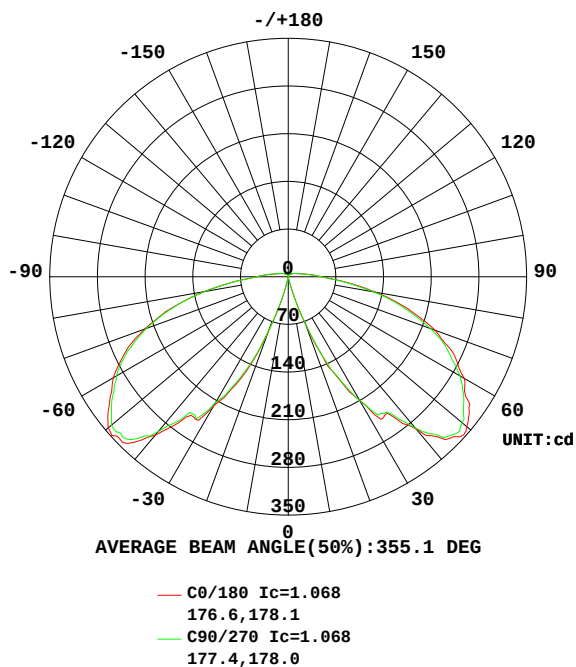
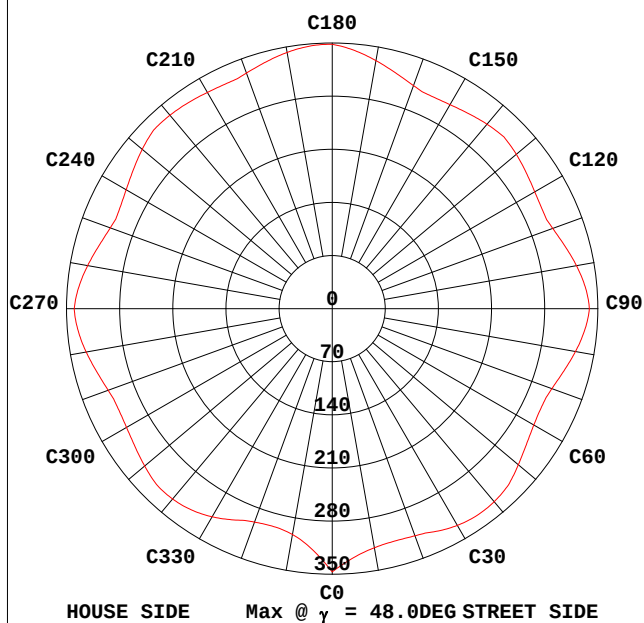


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.1005A P:11.876W PF:0.9861 Freq:59.98Hz Lamp Flux:1376.4x1 lm		
NAME: PLTS-12361 12W 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

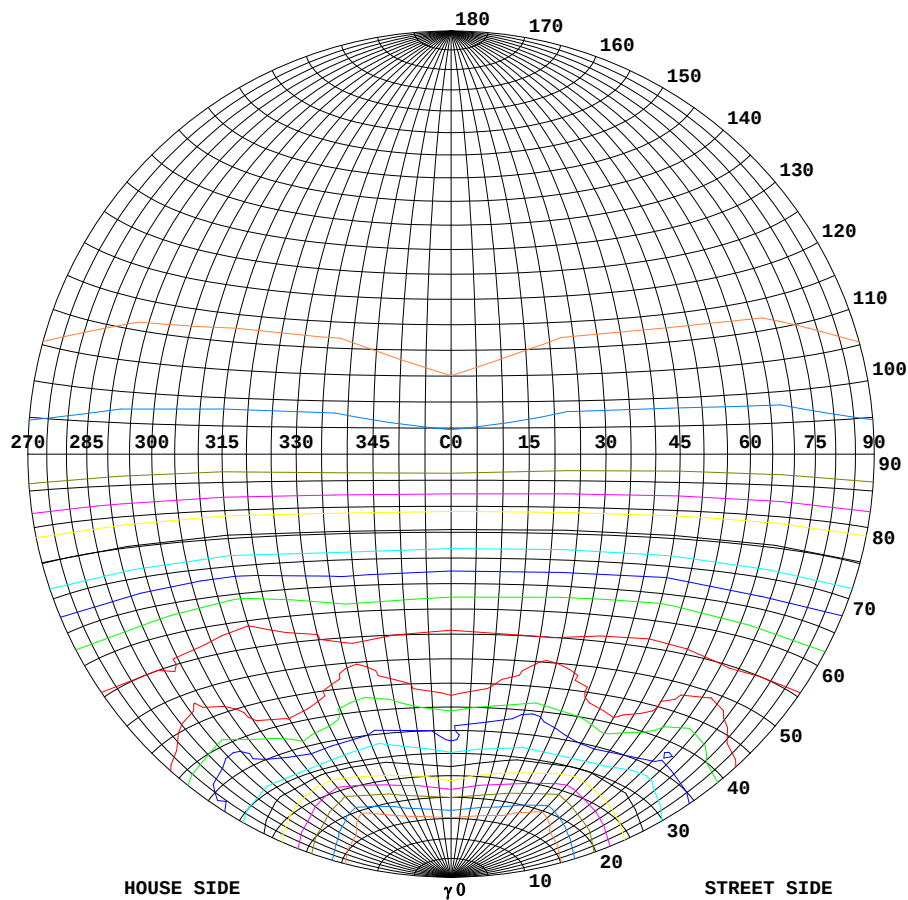
DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.90 lm/W			
MODEL		I _{max} (cd)	348.4	η street_up(%)	3.7
NOMINAL POWER(W)	25	LOR(%)	100.0	η street_down(%)	46.2
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1376	η house_up(%)	3.6
NOMINAL FLUX(lm)	1376.4	MAXIMUM @(C,γ)	180,48.0	η house_down(%)	46.5
LAMPS INSIDE	1	η up(%)	7.3	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	92.7	SLI	19.887

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:2022-05-09

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:

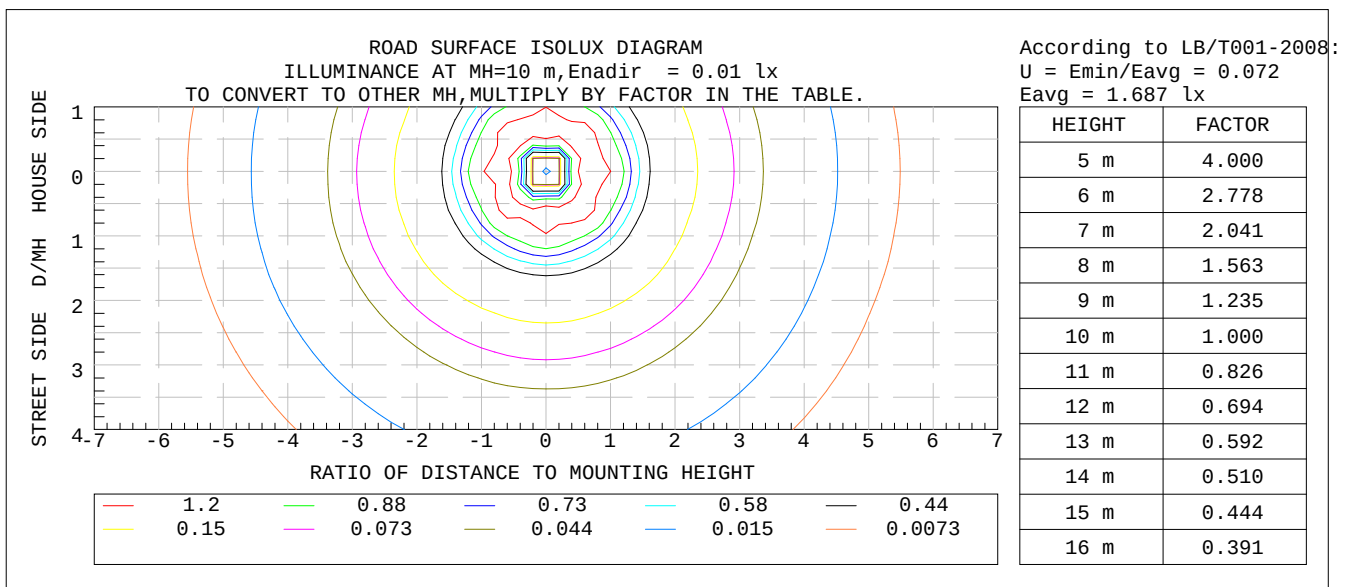
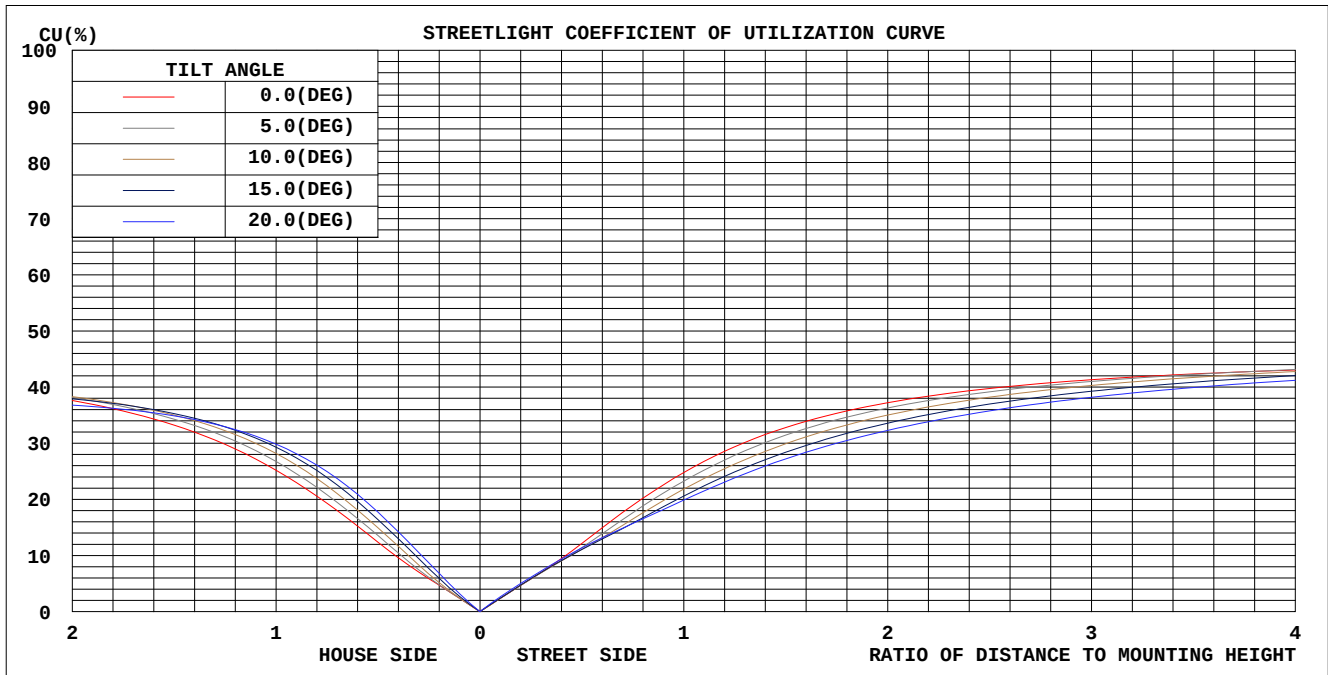
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:98.58cd/klm
 Max.At90:40.30cd/klm
 Max.80-90:98.58cd/klm
 NRB 5101:Semi limited[12.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	348
90%	314
80%	279
70%	244
60%	209
50%	174
40%	139
30%	105
20%	70
10%	35
5%	17

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2022-05-09

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: 2022-05-09

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:

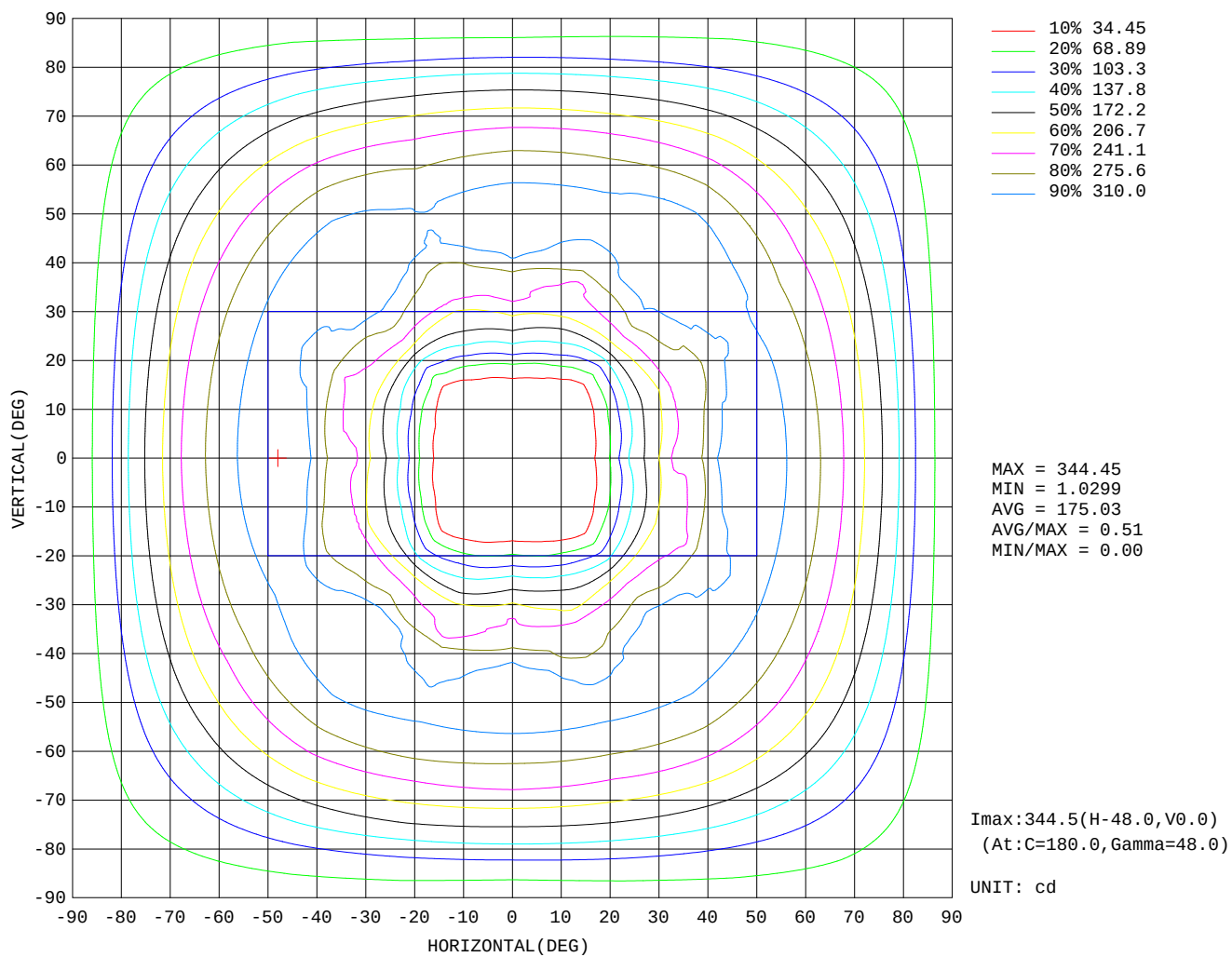
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	2.487	2.359	2.409	2.313	2.368	2.570	2.550	2.395	0- 10	0.1673	0.1673	0.01,0.01
20	71.21	18.88	73.97	24.66	86.78	30.72	83.75	22.18	10- 20	5.777	5.944	0.43,0.43
30	209.4	173.1	209.2	175.4	218.8	202.0	212.6	187.9	20- 30	60.23	66.17	4.81,4.81
40	291.6	296.1	290.1	299.3	303.5	316.5	296.6	299.7	30- 40	152.5	218.7	15.9,15.9
50	342.1	325.8	333.6	318.5	345.1	328.8	338.6	322.7	40- 50	241.8	460.4	33.5,33.5
60	298.6	301.5	291.2	289.9	296.2	300.7	291.0	296.1	50- 60	281.2	741.7	53.9,53.9
70	229.0	226.3	222.0	217.9	224.2	221.5	221.3	219.0	60- 70	258.4	1000	72.7,72.7
80	130.1	130.2	126.6	123.0	124.2	125.6	124.0	124.6	70- 80	186.0	1186	86.2,86.2
90	49.53	54.99	48.03	50.13	46.58	51.38	46.09	52.35	80- 90	89.97	1276	92.7,92.7
100	23.65	31.63	23.53	29.31	23.03	30.26	23.71	30.18	90-100	41.92	1318	95.8,95.8
110	13.92	19.33	13.97	18.03	13.81	18.76	13.91	18.62	100-110	23.66	1342	97.5,97.5
120	9.439	13.36	9.696	12.59	9.501	13.01	9.503	12.82	110-120	14.35	1356	98.5,98.5
130	6.981	9.947	7.295	9.403	6.999	9.525	7.035	9.451	120-130	9.109	1365	99.2,99.2
140	5.155	7.204	5.475	6.710	5.168	6.635	5.211	6.713	130-140	5.661	1371	99.6,99.6
150	4.225	4.574	4.254	4.272	4.022	4.098	4.026	4.213	140-150	3.256	1374	99.8,99.8
160	2.962	3.187	2.819	2.891	2.759	2.918	2.693	2.999	150-160	1.657	1376	99.9,99.9
170	1.752	1.728	1.452	1.425	1.381	1.429	1.523	1.586	160-170	0.6696	1376	100,100
180	0.2755	0.2839	0.2655	0.4434	0.2697	0.2783	0.2655	0.4489	170-180	0.1036	1376	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:2022-05-09

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:

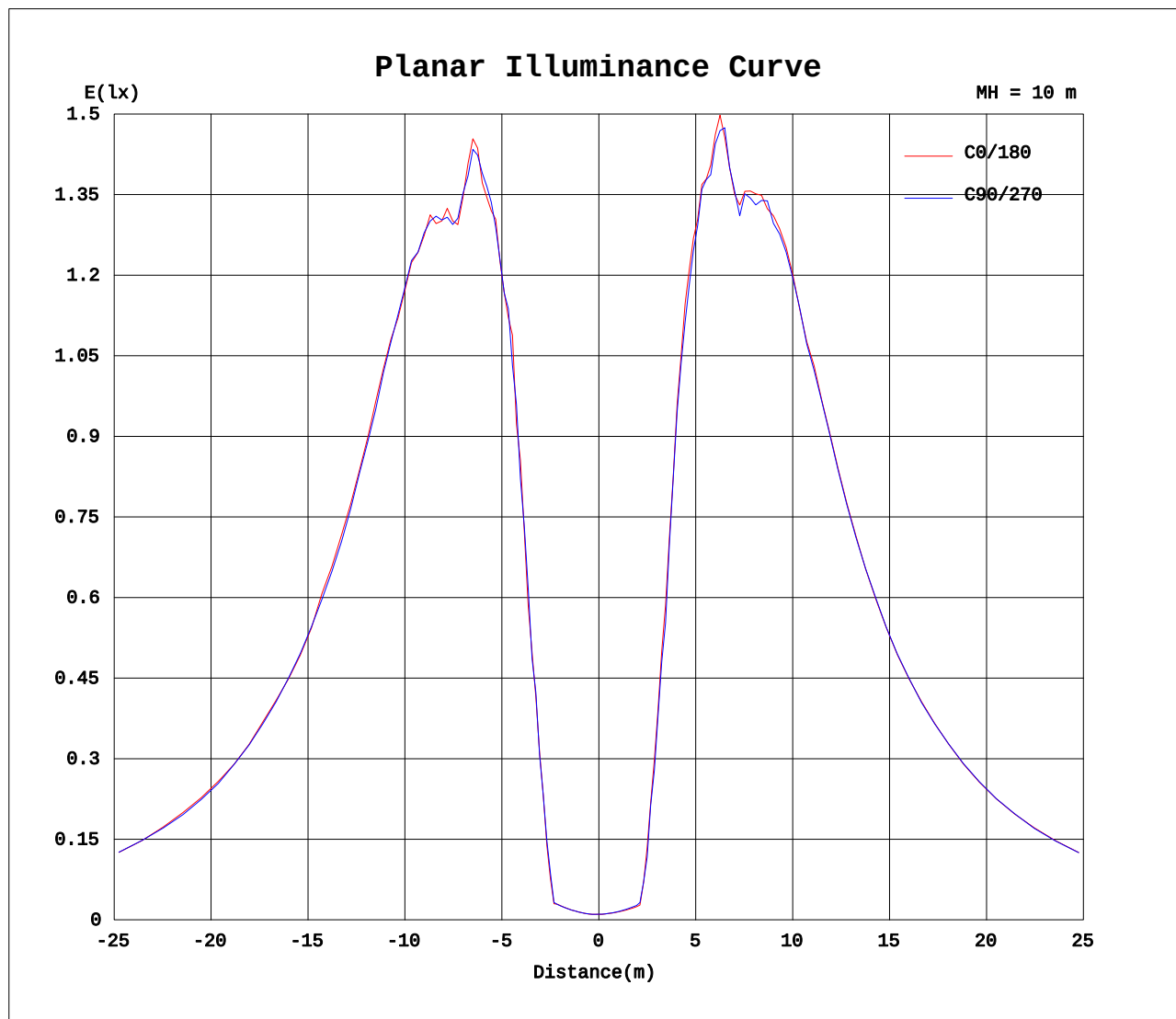
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-09

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



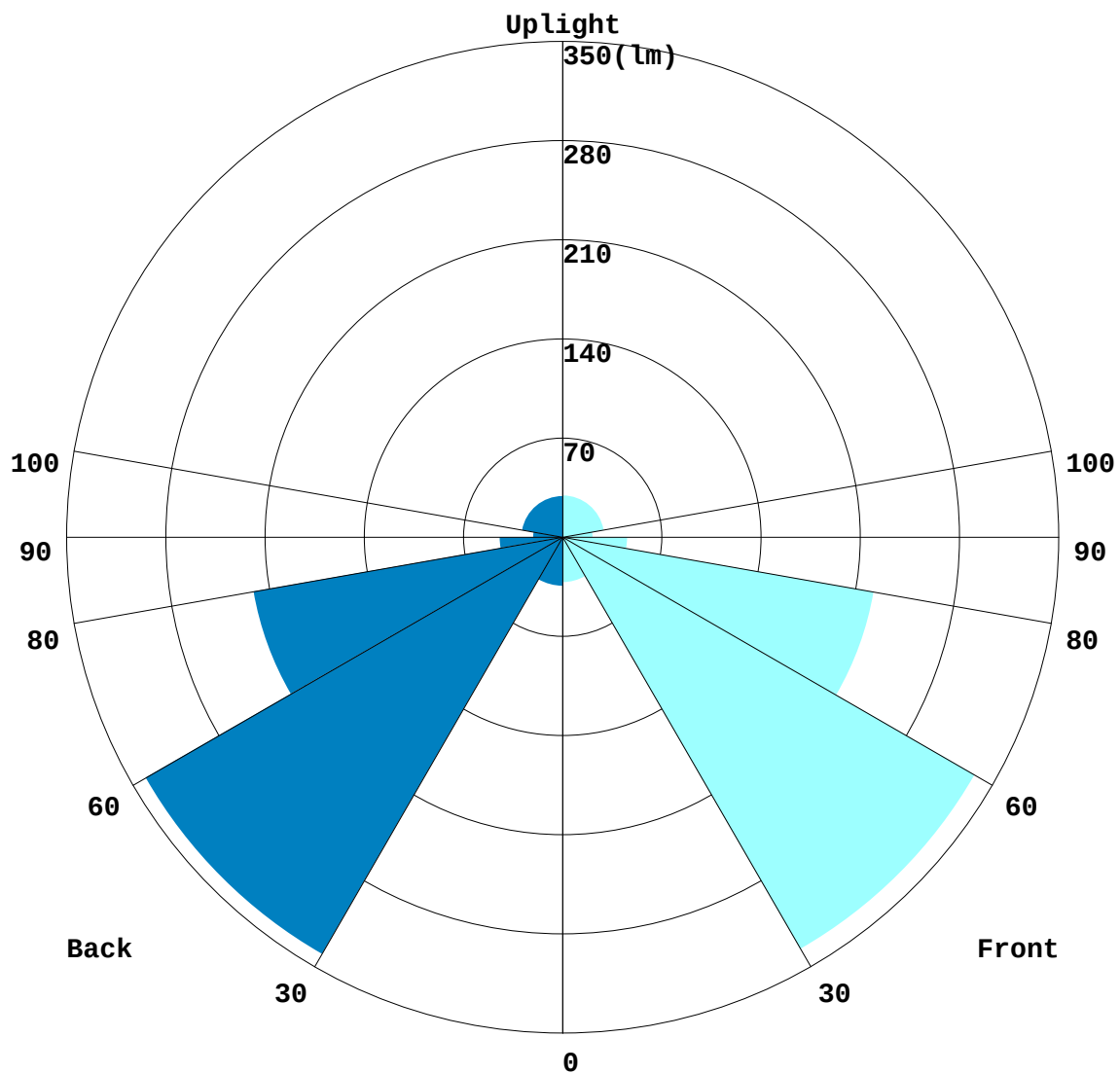
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-09

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:119.88V I:0.1005A P:11.876W PF:0.9861 Freq:59.98Hz Lamp Flux:1376.4x1 lm		
NAME: PLTS-12361 12W 5000K	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: 2022-05-09

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:119.88V I:0.1005A P:11.876W PF:0.9861 Freq:59.98Hz Lamp Flux:1376.4x1 lm		
NAME: PLTS-12361 12W 5000K	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)	31.821	2.3
FM - Front-Medium(30-60)	335.68	24.4
FH - Front-High(60-80)	222.94	16.2
FVH - Front-Very High(80-90)	45.594	3.3
Total Forward Light	686.69	49.9

BL - Back-Low(0-30)	34.348	2.5
BM - Back-Medium(30-60)	339.83	24.7
BH - Back-High(60-80)	221.42	16.1
BVH - Back-Very High(80-90)	44.375	3.2
Total Back Light	689.71	50.1

UL - Uplight-Low(90-100)	41.924	3.0
UH - Uplight-High(100-180)	58.465	4.2
Total Up Light	100.39	7.3

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	639.97	49.736	689.71
Street Side	636.04	50.653	686.69

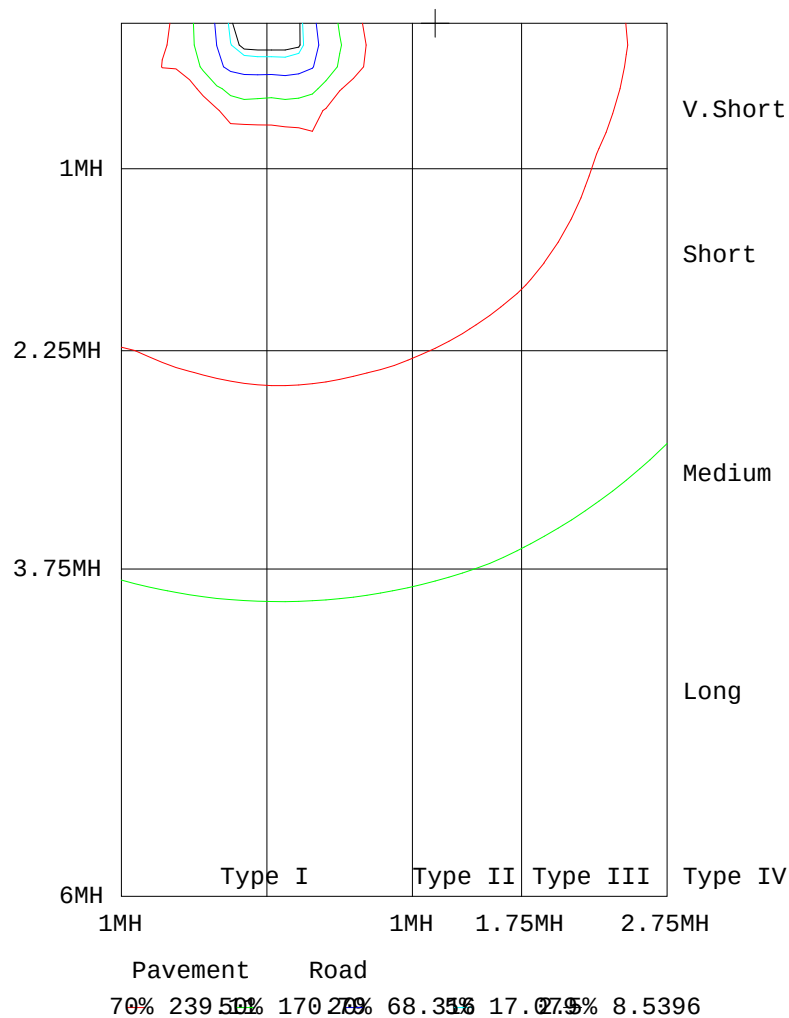
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-09

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:

ROAD ISOCANDELA REPORT

Test:U:119.88V I:0.1005A P:11.876W PF:0.9861 Freq:59.98Hz Lamp Flux:1376.4x1 lm		
NAME: PLTS-12361 12W 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-09

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:

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	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07			
5	1.38	1.34	1.31	1.33	1.35	1.41	1.39	1.40	1.44	1.48	1.50	1.51	1.47	1.44	1.40	1.39			
10	2.49	2.38	2.36	2.36	2.41	2.41	2.31	2.27	2.37	2.58	2.57	2.66	2.55	2.55	2.40	2.46			
15	15.5	7.91	4.21	8.01	16.2	7.52	3.88	14.8	24.5	15.6	4.36	14.6	23.6	12.4	4.12	7.82			
20	71.2	53.7	18.9	54.2	74.0	51.3	24.7	63.9	86.8	67.9	30.7	63.6	83.8	60.2	22.2	53.7			
25	152	124	86.0	125	152	120	91.4	140	164	146	99.6	140	158	133	89.1	122			
30	209	190	173	180	209	180	175	184	219	211	202	188	213	198	188	179			
35	248	238	251	237	245	232	242	238	249	245	267	244	246	232	255	237			
40	292	267	296	261	290	263	299	255	303	289	317	259	297	270	300	257			
45	335	310	331	293	331	293	321	295	344	313	333	302	337	292	328	287			
50	342	328	326	316	334	311	318	315	345	333	329	315	339	316	323	311			
55	325	329	322	312	315	312	309	302	320	334	320	305	316	311	316	303			
60	299	310	301	291	291	292	290	286	296	309	301	284	291	296	296	282			
65	268	278	269	256	259	262	257	253	265	273	265	254	261	262	260	254			
70	229	236	226	221	222	221	218	214	224	231	221	217	221	221	219	218			
75	181	190	179	178	176	178	172	170	177	181	177	173	175	176	174	176			
80	130	136	130	128	127	126	123	120	124	128	126	123	124	125	125	126			
85	81.4	87.3	83.6	81.7	79.5	80.9	76.7	76.1	77.2	80.9	78.4	77.1	76.7	80.3	78.2	79.2			
90	49.5	55.5	55.0	53.3	48.0	50.6	50.1	50.4	46.6	51.4	51.4	49.3	46.1	50.0	52.3	51.9			
95	34.3	42.5	41.3	40.4	33.7	38.9	38.2	38.0	32.9	40.1	39.3	38.4	33.7	38.8	39.1	39.5			
100	23.7	32.8	31.6	31.0	23.5	29.4	29.3	29.4	23.0	30.5	30.3	29.5	23.7	29.9	30.2	30.4			
105	17.7	25.2	24.3	23.9	17.6	22.6	22.6	22.7	17.4	23.5	23.4	22.9	17.8	23.1	23.3	23.4			
110	13.9	20.0	19.3	19.0	14.0	18.0	18.0	18.1	13.8	18.7	18.8	18.3	13.9	18.3	18.6	18.6			
115	11.3	16.2	15.8	15.5	11.5	14.7	14.9	14.8	11.3	15.3	15.4	14.9	11.3	14.9	15.2	15.1			
120	9.44	13.4	13.4	12.9	9.70	12.2	12.6	12.4	9.50	12.6	13.0	12.4	9.50	12.4	12.8	12.4			
125	8.09	11.1	11.5	10.8	8.42	10.2	10.8	10.3	8.18	10.48	11.1	10.3	8.19	10.3	11.0	10.2			
130	6.98	9.26	9.95	9.08	7.29	8.57	9.40	8.69	7.00	8.76	9.52	8.56	7.03	8.61	9.45	8.46			
135	5.96	7.79	8.59	7.69	6.32	7.37	8.03	7.30	5.98	7.37	8.07	7.23	6.05	7.28	8.09	7.08			
140	5.16	6.52	7.20	6.46	5.48	6.24	6.71	5.96	5.17	6.05	6.63	6.00	5.21	6.04	6.71	5.88			
145	4.67	5.56	5.76	5.48	4.77	5.37	5.47	4.98	4.50	5.12	5.31	5.04	4.52	5.12	5.33	5.01			
150	4.23	4.74	4.57	4.59	4.25	4.55	4.27	4.16	4.02	4.27	4.10	4.15	4.03	4.22	4.21	4.27			
155	3.44	3.88	3.73	3.67	3.53	3.66	3.49	3.36	3.30	3.53	3.39	3.35	3.34	3.43	3.50	3.45			
160	2.96	3.32	3.19	2.97	2.82	2.94	2.89	2.72	2.76	2.94	2.92	2.77	2.69	2.80	3.00	2.92			
165	2.37	2.69	2.58	2.36	2.14	2.15	2.22	2.14	2.13	2.34	2.39	2.22	2.03	2.24	2.47	2.42			
170	1.75	1.93	1.73	1.69	1.45	1.60	1.43	1.44	1.38	1.56	1.43	1.64	1.52	1.66	1.59	1.73			
175	0.88	1.02	0.90	0.88	0.80	0.80	0.77	0.81	0.65	0.73	0.70	0.76	0.82	1.00	0.92	0.96			
180	0.28	0.28	0.28	0.27	0.27	0.40	0.44	0.43	0.27	0.29	0.28	0.27	0.27	0.40	0.45	0.44			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-09

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: