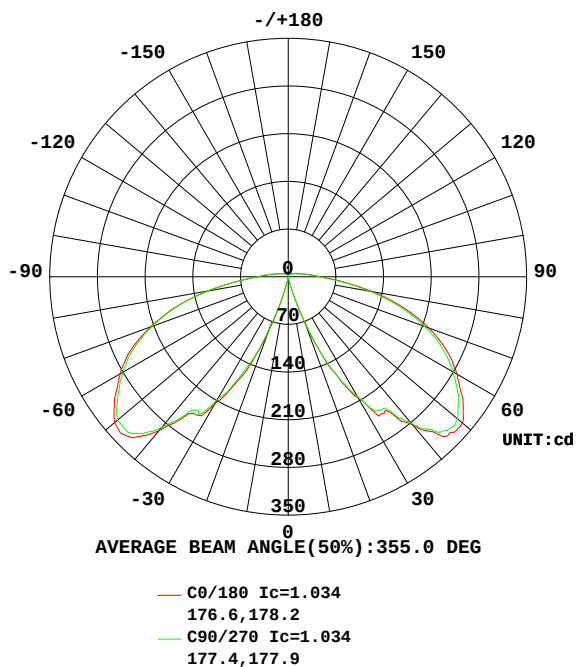
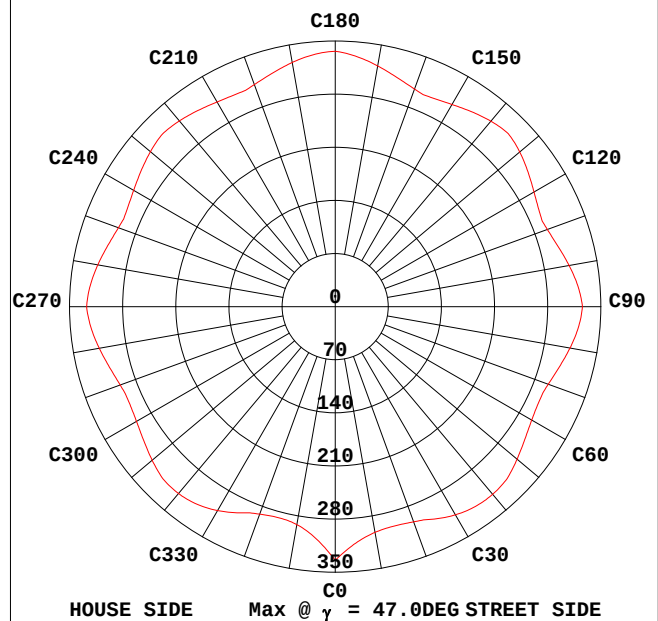


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.0987A P:11.671W PF:0.9859 Freq:59.98Hz Lamp Flux:1338.61x1 lm		
NAME: PLTS-12361 12W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

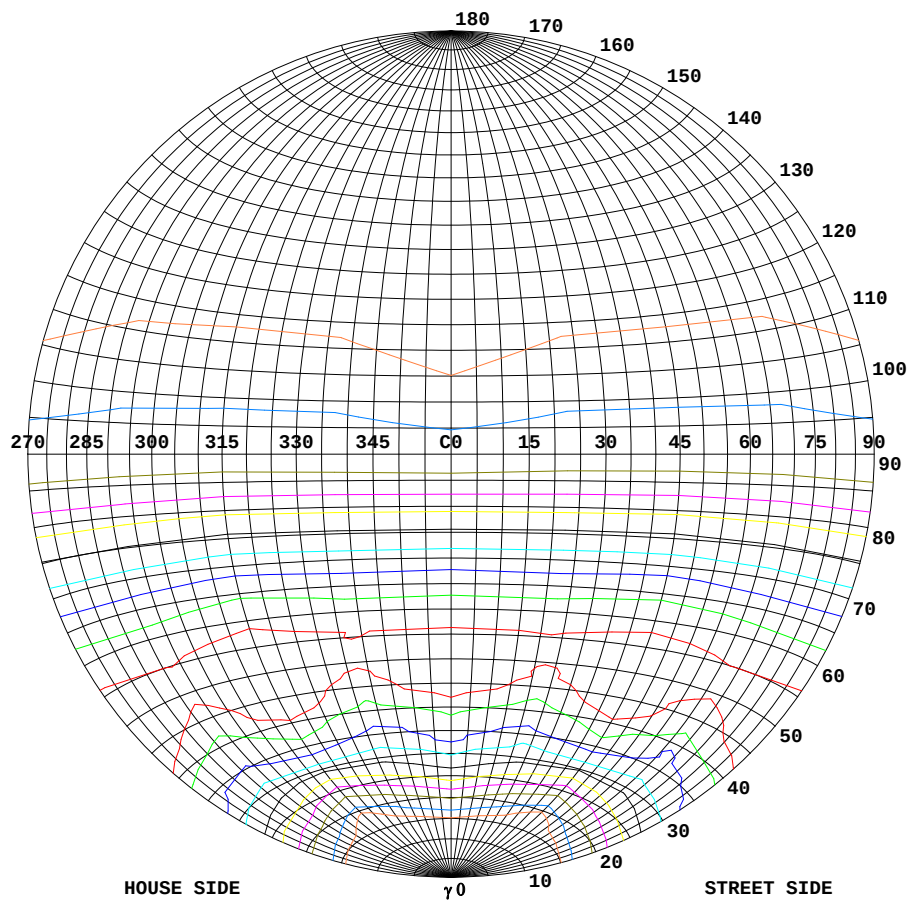
DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.70 lm/W			
MODEL		I _{max} (cd)	336.6	η street_up(%)	3.7
NOMINAL POWER(W)	25	LOR(%)	100.0	η street_down(%)	46.3
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1339	η house_up(%)	3.6
NOMINAL FLUX(lm)	1338.61	MAXIMUM @(C,γ)	180,47.0	η house_down(%)	46.4
LAMPS INSIDE	1	η up(%)	7.3	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	92.7	SLI	19.834

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:

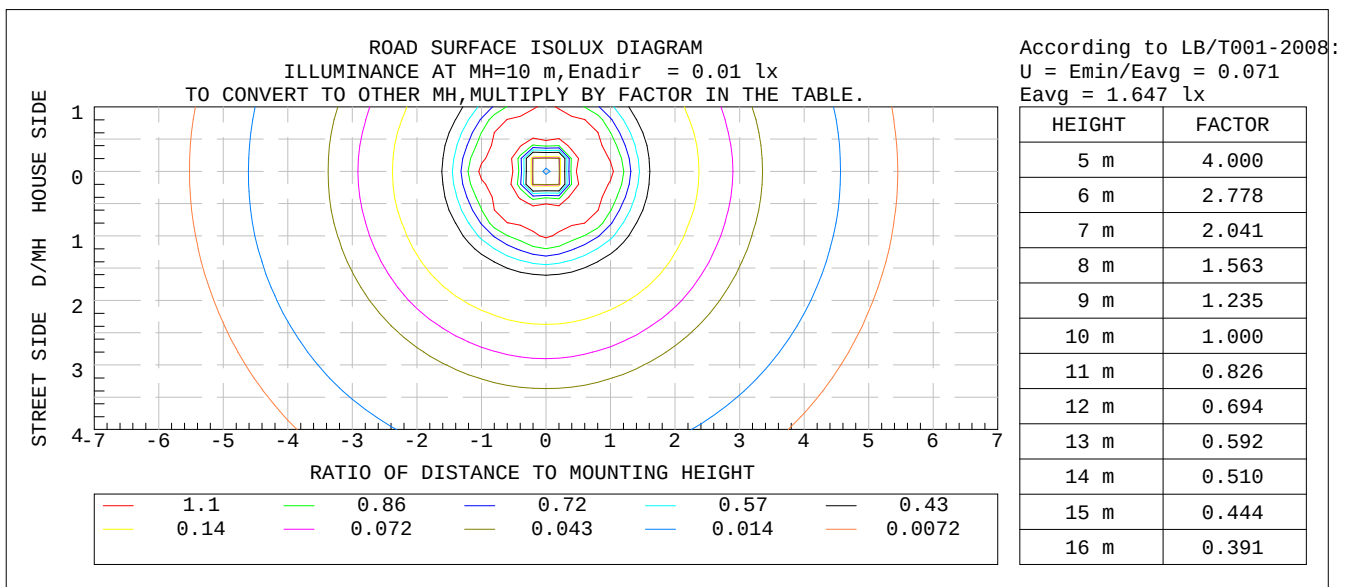
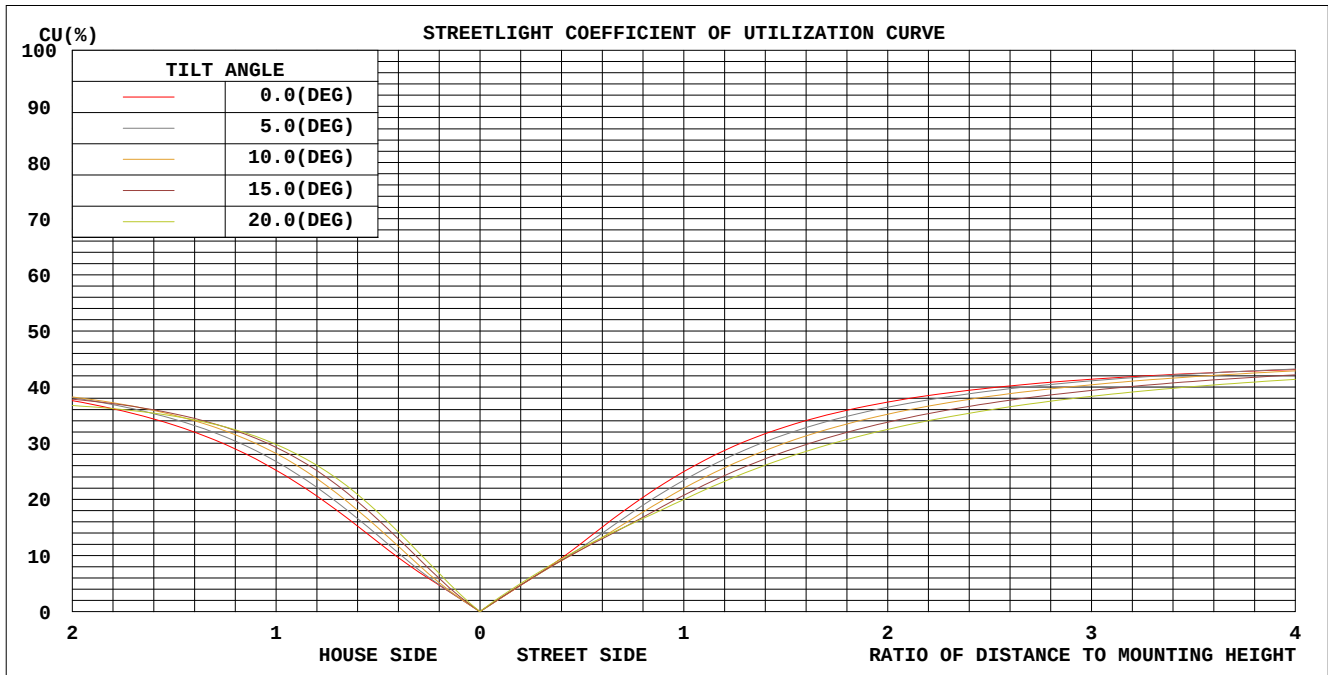
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:94.91cd/klm
 Max.At90:39.27cd/klm
 Max.80-90:94.91cd/klm
 NRB 5101:Semi limited[12.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	337
90%	303
80%	269
70%	236
60%	202
50%	168
40%	135
30%	101
20%	67
10%	34
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:

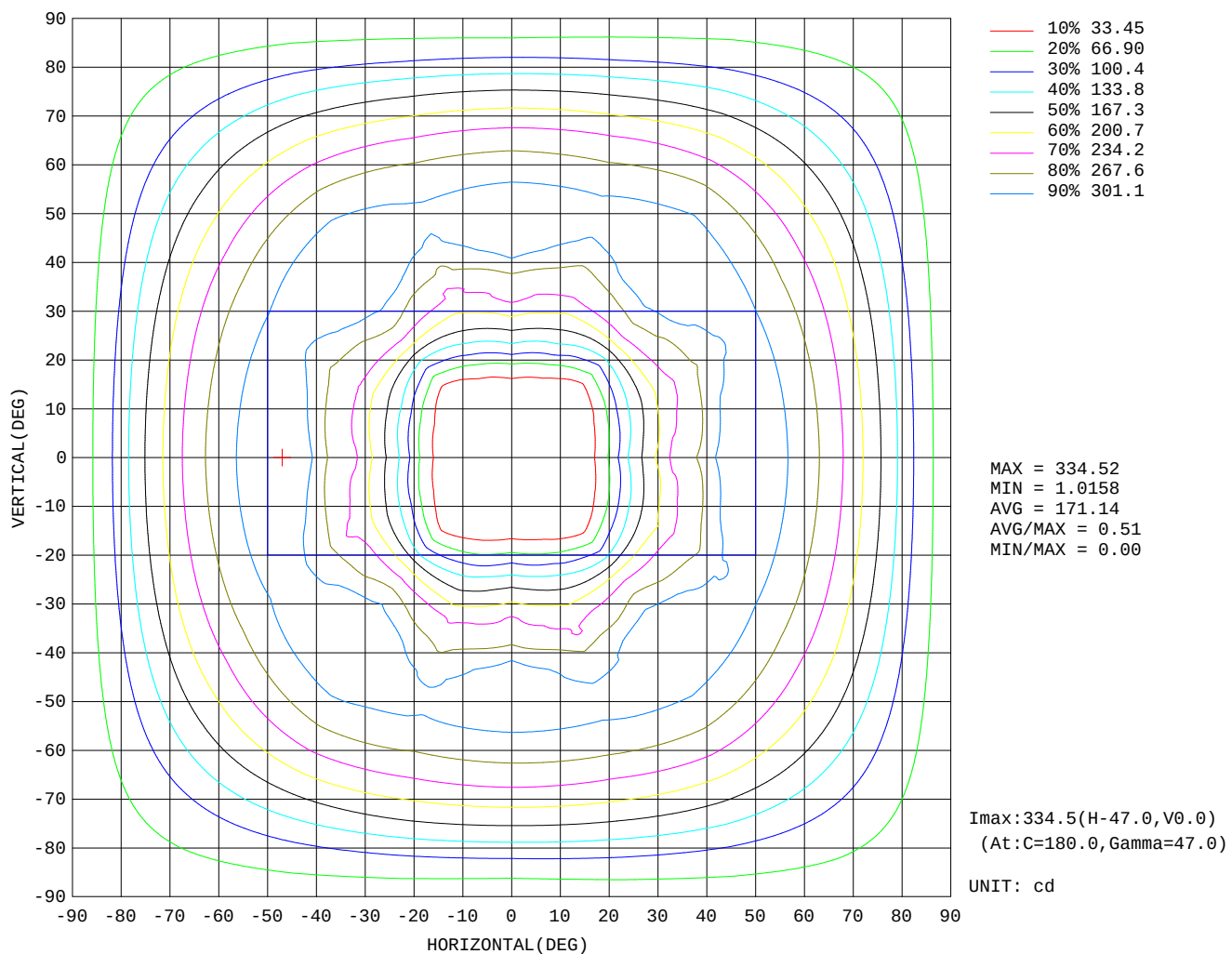
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	2.327	2.250	2.350	2.312	2.213	2.414	2.368	2.345	0- 10	0.1606	0.1606	0.01,0.01
20	71.29	19.06	74.95	25.30	86.38	28.50	81.32	21.87	10- 20	5.674	5.835	0.44,0.44
30	206.1	173.2	202.4	187.8	215.1	192.5	207.4	182.9	20- 30	59.39	65.22	4.87,4.87
40	283.7	294.2	280.5	302.4	294.9	304.4	288.0	295.3	30- 40	149.6	214.8	16,16
50	333.8	317.4	324.2	319.0	332.8	317.4	327.1	319.3	40- 50	235.7	450.6	33.7,33.7
60	286.9	292.3	279.7	289.6	284.6	290.6	280.2	291.8	50- 60	273.3	723.8	54.1,54.1
70	219.0	220.4	212.9	214.9	215.1	214.0	212.5	218.1	60- 70	250.3	974.2	72.8,72.8
80	125.0	127.1	120.9	120.2	119.0	120.8	118.9	125.3	70- 80	179.9	1154	86.2,86.2
90	47.48	52.57	45.81	49.91	44.83	49.76	44.32	51.65	80- 90	86.90	1241	92.7,92.7
100	22.78	30.54	22.86	29.20	22.33	29.36	22.88	30.16	90-100	40.65	1282	95.7,95.7
110	13.43	18.74	13.59	18.02	13.40	18.20	13.47	18.61	100-110	23.04	1305	97.5,97.5
120	9.088	12.95	9.434	12.59	9.190	12.60	9.203	12.85	110-120	13.98	1319	98.5,98.5
130	6.712	9.638	7.080	9.395	6.775	9.241	6.833	9.484	120-130	8.874	1328	99.2,99.2
140	4.941	6.961	5.310	6.705	4.977	6.440	5.053	6.743	130-140	5.520	1333	99.6,99.6
150	4.055	4.430	4.146	4.277	3.864	3.980	3.919	4.228	140-150	3.176	1336	99.8,99.8
160	2.822	3.090	2.725	2.916	2.642	2.845	2.622	3.026	150-160	1.617	1338	99.9,99.9
170	1.629	1.674	1.416	1.423	1.340	1.387	1.498	1.605	160-170	0.6535	1339	100,100
180	0.2627	0.2767	0.2528	0.4269	0.2627	0.2711	0.2584	0.4550	170-180	0.1014	1339	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:

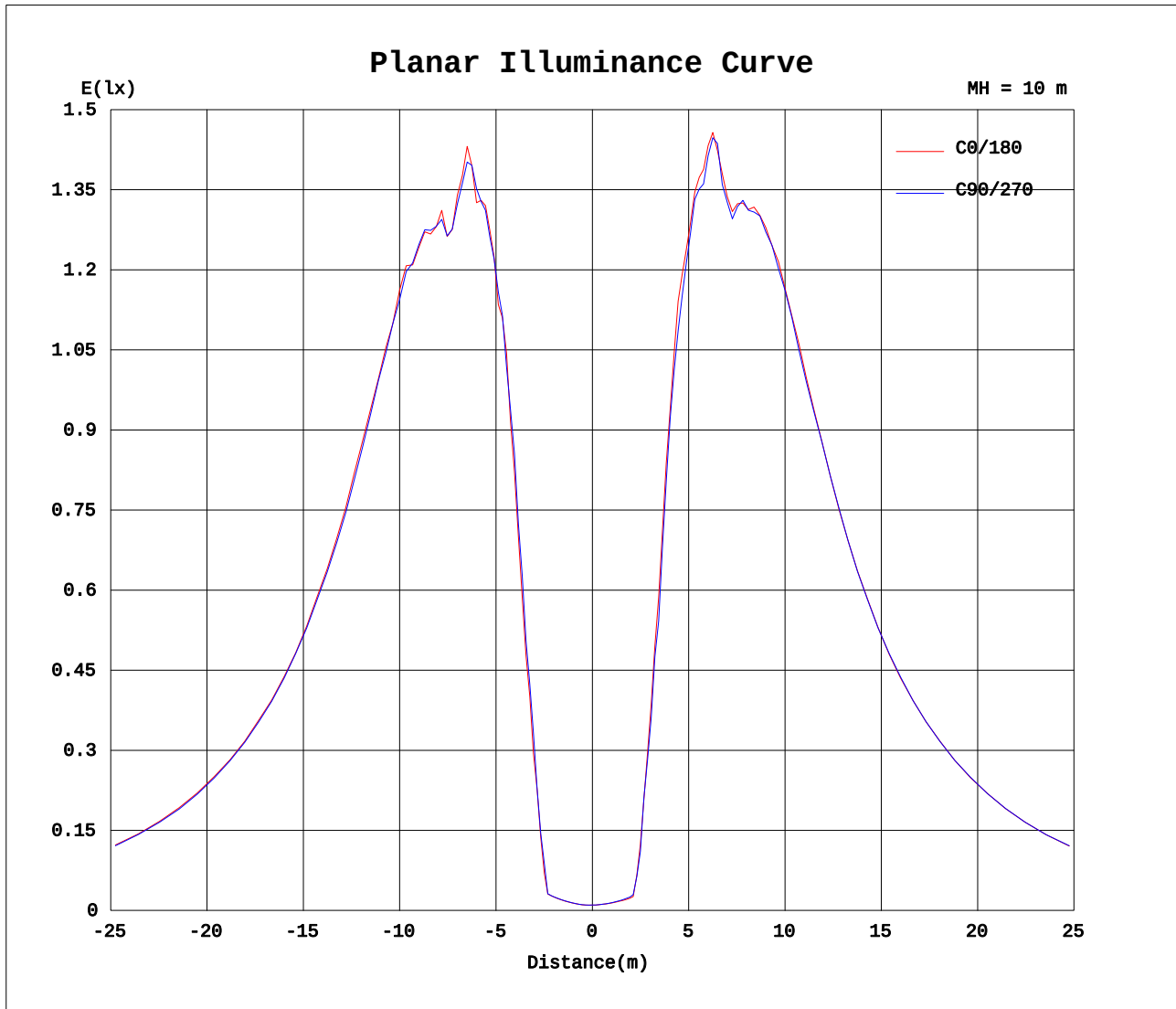
ISOCANDELA DIAGRAM



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

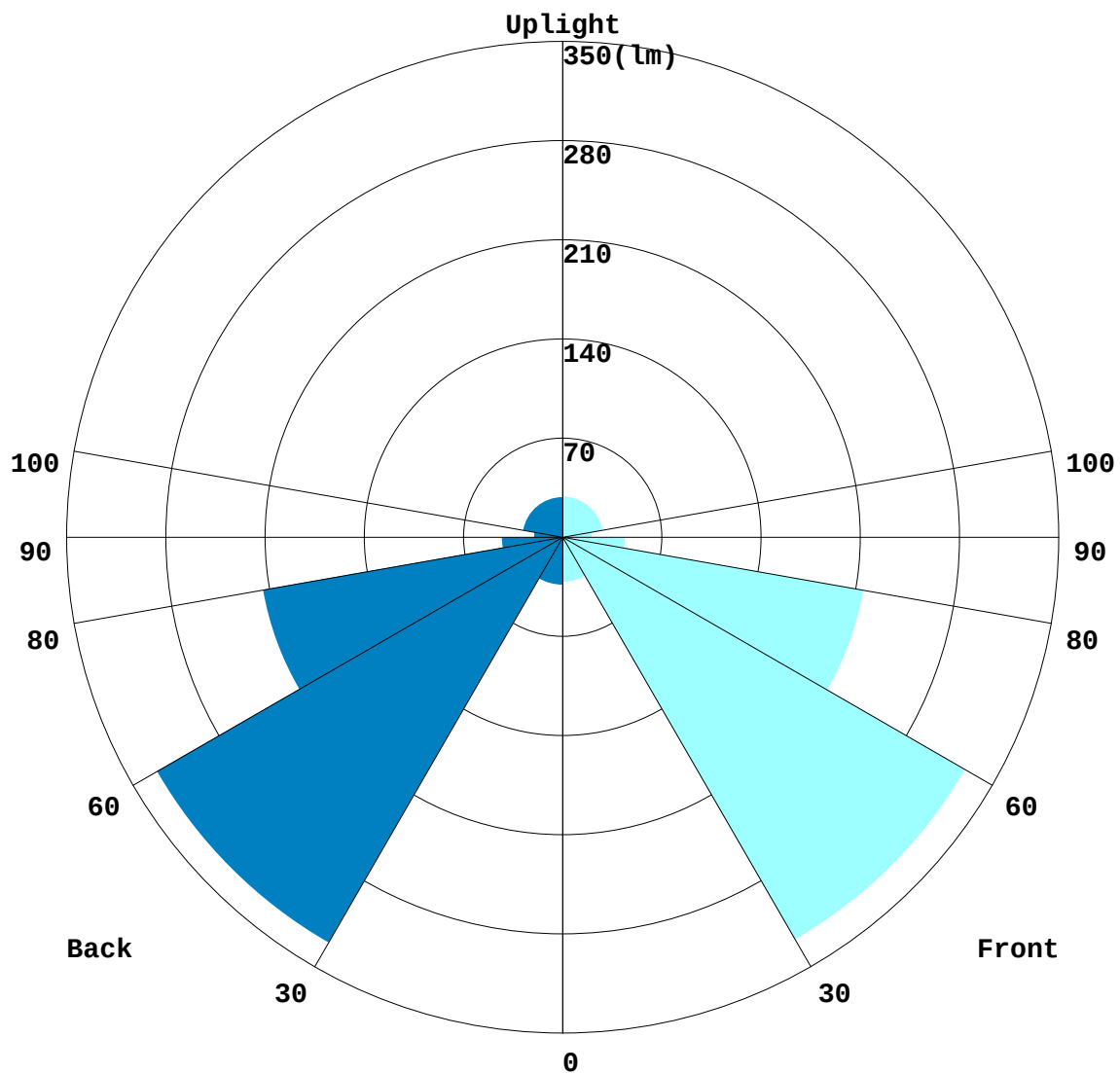


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-09

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:0.0987A P:11.671W PF:0.9859 Freq:59.98Hz Lamp Flux:1338.61x1 lm		
NAME: PLTS-12361 12W 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:2022-05-09

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:0.0987A P:11.671W PF:0.9859 Freq:59.98Hz Lamp Flux:1338.61x1 lm		
NAME: PLTS-12361 12W 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)	31.634	2.4
FM - Front-Medium(30-60)	328.06	24.5
FH - Front-High(60-80)	215.65	16.1
FVH - Front-Very High(80-90)	44.004	3.3
Total Forward Light	668.57	49.9

BL - Back-Low(0-30)	33.591	2.5
BM - Back-Medium(30-60)	330.54	24.7
BH - Back-High(60-80)	214.62	16.0
BVH - Back-Very High(80-90)	42.895	3.2
Total Back Light	670.04	50.1

UL - Uplight-Low(90-100)	40.651	3.0
UH - Uplight-High(100-180)	56.968	4.3
Total Up Light	97.618	7.3

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	621.65	48.389	670.04
Street Side	619.34	49.229	668.57

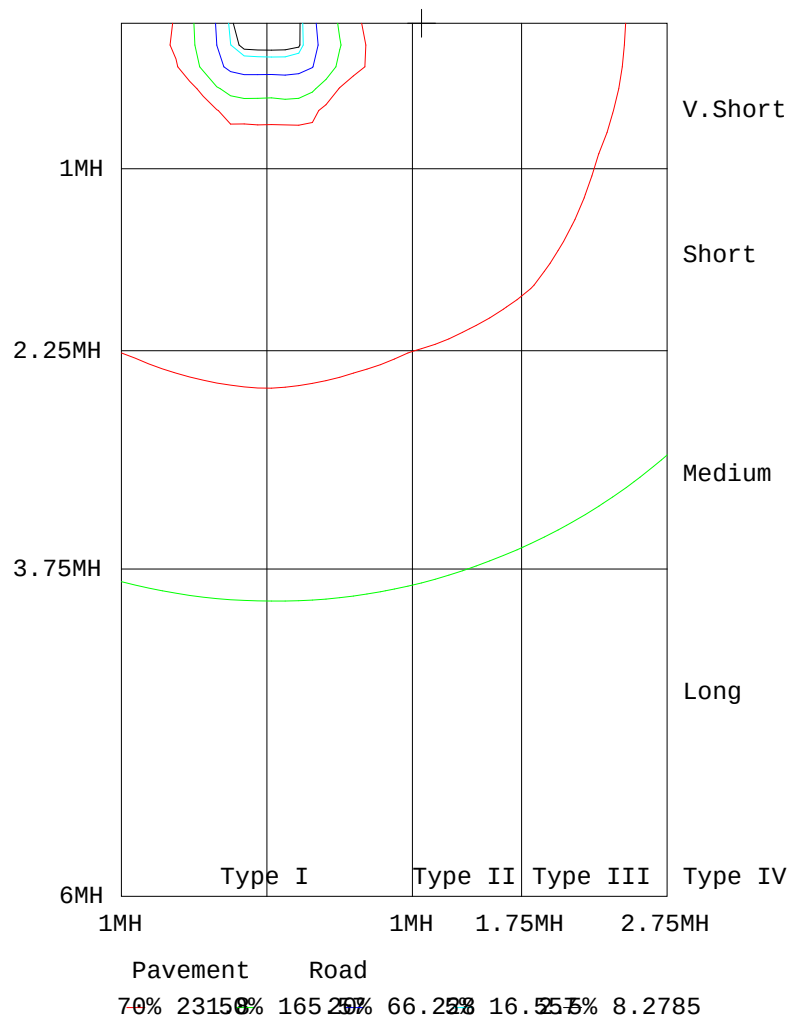
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-09

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:0.0987A P:11.671W PF:0.9859 Freq:59.98Hz Lamp Flux:1338.61x1 lm		
NAME: PLTS-12361 12W 4000K	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	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03			
5	1.32	1.29	1.26	1.30	1.32	1.38	1.38	1.34	1.37	1.41	1.42	1.46	1.39	1.36	1.36	1.35			
10	2.33	2.28	2.25	2.30	2.35	2.34	2.31	2.20	2.21	2.39	2.41	2.51	2.37	2.41	2.35	2.37			
15	15.2	7.40	3.98	8.25	15.8	7.80	3.86	13.3	23.2	14.3	4.06	13.1	23.2	13.0	4.03	7.57			
20	71.3	50.1	19.1	55.7	75.0	53.4	25.3	61.3	86.4	65.8	28.5	62.8	81.3	60.9	21.9	53.0			
25	150	121	85.9	126	148	122	95.8	134	161	142	98.7	134	153	134	88.1	120			
30	206	179	173	182	202	177	188	188	215	193	193	190	207	189	183	179			
35	245	232	246	231	238	233	254	229	245	240	261	235	239	235	249	227			
40	284	256	294	258	281	257	302	259	295	267	304	266	288	258	295	250			
45	331	293	322	290	320	285	323	288	332	300	322	295	325	289	323	283			
50	334	311	317	309	324	305	319	308	333	315	317	309	327	312	319	305			
55	313	309	312	306	306	301	310	299	311	310	310	302	305	303	311	299			
60	287	290	292	286	280	280	290	279	285	288	291	284	280	283	292	279			
65	257	258	261	255	250	250	256	248	255	254	256	252	251	252	259	251			
70	219	220	220	218	213	213	215	209	215	215	214	213	212	214	218	213			
75	175	177	176	175	170	172	168	165	170	170	170	170	168	170	174	172			
80	125	127	127	126	121	122	120	117	119	120	121	120	119	121	125	123			
85	78.0	81.6	80.3	80.4	75.7	77.4	75.5	74.6	73.7	75.5	75.0	75.8	73.6	76.7	78.1	77.4			
90	47.5	52.0	52.6	51.6	45.8	49.1	49.9	48.6	44.8	48.2	49.8	48.3	44.3	48.5	51.7	50.0			
95	32.9	39.9	39.7	39.6	32.7	37.9	38.0	37.1	31.9	37.7	38.1	37.6	32.5	37.9	38.9	38.5			
100	22.8	30.9	30.5	30.5	22.9	28.8	29.2	28.7	22.3	28.8	29.4	29.1	22.9	29.3	30.2	29.7			
105	17.0	23.8	23.5	23.5	17.2	22.2	22.5	22.3	16.8	22.2	22.8	22.6	17.1	22.7	23.3	22.9			
110	13.4	18.9	18.7	18.7	13.6	17.7	18.0	17.7	13.4	17.7	18.2	18.0	13.5	18.0	18.6	18.2			
115	10.9	15.3	15.4	15.3	11.2	14.5	14.9	14.5	11.0	14.4	14.9	14.7	11.0	14.7	15.3	14.8			
120	9.09	12.7	13.0	12.7	9.43	12.0	12.6	12.1	9.19	11.9	12.6	12.2	9.20	12.1	12.8	12.2			
125	7.78	10.5	11.1	10.6	8.15	10.00	10.8	10.1	7.89	9.89	10.8	10.09	7.92	10.1	11.0	9.98			
130	6.71	8.73	9.64	8.94	7.08	8.42	9.40	8.50	6.77	8.27	9.24	8.44	6.83	8.44	9.48	8.29			
135	5.73	7.35	8.31	7.60	6.12	7.23	8.05	7.17	5.79	6.97	7.84	7.10	5.87	7.12	8.13	6.94			
140	4.94	6.11	6.96	6.37	5.31	6.10	6.70	5.83	4.98	5.72	6.44	5.90	5.05	5.95	6.74	5.76			
145	4.48	5.22	5.58	5.42	4.65	5.26	5.45	4.87	4.34	4.83	5.16	4.98	4.39	5.06	5.38	4.93			
150	4.06	4.46	4.43	4.53	4.15	4.45	4.28	4.06	3.86	4.04	3.98	4.12	3.92	4.19	4.23	4.20			
155	3.30	3.64	3.60	3.63	3.44	3.62	3.49	3.32	3.17	3.33	3.28	3.33	3.26	3.39	3.52	3.40			
160	2.82	3.10	3.09	2.92	2.73	2.91	2.92	2.66	2.64	2.77	2.85	2.75	2.62	2.77	3.03	2.88			
165	2.24	2.53	2.48	2.33	2.11	2.17	2.23	2.10	2.03	2.20	2.33	2.21	2.01	2.21	2.49	2.36			
170	1.63	1.82	1.67	1.68	1.42	1.57	1.42	1.42	1.34	1.46	1.39	1.61	1.50	1.64	1.60	1.69			
175	0.87	1.00	0.88	0.86	0.76	0.78	0.77	0.77	0.63	0.69	0.69	0.75	0.79	0.98	0.94	0.94			
180	0.26	0.27	0.28	0.26	0.25	0.37	0.43	0.43	0.26	0.28	0.27	0.27	0.26	0.37	0.45	0.43			

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: