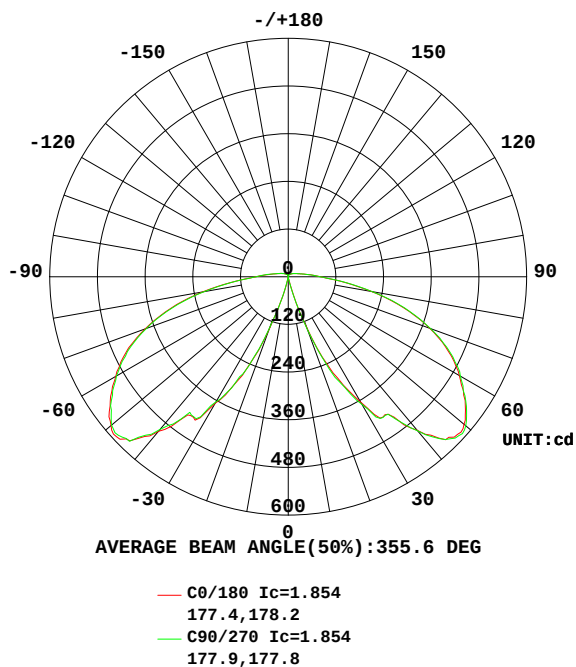
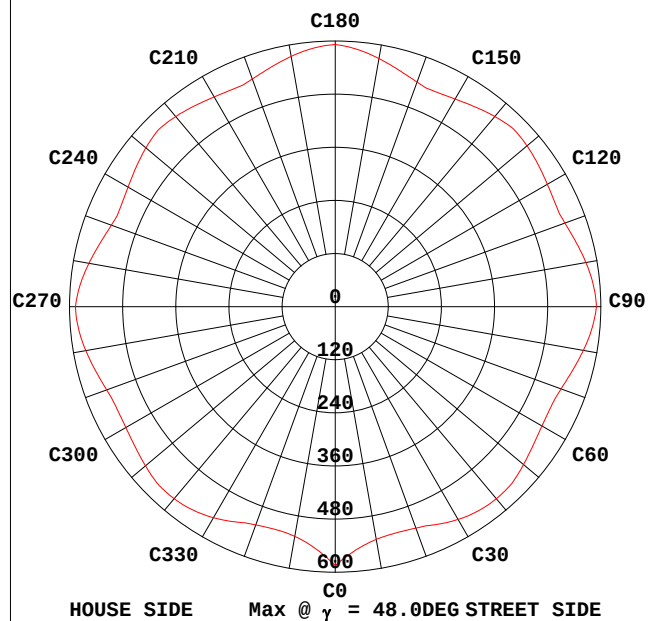


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.1739A P:20.712W PF:0.9939 Freq:59.98Hz Lamp Flux:2369.95x1 lm		
NAME: PLTS-12361 22W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

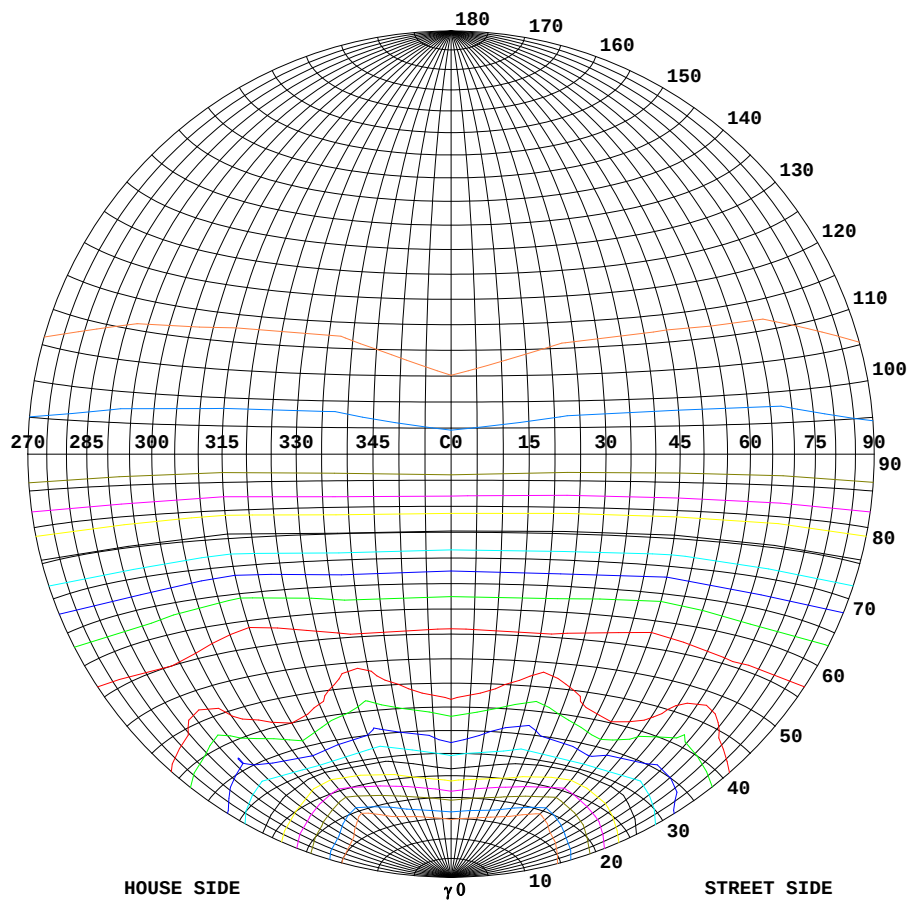
DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.43 lm/W			
MODEL		I _{max} (cd)	592.1	η street_up(%)	3.6
NOMINAL POWER(W)	25	LOR(%)	100.0	η street_down(%)	46.4
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2370	η house_up(%)	3.7
NOMINAL FLUX(lm)	2369.95	MAXIMUM @(C,γ)	180,48.0	η house_down(%)	46.3
LAMPS INSIDE	1	η up(%)	7.3	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	92.7	SLI	20.603

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

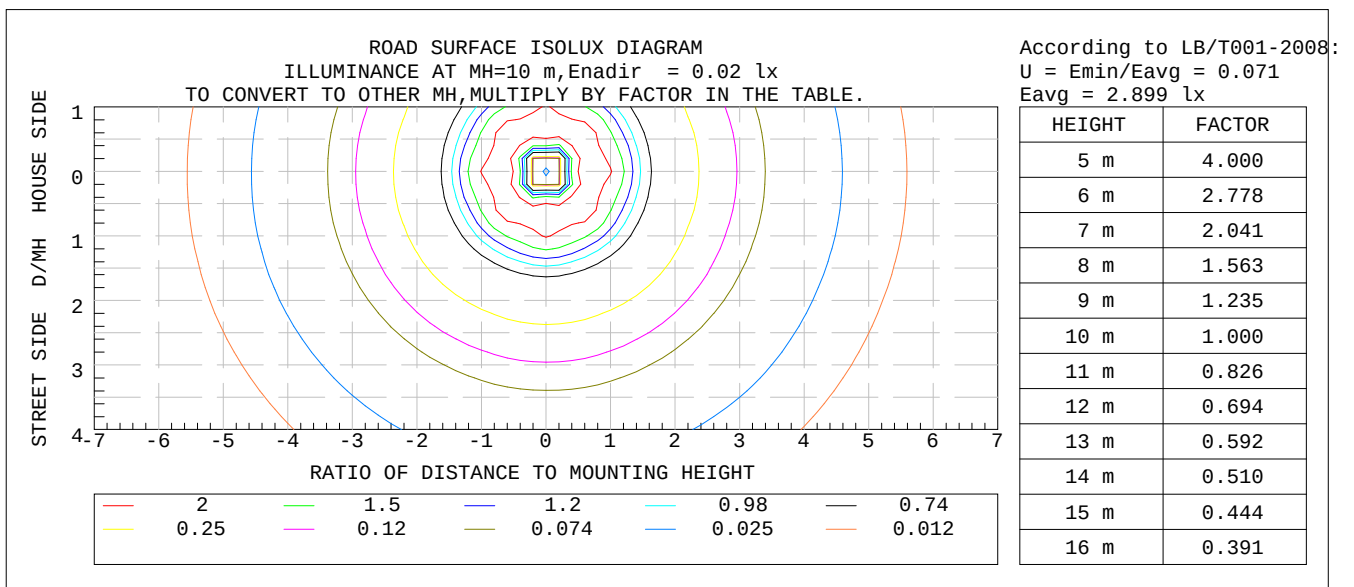
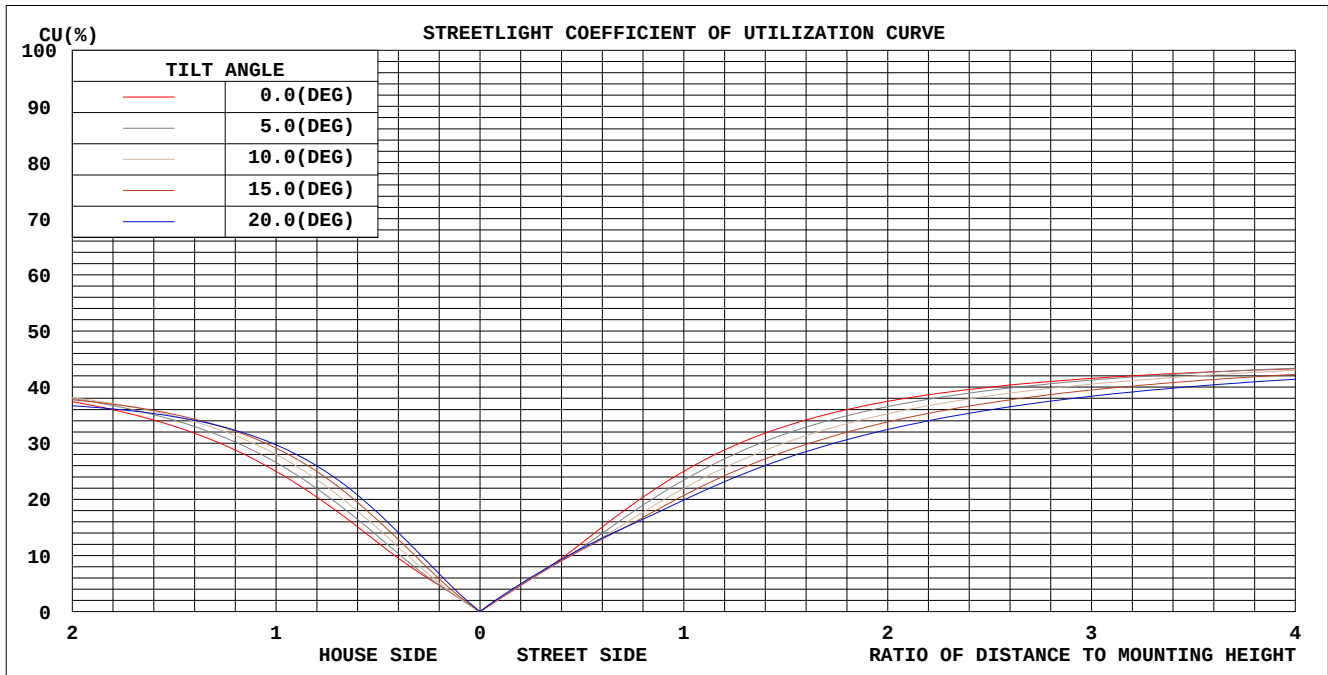
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:93.65cd/klm
 Max.At90:38.20cd/klm
 Max.80-90:93.65cd/klm
 NRB 5101:Semi limited[12.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	592
90%	533
80%	474
70%	414
60%	355
50%	296
40%	237
30%	178
20%	118
10%	59
5%	30

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2022-05-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.450m [K=1.0000]
Remarks:

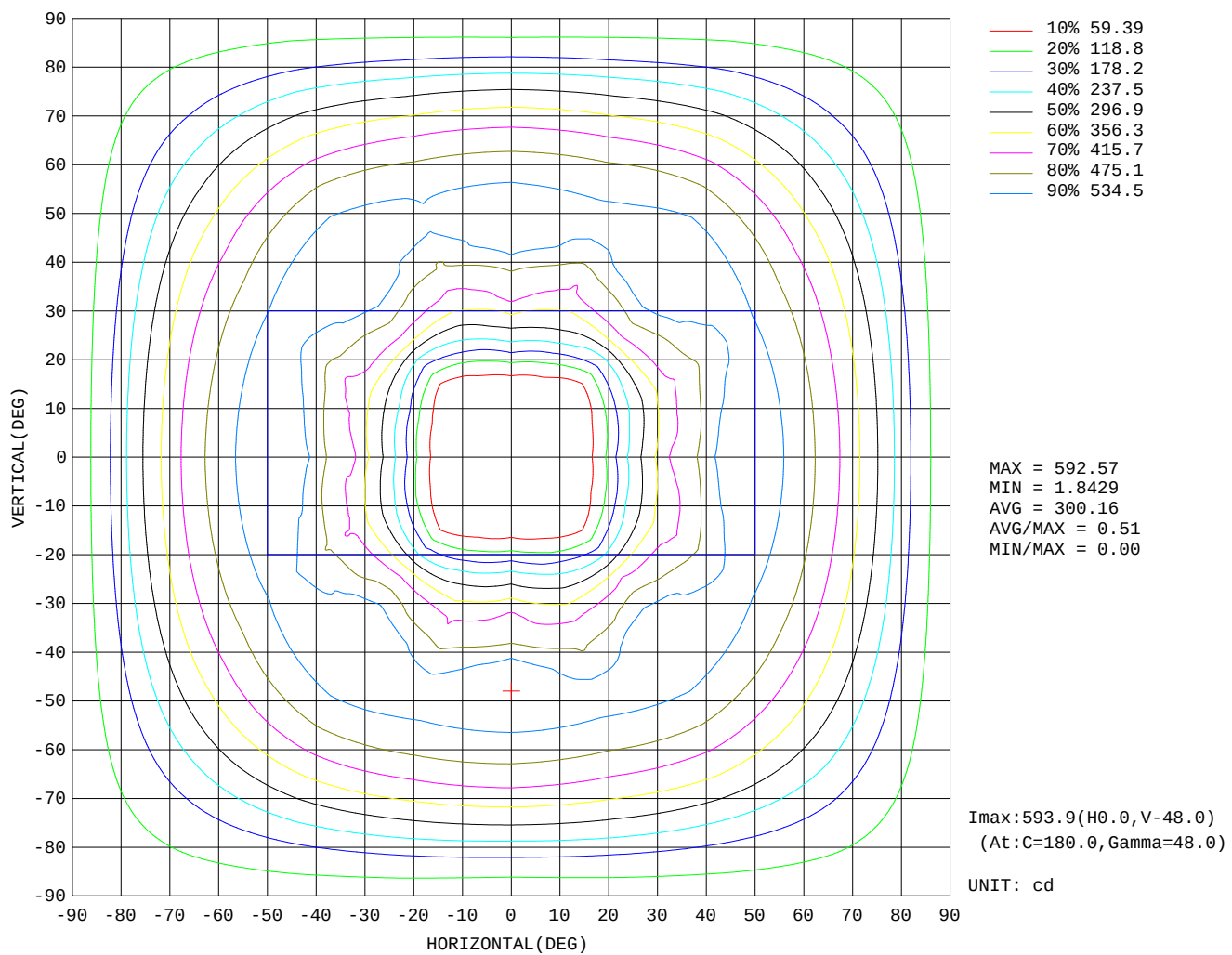
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4.321	4.058	3.739	4.142	4.218	4.191	4.035	4.152	0- 10	0.2863	0.2863	0.01,0.01
20	134.6	42.03	141.9	44.41	137.6	41.04	136.7	40.57	10- 20	9.891	10.18	0.43,0.43
30	364.3	314.2	370.2	326.5	367.0	320.5	363.5	313.7	20- 30	104.6	114.8	4.84,4.84
40	504.6	522.6	506.0	536.3	507.4	523.4	501.2	528.7	30- 40	264.3	379.1	16,16
50	577.7	560.2	583.2	562.5	582.4	563.5	580.7	567.9	40- 50	416.7	795.8	33.6,33.6
60	497.4	507.3	500.2	516.4	501.1	520.2	499.3	517.0	50- 60	484.1	1280	54,54
70	378.6	383.7	380.9	386.0	383.0	386.4	379.5	386.2	60- 70	443.9	1724	72.7,72.7
80	212.1	215.0	213.7	219.6	217.4	221.0	213.3	219.3	70- 80	319.3	2043	86.2,86.2
90	80.87	89.56	80.52	90.53	81.03	89.91	81.59	89.69	80- 90	154.2	2197	92.7,92.7
100	39.99	51.93	39.68	52.65	40.50	52.83	41.31	52.92	90-100	71.97	2269	95.8,95.8
110	23.55	31.99	23.80	32.54	24.44	32.70	24.67	32.51	100-110	40.80	2310	97.5,97.5
120	16.30	22.25	16.43	22.50	16.82	22.61	16.91	22.46	110-120	24.76	2335	98.5,98.5
130	12.10	16.57	12.13	16.55	12.30	16.71	12.30	16.61	120-130	15.71	2351	99.2,99.2
140	8.736	11.78	8.971	11.65	9.022	11.77	9.019	11.60	130-140	9.713	2360	99.6,99.6
150	7.084	7.431	6.945	7.224	6.944	7.250	6.840	7.446	140-150	5.550	2366	99.8,99.8
160	4.867	5.340	4.567	5.086	4.619	5.010	4.450	5.184	150-160	2.804	2369	99.9,99.9
170	2.606	2.656	2.488	2.617	2.514	2.604	2.466	2.660	160-170	1.135	2370	100,100
180	0.5443	0.5619	0.5411	0.5619	0.5443	0.5507	0.5354	0.5507	170-180	0.1776	2370	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2022-05-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

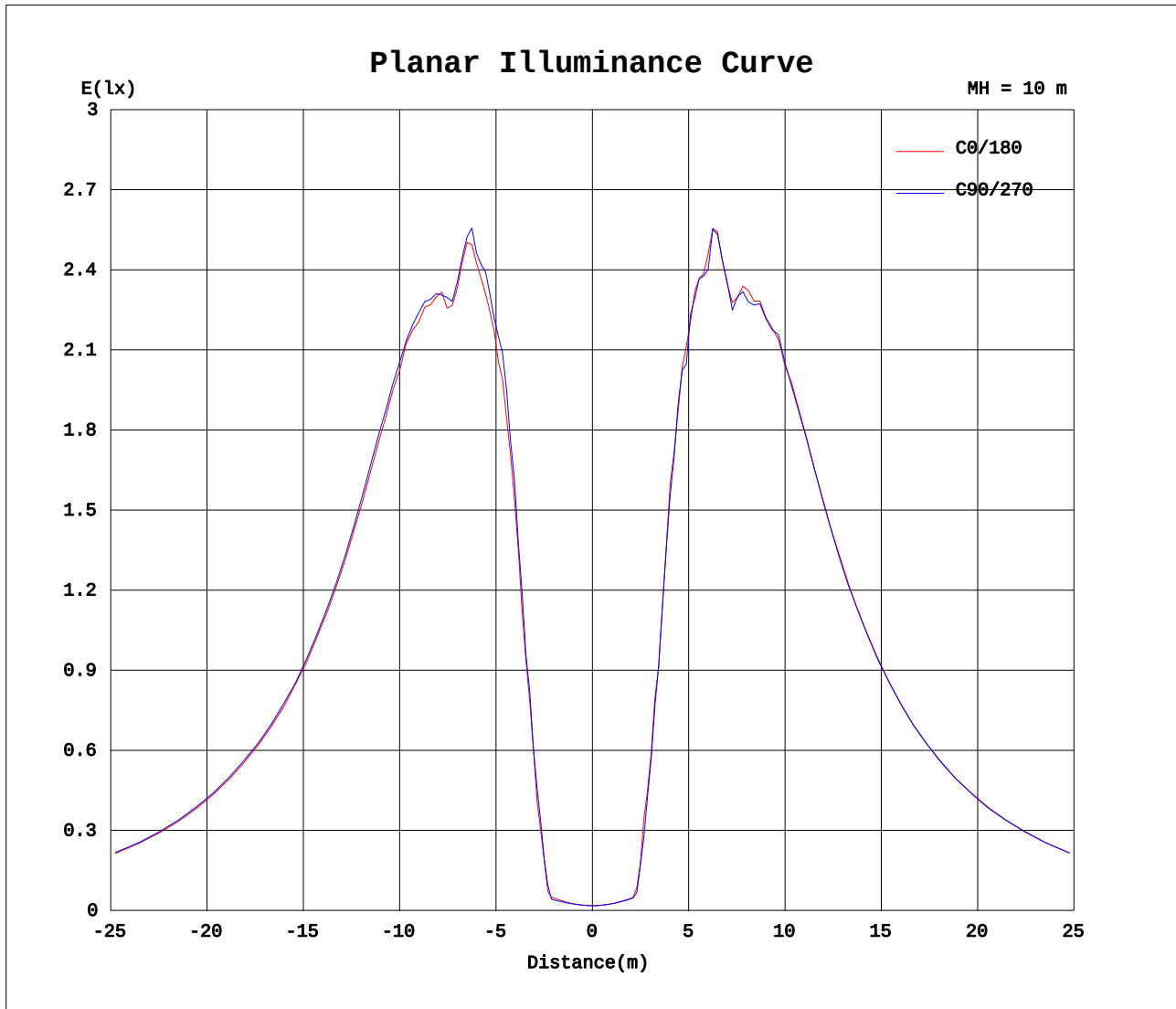
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



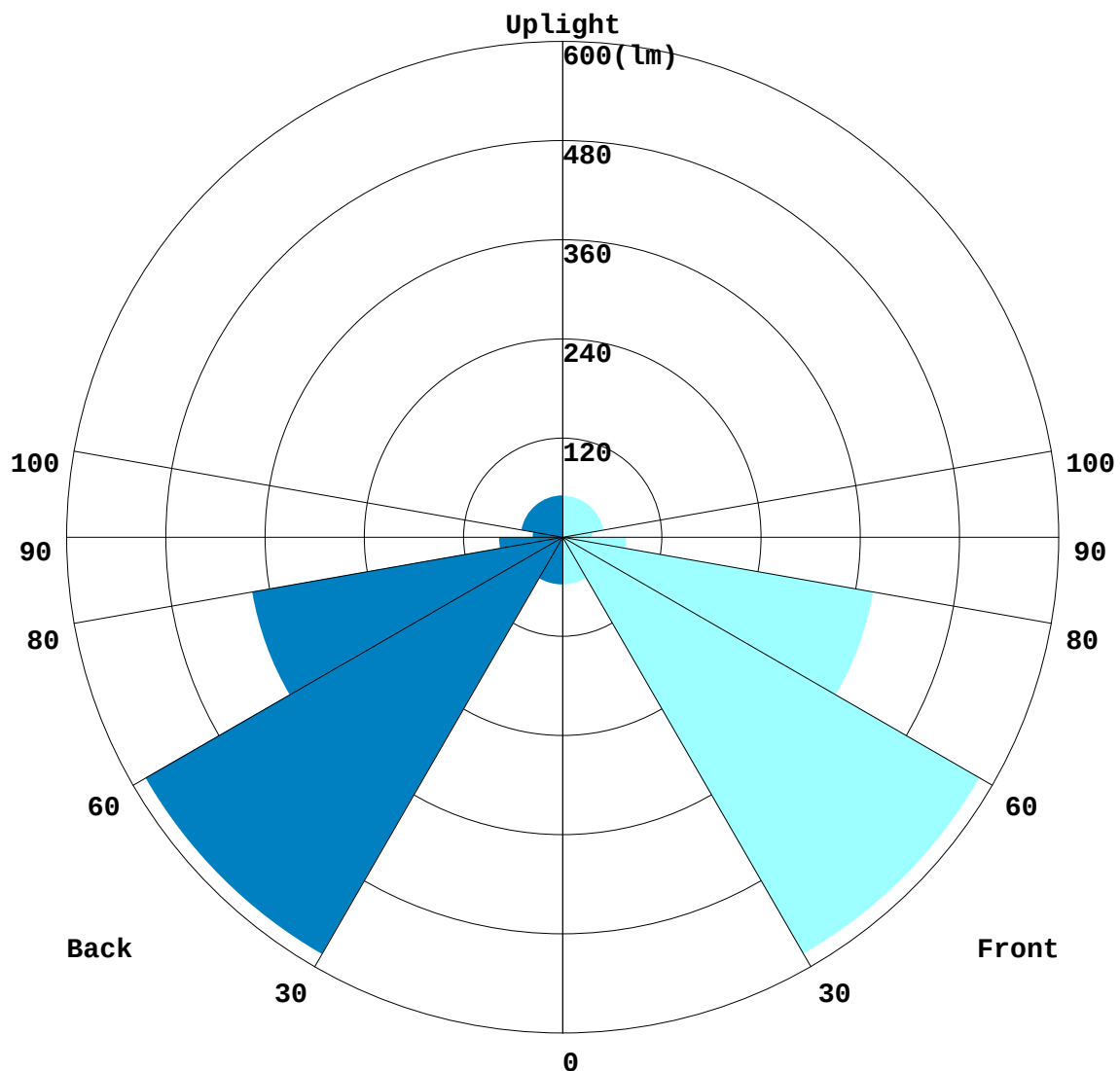
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.450m [K=1.0000]
Remarks:

LCS REPORT

Test:U:119.86V I:0.1739A P:20.712W PF:0.9939 Freq:59.98Hz Lamp Flux:2369.95x1 lm		
NAME: PLTS-12361 22W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

BUG REPORT

Test:U:119.86V I:0.1739A P:20.712W PF:0.9939 Freq:59.98Hz Lamp Flux:2369.95x1 lm		
NAME: PLTS-12361 22W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	57.404	2.4
FM - Front-Medium(30-60)	582.47	24.6
FH - Front-High(60-80)	381.79	16.1
FVH - Front-Very High(80-90)	77.274	3.3
Total Forward Light	1184.9	50.0

BL - Back-Low(0-30)	57.396	2.4
BM - Back-Medium(30-60)	582.58	24.6
BH - Back-High(60-80)	381.48	16.1
BVH - Back-Very High(80-90)	76.934	3.2
Total Back Light	1185.1	50.0

UL - Uplight-Low(90-100)	71.965	3.0
UH - Uplight-High(100-180)	100.65	4.2
Total Up Light	172.62	7.3

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1098.4	86.707	1185.1
Street Side	1098.9	85.909	1184.9

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

```

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85			
5	2.45	2.44	2.45	2.31	2.38	2.41	2.50	2.43	2.45	2.47	2.46	2.52	2.40	2.41	2.40	2.47			
10	4.32	4.25	4.06	3.79	3.74	3.91	4.14	4.19	4.22	4.34	4.19	4.24	4.04	4.05	4.15	4.39			
15	32.9	17.8	6.75	16.9	36.5	20.1	6.88	18.7	38.2	22.6	7.03	15.7	30.5	22.2	7.14	15.5			
20	135	102	42.0	101	142	108	44.4	100	138	107	41.0	99.1	137	107	40.6	96.2			
25	267	232	161	223	279	235	171	225	273	239	161	223	270	238	164	221			
30	364	324	314	321	370	335	327	323	367	335	320	320	364	330	314	318			
35	424	407	447	408	426	419	452	416	427	412	442	410	425	415	446	413			
40	505	452	523	452	506	464	536	459	507	465	523	450	501	459	529	457			
45	572	510	567	505	577	523	570	507	577	518	563	502	576	520	572	509			
50	578	549	560	545	583	563	562	544	582	545	563	543	581	554	568	546			
55	543	539	544	540	546	548	551	541	547	546	549	535	543	539	550	541			
60	497	502	507	499	500	509	516	504	501	503	520	502	499	503	517	503			
65	445	448	449	445	449	454	459	451	450	446	459	445	447	450	459	446			
70	379	380	384	379	381	388	386	383	383	382	386	378	379	381	386	378			
75	299	304	303	303	303	309	307	306	305	304	308	300	301	303	307	300			
80	212	217	215	218	214	222	220	218	217	216	221	214	213	216	219	213			
85	132	137	135	137	134	140	137	138	135	138	137	135	133	136	137	137			
90	80.9	87.4	89.6	88.9	80.5	88.4	90.5	88.5	81.0	85.8	89.9	87.4	81.6	87.2	89.7	88.8			
95	57.4	67.1	67.5	67.8	56.7	67.5	67.9	68.2	57.3	67.2	68.1	68.6	59.0	67.9	68.8	69.3			
100	40.0	50.9	51.9	52.5	39.7	51.4	52.7	53.2	40.5	51.4	52.8	53.4	41.3	51.3	52.9	53.7			
105	29.8	39.1	40.1	40.4	29.9	39.7	40.8	41.4	30.6	39.7	41.0	41.5	31.0	39.4	40.8	41.5			
110	23.6	31.0	32.0	32.0	23.8	31.6	32.5	32.8	24.4	31.5	32.7	32.9	24.7	31.3	32.5	32.9			
115	19.3	25.3	26.4	26.1	19.5	25.8	26.7	26.7	20.1	25.5	26.9	26.8	20.2	25.5	26.7	26.8			
120	16.3	20.8	22.3	21.9	16.4	21.3	22.5	22.2	16.8	21.0	22.6	22.3	16.9	21.0	22.5	22.2			
125	14.0	17.2	19.2	18.3	14.1	17.6	19.3	18.5	14.4	17.4	19.4	18.5	14.4	17.5	19.3	18.4			
130	12.1	14.4	16.6	15.3	12.1	14.7	16.5	15.4	12.3	14.6	16.7	15.5	12.3	14.7	16.6	15.3			
135	10.2	12.2	14.2	12.9	10.4	12.5	14.1	13.0	10.5	12.3	14.2	13.0	10.5	12.5	14.1	12.7			
140	8.74	10.2	11.8	10.7	8.97	10.4	11.6	10.6	9.02	10.1	11.8	10.6	9.02	10.4	11.6	10.4			
145	7.84	8.85	9.38	9.00	7.84	8.93	9.42	8.87	7.79	8.70	9.50	8.88	7.70	8.91	9.27	8.87			
150	7.08	7.58	7.43	7.44	6.95	7.51	7.22	7.46	6.94	7.38	7.25	7.39	6.84	7.54	7.45	7.28			
155	5.75	6.14	6.16	5.88	5.72	6.04	5.90	5.94	5.70	5.88	5.90	5.88	5.69	6.12	6.00	6.05			
160	4.87	5.22	5.34	4.87	4.57	4.91	5.09	4.96	4.62	4.86	5.01	4.77	4.45	4.83	5.18	5.27			
165	3.88	4.31	4.30	3.85	3.49	3.95	4.22	3.91	3.52	3.88	4.09	3.79	3.40	3.77	4.10	4.40			
170	2.61	2.91	2.66	2.73	2.49	2.87	2.62	2.69	2.51	2.71	2.60	2.78	2.47	2.80	2.66	2.95			
175	1.40	1.61	1.47	1.52	1.32	1.47	1.42	1.49	1.29	1.43	1.46	1.53	1.36	1.49	1.54	1.71			
180	0.54	0.55	0.56	0.55	0.54	0.55	0.56	0.56	0.54	0.55	0.55	0.55	0.54	0.56	0.55	0.56			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks: