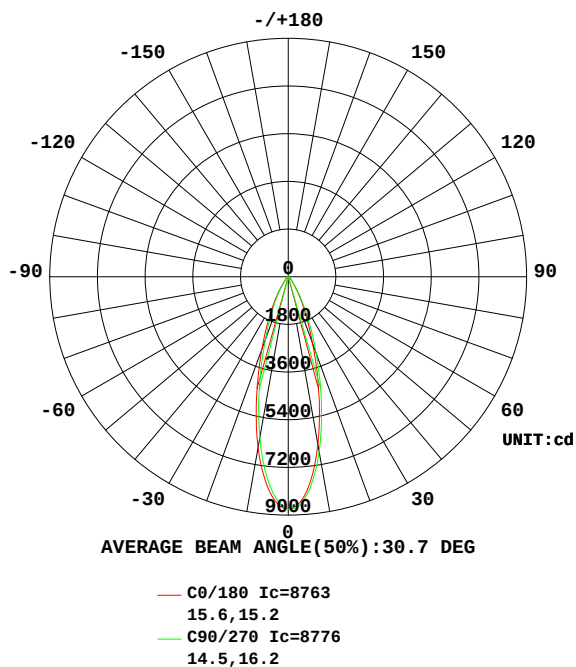
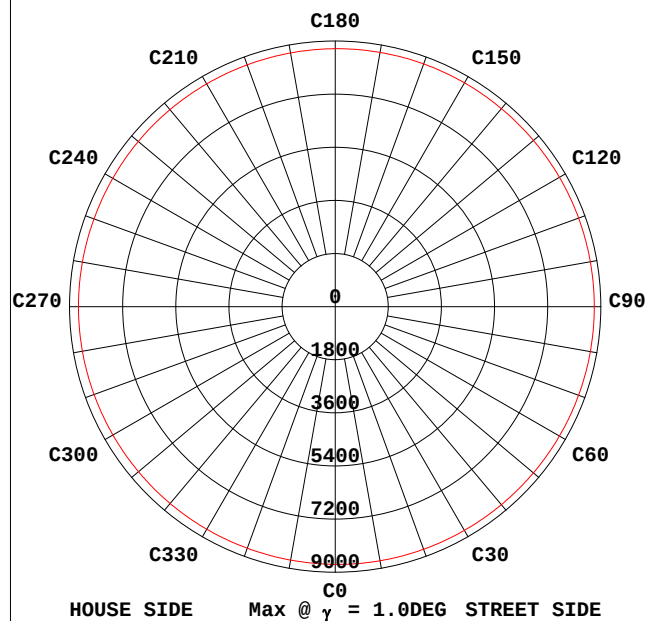


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.85V I:0.2011A P:23.866W PF:0.9904 Freq:59.98Hz Lamp Flux:3299.63x1 lm		
NAME: 25W 5K 子弹头	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

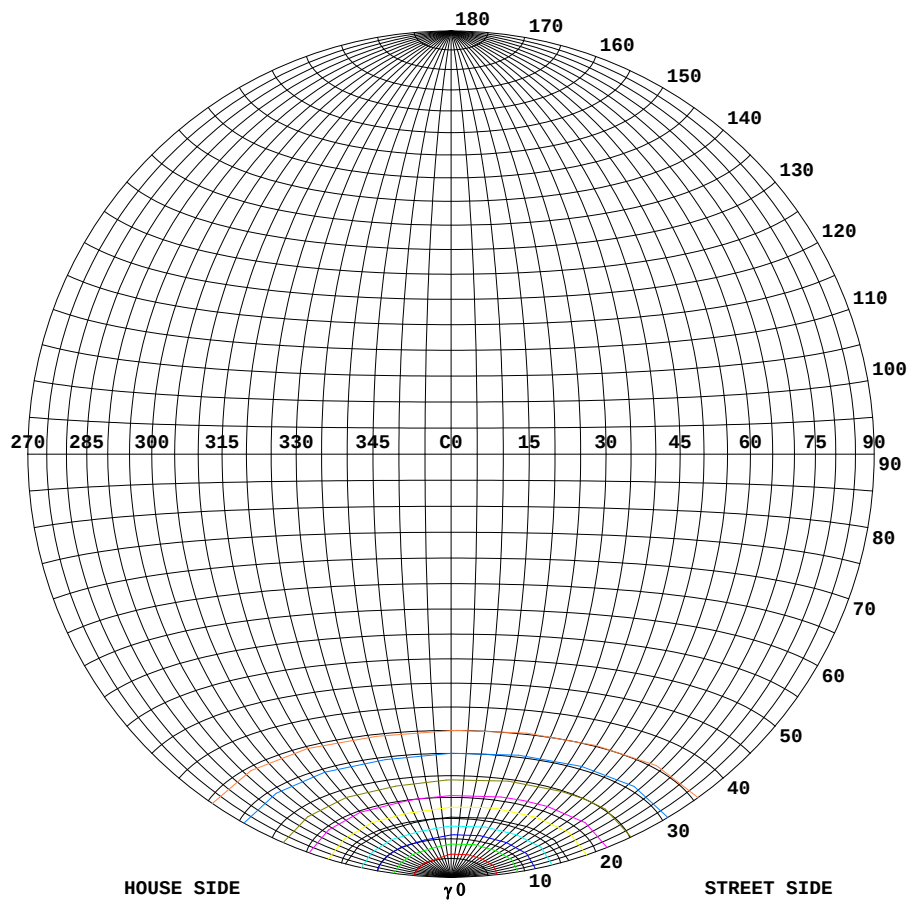
DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.26 lm/W			
MODEL		I _{max} (cd)	8776	η street_up(%)	0.3
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	51.2
RATED VOLTAGE(V)		TOTAL FLUX(lm)	3300	η house_up(%)	0.3
NOMINAL FLUX(lm)	3299.63	MAXIMUM @(C,γ)	90,1.0	η house_down(%)	48.3
LAMPS INSIDE	1	η up(%)	0.5	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	99.5	SLI	16.917

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: JZ
Test Date: 2022-08-10

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:

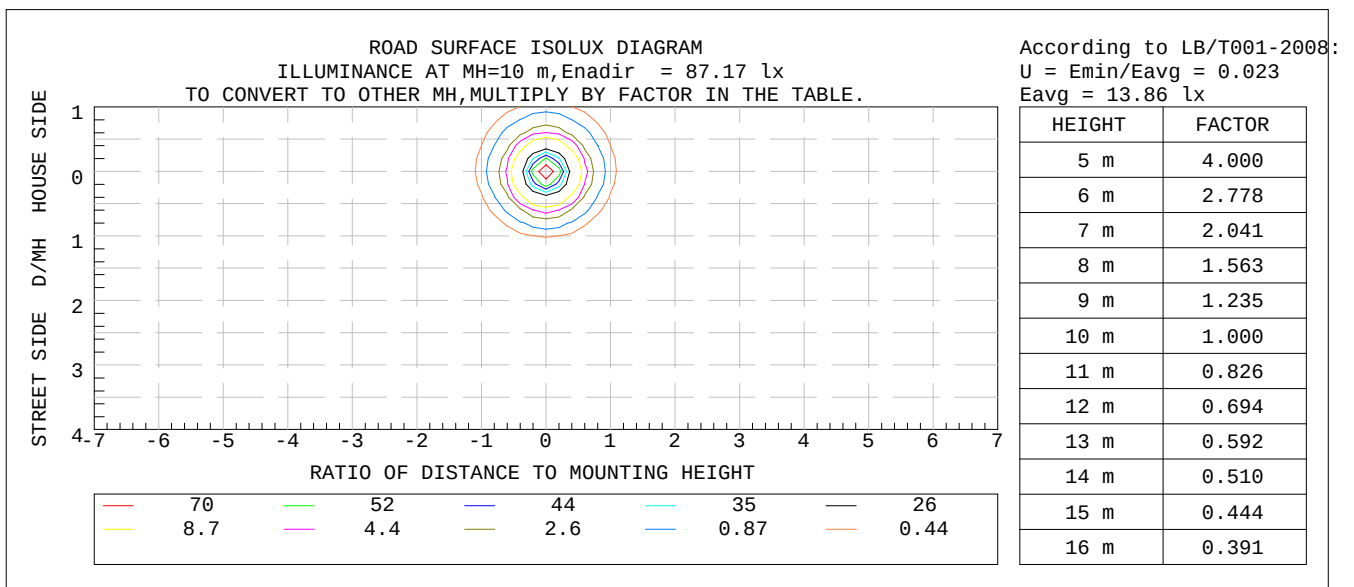
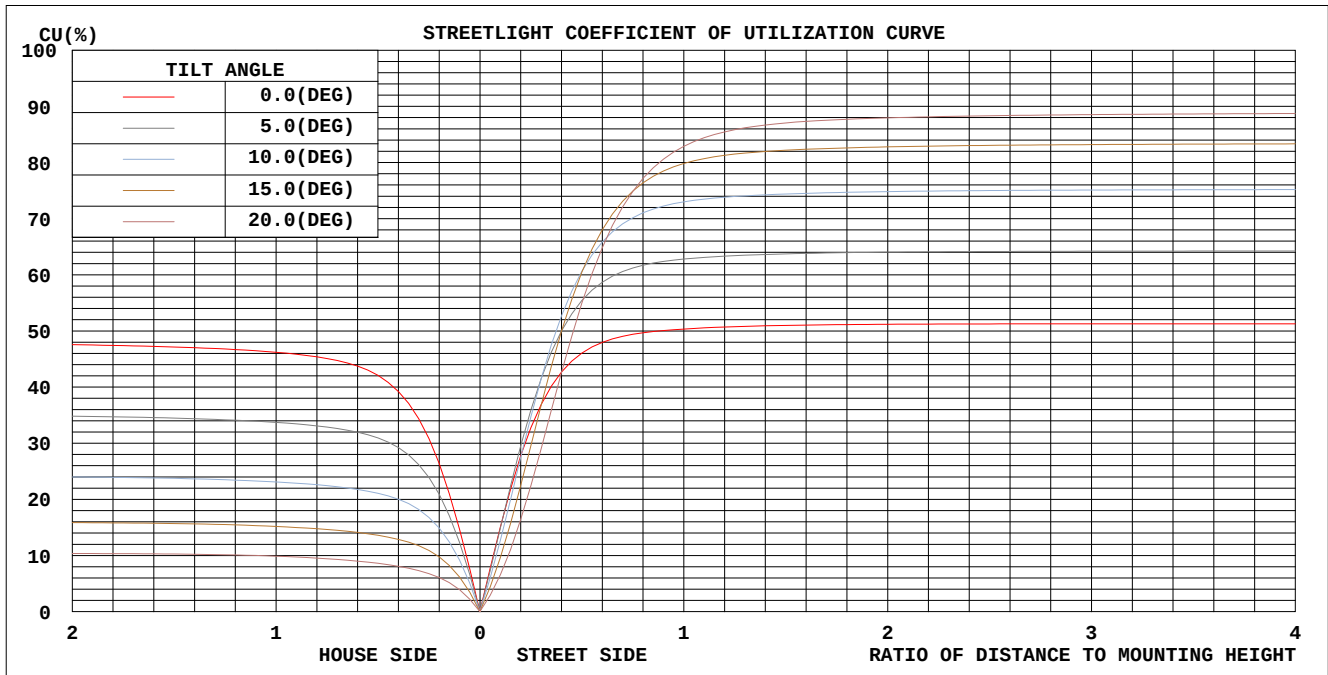
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:6.154cd/klm
Max.At90:0.2425cd/klm
Max.80-90:6.154cd/klm
NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8776
90%	7898
80%	7021
70%	6143
60%	5265
50%	4388
40%	3510
30%	2633
20%	1755
10%	878
5%	439

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 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: JZ
Test Date: 2022-08-10

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:

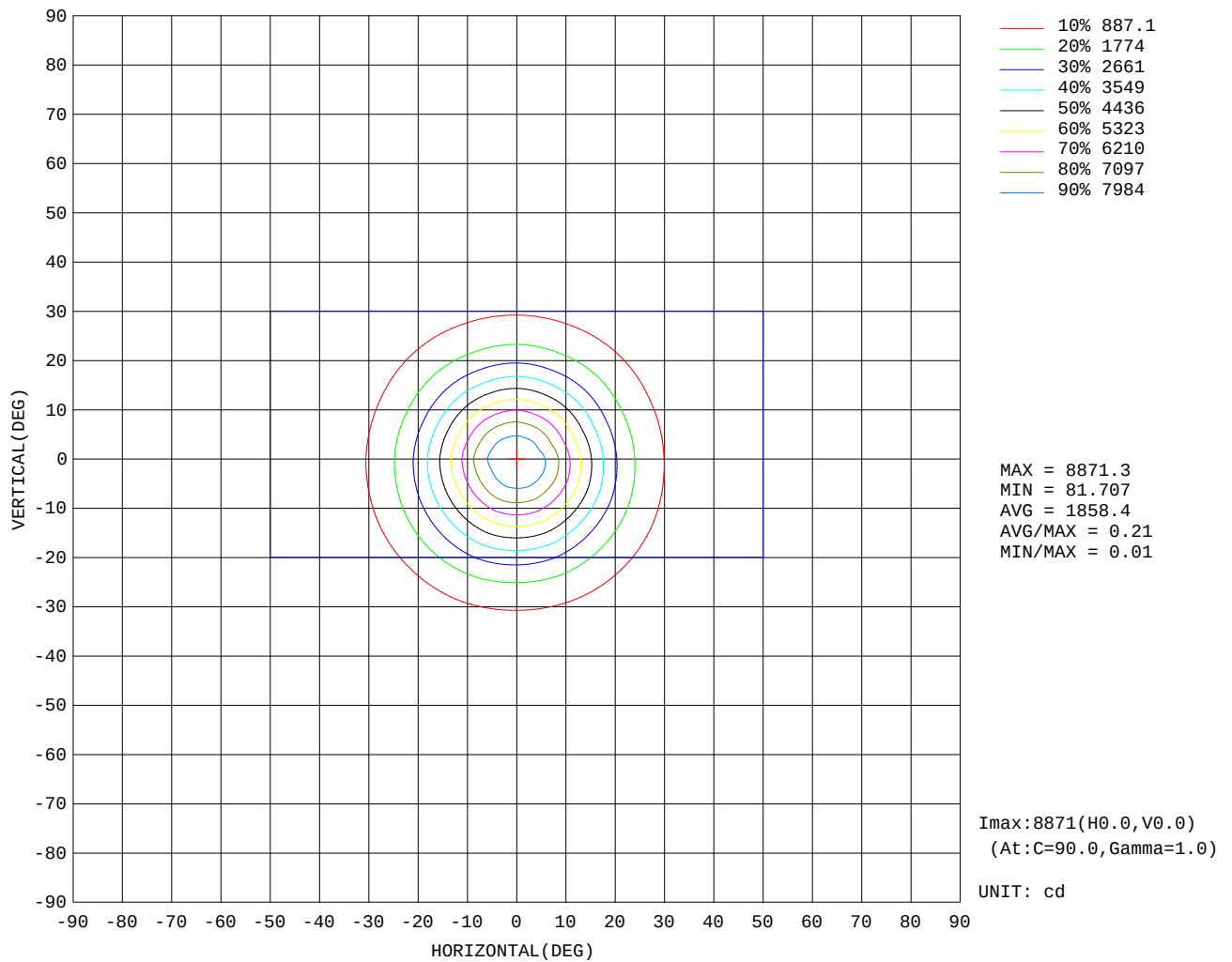
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	6447	6656	6719	6693	6556	6309	6181	6225	0- 10	720.3	720.3	21.8, 21.8
20	2716	2958	3104	3083	2915	2645	2521	2553	10- 20	1237	1957	59.3, 59.3
30	865.7	948.0	970.5	966.2	946.7	841.6	800.9	806.6	20- 30	764.8	2722	82.5, 82.5
40	244.5	226.0	218.1	241.0	240.4	242.1	247.3	250.3	30- 40	297.7	3020	91.5, 91.5
50	111.4	94.92	87.95	95.82	110.6	118.8	117.6	119.2	40- 50	122.5	3142	95.2, 95.2
60	67.87	48.51	38.58	43.40	62.31	74.65	73.68	74.75	50- 60	71.44	3214	97.4, 97.4
70	35.47	19.26	7.082	11.11	27.38	42.38	48.28	47.35	60- 70	46.32	3260	98.8, 98.8
80	9.461	1.400	0	0.0004	4.391	14.46	20.30	18.46	70- 80	18.15	3278	99.3, 99.3
90	0.1350	0	0	0	0.0280	0.3216	0.7445	0.6221	80- 90	3.564	3282	99.5, 99.5
100	0.0112	0.0282	0.0453	0.0342	0.0953	0.0510	0.1359	0.0855	90-100	0.1530	3282	99.5, 99.5
110	0.1064	0.1581	0.1761	0.1768	0.2133	0.1585	0.1253	0.1429	100-110	0.1079	3282	99.5, 99.5
120	0.3918	0.4123	0.4207	0.4280	0.5218	0.4699	0.4500	0.4748	110-120	0.2711	3282	99.5, 99.5
130	1.321	1.265	1.239	1.244	1.510	1.535	1.567	1.602	120-130	0.7458	3283	99.5, 99.5
140	3.858	3.637	3.523	3.561	4.147	4.342	4.460	4.473	130-140	1.928	3285	99.6, 99.6
150	8.537	8.205	8.005	8.073	8.801	9.071	9.268	9.244	140-150	3.832	3289	99.7, 99.7
160	13.53	13.29	13.10	13.13	13.52	13.66	13.78	13.76	150-160	5.102	3294	99.8, 99.8
170	16.29	16.17	16.04	15.97	16.20	16.14	16.10	16.08	160-170	4.208	3298	100, 100
180	17.24	17.16	17.08	17.02	17.32	17.21	17.11	17.05	170-180	1.580	3300	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 G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

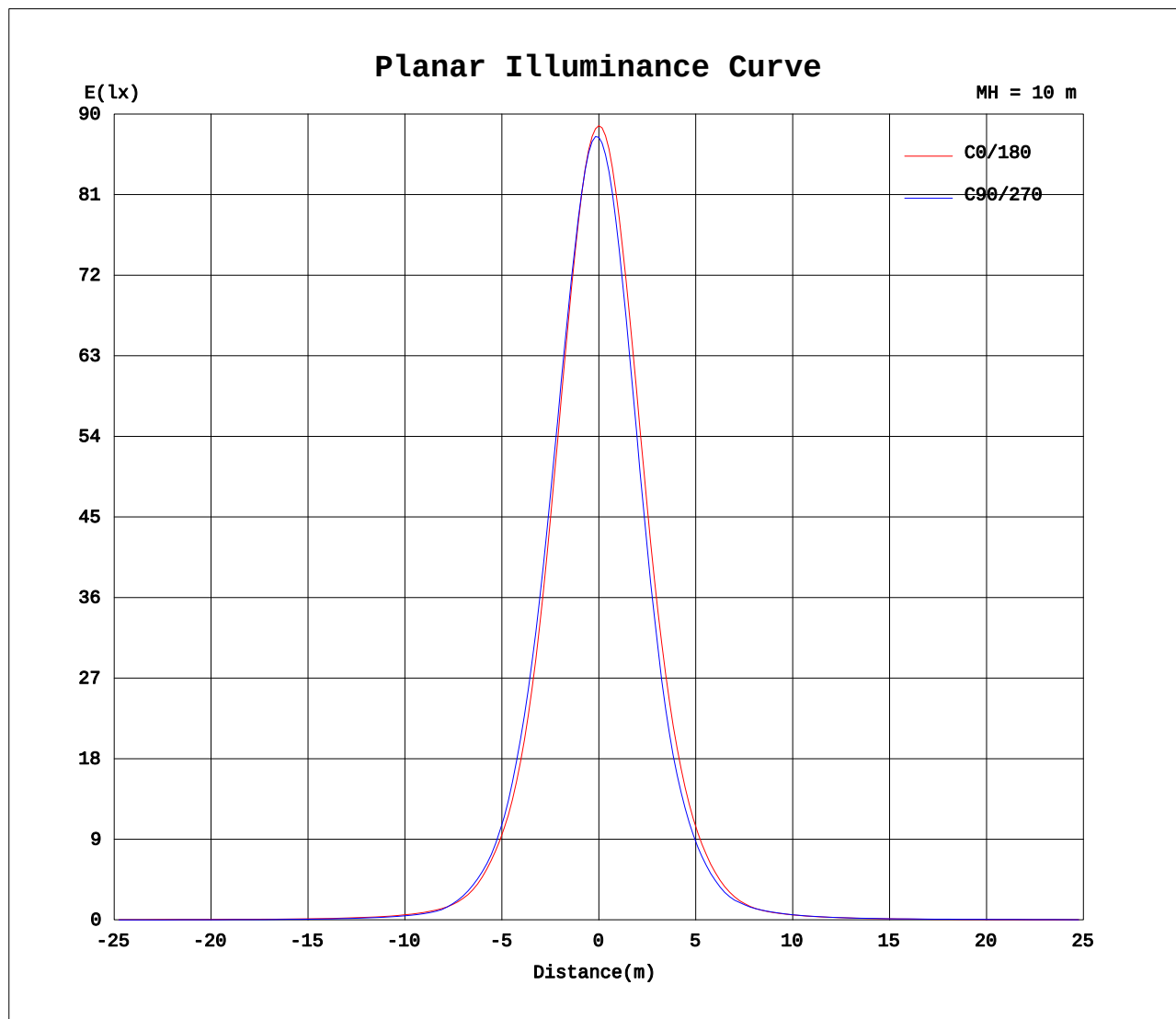
ISOCANDELA DIAGRAM



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

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



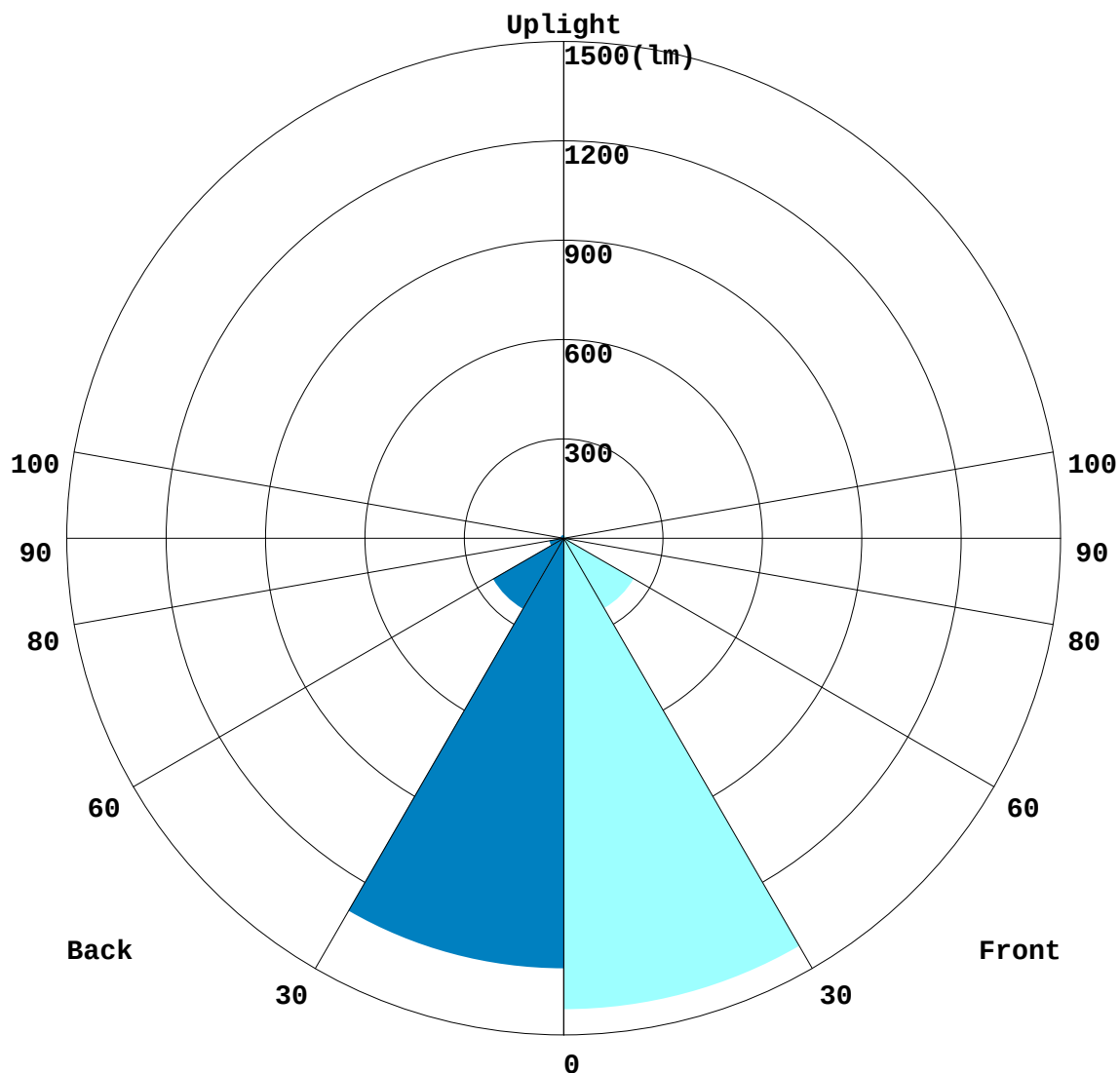
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JZ
Test Date: 2022-08-10

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:119.85V I:0.2011A P:23.866W PF:0.9904 Freq:59.98Hz Lamp Flux:3299.63x1 lm		
NAME: 25W 5K 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 G0-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.85V I:0.2011A P:23.866W PF:0.9904 Freq:59.98Hz Lamp Flux:3299.63x1 lm		
NAME: 25W 5K 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)	1422.9	43.1
FM - Front-Medium(30-60)	245.13	7.4
FH - Front-High(60-80)	20.54	0.6
FVH - Front-Very High(80-90)	0.31842	0.0
Total Forward Light	1697.4	51.4

BL - Back-Low(0-30)	1299.2	39.4
BM - Back-Medium(30-60)	246.46	7.5
BH - Back-High(60-80)	43.936	1.3
BVH - Back-Very High(80-90)	3.2453	0.1
Total Back Light	1602.2	48.6

UL - Uplight-Low(90-100)	0.15298	0.0
UH - Uplight-High(100-180)	17.775	0.5
Total Up Light	17.928	0.5

BUG(Back,Up,Glare) Rating	B3-U2-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1592.8	9.382	1602.2
Street Side	1688.9	8.546	1697.4

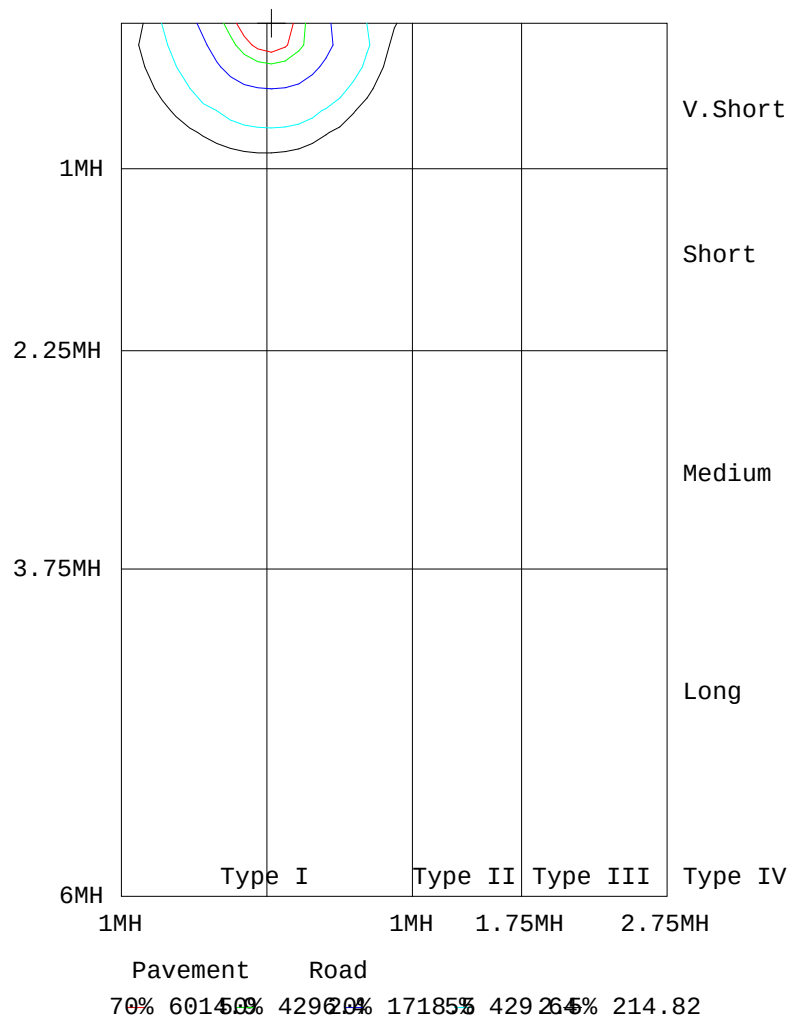
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JZ
Test Date:2022-08-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.85V I:0.2011A P:23.866W PF:0.9904 Freq:59.98Hz Lamp Flux:3299.63x1 lm		
NAME: 25W 5K 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 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	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763	8763			
5	8110	8197	8214	8266	8244	8264	8212	8197	8132	8029	7984	7920	7927	7922	7991	8023			
10	6447	6616	6656	6738	6719	6762	6693	6668	6556	6388	6309	6194	6181	6144	6225	6296			
15	4455	4653	4729	4840	4835	4880	4791	4742	4613	4428	4330	4196	4185	4150	4228	4293			
20	2716	2879	2958	3084	3104	3161	3083	3034	2915	2736	2645	2527	2521	2488	2553	2595			
25	1554	1659	1709	1797	1795	1850	1827	1802	1715	1594	1532	1475	1464	1450	1467	1505			
30	866	922	948	972	971	996	966	982	947	878	842	809	801	792	807	822			
35	432	450	449	476	491	497	485	477	466	431	410	396	405	409	417	417			
40	245	234	226	227	218	234	241	242	240	242	242	241	247	247	250	246			
45	161	150	143	134	133	136	139	153	157	162	165	164	166	166	168	165			
50	111	105	94.9	90.7	88.0	90.4	95.8	105	111	113	119	117	118	118	119	117			
55	82.9	77.5	68.8	63.8	59.5	61.1	66.2	73.7	80.7	85.6	89.9	87.7	87.6	88.2	89.4	87.8			
60	67.9	58.4	48.5	42.3	38.6	39.1	43.4	55.3	62.3	69.7	74.7	74.3	73.7	74.3	74.7	71.6			
65	54.1	44.7	35.2	27.2	22.3	21.8	27.4	35.6	46.5	55.7	64.2	65.6	67.7	67.6	65.4	61.3			
70	35.5	28.4	19.3	12.4	7.08	6.84	11.1	19.4	27.4	35.9	42.4	47.1	48.3	48.8	47.4	43.4			
75	19.9	13.8	7.65	2.50	0.14	0.05	1.53	6.26	13.1	19.6	25.8	29.8	32.5	32.1	30.5	26.5			
80	9.46	5.52	1.40	0.00	0.00	0.00	0.00	0.81	4.39	8.94	14.5	17.4	20.3	19.9	18.5	14.5			
85	2.11	0.42	0.00	0.00	0.00	0.00	0.00	0.01	0.12	1.56	4.37	6.91	8.79	8.62	7.15	4.55			
90	0.14	0.00	0.00	0.02	0.00	0.03	0.00	0.02	0.03	0.08	0.32	0.63	0.74	0.80	0.62	0.44			
95	0.01	0.02	0.00	0.05	0.00	0.06	0.01	0.05	0.05	0.02	0.08	0.34	0.41	0.48	0.32	0.18			
100	0.01	0.07	0.03	0.09	0.05	0.11	0.03	0.10	0.10	0.02	0.05	0.11	0.14	0.20	0.09	0.07			
105	0.05	0.13	0.10	0.15	0.11	0.15	0.10	0.14	0.14	0.06	0.09	0.06	0.06	0.05	0.07	0.06			
110	0.11	0.20	0.16	0.22	0.18	0.23	0.18	0.22	0.21	0.13	0.16	0.08	0.13	0.08	0.14	0.11			
115	0.21	0.29	0.25	0.31	0.27	0.33	0.27	0.32	0.33	0.25	0.27	0.19	0.23	0.19	0.25	0.22			
120	0.39	0.45	0.41	0.47	0.42	0.48	0.43	0.48	0.52	0.45	0.47	0.41	0.45	0.42	0.47	0.45			
125	0.72	0.76	0.71	0.76	0.72	0.76	0.72	0.76	0.88	0.83	0.86	0.83	0.85	0.84	0.88	0.86			
130	1.32	1.31	1.26	1.26	1.24	1.26	1.24	1.27	1.51	1.51	1.53	1.55	1.57	1.58	1.60	1.60			
135	2.32	2.23	2.18	2.12	2.12	2.11	2.15	2.17	2.54	2.62	2.65	2.72	2.72	2.78	2.75	2.75			
140	3.86	3.71	3.64	3.54	3.52	3.50	3.56	3.61	4.15	4.28	4.34	4.45	4.46	4.52	4.47	4.46			
145	5.96	5.80	5.66	5.54	5.50	5.48	5.55	5.65	6.31	6.44	6.55	6.68	6.72	6.78	6.71	6.66			
150	8.54	8.33	8.21	8.03	8.00	7.96	8.07	8.15	8.80	8.96	9.07	9.23	9.27	9.33	9.24	9.18			
155	11.2	11.0	10.9	10.7	10.7	10.6	10.7	10.8	11.3	11.5	11.6	11.7	11.7	11.8	11.7	11.7			
160	13.5	13.4	13.3	13.2	13.1	13.1	13.1	13.2	13.5	13.6	13.7	13.7	13.8	13.8	13.8	13.7			
165	15.2	15.2	15.1	15.0	14.9	14.9	14.9	14.9	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.1			
170	16.3	16.3	16.2	16.1	16.0	16.0	16.0	16.0	16.2	16.1	16.1	16.1	16.1	16.1	16.1	16.0			
175	16.9	16.9	16.8	16.8	16.7	16.7	16.6	16.6	16.9	16.8	16.8	16.7	16.8	16.7	16.7	16.7			
180	17.2	17.3	17.2	17.2	17.1	17.1	17.0	17.0	17.3	17.2	17.2	17.1	17.1	17.0	17.0	17.0			

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 G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.450m [K=1.0000]
Remarks: