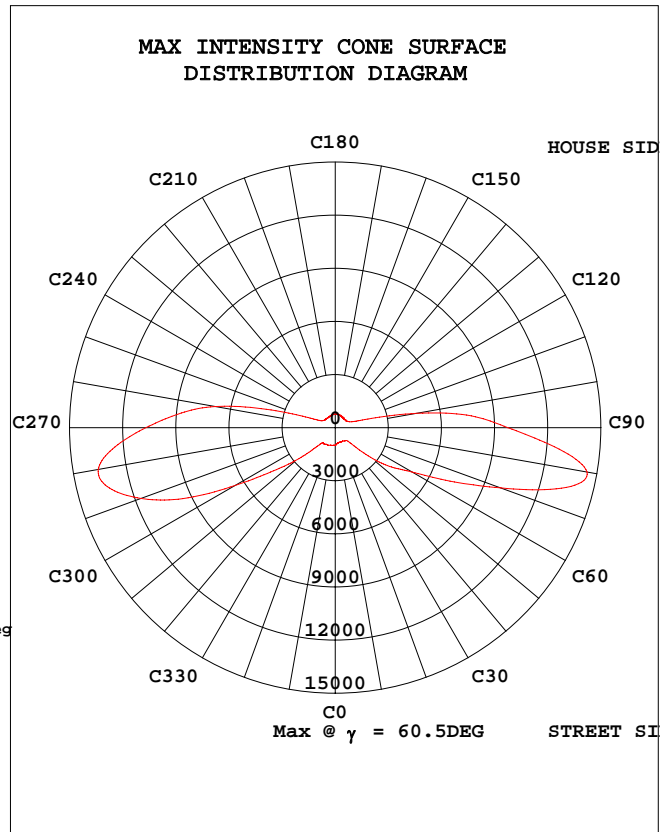
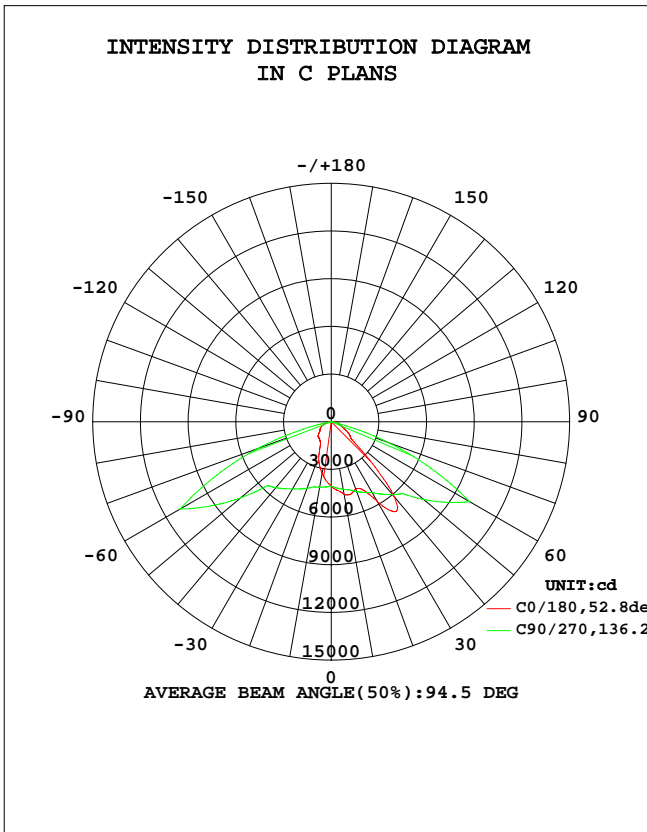


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.02 lm/W			
MODEL	SL2-180W	I _{max} (cd)	14435	η street_up(%)	0.0
NOMINAL POWER(W)	193.8	LOR(%)	100.0	η street_down(%)	74.1
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16282	η house_up(%)	0.0
NOMINAL FLUX(lm)	16282.2	MAXIMUM @(C,γ)	80,60.5	η house_down(%)	25.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220.6	η down(%)	100.0	SLI	



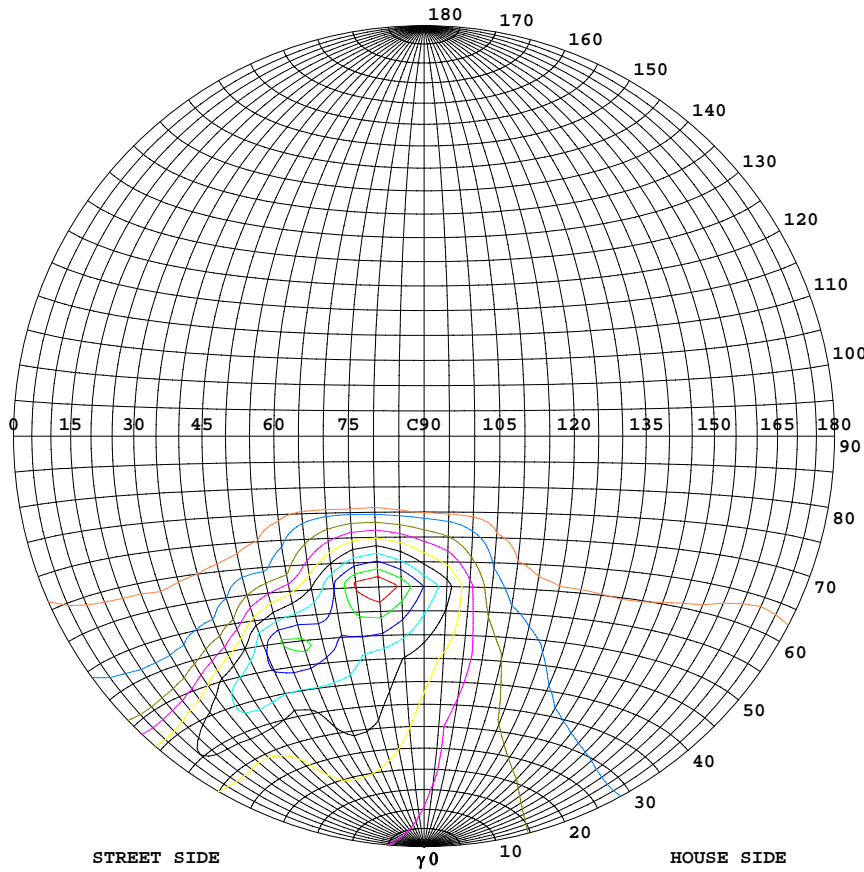
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-08-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



Classification:

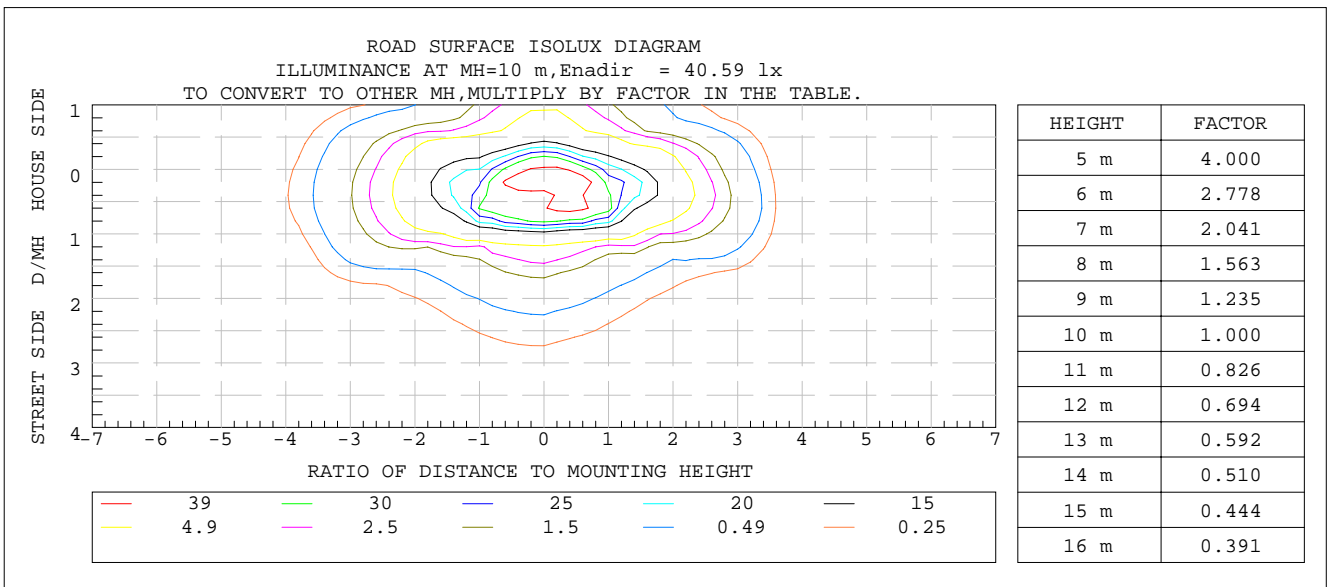
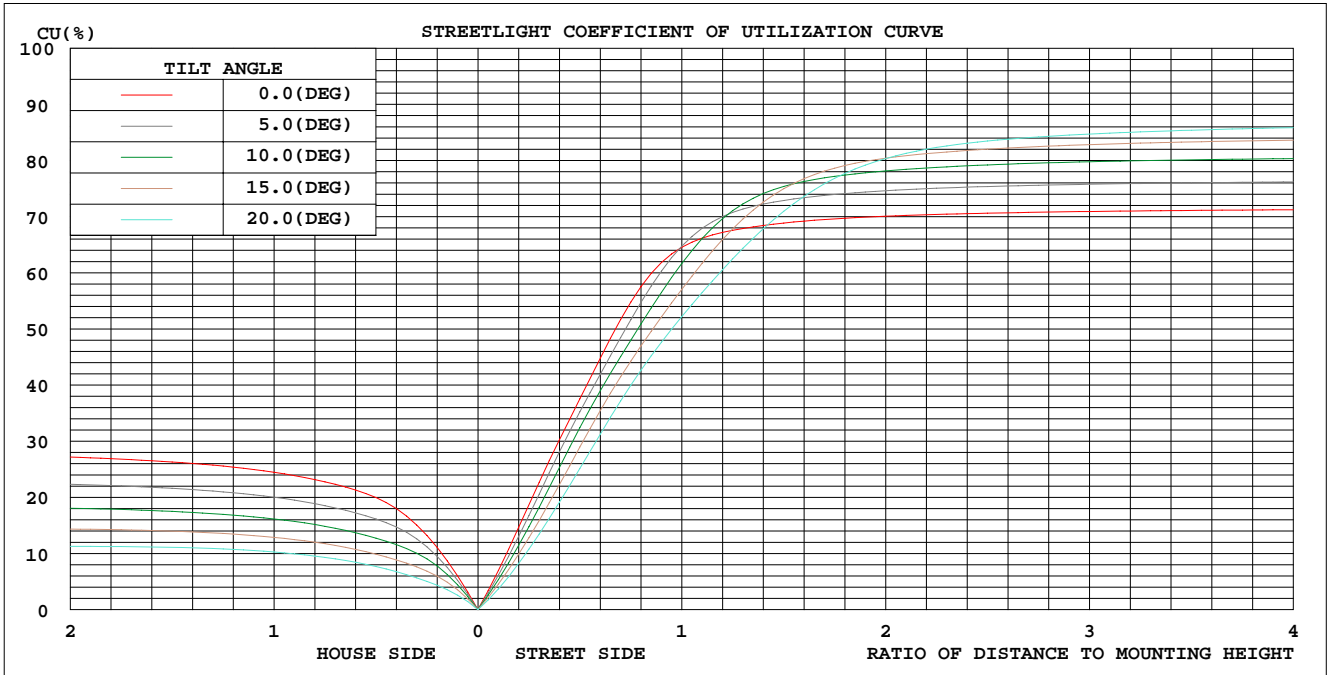
IES:Type I - Very Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:25.02cd/klm
 Max.At90:4.918cd/klm
 Max.80-90:25.02cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14435
90%	12991
80%	11548
70%	10104
60%	8661
50%	7217
40%	5774
30%	4330
20%	2887
10%	1443
5%	722

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YaoPeng
 Test Date:2013-08-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.370m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YaoPeng
Test Date: 2013-08-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity: 65.0%
Test Distance: 12.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

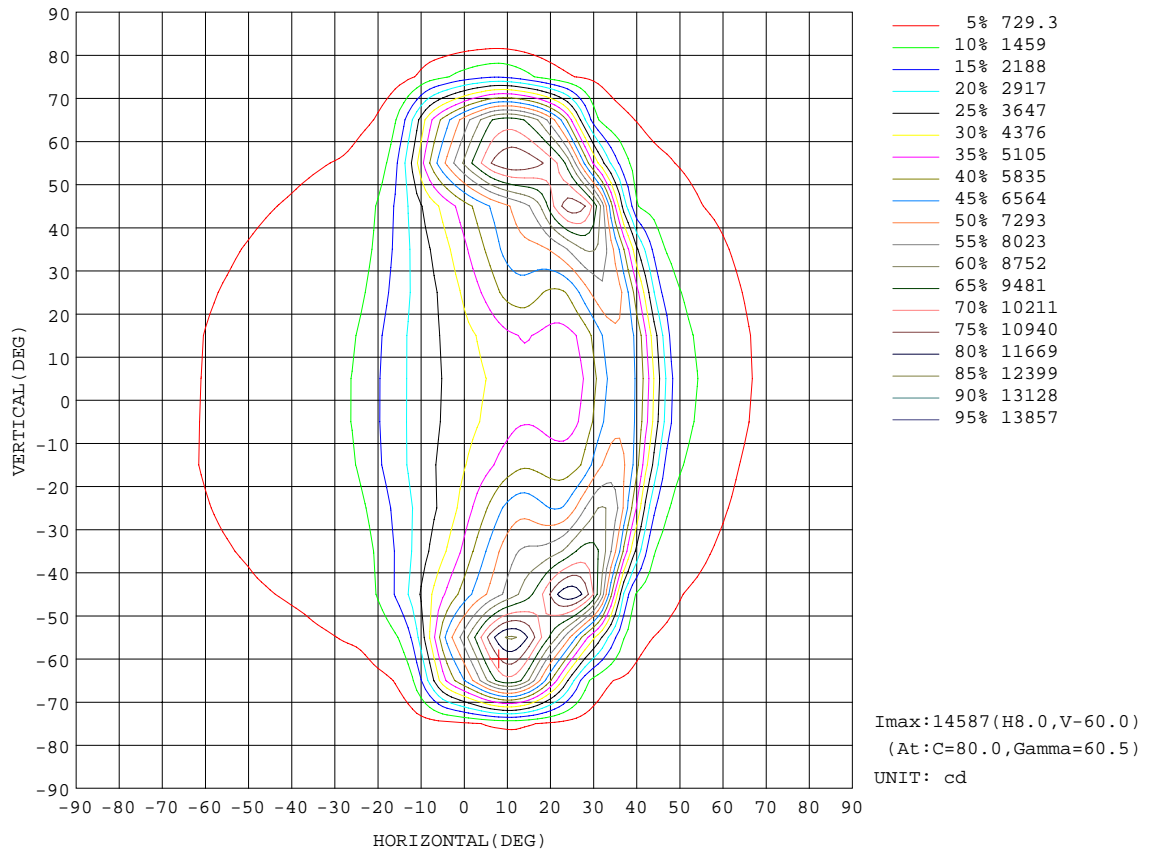
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	432.6	438.9	418.6	388.1	371.7	385.0	412.0	431.7	0- 5	97.76	97.76	0.60,0.60
10	462.5	481.2	431.3	362.2	330.6	358.1	418.2	460.4	5- 10	294.7	392.5	2.41,2.41
15	472.1	533.1	444.0	331.0	285.9	328.0	424.4	494.3	10- 15	492.5	885.0	5.44,5.44
20	451.1	568.7	467.5	295.2	230.4	294.9	445.5	511.9	15- 20	680.2	1565	9.61,9.61
25	473.2	593.2	491.0	247.0	163.3	250.2	466.5	524.6	20- 25	854.8	2420	14.9,14.9
30	577.3	622.7	514.4	188.7	141.0	191.7	487.6	545.8	25- 30	1042	3462	21.3,21.3
35	690.9	722.6	556.2	141.5	131.3	143.8	514.6	623.9	30- 35	1292	4754	29.2,29.2
40	619.4	908.4	598.0	117.2	126.8	118.6	541.5	787.1	35- 40	1565	6319	38.8,38.8
45	344.1	950.8	639.8	107.1	113.8	105.9	568.5	869.8	40- 45	1721	8040	49.4,49.4
50	164.1	718.8	761.9	96.03	94.63	97.08	745.7	701.9	45- 50	1733	9773	60,60
55	139.4	340.6	884.0	84.31	86.57	85.73	922.9	380.5	50- 55	1708	11480	70.5,70.5
60	103.5	140.4	1006	71.43	78.33	73.17	1100	174.4	55- 60	1641	13121	80.6,80.6
65	76.40	80.87	692.0	59.73	65.28	62.41	794.0	95.47	60- 65	1407	14528	89.2,89.2
70	60.82	55.53	377.8	47.60	50.67	49.93	487.8	67.90	65- 70	958.2	15486	95.1,95.1
75	49.27	36.99	63.67	34.27	30.20	36.11	181.6	47.93	70- 75	535.6	16022	98.4,98.4
80	39.20	18.69	0	18.25	14.21	19.54	0	27.04	75- 80	204.8	16227	99.7,99.7
85	20.29	0	0	0	1.753	0	0	0	80- 85	48.77	16275	100,100
90	8.008	0	0	0	0.1817	0	0	0	85- 90	6.704	16282	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YaoPeng
 Test Date:2013-08-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

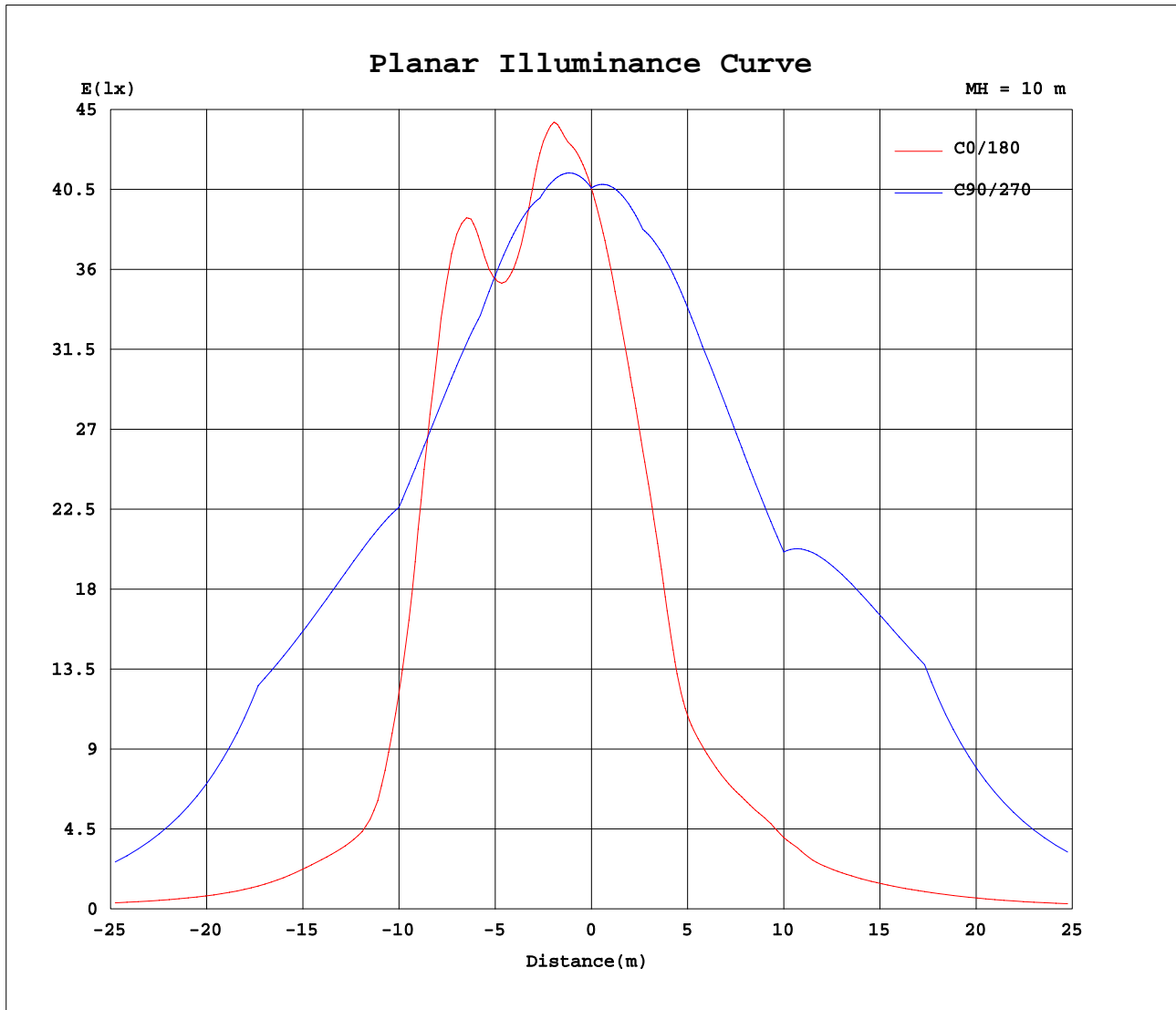
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
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 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.370m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YaoPeng
 Test Date: 2013-08-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity: 65.0%
 Test Distance: 12.370m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: x10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406				
5	420	423	425	427	429	430	432	433	434	434	435	435	434	434	433				
10	436	441	446	450	454	458	460	463	465	467	467	468	467	466	465				
15	453	462	471	479	486	491	494	496	496	494	491	487	483	479	476				
20	499	515	527	530	527	521	512	504	495	487	479	472	466	461	456				
25	559	585	593	590	573	549	525	503	487	483	481	481	481	481	478				
30	628	653	651	627	593	563	546	540	539	536	541	559	574	582	583				
35	672	694	687	654	609	602	624	658	677	683	683	688	696	697	695				
40	705	731	741	757	761	765	787	806	797	761	718	685	655	628	616				
45	738	784	854	937	962	932	870	797	744	605	507	440	395	357	339				
50	918	924	998	1105	1105	939	702	527	401	316	230	202	178	167	164				
55	1118	1068	1032	961	834	645	381	216	187	148	141	140	139	140	138				
60	1302	1162	961	686	461	308	174	115	115	112	110	111	107	106	103				
65	993	902	709	378	150	126	95.5	86.8	85.5	79.1	77.6	77.9	77.2	77.1	76.5				
70	591	524	396	199	97.1	79.5	67.9	60.3	59.6	59.6	59.9	60.7	61.4	61.5	61.3				
75	192	166	136	89.4	64.4	54.9	47.9	45.1	45.4	47.1	48.9	49.8	50.1	50.4	49.9				
80	10.4	13.0	14.7	17.8	21.3	23.4	27.0	32.5	34.0	36.1	38.3	40.0	40.6	40.7	40.1				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.3	24.1	25.9	24.6	21.4			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
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γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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 Humidity: 65.0%
 Test Distance: 12.370m [K=1.0000]
 Remarks: