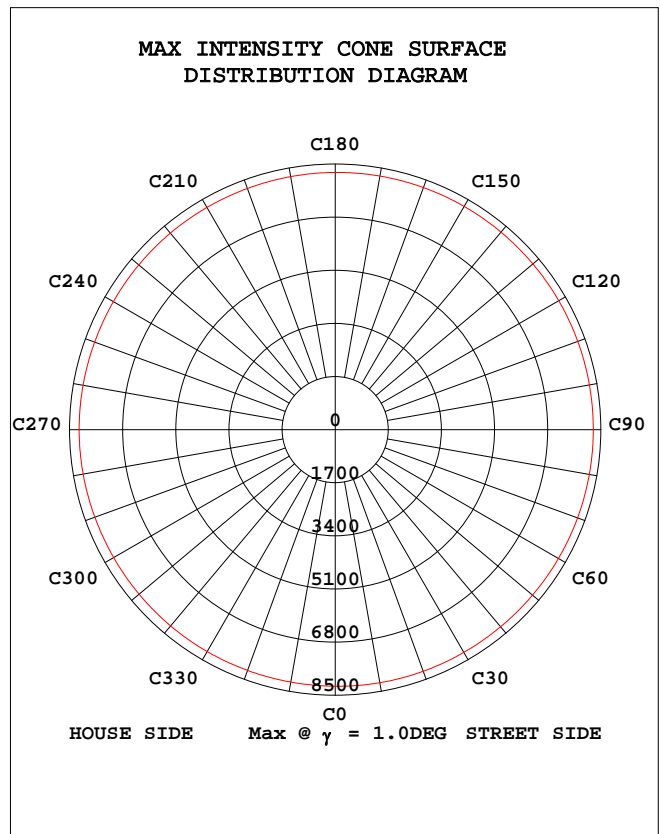
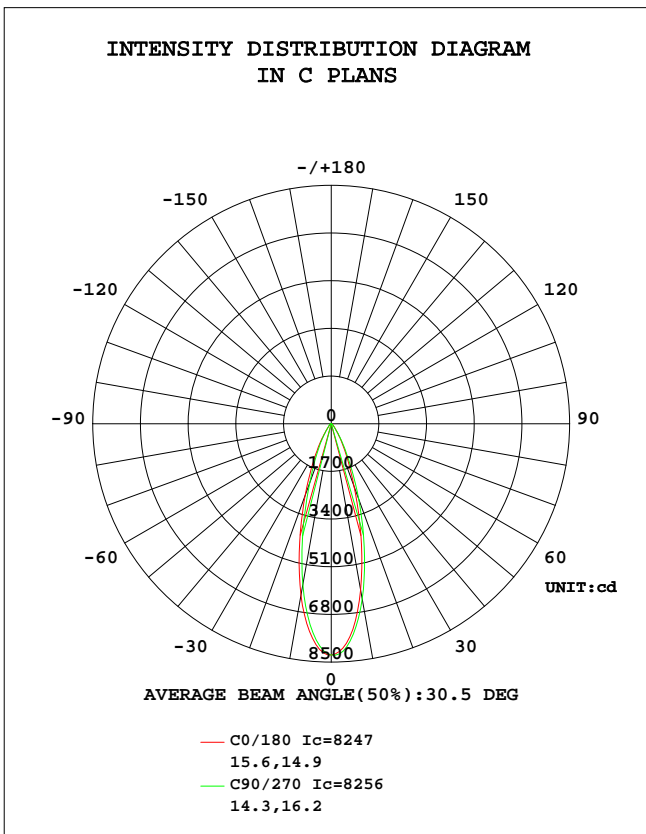


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.1974A P:23.428W PF:0.9903 Freq:59.98Hz Lamp Flux:3018.39x1 lm		
NAME: 25W 3K 子弹头	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

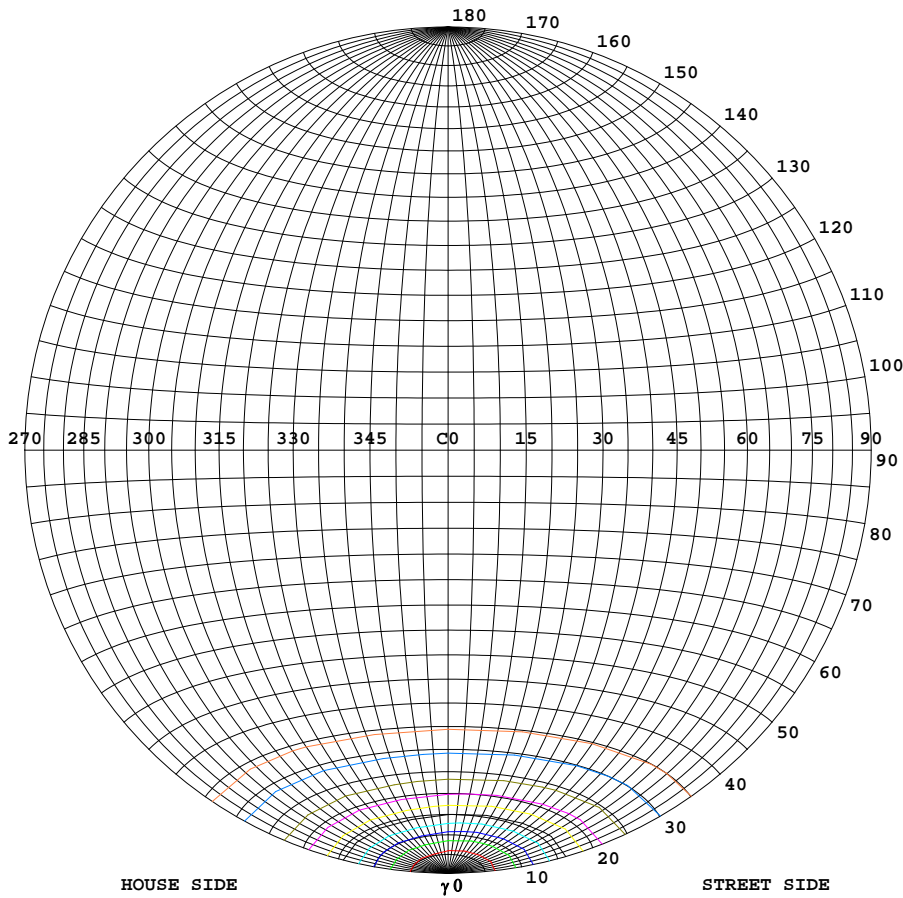
DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.83 lm/W			
MODEL		I _{max} (cd)	8259	η street_up(%)	0.3
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	51.3
RATED VOLTAGE(V)		TOTAL FLUX(lm)	3018	η house_up(%)	0.3
NOMINAL FLUX(lm)	3018.39	MAXIMUM @(C,γ)	113,1.0	η house_down(%)	48.2
LAMPS INSIDE	1	η up(%)	0.5	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	99.5	SLI	17.026



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2022-08-10

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:

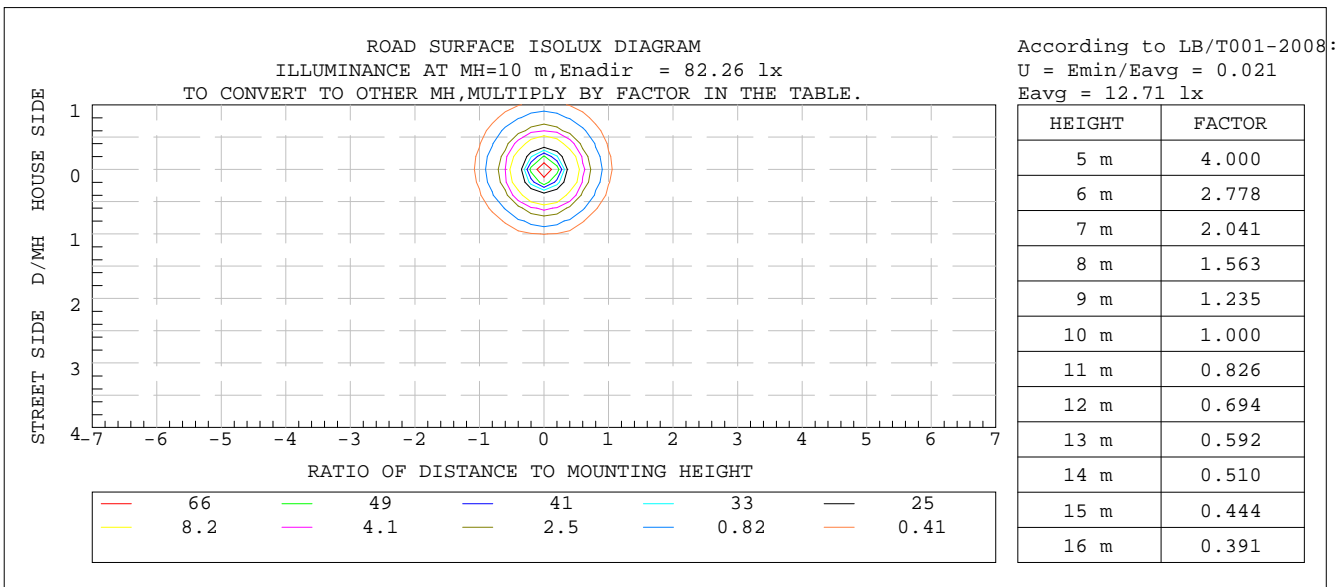
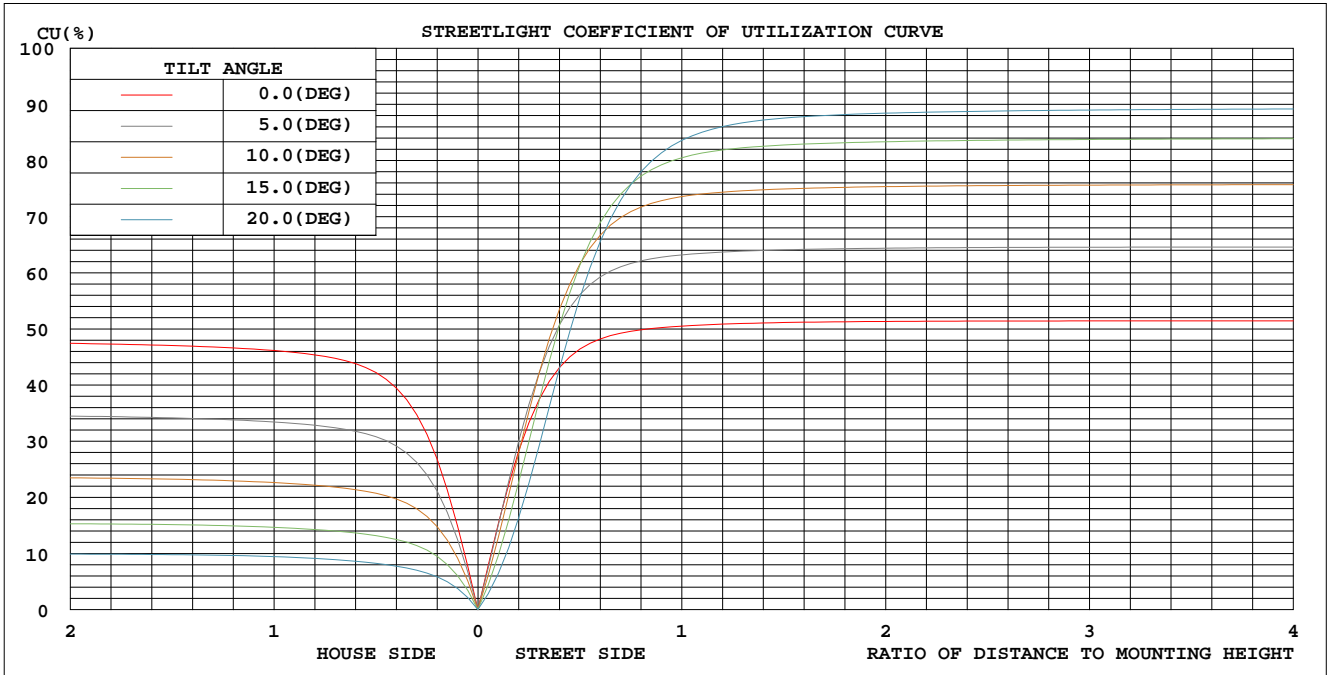
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:5.928cd/klm
 Max.At90:0.2399cd/klm
 Max.80-90:5.928cd/klm
 NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8259
90%	7433
80%	6608
70%	5782
60%	4956
50%	4130
40%	3304
30%	2478
20%	1652
10%	826
5%	413

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2022-08-10

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: JZ
Test Date: 2022-08-10

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:

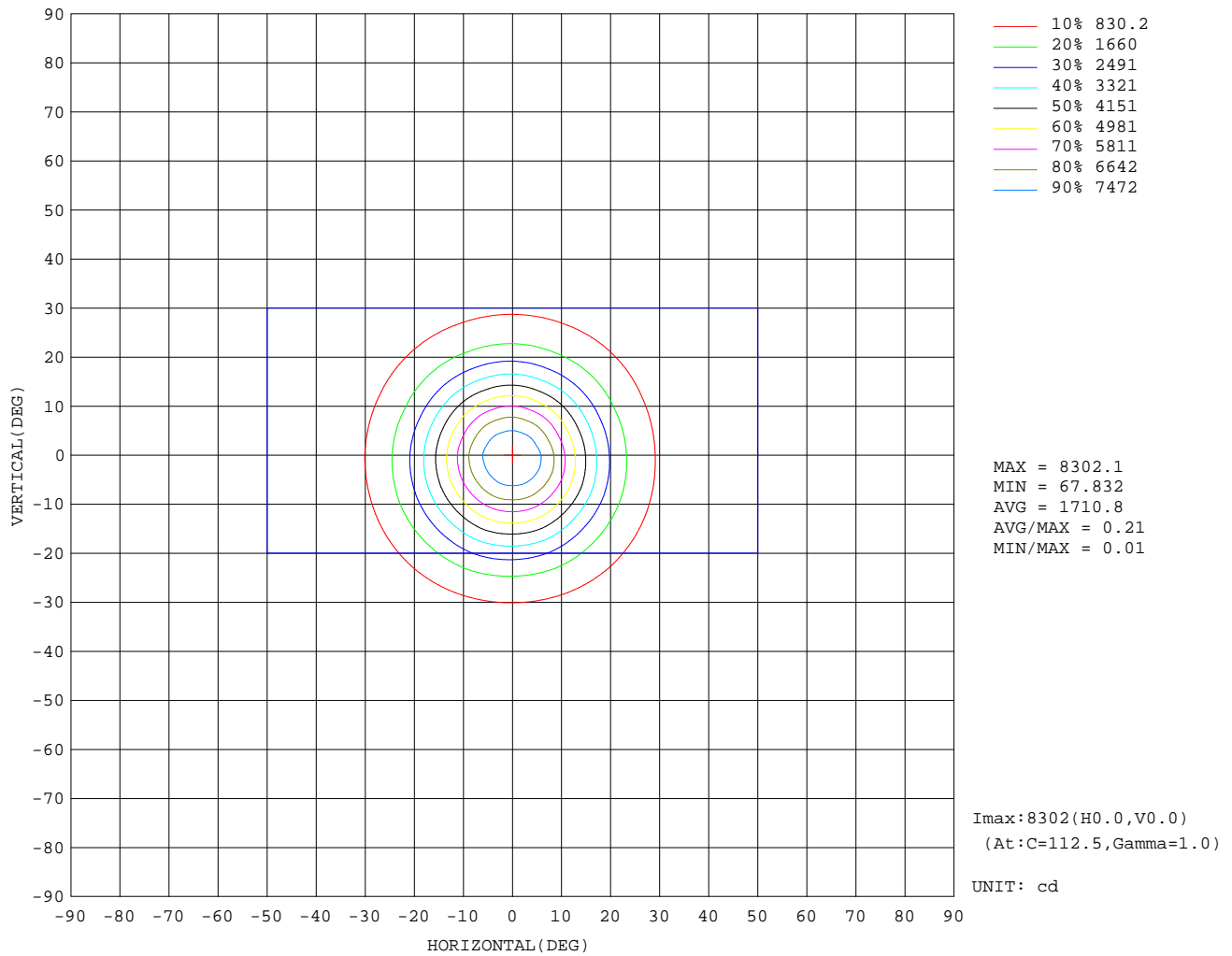
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6033	6284	6360	6356	6217	5997	5835	5853	0- 10	680.0	680.0	22.5,22.5
20	2400	2669	2873	2872	2724	2443	2265	2263	10- 20	1154	1834	60.7,60.7
30	734.7	813.0	841.4	857.1	837.2	731.0	701.4	704.9	20- 30	679.7	2513	83.3,83.3
40	215.5	199.8	202.2	209.2	207.2	210.9	212.6	217.8	30- 40	260.4	2774	91.9,91.9
50	100.1	88.66	78.89	79.13	93.39	100.8	102.1	103.3	40- 50	107.1	2881	95.4,95.4
60	59.14	47.87	34.53	33.80	50.39	61.13	64.44	64.52	50- 60	62.01	2943	97.5,97.5
70	35.19	20.70	8.149	7.143	19.58	34.22	42.32	42.73	60- 70	40.24	2983	98.8,98.8
80	10.97	2.943	0	0	1.818	9.694	16.94	17.36	70- 80	15.89	2999	99.4,99.4
90	0.2374	0	0	0	0.0057	0.1242	0.5790	0.6028	80- 90	3.095	3002	99.5,99.5
100	0.0169	0	0.0225	0.0171	0.0678	0.0342	0.0567	0.0906	90-100	0.1254	3002	99.5,99.5
110	0.0675	0.1020	0.1248	0.1308	0.1918	0.1475	0.1025	0.1026	100-110	0.0805	3002	99.5,99.5
120	0.3095	0.3395	0.3575	0.3581	0.4627	0.4198	0.3813	0.3876	110-120	0.2217	3002	99.5,99.5
130	1.143	1.087	1.067	1.069	1.315	1.345	1.383	1.402	120-130	0.6399	3003	99.5,99.5
140	3.502	3.283	3.150	3.155	3.697	3.909	4.045	4.097	130-140	1.714	3005	99.5,99.5
150	7.898	7.577	7.354	7.377	8.022	8.325	8.552	8.577	140-150	3.500	3008	99.7,99.7
160	12.61	12.37	12.16	12.16	12.49	12.67	12.80	12.83	150-160	4.721	3013	99.8,99.8
170	15.08	15.03	14.90	14.84	14.97	14.92	14.89	14.88	160-170	3.908	3017	100,100
180	15.94	15.87	15.80	15.75	15.98	15.90	15.82	15.75	170-180	1.462	3018	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2022-08-10

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:

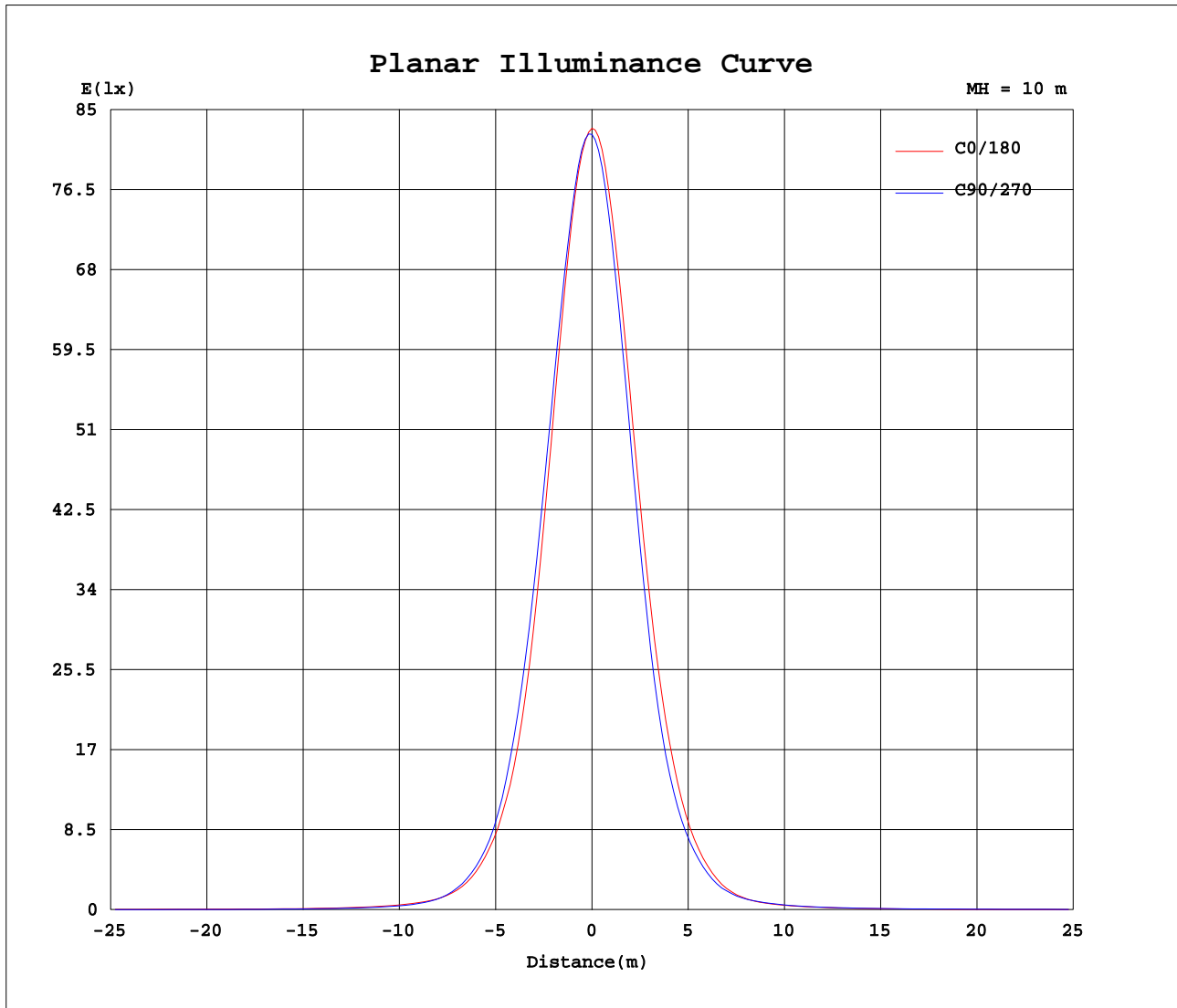
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2022-08-10

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



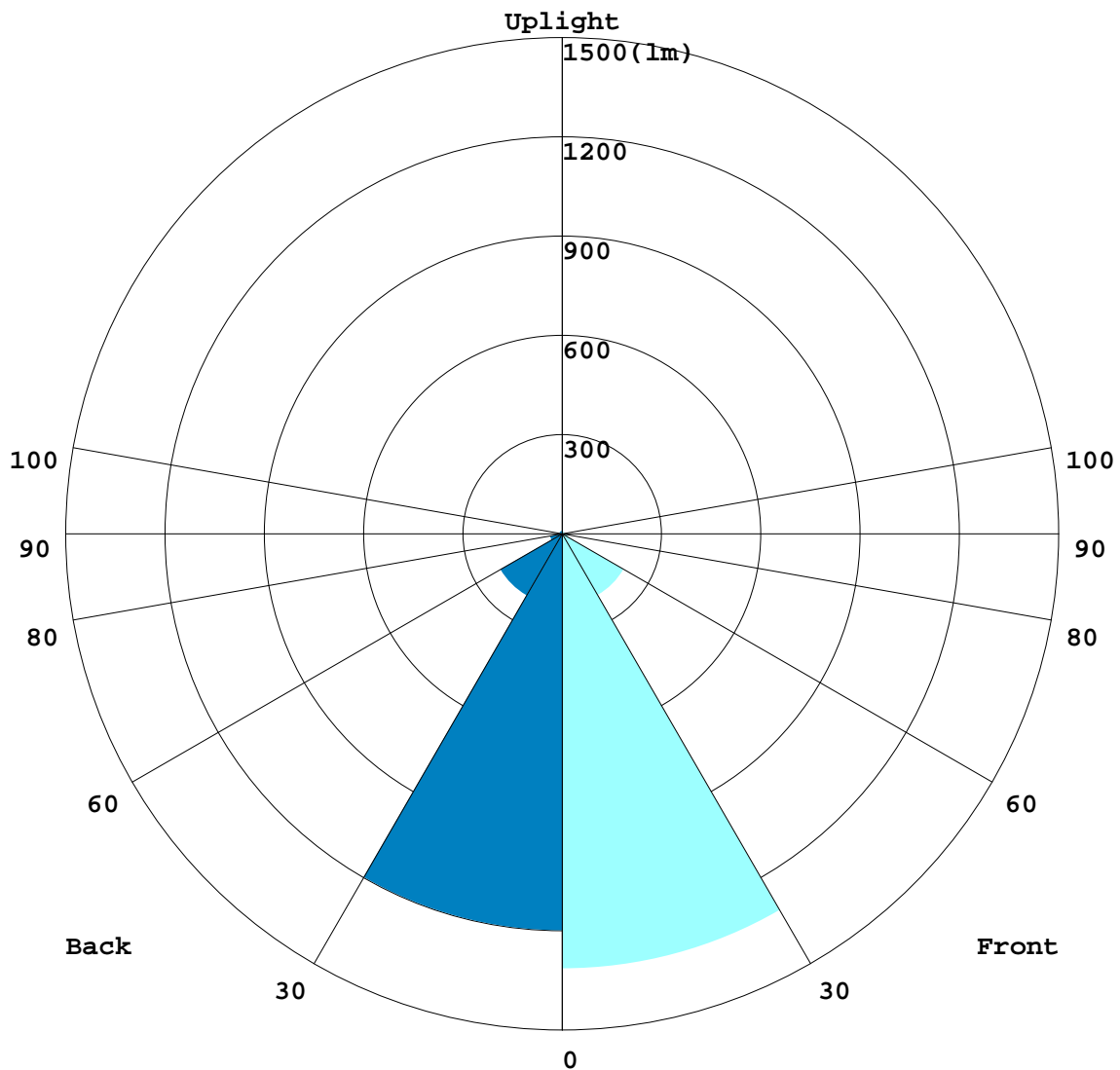
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2022-08-10

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:119.86V I:0.1974A P:23.428W PF:0.9903 Freq:59.98Hz Lamp Flux:3018.39x1 lm		
NAME: 25W 3K 子弹头	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:JZ
 Test Date:2022-08-10

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:119.86V I:0.1974A P:23.428W PF:0.9903 Freq:59.98Hz Lamp Flux:3018.39x1 lm		
NAME: 25W 3K 子弹头	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)	1314.2	43.5
FM - Front-Medium(30-60)	214.53	7.1
FH - Front-High(60-80)	19.088	0.6
FVH - Front-Very High(80-90)	0.43508	0.0
Total Forward Light	1556	51.6

BL - Back-Low(0-30)	1199.1	39.7
BM - Back-Medium(30-60)	215	7.1
BH - Back-High(60-80)	37.041	1.2
BVH - Back-Very High(80-90)	2.6603	0.1
Total Back Light	1462.4	48.4

UL - Uplight-Low(90-100)	0.12536	0.0
UH - Uplight-High(100-180)	16.248	0.5
Total Up Light	16.373	0.5

BUG(Back,Up,Glare) Rating	B3-U2-G0
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1453.8	8.5759	1462.4
Street Side	1548.2	7.797	1556

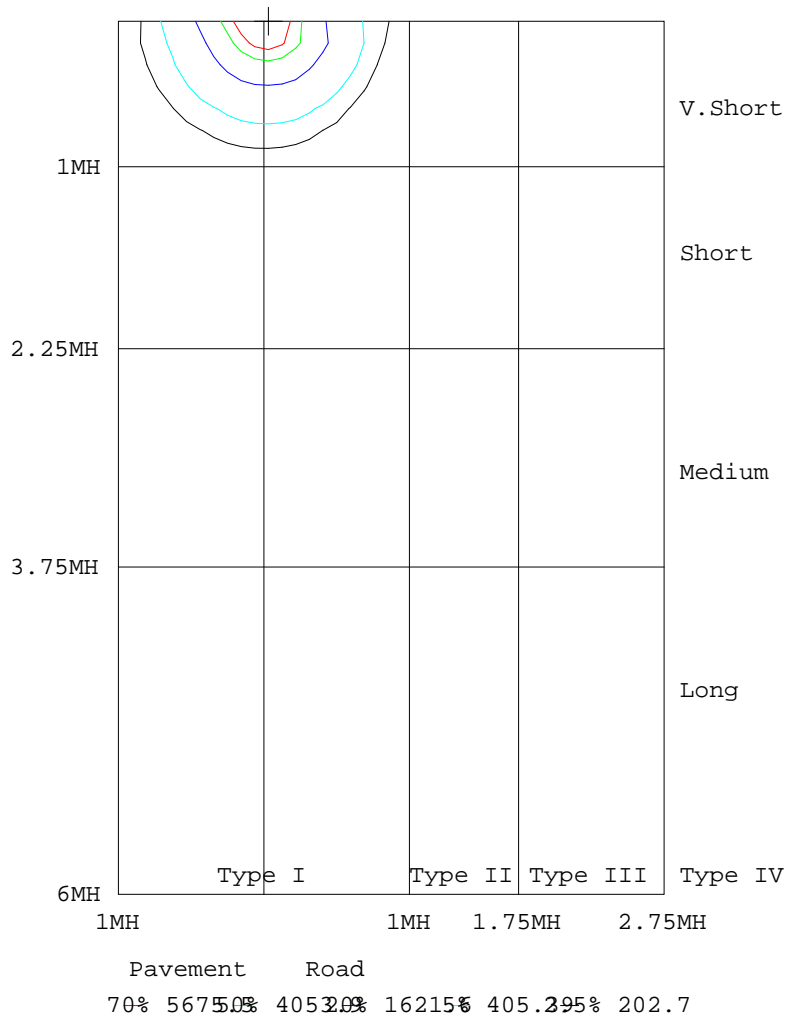
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2022-08-10

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:119.86V I:0.1974A P:23.428W PF:0.9903 Freq:59.98Hz Lamp Flux:3018.39x1 lm		
NAME: 25W 3K 子弹头	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:JZ
 Test Date:2022-08-10

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	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247	8247			
5	7626	7713	7736	7786	7771	7792	7748	7742	7677	7599	7563	7491	7482	7469	7527	7564			
10	6033	6212	6284	6368	6360	6405	6356	6336	6217	6073	5997	5863	5835	5787	5853	5899			
15	4078	4287	4411	4550	4561	4601	4536	4498	4360	4181	4074	3921	3889	3822	3899	3937			
20	2400	2564	2669	2831	2873	2937	2872	2840	2724	2553	2443	2302	2265	2219	2263	2299			
25	1356	1422	1500	1573	1593	1653	1635	1640	1558	1449	1367	1298	1274	1261	1279	1291			
30	735	781	813	834	841	851	857	856	837	776	731	707	701	696	705	710			
35	377	392	396	410	420	441	423	417	405	388	377	351	363	358	375	370			
40	216	214	200	198	202	206	209	211	207	210	211	209	213	213	218	217			
45	143	136	128	121	118	122	122	127	134	135	142	143	143	144	146	144			
50	100	94.4	88.7	83.6	78.9	79.0	79.1	86.0	93.4	96.3	101	103	102	103	103	102			
55	73.7	69.1	64.3	58.9	53.9	51.8	54.0	58.9	67.5	72.0	75.1	78.1	77.0	77.5	77.5	76.6			
60	59.1	53.6	47.9	39.8	34.5	32.6	33.8	40.5	50.4	56.9	61.1	65.3	64.4	64.8	64.5	63.0			
65	51.6	44.2	36.0	27.0	21.5	18.1	21.3	26.3	35.8	45.8	52.1	55.1	57.1	58.4	57.7	56.1			
70	35.2	29.7	20.7	14.4	8.15	5.49	7.14	12.8	19.6	26.9	34.2	38.9	42.3	42.7	42.7	40.4			
75	21.1	15.2	9.77	4.48	0.65	0.00	0.28	2.97	7.97	13.7	19.9	24.1	27.9	28.4	28.0	25.1			
80	11.0	6.50	2.94	0.36	0.00	0.00	0.00	0.06	1.82	5.13	9.69	13.9	16.9	17.9	17.4	14.7			
85	2.95	1.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.49	2.20	4.66	6.92	7.68	7.25	5.22			
90	0.24	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.12	0.44	0.58	0.72	0.60	0.50			
95	0.05	0.01	0.00	0.03	0.00	0.05	0.00	0.04	0.04	0.00	0.02	0.18	0.30	0.43	0.33	0.25			
100	0.02	0.04	0.00	0.07	0.02	0.09	0.02	0.07	0.07	0.00	0.03	0.05	0.06	0.17	0.09	0.07			
105	0.02	0.08	0.05	0.12	0.08	0.13	0.08	0.12	0.13	0.05	0.08	0.04	0.05	0.03	0.04	0.04			
110	0.07	0.15	0.10	0.18	0.12	0.19	0.13	0.18	0.19	0.11	0.15	0.06	0.10	0.05	0.10	0.07			
115	0.15	0.24	0.19	0.26	0.22	0.27	0.22	0.27	0.29	0.20	0.24	0.16	0.20	0.14	0.20	0.17			
120	0.31	0.37	0.34	0.40	0.36	0.41	0.36	0.40	0.46	0.38	0.42	0.35	0.38	0.34	0.39	0.36			
125	0.60	0.65	0.61	0.64	0.61	0.65	0.62	0.66	0.77	0.72	0.75	0.71	0.74	0.70	0.75	0.73			
130	1.14	1.14	1.09	1.10	1.07	1.09	1.07	1.11	1.32	1.31	1.35	1.36	1.38	1.39	1.40	1.41			
135	2.07	1.99	1.93	1.87	1.85	1.85	1.87	1.89	2.22	2.31	2.34	2.42	2.44	2.49	2.47	2.48			
140	3.50	3.37	3.28	3.17	3.15	3.11	3.16	3.19	3.70	3.84	3.91	4.03	4.05	4.13	4.10	4.07			
145	5.49	5.31	5.18	5.04	5.00	4.96	5.01	5.09	5.70	5.86	5.97	6.10	6.17	6.24	6.19	6.14			
150	7.90	7.70	7.58	7.41	7.35	7.30	7.38	7.45	8.02	8.21	8.33	8.49	8.55	8.64	8.58	8.53			
155	10.4	10.2	10.1	9.95	9.86	9.82	9.89	9.96	10.4	10.6	10.7	10.8	10.9	11.0	10.9	10.9			
160	12.6	12.5	12.4	12.2	12.2	12.1	12.2	12.2	12.5	12.6	12.7	12.8	12.8	12.9	12.8	12.8			
165	14.2	14.1	14.0	13.9	13.9	13.8	13.8	13.9	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1			
170	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.8	15.0	14.9	14.9	14.9	14.9	14.9	14.9	14.8			
175	15.6	15.7	15.6	15.6	15.5	15.5	15.4	15.4	15.6	15.5	15.5	15.5	15.5	15.5	15.4	15.4			
180	15.9	15.9	15.9	15.9	15.8	15.8	15.7	15.7	16.0	15.9	15.9	15.8	15.8	15.8	15.7	15.7			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2022-08-10

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: