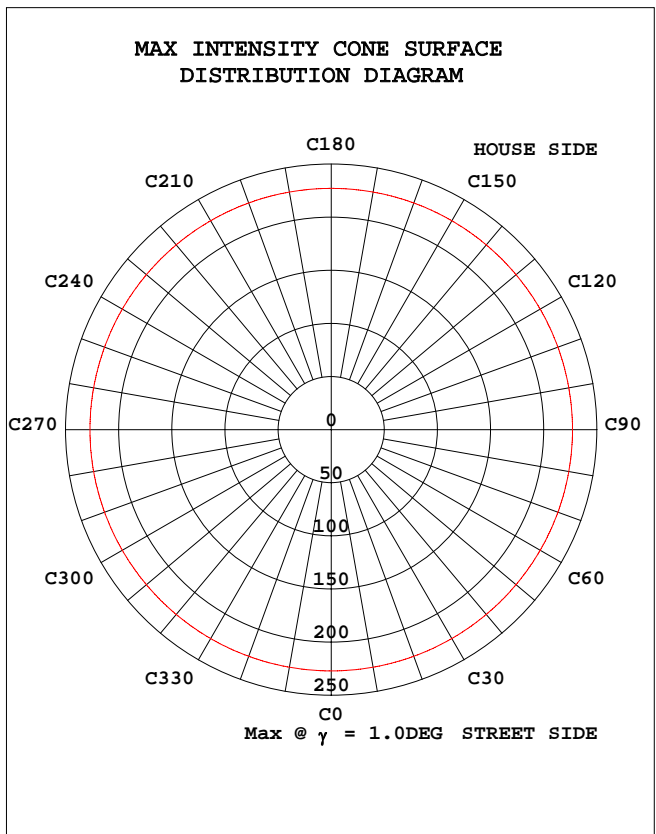
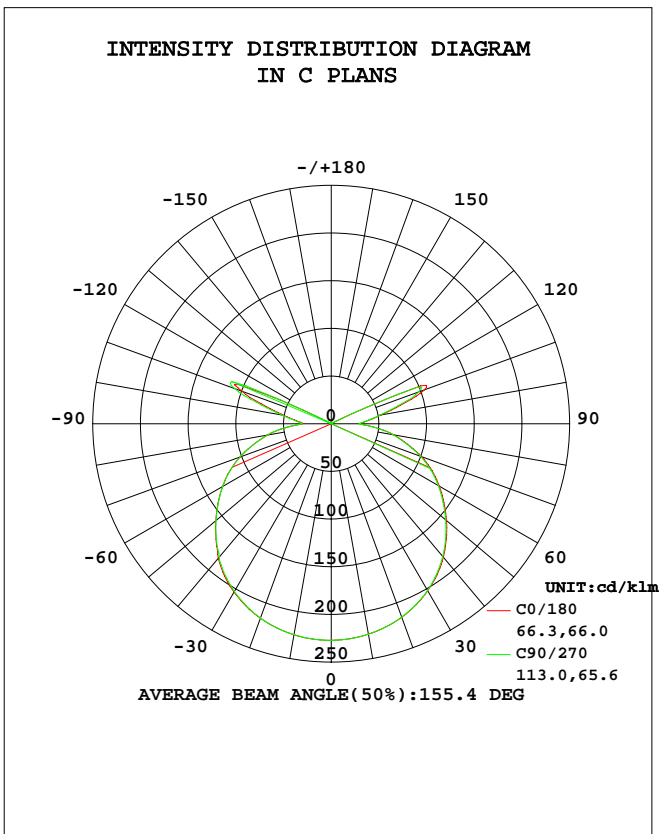


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:1.000 Freq:0Hz Lamp Flux:1944.64x1 lm		
NAME: 25莲花灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

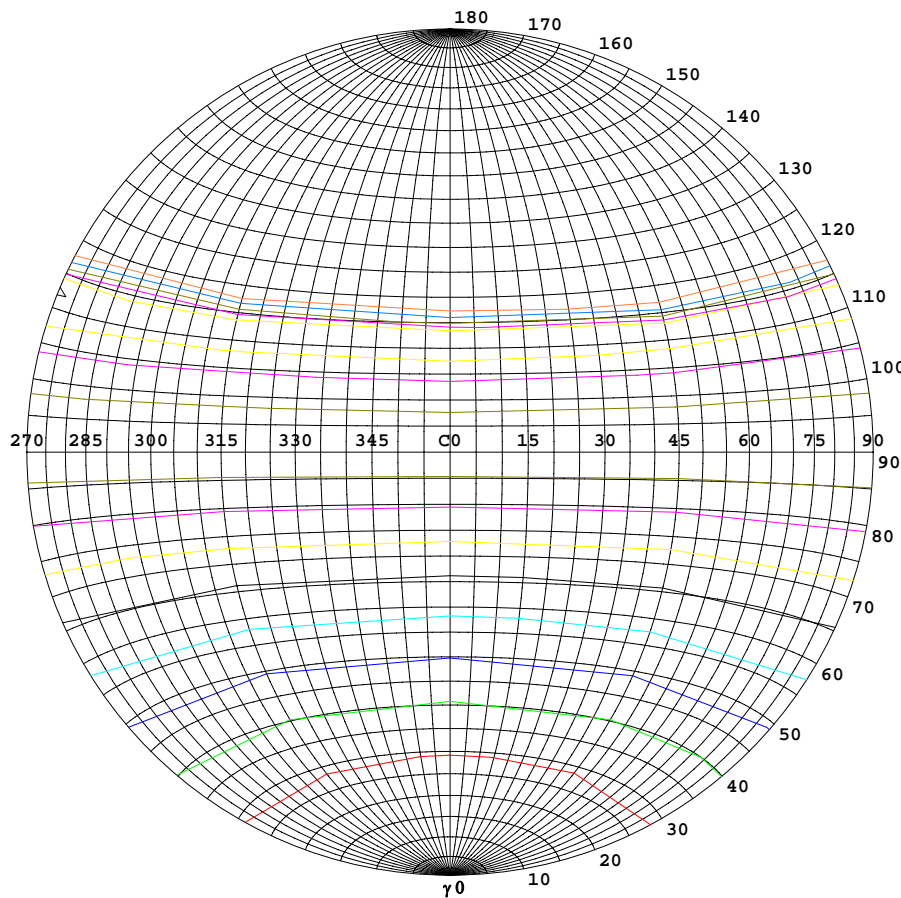
DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	25莲花灯	I _{max} (cd/klm)	227.1	η street_up(%)	11.3
NOMINAL POWER(W)	25	LOR(%)	100.0	η street_down(%)	51.0
RATED VOLTAGE(V)		TOTAL FLUX(lm/klm)	1000	η house_up(%)	6.8
NOMINAL FLUX(lm)	1944.64	MAXIMUM @(C,γ)	180,1.0	η house_down(%)	30.9
LAMPS INSIDE	1	η up(%)	18.1	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	81.9	SLI	



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.684m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

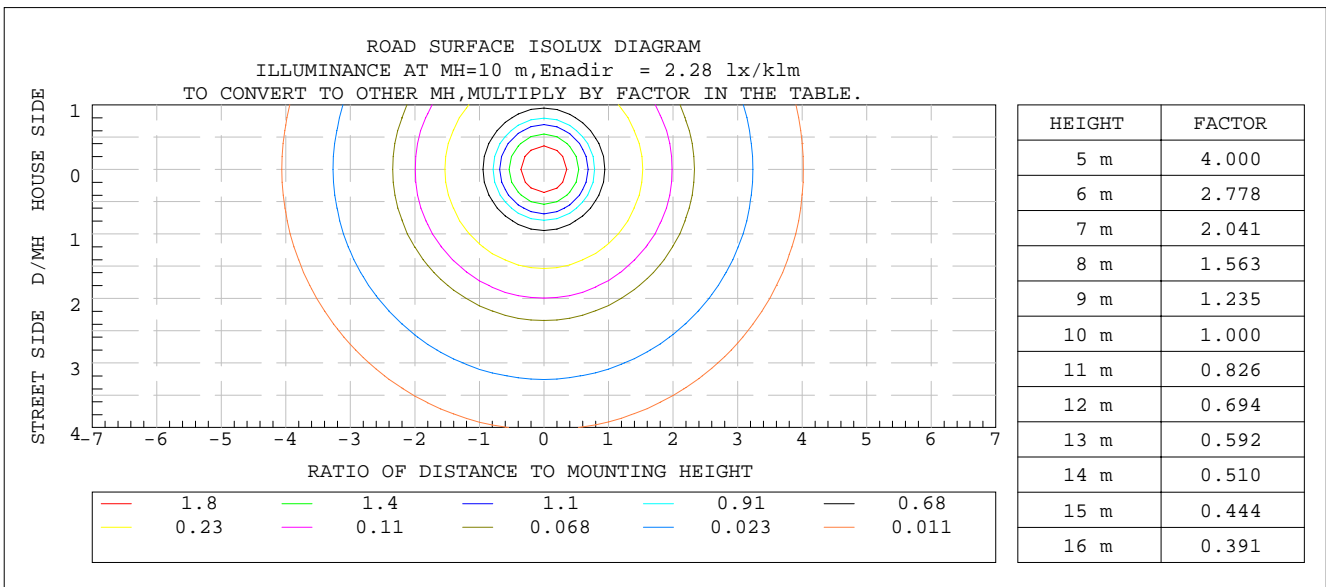
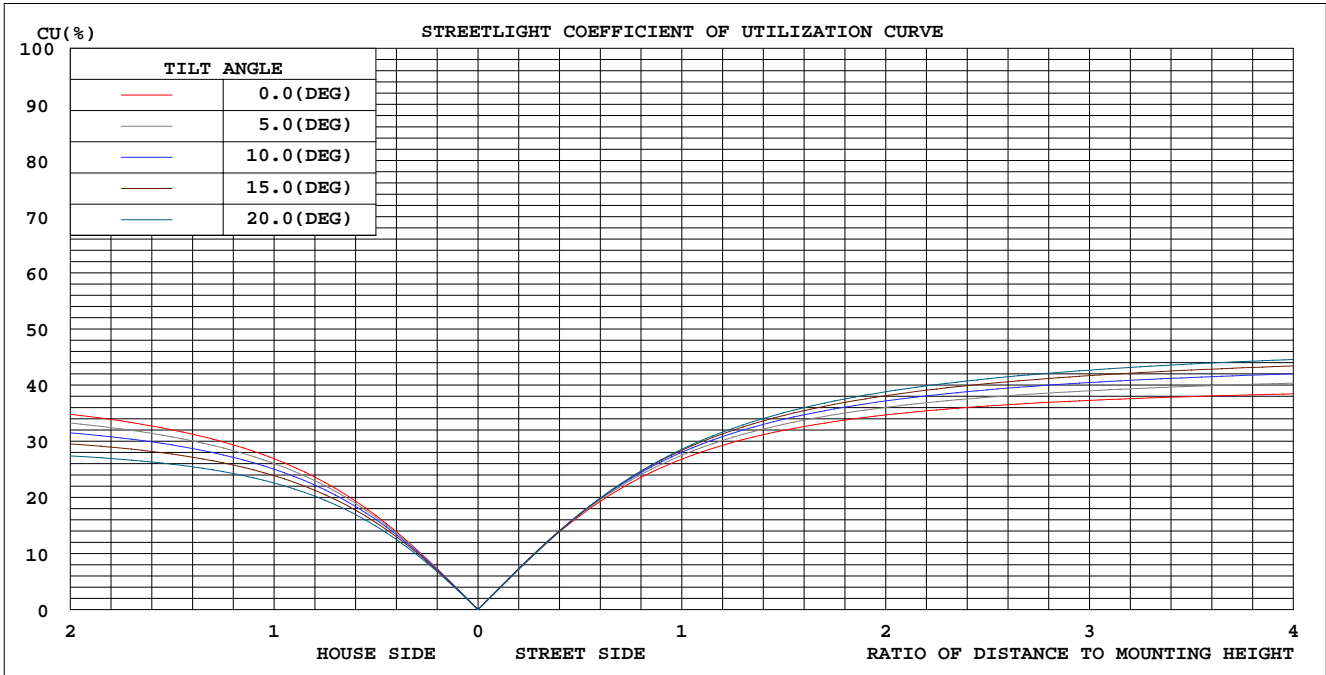
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:68.13cd/klm
 Max.At90:30.89cd/klm
 Max.80-90:68.13cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	227
90%	204
80%	182
70%	159
60%	136
50%	114
40%	91
30%	68
20%	45
10%	23
5%	11

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.684m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-04-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.684m [K=1.0000]
Remarks:

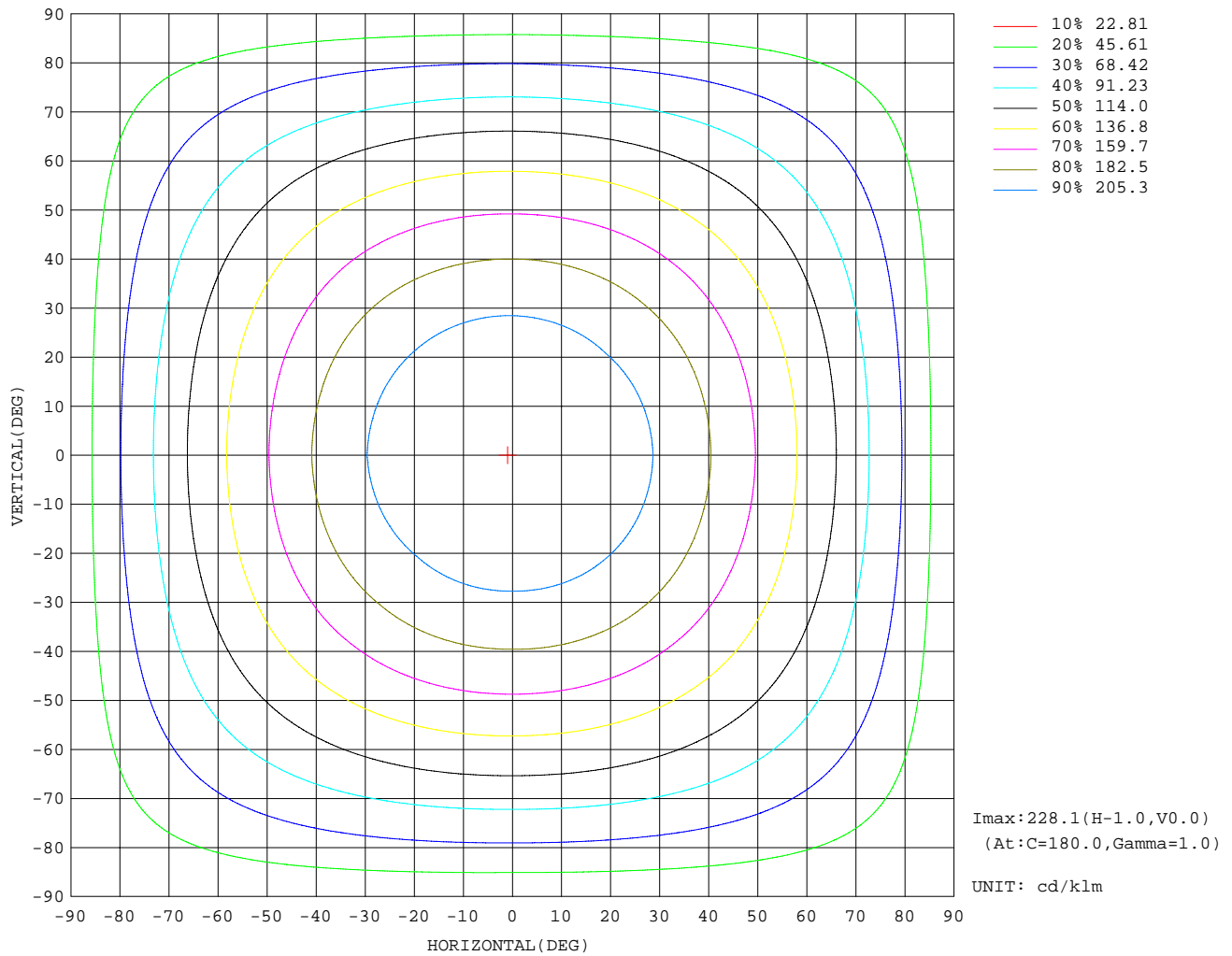
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	224.0	224.0	224.1	224.5	224.7	224.7	224.7	224.3	0- 10	21.55	21.55	2.15,2.15
20	215.9	215.8	215.8	216.6	217.0	217.0	216.9	216.3	10- 20	62.48	84.03	8.4,8.4
30	202.3	202.1	201.9	202.9	203.8	203.2	203.1	202.5	20- 30	97.03	181.1	18.1,18.1
40	182.8	182.2	181.8	182.7	184.5	183.4	182.7	182.9	30- 40	121.3	302.3	30.2,30.2
50	157.7	156.5	156.6	157.2	158.0	158.5	157.8	158.2	40- 50	131.6	434.0	43.4,43.4
60	130.9	129.6	129.6	131.0	131.6	132.2	131.4	131.5	50- 60	129.2	563.2	56.3,56.3
70	100.8	99.79	99.50	100.7	101.8	102.4	101.7	101.5	60- 70	115.5	678.6	67.9,67.9
80	66.14	65.99	65.48	66.77	67.57	68.13	67.97	66.65	70- 80	88.30	766.9	76.7,76.7
90	30.36	29.83	29.20	30.22	30.09	30.50	30.89	30.79	80- 90	51.99	818.9	81.9,81.9
100	52.86	51.37	51.41	50.68	50.03	52.26	52.12	51.10	90-100	42.13	861.0	86.1,86.1
110	104.2	97.24	97.59	99.82	99.45	104.2	107.1	100.7	100-110	78.78	939.8	94,94
120	3.540	2.931	2.697	2.390	3.301	3.378	4.063	3.025	110-120	55.09	994.9	99.5,99.5
130	1.665	1.873	1.332	1.310	1.333	1.546	1.438	1.404	120-130	1.525	996.4	99.6,99.6
140	1.668	1.773	1.429	1.419	1.430	1.583	1.478	1.559	130-140	1.172	997.6	99.8,99.8
150	1.701	1.683	1.544	1.550	1.599	1.598	1.593	1.650	140-150	0.9870	998.6	99.9,99.9
160	1.762	1.758	1.681	1.681	1.680	1.673	1.720	1.723	150-160	0.7702	999.3	99.9,99.9
170	1.798	1.795	1.729	1.717	1.750	1.722	1.754	1.781	160-170	0.4923	999.8	100,100
180	1.774	1.788	1.787	1.793	1.780	1.785	1.787	1.793	170-180	0.1687	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.684m [K=1.0000]
Remarks:

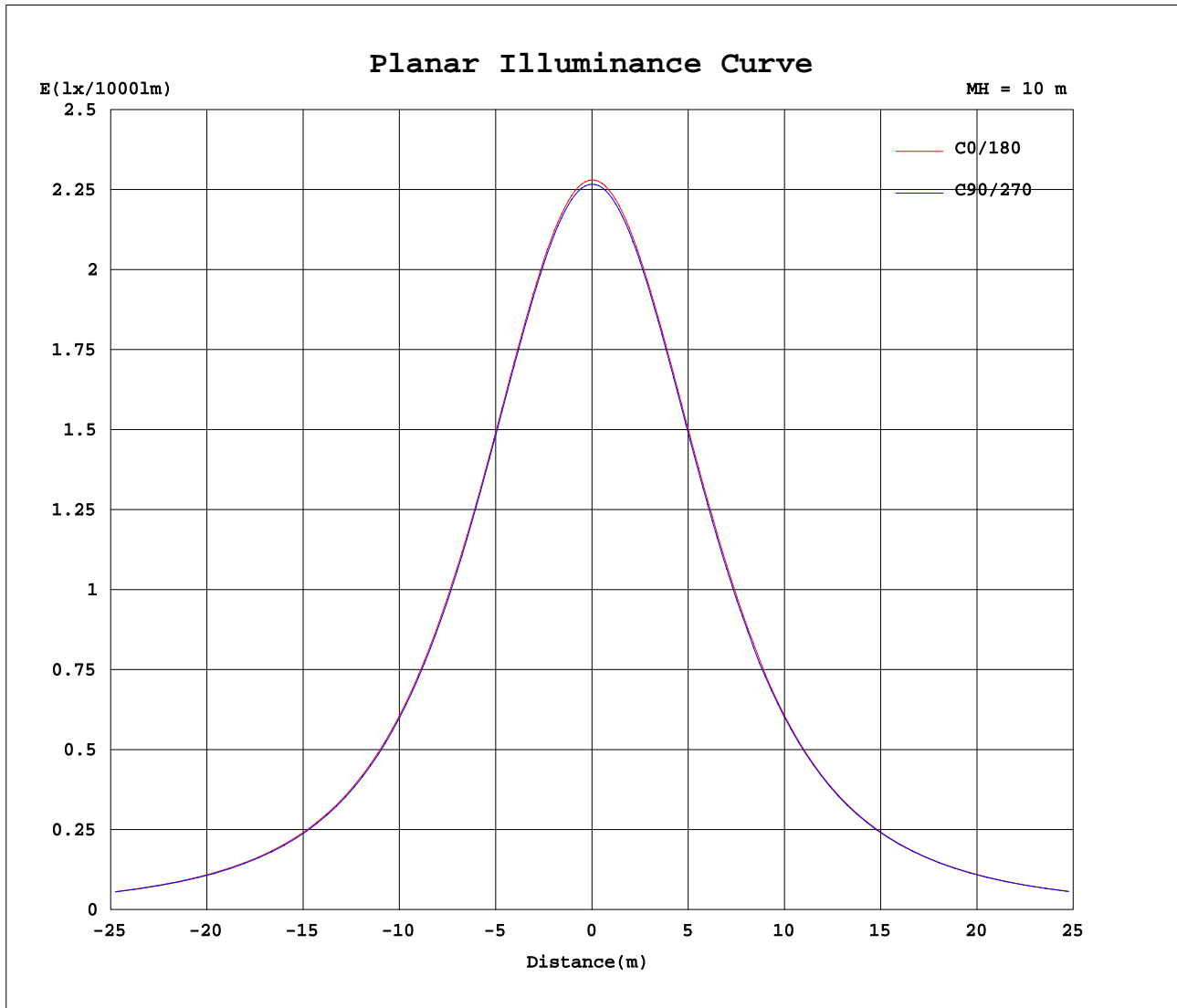
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.684m [K=1.0000]
 Remarks:

Planar Illuminance Curve



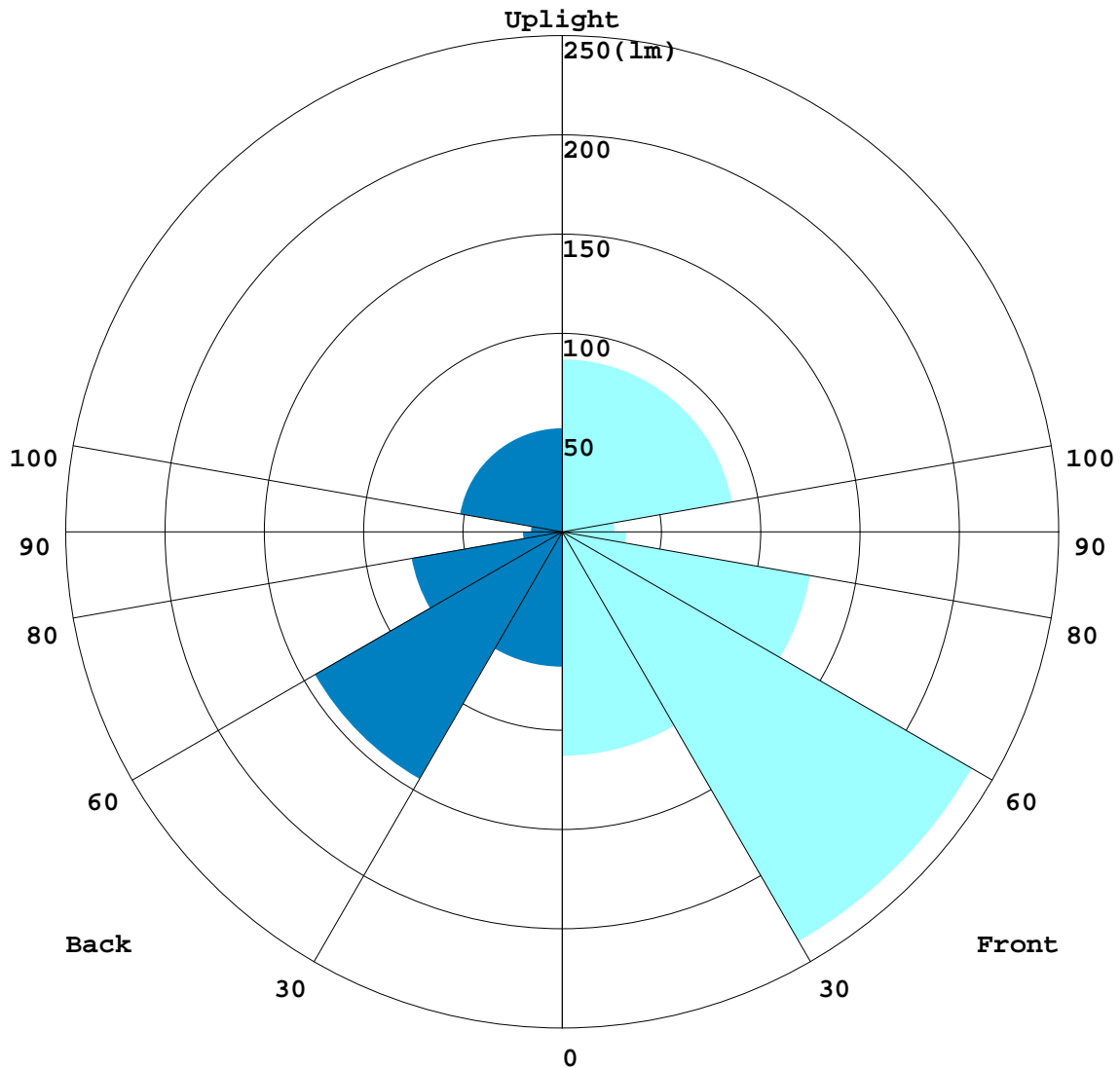
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.684m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:0V I:0A P:0W PF:1.000 Freq:0Hz Lamp Flux:1944.64x1 lm		
NAME: 25莲花灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.684m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:0V I:0A P:0W PF:1.000 Freq:0Hz Lamp Flux:1944.64x1 lm		
NAME: 25莲花灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	112.99	11.3
FM - Front-Medium(30-60)	238.3	23.8
FH - Front-High(60-80)	126.8	12.7
FVH - Front-Very High(80-90)	32.259	3.2
Total Forward Light	623.67	62.4

BL - Back-Low(0-30)	68.069	6.8
BM - Back-Medium(30-60)	143.8	14.4
BH - Back-High(60-80)	76.949	7.7
BVH - Back-Very High(80-90)	19.731	2.0
Total Back Light	376.33	37.6

UL - Uplight-Low(90-100)	42.126	4.2
UH - Uplight-High(100-180)	138.98	13.9
Total Up Light	181.11	18.1

BUG(Back,Up,Glare) Rating	B0-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	308.55	67.781	376.33
Street Side	510.34	113.33	623.67

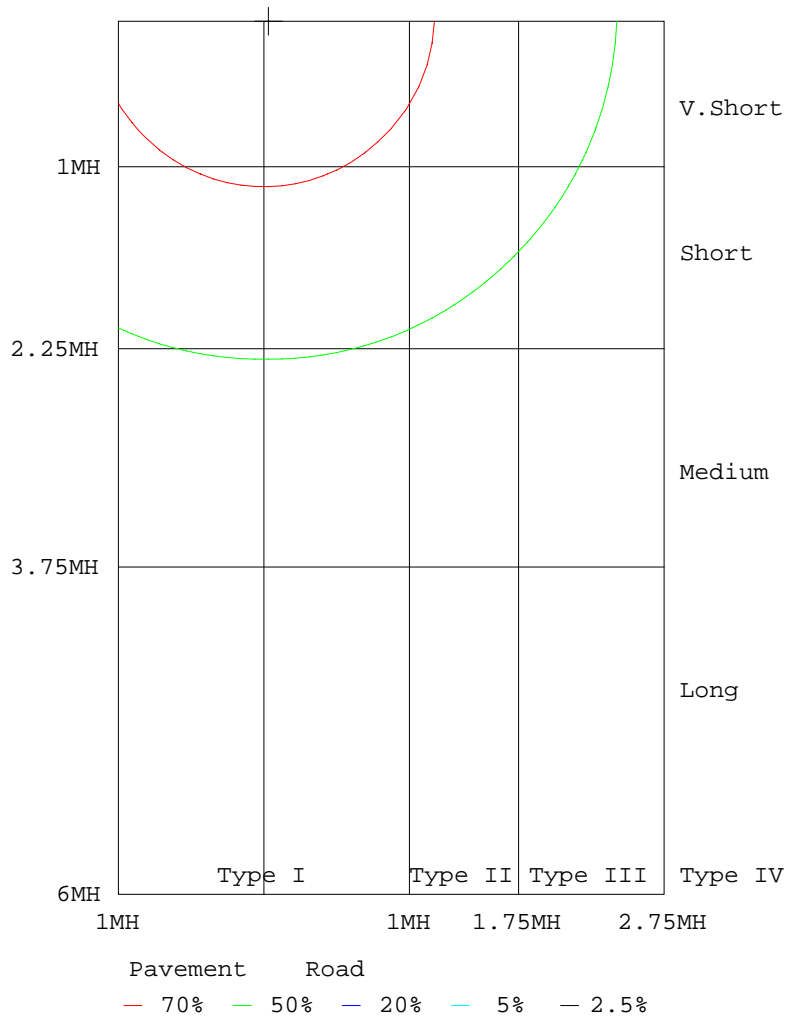
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.684m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:0V I:0A P:0W PF:1.000 Freq:0Hz Lamp Flux:1944.64x1 lm		
NAME: 25莲花灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.684m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315											
0	227	227	227	227	227	227	227	227											
5	226	226	226	226	227	227	227	226											
10	224	224	224	224	225	225	225	224											
15	221	221	221	221	222	221	221	221											
20	216	216	216	217	217	217	217	216											
25	210	210	210	211	211	211	211	210											
30	202	202	202	203	204	203	203	203											
35	194	193	193	194	195	194	194	194											
40	183	182	182	183	184	183	183	183											
45	171	169	170	170	171	171	170	171											
50	158	156	157	157	158	159	158	158											
55	144	143	143	144	145	145	145	145											
60	131	130	130	131	132	132	131	131											
65	117	116	115	117	117	118	117	117											
70	101	99.8	99.5	101	102	102	102	102											
75	82.7	82.4	81.7	83.4	84.4	84.5	84.5	83.5											
80	66.1	66.0	65.5	66.8	67.6	68.1	68.0	66.7											
85	46.6	46.7	46.1	47.8	48.3	48.4	48.9	47.7											
90	30.4	29.8	29.2	30.2	30.1	30.5	30.9	30.8											
95	38.5	37.9	37.7	37.2	36.5	37.9	37.8	37.9											
100	52.9	51.4	51.4	50.7	50.0	52.3	52.1	51.1											
105	75.3	72.3	72.0	71.7	71.1	74.3	75.4	71.8											
110	104	97.2	97.6	99.8	99.5	104	107	101											
115	40.8	27.5	42.0	50.6	59.3	46.4	63.6	60.0											
120	3.54	2.93	2.70	2.39	3.30	3.38	4.06	3.02											
125	1.74	1.87	1.29	1.32	1.30	1.62	1.53	1.36											
130	1.67	1.87	1.33	1.31	1.33	1.55	1.44	1.40											
135	1.67	1.87	1.37	1.36	1.38	1.54	1.44	1.46											
140	1.67	1.77	1.43	1.42	1.43	1.58	1.48	1.56											
145	1.68	1.66	1.48	1.48	1.52	1.59	1.52	1.62											
150	1.70	1.68	1.54	1.55	1.60	1.60	1.59	1.65											
155	1.74	1.78	1.62	1.61	1.65	1.63	1.66	1.68											
160	1.76	1.76	1.68	1.68	1.68	1.67	1.72	1.72											
165	1.80	1.78	1.72	1.70	1.74	1.69	1.74	1.75											
170	1.80	1.79	1.73	1.72	1.75	1.72	1.75	1.78											
175	1.78	1.82	1.77	1.76	1.75	1.76	1.78	1.79											
180	1.77	1.79	1.79	1.79	1.78	1.79	1.79	1.79											

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.684m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	227.1	227.1	227.1	227.1	227.1	227.1	227.1	227.1
3.0	226.8	226.7	226.8	226.9	227.0	226.9	226.9	226.8
6.0	225.9	225.9	226.0	226.1	226.4	226.3	226.3	226.0
9.0	224.6	224.5	224.6	225.0	225.2	225.2	225.2	224.8
12.0	222.8	222.7	222.8	223.3	223.6	223.6	223.6	223.1
15.0	220.6	220.5	220.6	221.2	221.5	221.5	221.5	221.0
18.0	218.0	217.9	217.9	218.6	219.1	219.0	218.9	218.3
21.0	214.9	214.7	214.7	215.5	216.0	215.9	215.8	215.3
24.0	211.1	211.0	211.0	211.8	212.5	212.2	212.1	211.6
27.0	207.0	206.7	206.7	207.7	208.4	207.9	207.8	207.3
30.0	202.3	202.1	201.9	202.9	203.8	203.2	203.1	202.5
33.0	197.2	196.8	196.5	197.6	198.8	198.0	197.8	197.3
36.0	191.5	191.5	190.6	191.7	193.0	192.2	191.9	191.6
39.0	185.1	185.1	184.1	185.5	186.5	185.7	185.7	185.1
42.0	178.1	176.9	177.1	177.5	178.4	178.7	177.7	178.3
45.0	170.7	169.5	169.7	170.2	170.9	171.3	170.5	170.9
48.0	163.0	161.8	161.9	162.5	163.3	163.8	163.0	163.4
51.0	155.0	153.8	153.9	154.6	155.3	155.9	155.2	155.5
54.0	146.9	145.6	145.7	146.8	147.4	148.0	147.1	147.5
57.0	138.9	137.6	137.7	139.0	139.6	140.2	139.3	139.5
60.0	130.9	129.6	129.6	131.0	131.6	132.2	131.4	131.5
63.0	122.5	121.4	121.1	122.5	123.5	123.9	123.2	123.1
66.0	113.6	112.5	112.3	113.5	114.4	115.1	114.4	114.3
69.0	104.1	103.1	102.8	104.0	105.0	105.6	105.0	104.7
72.0	93.45	93.03	92.17	93.87	95.10	95.28	94.95	94.26
75.0	82.68	82.38	81.68	83.35	84.42	84.54	84.54	83.49
78.0	72.51	72.32	71.82	73.22	74.08	74.51	74.36	73.17
81.0	62.61	62.71	62.04	63.44	64.17	64.63	64.57	63.30
84.0	50.72	50.93	50.20	51.89	52.45	52.71	52.97	51.87
87.0	38.35	38.20	37.73	39.46	39.83	39.83	40.48	39.44
90.0	30.36	29.83	29.20	30.22	30.09	30.50	30.89	30.79
93.0	34.43	33.77	33.37	33.19	32.62	33.58	33.85	33.93
96.0	40.87	40.29	40.15	39.66	38.78	40.44	40.18	40.23
99.0	49.52	48.22	48.26	47.58	46.91	49.01	48.74	48.09
102.0	60.70	58.77	58.58	58.00	57.35	59.86	59.97	58.27
105.0	75.28	72.27	71.99	71.70	71.14	74.30	75.41	71.76
108.0	93.56	89.08	89.49	90.89	89.96	93.72	96.15	90.93
111.0	106.9	100.8	100.5	104.3	104.5	108.2	112.3	104.2
114.0	70.24	54.35	74.64	75.41	80.13	76.22	98.00	81.67
117.0	12.63	10.24	11.04	10.71	16.24	12.71	16.08	16.67
120.0	3.540	2.931	2.697	2.390	3.301	3.378	4.063	3.025
123.0	1.890	1.991	1.305	1.361	1.375	1.741	1.749	1.378
126.0	1.708	1.901	1.292	1.313	1.303	1.601	1.495	1.361
129.0	1.665	1.978	1.323	1.307	1.324	1.559	1.444	1.395
132.0	1.665	1.918	1.347	1.328	1.348	1.531	1.441	1.437
135.0	1.665	1.870	1.374	1.365	1.376	1.543	1.444	1.456
138.0	1.662	1.831	1.398	1.395	1.409	1.574	1.465	1.516
141.0	1.665	1.728	1.441	1.435	1.445	1.574	1.487	1.580
144.0	1.674	1.667	1.474	1.474	1.487	1.577	1.511	1.608
147.0	1.689	1.670	1.511	1.517	1.539	1.613	1.544	1.638
150.0	1.701	1.683	1.544	1.550	1.599	1.598	1.593	1.650
153.0	1.725	1.734	1.586	1.590	1.641	1.622	1.623	1.674
156.0	1.743	1.785	1.629	1.626	1.656	1.634	1.672	1.696
159.0	1.765	1.761	1.677	1.672	1.671	1.664	1.714	1.717
162.0	1.803	1.767	1.708	1.705	1.713	1.676	1.732	1.732
165.0	1.801	1.779	1.723	1.696	1.737	1.692	1.741	1.750
168.0	1.804	1.788	1.729	1.705	1.744	1.710	1.741	1.775
171.0	1.777	1.804	1.735	1.726	1.755	1.734	1.760	1.778
174.0	1.777	1.813	1.762	1.751	1.746	1.746	1.769	1.784
177.0	1.780	1.819	1.790	1.772	1.762	1.773	1.781	1.793
180.0	1.774	1.788	1.787	1.793	1.780	1.785	1.787	1.793

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.684m [K=1.0000]
 Remarks: