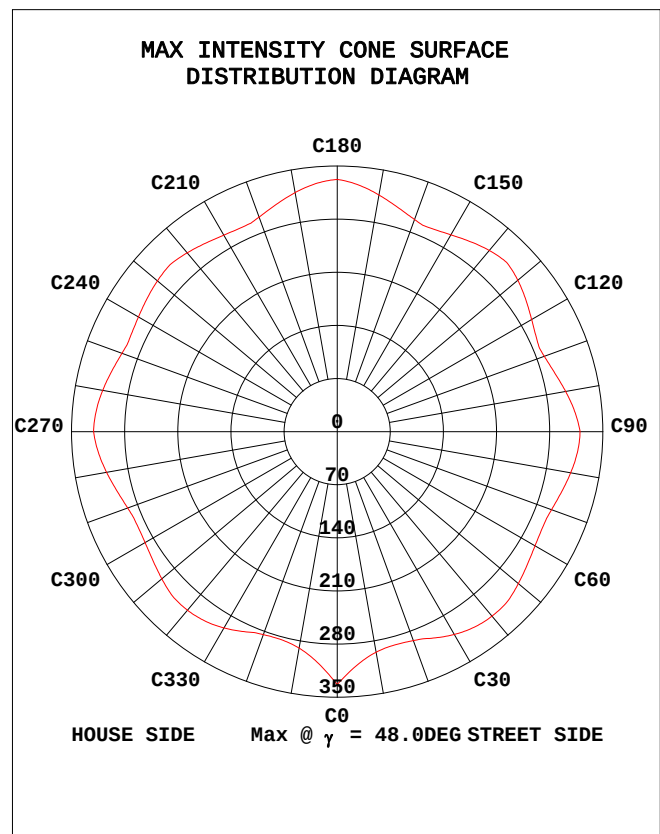
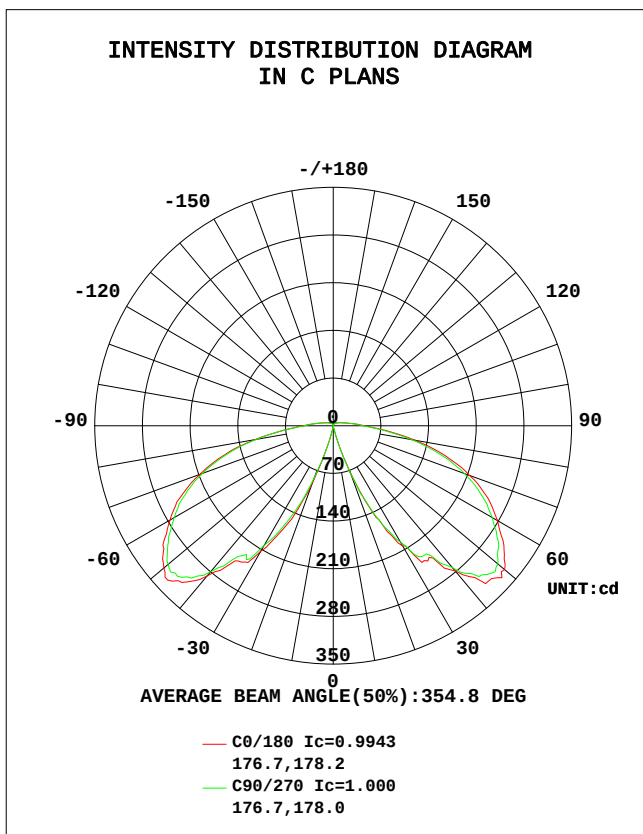


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.90V I:0.0999A P:11.805W PF:0.9860 Freq:59.98Hz Lamp Flux:1295.82x1 lm		
NAME: PLTS-12361 12W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

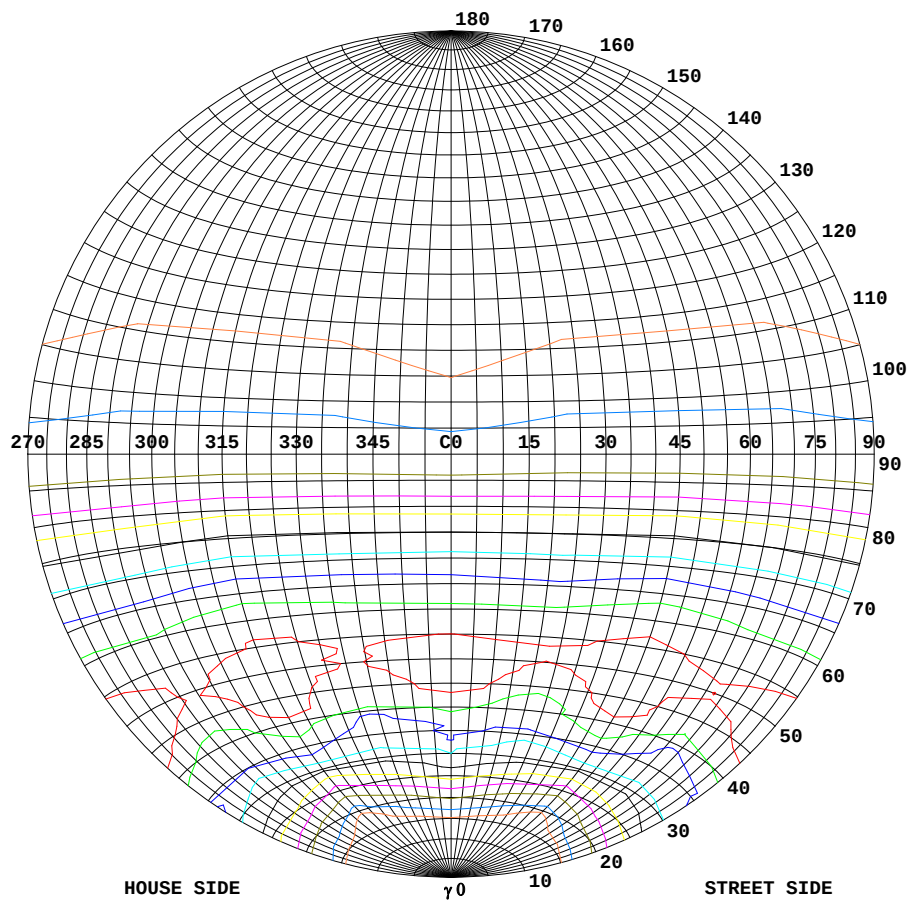
DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.77 lm/W			
MODEL		I _{max} (cd)	333.3	η street_up(%)	3.6
NOMINAL POWER(W)	25	LOR(%)	100.0	η street_down(%)	46.4
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1296	η house_up(%)	3.6
NOMINAL FLUX(lm)	1295.82	MAXIMUM @(C,γ)	0,48.0	η house_down(%)	46.4
LAMPS INSIDE	1	η up(%)	7.2	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	92.8	SLI	19.768



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:

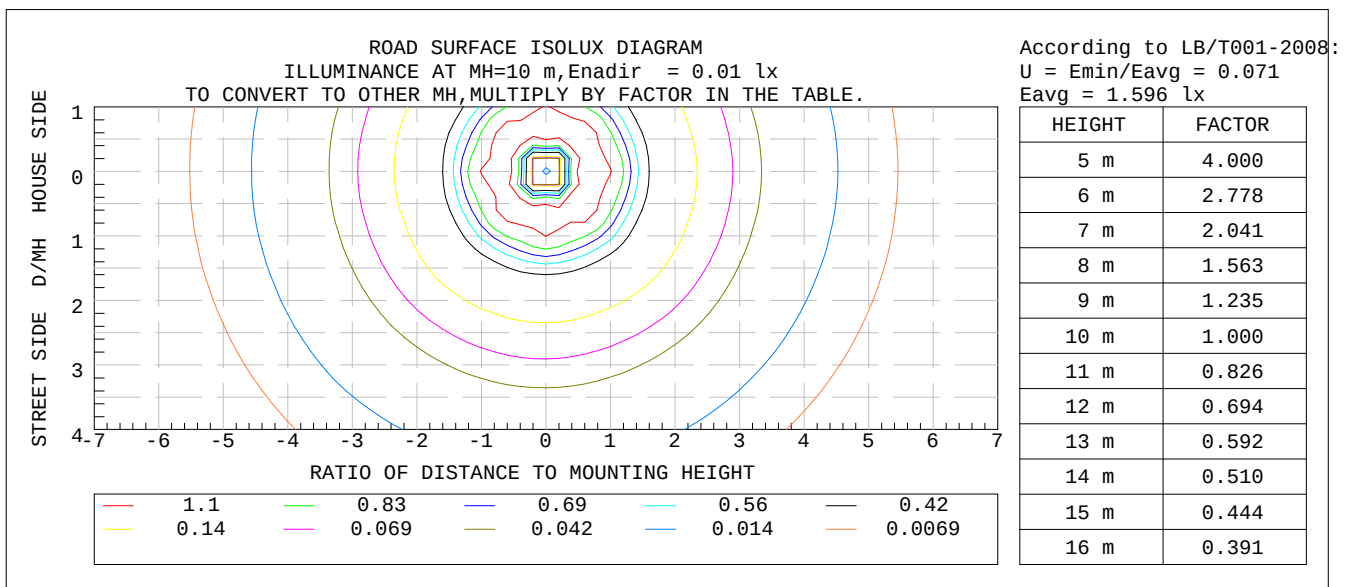
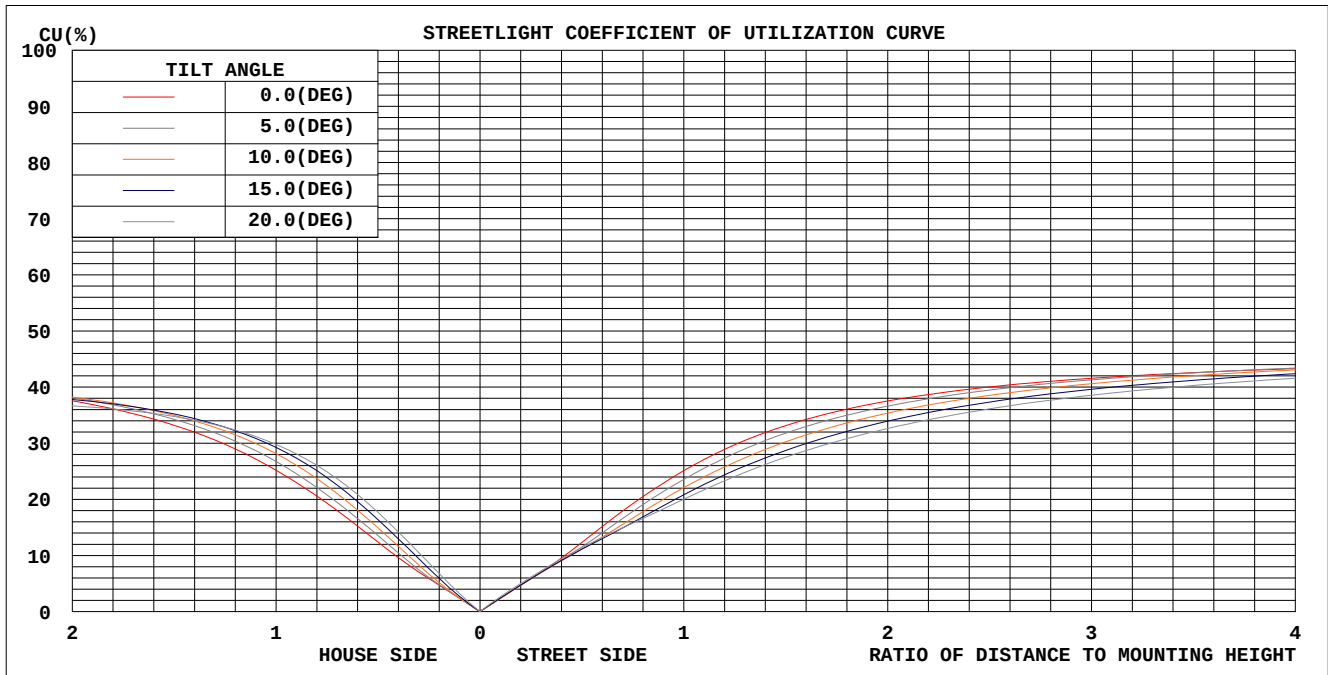
IES:Type V - Short
 CIE:Average - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:94.78cd/klm
 Max.At90:38.71cd/klm
 Max.80-90:94.78cd/klm
 NRB 5101:Semi limited[12.4%]

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:2022-05-10

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:

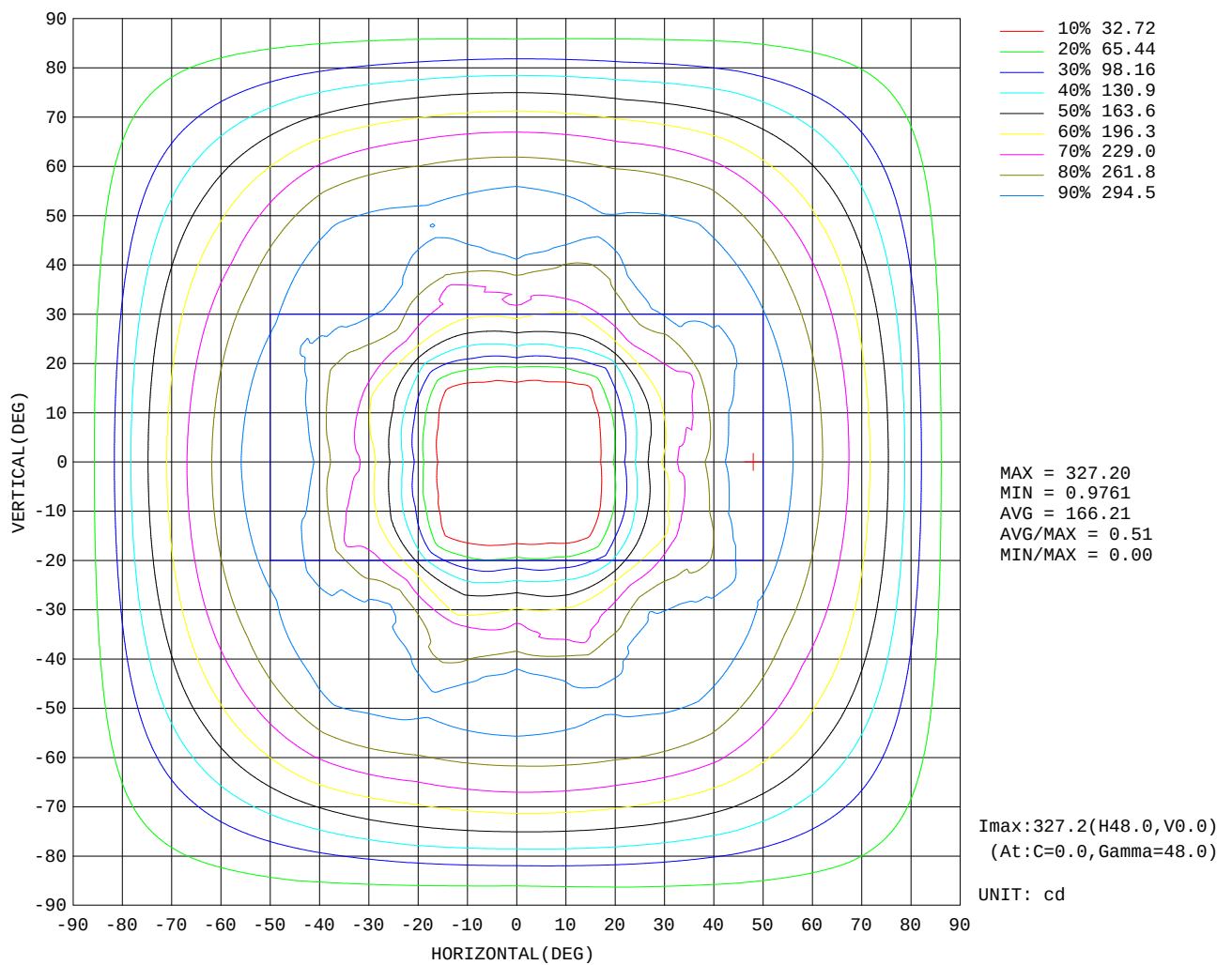
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	2.269	2.291	2.301	2.198	2.084	2.286	2.279	2.248	0- 10	0.1553	0.1553	0.01,0.01
20	72.50	19.75	74.77	24.56	85.76	27.13	79.76	23.14	10- 20	5.554	5.710	0.44,0.44
30	203.7	177.3	196.8	191.1	212.6	185.0	202.4	172.6	20- 30	58.19	63.90	4.93,4.93
40	278.4	295.0	271.5	300.8	287.7	291.6	279.8	285.3	30- 40	146.1	210.0	16.2,16.2
50	328.4	312.1	315.7	311.0	324.7	309.3	316.6	303.4	40- 50	228.9	439.0	33.9,33.9
60	278.7	284.3	269.8	281.3	276.5	283.7	269.4	278.0	50- 60	264.8	703.7	54.3,54.3
70	212.2	215.1	204.6	206.2	208.0	207.8	203.9	210.7	60- 70	241.6	945.4	73,73
80	121.1	122.8	116.0	112.1	115.6	116.6	114.2	120.7	70- 80	173.2	1119	86.3,86.3
90	46.00	50.16	43.81	48.04	43.90	48.69	42.68	48.79	80- 90	83.47	1202	92.8,92.8
100	22.30	29.32	22.07	27.90	21.92	28.53	22.16	28.75	90-100	39.13	1241	95.8,95.8
110	13.19	17.98	13.06	17.20	13.10	17.59	13.02	17.78	100-110	22.24	1263	97.5,97.5
120	8.906	12.45	8.983	11.96	8.951	12.20	8.875	12.22	110-120	13.47	1277	98.5,98.5
130	6.540	9.203	6.672	8.867	6.547	8.896	6.572	8.976	120-130	8.509	1285	99.2,99.2
140	4.753	6.598	4.901	6.277	4.790	6.184	4.797	6.315	130-140	5.253	1291	99.6,99.6
150	3.839	4.167	3.754	3.903	3.692	3.818	3.685	3.932	140-150	2.989	1294	99.8,99.8
160	2.614	2.855	2.428	2.707	2.479	2.694	2.398	2.755	150-160	1.500	1295	99.9,99.9
170	1.424	1.494	1.349	1.380	1.299	1.320	1.302	1.365	160-170	0.6020	1296	100,100
180	0.2543	0.2712	0.2529	0.2667	0.2601	0.2599	0.2472	0.2556	170-180	0.0919	1296	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:

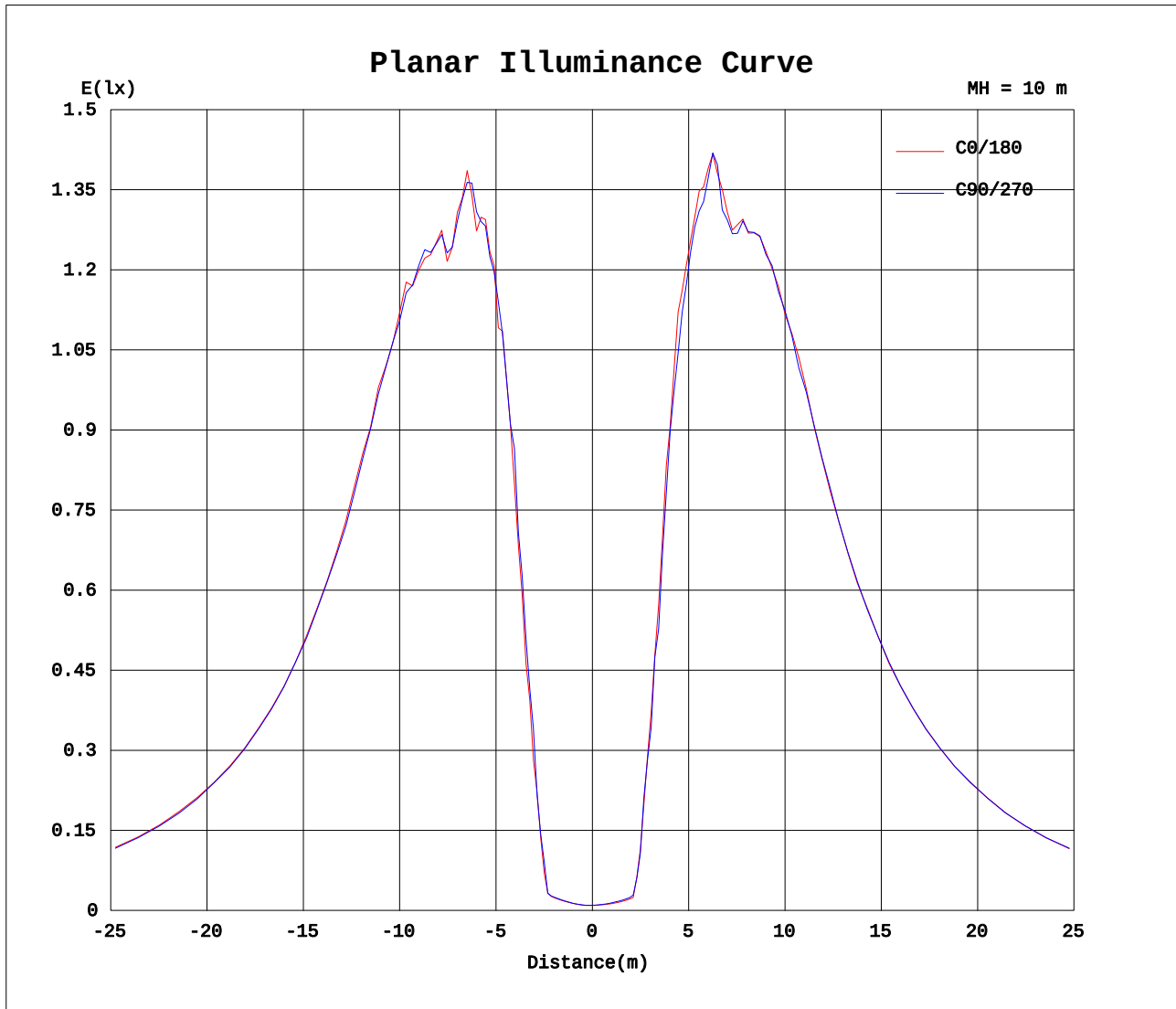
ISOCANDELA DIAGRAM



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

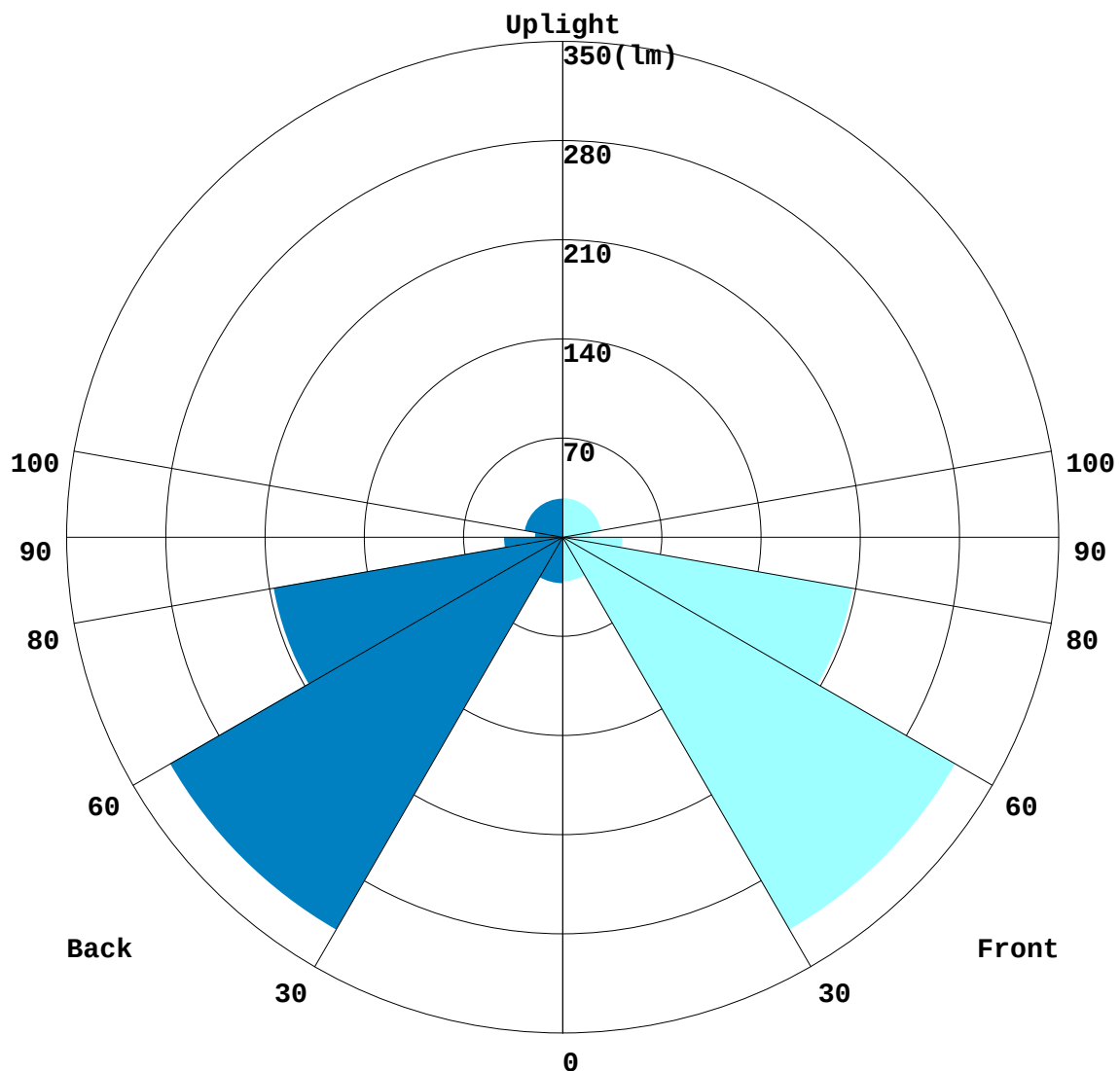


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JINZHI
Test Date: 2022-05-10

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:119.90V I:0.0999A P:11.805W PF:0.9860 Freq:59.98Hz Lamp Flux:1295.82x1 lm		
NAME: PLTS-12361 12W 3000K	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:119.90V I:0.0999A P:11.805W PF:0.9860 Freq:59.98Hz Lamp Flux:1295.82x1 lm		
NAME: PLTS-12361 12W 3000K	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)	31.257	2.4
FM - Front-Medium(30-60)	319.96	24.7
FH - Front-High(60-80)	207.78	16.0
FVH - Front-Very High(80-90)	42.165	3.3
Total Forward Light	648.35	50.0

BL - Back-Low(0-30)	32.638	2.5
BM - Back-Medium(30-60)	319.89	24.7
BH - Back-High(60-80)	207.05	16.0
BVH - Back-Very High(80-90)	41.301	3.2
Total Back Light	647.47	50.0

UL - Uplight-Low(90-100)	39.133	3.0
UH - Uplight-High(100-180)	54.648	4.2
Total Up Light	93.78	7.2

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	600.88	46.592	647.47
Street Side	601.16	47.188	648.35

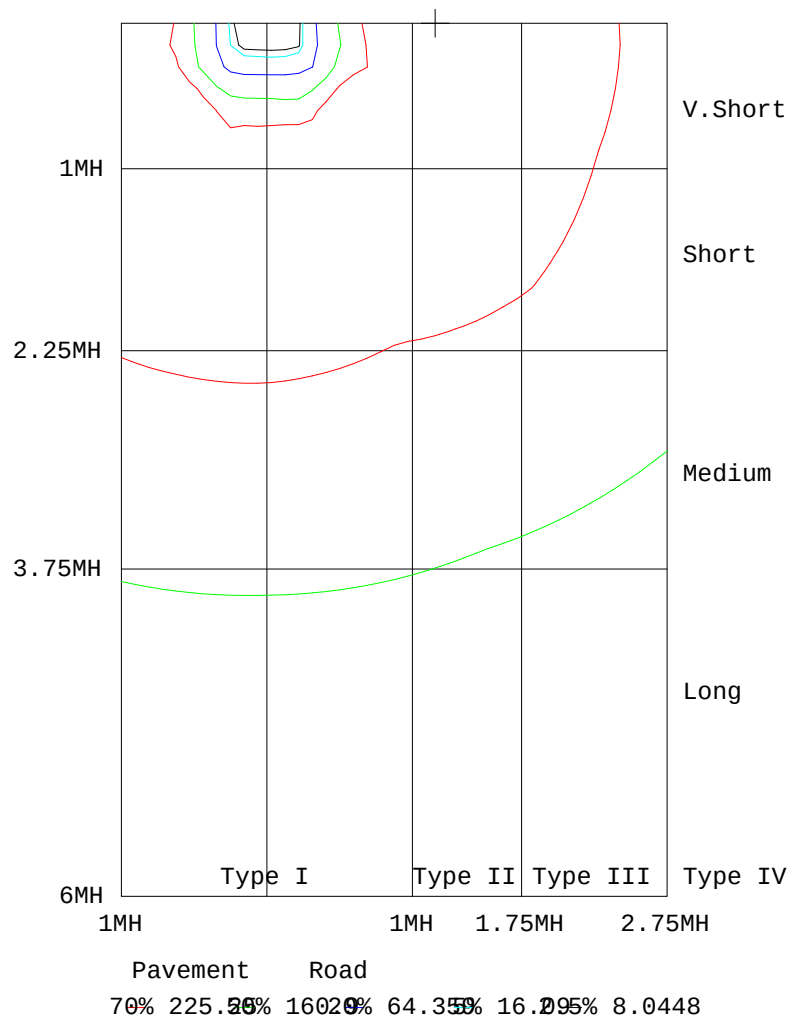
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2022-05-10

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:

ROAD ISOCANDELA REPORT

Test:U:119.90V I:0.0999A P:11.805W PF:0.9860 Freq:59.98Hz Lamp Flux:1295.82x1 lm		
NAME: PLTS-12361 12W 3000K	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: 2022-05-10

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:

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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
5	1.29	1.29	1.28	1.27	1.28	1.34	1.31	1.28	1.28	1.29	1.35	1.40	1.34	1.30	1.33	1.31			
10	2.27	2.27	2.29	2.32	2.30	2.28	2.20	2.11	2.08	2.22	2.29	2.41	2.28	2.29	2.25	2.27			
15	15.3	7.45	4.02	8.86	15.6	7.64	3.69	12.4	22.6	13.4	3.85	12.2	23.3	13.0	3.83	7.66			
20	72.5	48.5	19.8	55.0	74.8	51.6	24.6	59.4	85.8	64.1	27.1	61.8	79.8	58.0	23.1	53.5			
25	149	120	86.1	126	144	118	94.2	130	159	136	96.4	128	149	131	86.0	120			
30	204	174	177	183	197	170	191	191	213	181	185	189	202	176	173	177			
35	242	231	242	223	233	229	260	221	243	239	255	226	233	232	238	217			
40	278	255	295	252	272	246	301	259	288	254	292	264	280	242	285	247			
45	323	283	313	285	309	274	317	276	322	293	313	284	315	278	309	275			
50	328	305	312	304	316	297	311	303	325	307	309	297	317	294	303	297			
55	306	300	305	295	296	289	305	291	305	298	304	296	295	287	295	297			
60	279	277	284	277	270	267	281	272	276	277	284	278	269	266	278	275			
65	250	244	254	250	240	237	247	243	247	242	249	247	240	237	249	246			
70	212	211	215	212	205	201	206	203	208	205	208	208	204	202	211	209			
75	170	169	171	169	163	162	160	159	165	164	164	165	162	160	167	168			
80	121	122	123	122	116	116	112	112	116	116	117	116	114	114	121	120			
85	75.4	78.2	76.5	77.5	72.3	72.7	72.0	72.3	71.7	72.8	72.1	73.8	70.4	72.2	74.4	75.7			
90	46.0	49.9	50.2	49.1	43.8	46.7	48.0	46.8	43.9	46.8	48.7	46.5	42.7	46.3	48.8	48.1			
95	32.1	38.5	38.1	38.0	31.5	36.2	36.3	36.0	31.3	36.7	36.8	36.3	31.3	36.2	37.0	37.3			
100	22.3	29.9	29.3	29.2	22.1	27.6	27.9	27.9	21.9	28.0	28.5	28.0	22.2	28.0	28.8	28.7			
105	16.7	23.0	22.6	22.5	16.5	21.2	21.6	21.6	16.6	21.7	22.1	21.8	16.6	21.7	22.3	22.1			
110	13.2	18.2	18.0	17.9	13.1	16.9	17.2	17.2	13.1	17.3	17.6	17.4	13.0	17.3	17.8	17.6			
115	10.7	14.8	14.8	14.6	10.7	13.8	14.1	14.0	10.7	14.1	14.5	14.2	10.6	14.0	14.6	14.3			
120	8.91	12.3	12.5	12.1	8.98	11.4	12.0	11.7	8.95	11.6	12.2	11.7	8.87	11.6	12.2	11.7			
125	7.62	10.06	10.6	10.06	7.73	9.44	10.2	9.71	7.69	9.61	10.4	9.64	7.63	9.63	10.5	9.61			
130	6.54	8.37	9.20	8.42	6.67	7.93	8.87	8.12	6.55	8.01	8.90	8.04	6.57	8.03	8.98	7.99			
135	5.53	7.03	7.91	7.12	5.72	6.74	7.58	6.82	5.59	6.70	7.56	6.78	5.62	6.74	7.67	6.65			
140	4.75	5.81	6.60	5.93	4.90	5.65	6.28	5.54	4.79	5.47	6.18	5.61	4.80	5.60	6.31	5.50			
145	4.24	4.94	5.24	5.03	4.25	4.84	5.05	4.63	4.16	4.60	4.96	4.70	4.16	4.71	5.03	4.71			
150	3.84	4.19	4.17	4.15	3.75	4.04	3.90	3.83	3.69	3.79	3.82	3.88	3.68	3.88	3.93	3.98			
155	3.07	3.40	3.36	3.29	3.10	3.26	3.16	3.09	2.99	3.12	3.12	3.11	3.05	3.09	3.23	3.21			
160	2.61	2.88	2.85	2.62	2.43	2.58	2.71	2.61	2.48	2.59	2.69	2.55	2.40	2.50	2.76	2.70			
165	2.05	2.31	2.27	2.05	1.86	2.02	2.17	2.06	1.88	2.07	2.17	2.03	1.80	1.97	2.24	2.20			
170	1.42	1.61	1.49	1.53	1.35	1.50	1.38	1.37	1.30	1.40	1.32	1.47	1.30	1.40	1.36	1.54			
175	0.76	0.90	0.83	0.83	0.74	0.75	0.75	0.72	0.62	0.68	0.68	0.71	0.61	0.77	0.70	0.76			
180	0.25	0.25	0.27	0.26	0.25	0.25	0.27	0.26	0.26	0.27	0.26	0.26	0.25	0.26	0.26	0.27			

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: