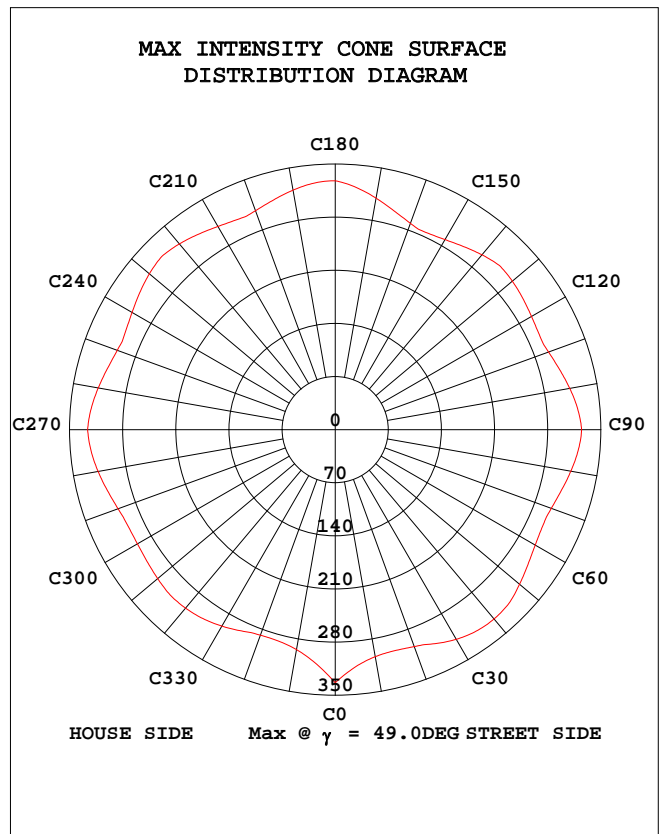
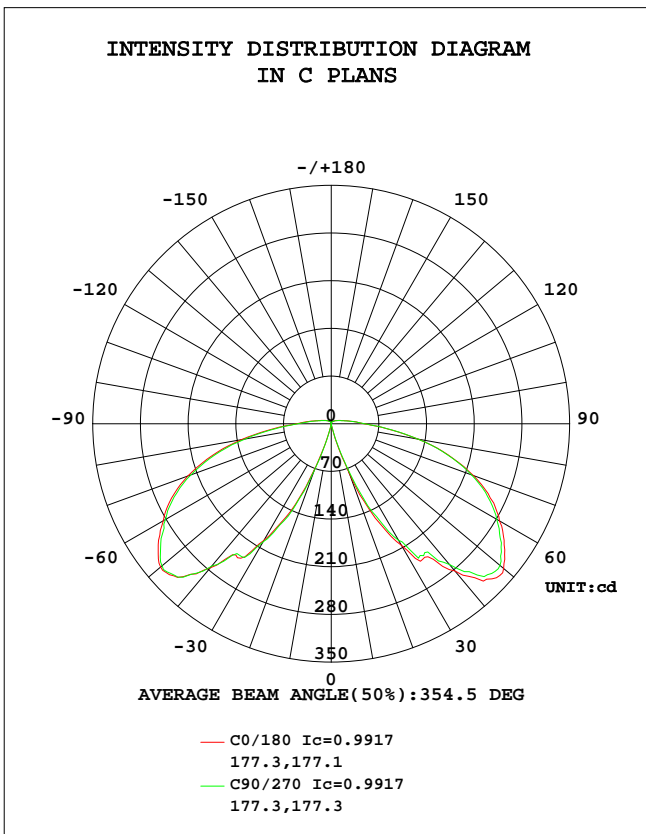


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.05V I:0.0986A P:11.668W PF:0.9858 Freq:59.98Hz Lamp Flux:1456.05x1 lm		
NAME: PLTS-12361 12W 4K 方形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

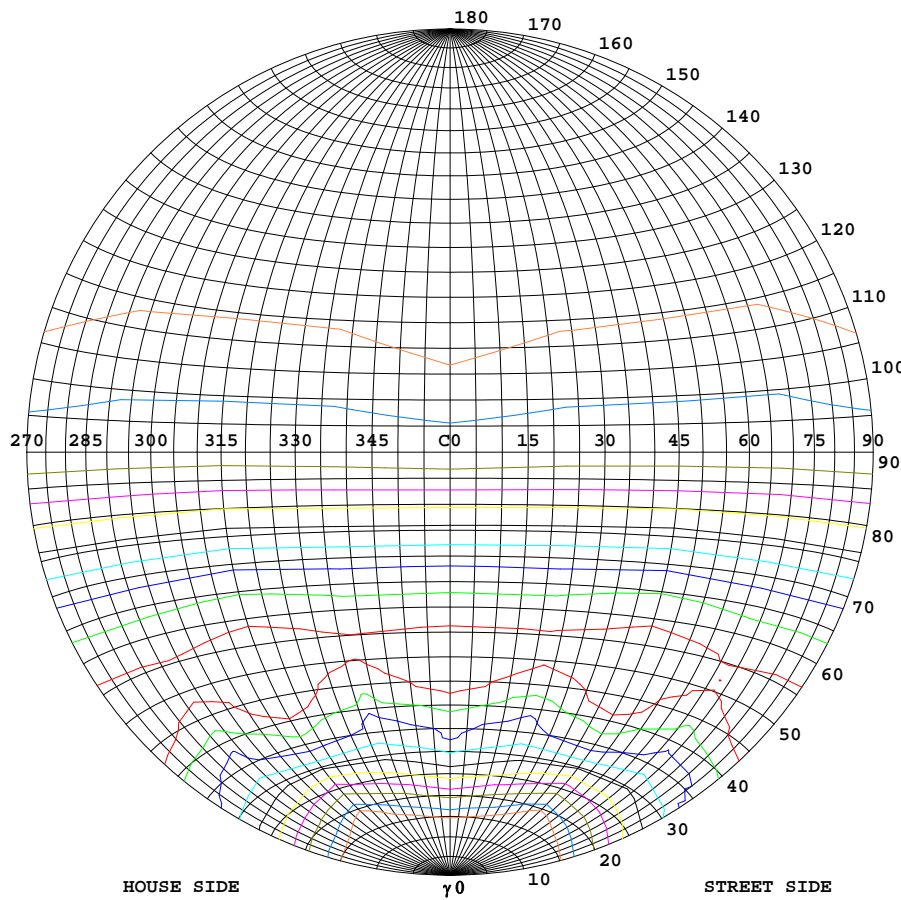
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.79 lm/W			
MODEL		I _{max} (cd)	333.4	η street_up(%)	3.8
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	46.2
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1456	η house_up(%)	3.8
NOMINAL FLUX(lm)	1456.05	MAXIMUM @(C,γ)	0,49.0	η house_down(%)	46.2
LAMPS INSIDE	1	η up(%)	7.7	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	92.3	SLI	19.864



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

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

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

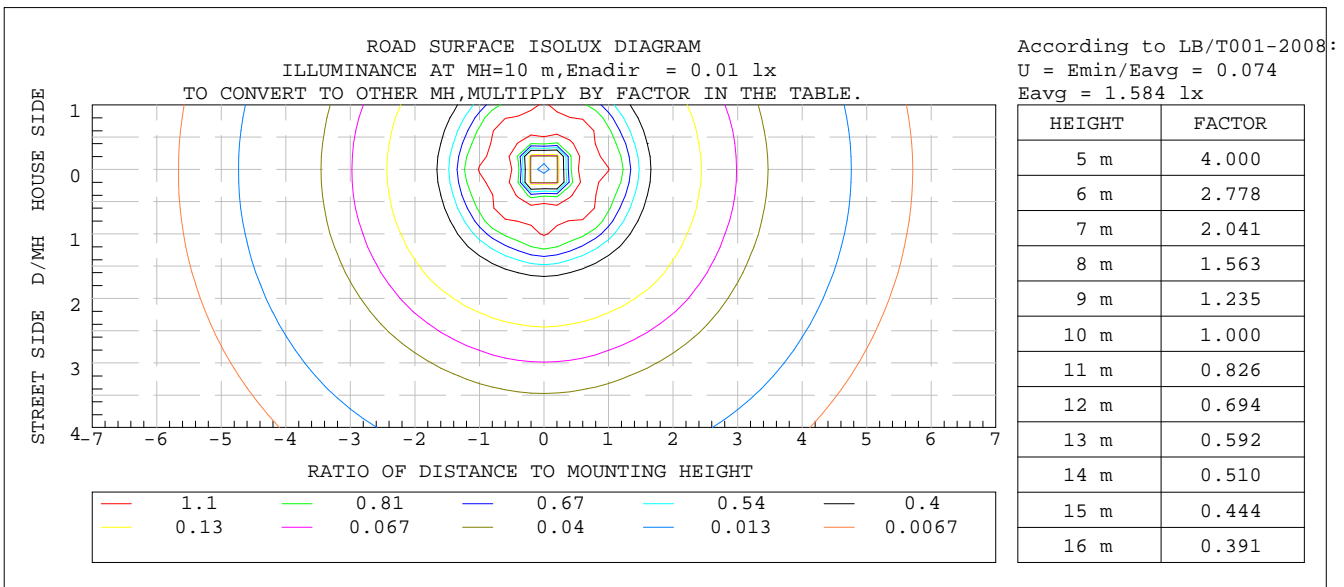
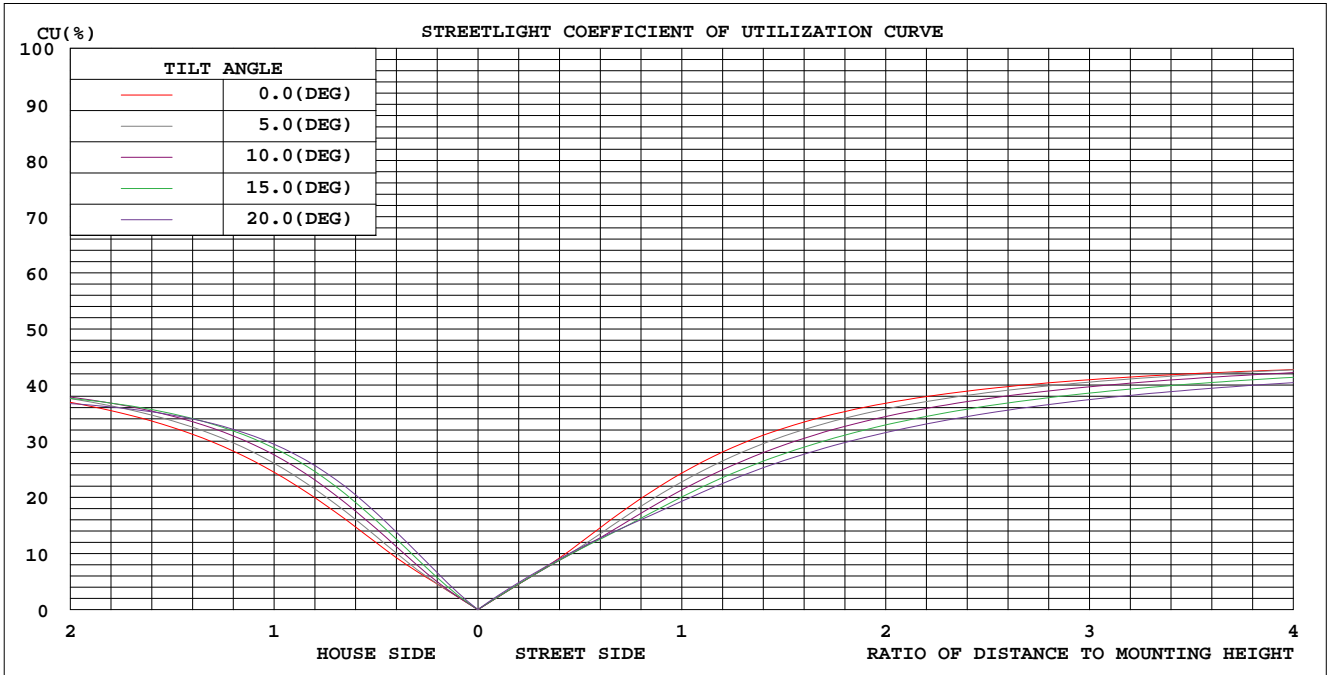
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:101.1cd/klm
 Max.At90:42.93cd/klm
 Max.80-90:101.1cd/klm
 NRB 5101:Semi limited[12.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	333
90%	300
80%	267
70%	233
60%	200
50%	167
40%	133
30%	100
20%	67
10%	33
5%	17

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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: 2022-05-05

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

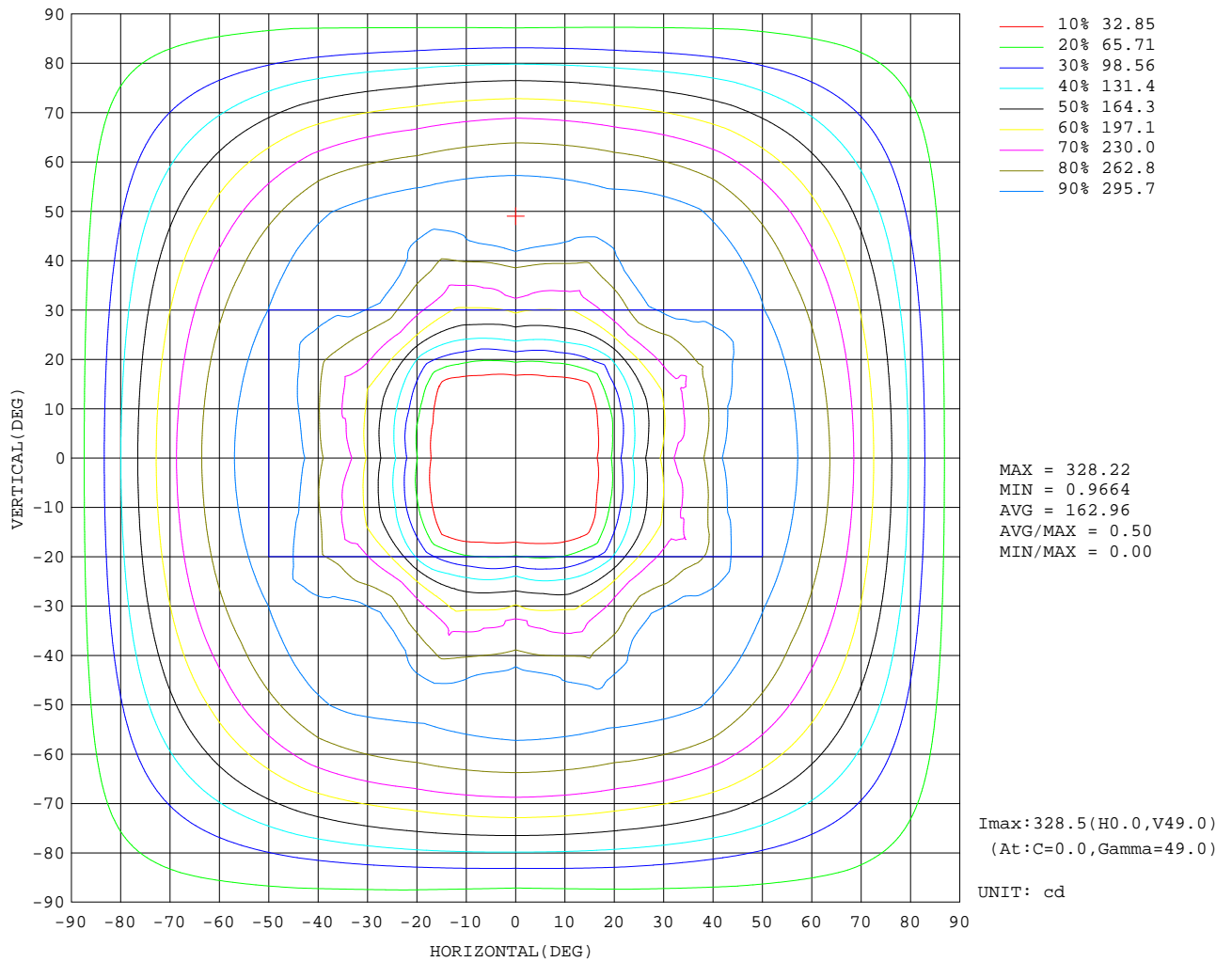
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1.630	1.802	1.807	1.702	1.621	1.666	1.658	1.656	0- 10	0.1301	0.1301	0.01,0.01
20	77.24	20.19	68.27	16.67	68.55	19.29	74.21	20.59	10- 20	4.854	4.984	0.37,0.37
30	206.1	179.6	197.7	160.2	197.9	168.3	200.3	169.5	20- 30	55.36	60.34	4.51,4.51
40	281.9	295.0	269.8	280.2	275.7	294.6	272.7	285.6	30- 40	143.4	203.8	15.2,15.2
50	330.3	322.5	323.5	306.8	327.1	320.9	324.3	305.0	40- 50	228.7	432.5	32.3,32.3
60	285.3	300.9	280.7	282.7	284.6	297.5	280.8	283.9	50- 60	270.7	703.2	52.5,52.5
70	221.9	228.7	219.2	217.9	224.0	228.5	218.8	216.6	60- 70	252.7	955.9	71.4,71.4
80	129.0	135.5	128.9	129.2	133.2	134.8	128.5	128.3	70- 80	187.0	1143	85.3,85.3
90	48.30	56.17	49.24	54.06	51.31	57.50	49.19	54.10	80- 90	94.02	1237	92.3,92.3
100	25.05	32.26	23.95	31.13	25.06	32.35	23.89	30.60	90-100	43.04	1280	95.6,95.6
110	14.47	19.91	13.94	19.05	14.64	19.76	14.11	18.84	100-110	24.43	1304	97.4,97.4
120	9.724	13.66	9.380	13.09	9.976	13.58	9.581	12.95	110-120	14.69	1319	98.5,98.5
130	7.059	10.04	6.725	9.614	7.295	9.958	7.017	9.497	120-130	9.218	1328	99.2,99.2
140	5.058	7.067	4.775	6.748	5.129	6.967	5.069	6.686	130-140	5.634	1334	99.6,99.6
150	3.881	4.467	3.883	4.319	3.856	4.341	3.864	4.195	140-150	3.162	1337	99.8,99.8
160	2.624	3.161	2.728	3.086	2.674	3.072	2.641	2.968	150-160	1.607	1339	99.9,99.9
170	1.408	1.527	1.405	1.443	1.456	1.482	1.441	1.488	160-170	0.6569	1339	100,100
180	0.2018	0.2204	0.1916	0.3342	0.2018	0.2146	0.1916	0.3178	170-180	0.0969	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:2022-05-05

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

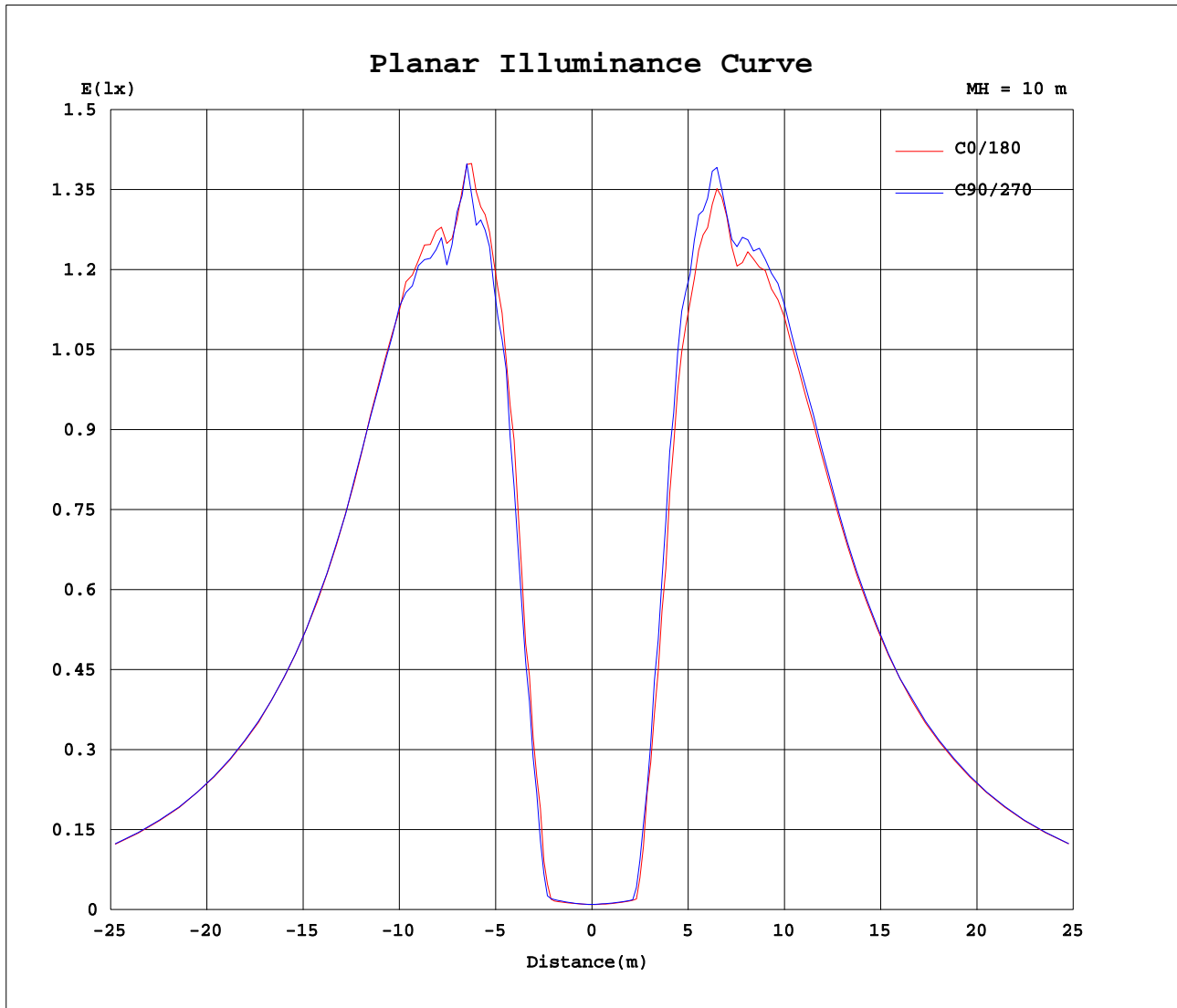
ISOCANDELA DIAGRAM



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

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

Planar Illuminance Curve



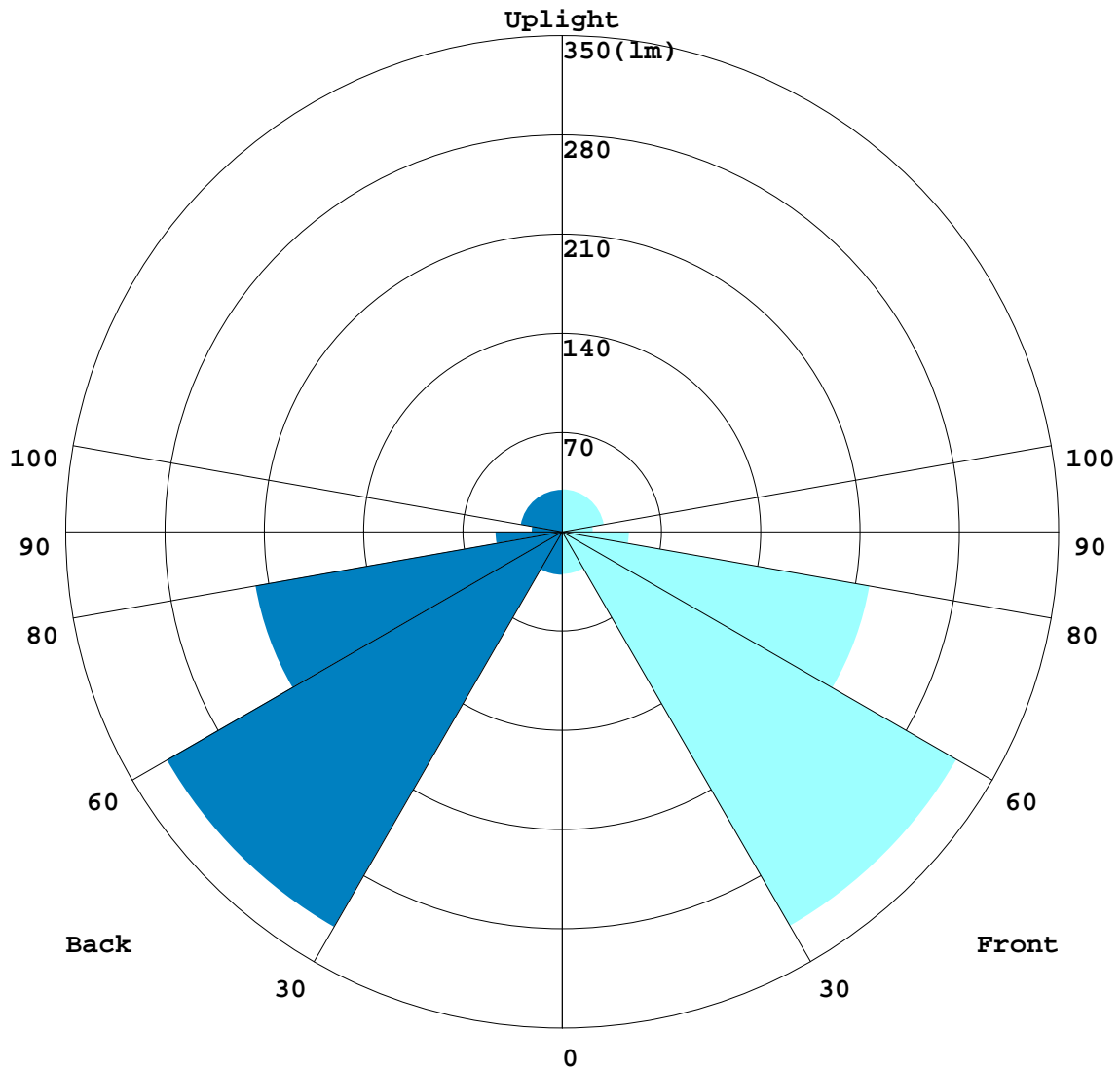
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JINZHI
 Test Date: 2022-05-05

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

LCS REPORT

Test:U:120.05V I:0.0986A P:11.668W PF:0.9858 Freq:59.98Hz Lamp Flux:1456.05x1 lm		
NAME: PLTS-12361 12W 4K 方形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	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:2022-05-05

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

BUG REPORT

Test:U:120.05V I:0.0986A P:11.668W PF:0.9858 Freq:59.98Hz Lamp Flux:1456.05x1 lm		
NAME: PLTS-12361 12W 4K 方形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	29.857	2.2
FM - Front-Medium(30-60)	321.05	24.0
FH - Front-High(60-80)	220.12	16.4
FVH - Front-Very High(80-90)	47.129	3.5
Total Forward Light	669.66	50.0

BL - Back-Low(0-30)	30.484	2.3
BM - Back-Medium(30-60)	321.82	24.0
BH - Back-High(60-80)	219.52	16.4
BVH - Back-Very High(80-90)	46.895	3.5
Total Back Light	669.76	50.0

UL - Uplight-Low(90-100)	43.044	3.2
UH - Uplight-High(100-180)	59.5	4.4
Total Up Light	102.54	7.7

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	618.72	51.042	669.76
Street Side	618.15	51.502	669.66

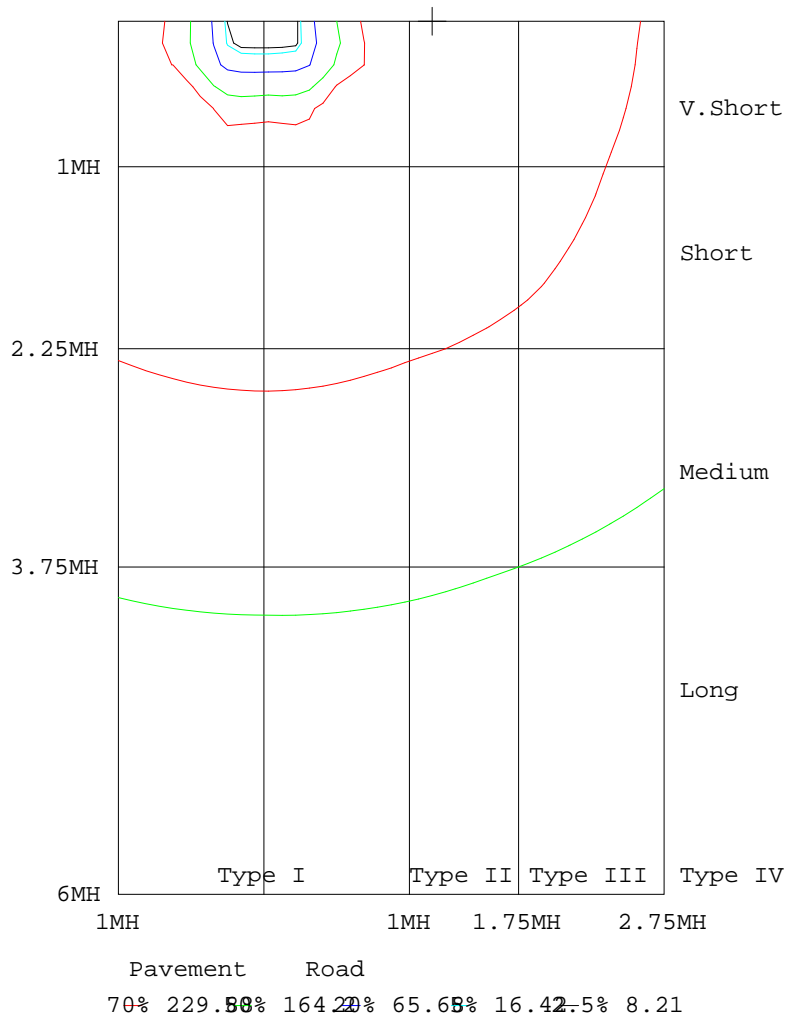
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2022-05-05

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

ROAD ISOCANDELA REPORT

Test:U:120.05V I:0.0986A P:11.668W PF:0.9858 Freq:59.98Hz Lamp Flux:1456.05x1 lm		
NAME: PLTS-12361 12W 4K 方形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



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

γ Range: 0 - 180DEG
 γ 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	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99			
5	1.19	1.22	1.23	1.23	1.21	1.19	1.18	1.14	1.14	1.15	1.21	1.18	1.20	1.19	1.23	1.21			
10	1.63	1.72	1.80	1.83	1.81	1.79	1.70	1.64	1.62	1.69	1.67	1.70	1.66	1.72	1.66	1.66			
15	21.4	10.6	2.77	6.70	14.3	7.32	2.61	5.56	13.4	7.17	2.55	9.66	17.7	11.1	2.41	9.66			
20	77.2	54.9	20.2	49.3	68.3	48.4	16.7	48.6	68.5	52.5	19.3	56.5	74.2	57.7	20.6	53.3			
25	153	129	85.8	115	143	117	78.6	109	143	121	84.8	125	150	125	87.5	120			
30	206	184	180	174	198	170	160	163	198	175	168	179	200	179	169	171			
35	239	234	248	225	236	219	236	210	240	229	245	228	235	225	241	220			
40	282	255	295	244	270	239	280	231	276	249	295	251	273	249	286	241			
45	323	286	324	282	318	274	310	270	319	281	324	287	319	281	310	272			
50	330	309	323	306	323	301	307	288	327	308	321	307	324	306	305	292			
55	310	308	316	305	305	295	299	292	310	305	315	309	306	299	300	293			
60	285	287	301	289	281	278	283	275	285	289	298	285	281	280	284	275			
65	258	259	270	259	253	251	254	247	259	259	267	256	255	252	254	248			
70	222	223	229	224	219	216	218	213	224	223	228	221	219	216	217	212			
75	178	180	185	181	177	175	176	174	181	181	185	179	177	174	174	172			
80	129	132	135	134	129	130	129	128	133	133	135	131	129	127	128	125			
85	81.3	84.0	85.1	86.2	81.7	83.0	82.9	83.4	85.1	85.3	86.6	83.4	81.5	81.0	81.1	79.6			
90	48.3	53.3	56.2	54.9	49.2	53.5	54.1	52.9	51.3	54.6	57.5	54.0	49.2	52.2	54.1	51.4			
95	35.1	40.4	41.2	41.6	34.8	39.9	40.0	40.0	36.3	40.7	41.5	40.4	34.2	39.0	39.2	38.6			
100	25.0	31.4	32.3	32.9	23.9	30.8	31.1	31.2	25.1	31.3	32.4	31.4	23.9	30.2	30.6	30.3			
105	18.6	24.3	25.0	25.5	17.7	23.7	24.0	24.1	18.6	24.0	24.9	24.2	17.9	23.4	23.7	23.5			
110	14.5	19.3	19.9	20.2	13.9	18.7	19.0	19.0	14.6	19.1	19.8	19.1	14.1	18.6	18.8	18.7			
115	11.7	15.6	16.3	16.3	11.3	15.2	15.6	15.5	12.0	15.5	16.2	15.5	11.5	15.2	15.4	15.2			
120	9.72	12.8	13.7	13.5	9.38	12.5	13.1	12.8	9.98	12.8	13.6	12.9	9.58	12.5	12.9	12.5			
125	8.26	10.6	11.6	11.0	7.91	10.3	11.2	10.6	8.49	10.5	11.6	10.7	8.18	10.3	11.0	10.3			
130	7.06	8.78	10.04	9.11	6.73	8.50	9.61	8.81	7.30	8.71	9.96	8.88	7.02	8.58	9.50	8.60			
135	5.97	7.37	8.54	7.56	5.65	7.10	8.23	7.38	6.10	7.29	8.52	7.46	5.95	7.18	8.10	7.19			
140	5.06	6.08	7.07	6.17	4.77	5.89	6.75	6.02	5.13	5.95	6.97	6.14	5.07	5.90	6.69	5.89			
145	4.34	5.08	5.60	5.16	4.25	5.03	5.32	4.93	4.38	5.00	5.59	5.13	4.38	4.98	5.34	4.95			
150	3.88	4.25	4.47	4.34	3.88	4.32	4.32	4.14	3.86	4.15	4.34	4.23	3.86	4.11	4.19	4.11			
155	3.12	3.43	3.68	3.51	3.20	3.53	3.60	3.32	3.18	3.36	3.56	3.39	3.20	3.31	3.45	3.27			
160	2.62	2.85	3.16	2.96	2.73	3.03	3.09	2.76	2.67	2.82	3.07	2.85	2.64	2.76	2.97	2.79			
165	2.00	2.31	2.44	2.42	2.16	2.42	2.36	2.18	2.09	2.27	2.46	2.30	2.02	2.24	2.40	2.26			
170	1.41	1.59	1.53	1.56	1.40	1.57	1.44	1.48	1.46	1.56	1.48	1.61	1.44	1.57	1.49	1.57			
175	0.70	0.82	0.80	0.74	0.70	0.84	0.76	0.80	0.69	0.77	0.76	0.88	0.72	0.81	0.83	0.88			
180	0.20	0.20	0.22	0.21	0.19	0.28	0.33	0.34	0.20	0.21	0.21	0.21	0.19	0.31	0.32	0.34			

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

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