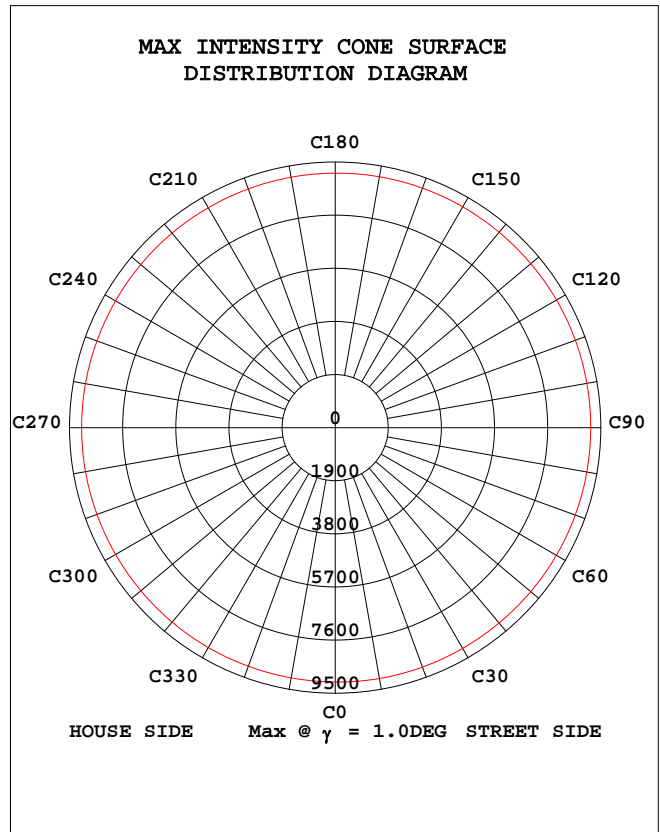
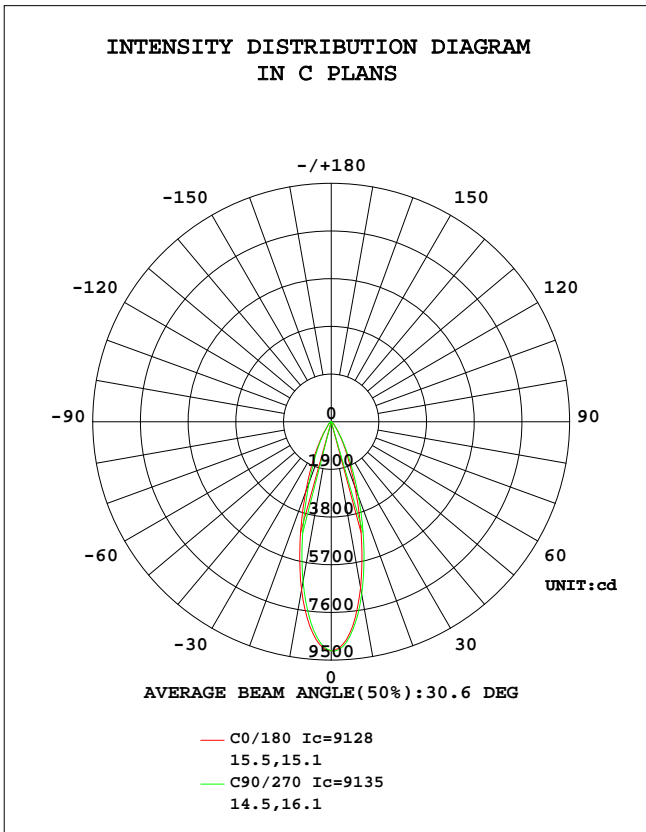


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:119.86V I:0.1915A P:22.726W PF:0.9900 Freq:59.98Hz Lamp Flux:3386.49x1 lm		
NAME: 25W 4K 子弹头	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.595*0.595	Shielding Angle:

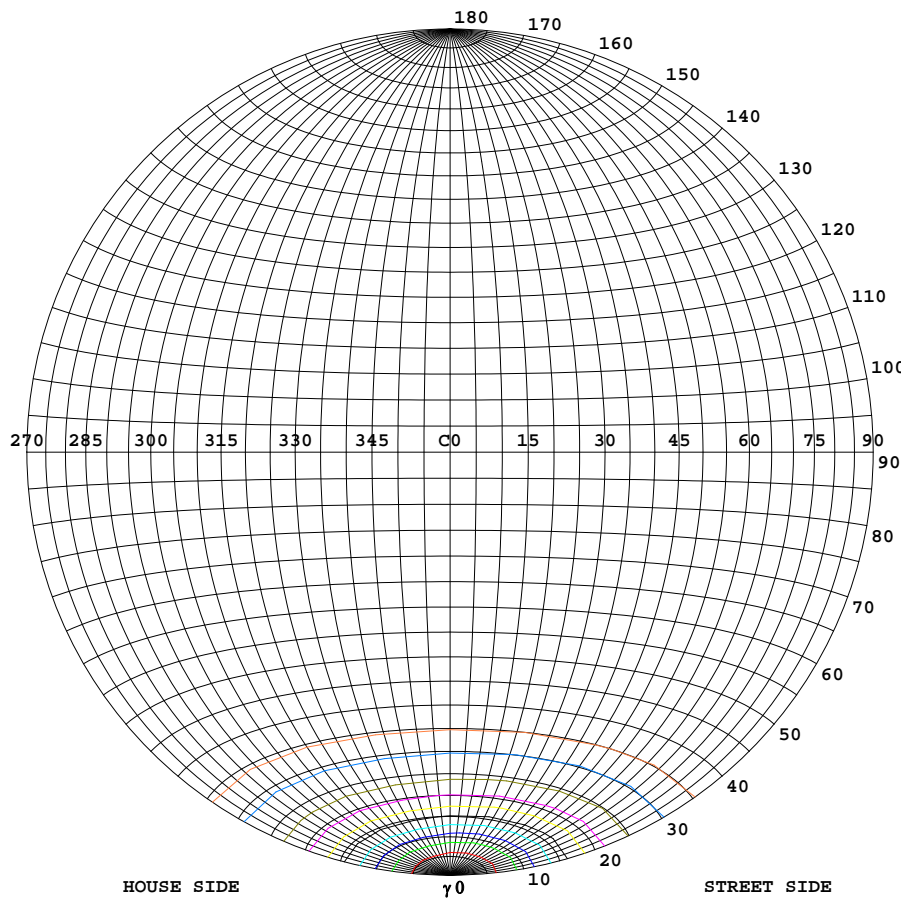
DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.01 lm/W			
MODEL		I <sub>max</sub> (cd)	9140	η street_up(%)	0.3
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	51.1
RATED VOLTAGE(V)		TOTAL FLUX(lm)	3386	η house_up(%)	0.3
NOMINAL FLUX(lm)	3386.49	MAXIMUM @(C,γ )	113,1.0	η house_down(%)	48.4
LAMPS INSIDE	1	η up(%)	0.5	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	99.5	SLI	17.098



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:**

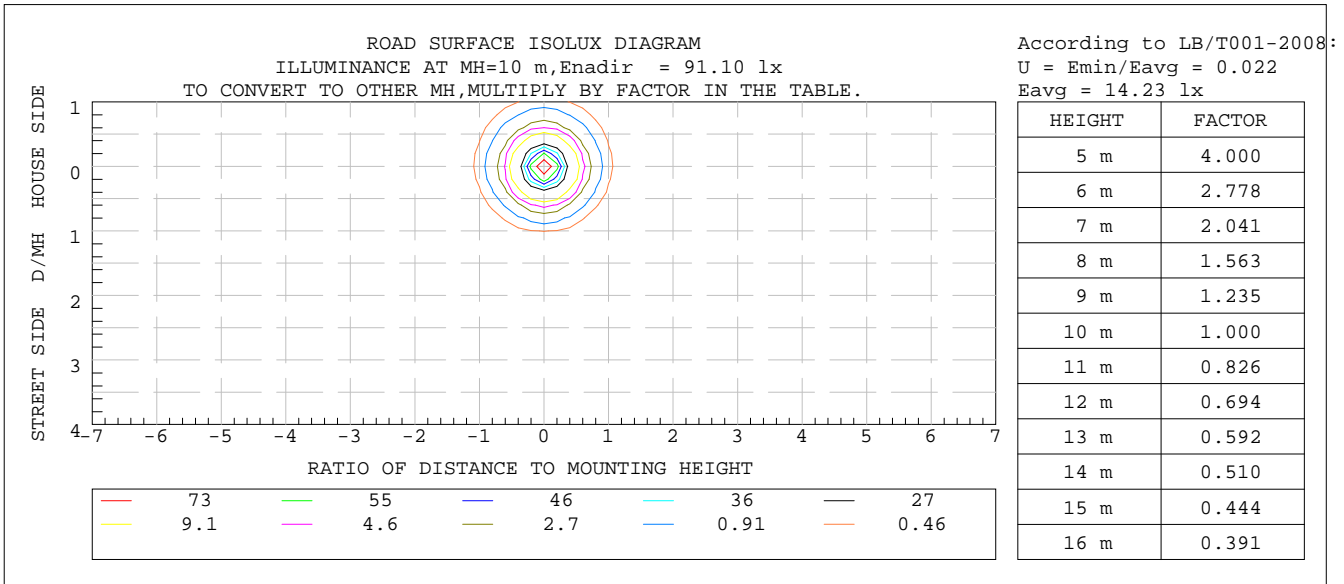
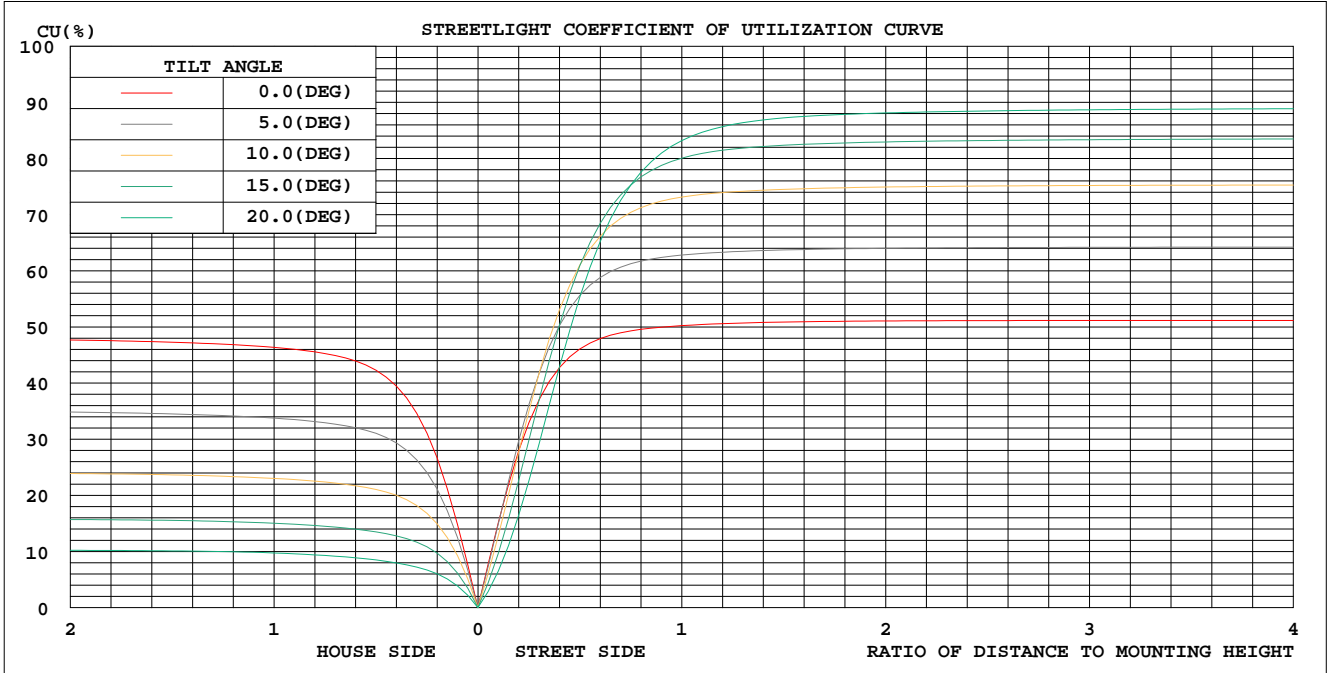
IES:Type V - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Full cut-off  
 Max.At80:6.134cd/klm  
 Max.At90:0.2428cd/klm  
 Max.80-90:6.134cd/klm  
 NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9140
90%	8226
80%	7312
70%	6398
60%	5484
50%	4570
40%	3656
30%	2742
20%	1828
10%	914
5%	457

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
Humidity: 65.0%  
Test Distance: 8.450m [K=1.0000]  
Remarks:

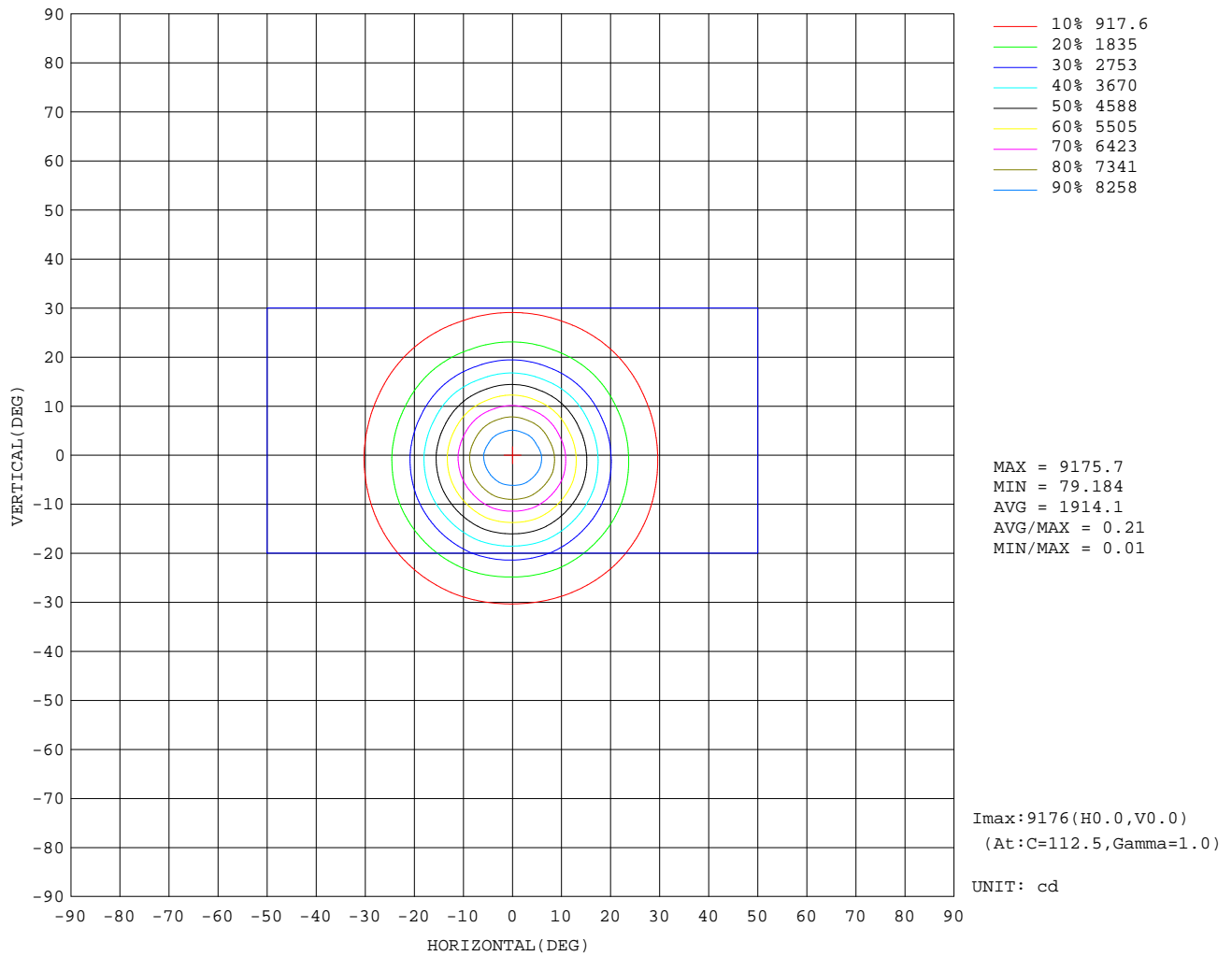
ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	6730	6943	6984	6963	6820	6605	6480	6522	0- 10	751.4	751.4	22.2, 22.2
20	2766	3022	3181	3163	2995	2726	2584	2610	10- 20	1282	2034	60, 60
30	864.8	946.0	958.3	961.9	943.4	842.2	815.2	820.4	20- 30	773.2	2807	82.9, 82.9
40	248.6	225.9	223.2	234.6	238.8	243.0	247.8	253.9	30- 40	298.5	3105	91.7, 91.7
50	114.1	99.37	89.61	93.19	107.8	118.0	118.4	119.6	40- 50	123.0	3228	95.3, 95.3
60	68.03	52.10	39.06	41.30	60.35	72.68	74.09	73.82	50- 60	71.46	3300	97.4, 97.4
70	38.47	21.75	7.936	8.977	24.21	41.11	49.29	49.35	60- 70	46.35	3346	98.8, 98.8
80	11.34	2.193	0	0	3.025	13.18	20.15	19.67	70- 80	18.31	3364	99.3, 99.3
90	0.2207	0	0	0	0.0227	0.2488	0.7375	0.6933	80- 90	3.650	3368	99.5, 99.5
100	0.0226	0.0283	0.0566	0.0511	0.0961	0.0624	0.1132	0.1020	90-100	0.1603	3368	99.5, 99.5
110	0.1126	0.1586	0.1816	0.1761	0.2315	0.1646	0.1307	0.1311	100-110	0.1104	3368	99.5, 99.5
120	0.3778	0.4133	0.4426	0.4432	0.5312	0.4824	0.4493	0.4670	110-120	0.2745	3369	99.5, 99.5
130	1.330	1.279	1.271	1.278	1.515	1.544	1.564	1.595	120-130	0.7518	3369	99.5, 99.5
140	3.930	3.725	3.619	3.659	4.245	4.426	4.543	4.556	130-140	1.960	3371	99.6, 99.6
150	8.778	8.468	8.281	8.345	9.062	9.336	9.520	9.506	140-150	3.936	3375	99.7, 99.7
160	13.98	13.75	13.58	13.60	13.97	14.12	14.23	14.23	150-160	5.271	3381	99.8, 99.8
170	16.82	16.74	16.61	16.55	16.68	16.64	16.60	16.60	160-170	4.354	3385	100, 100
180	17.81	17.72	17.64	17.58	17.86	17.75	17.65	17.59	170-180	1.631	3386	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

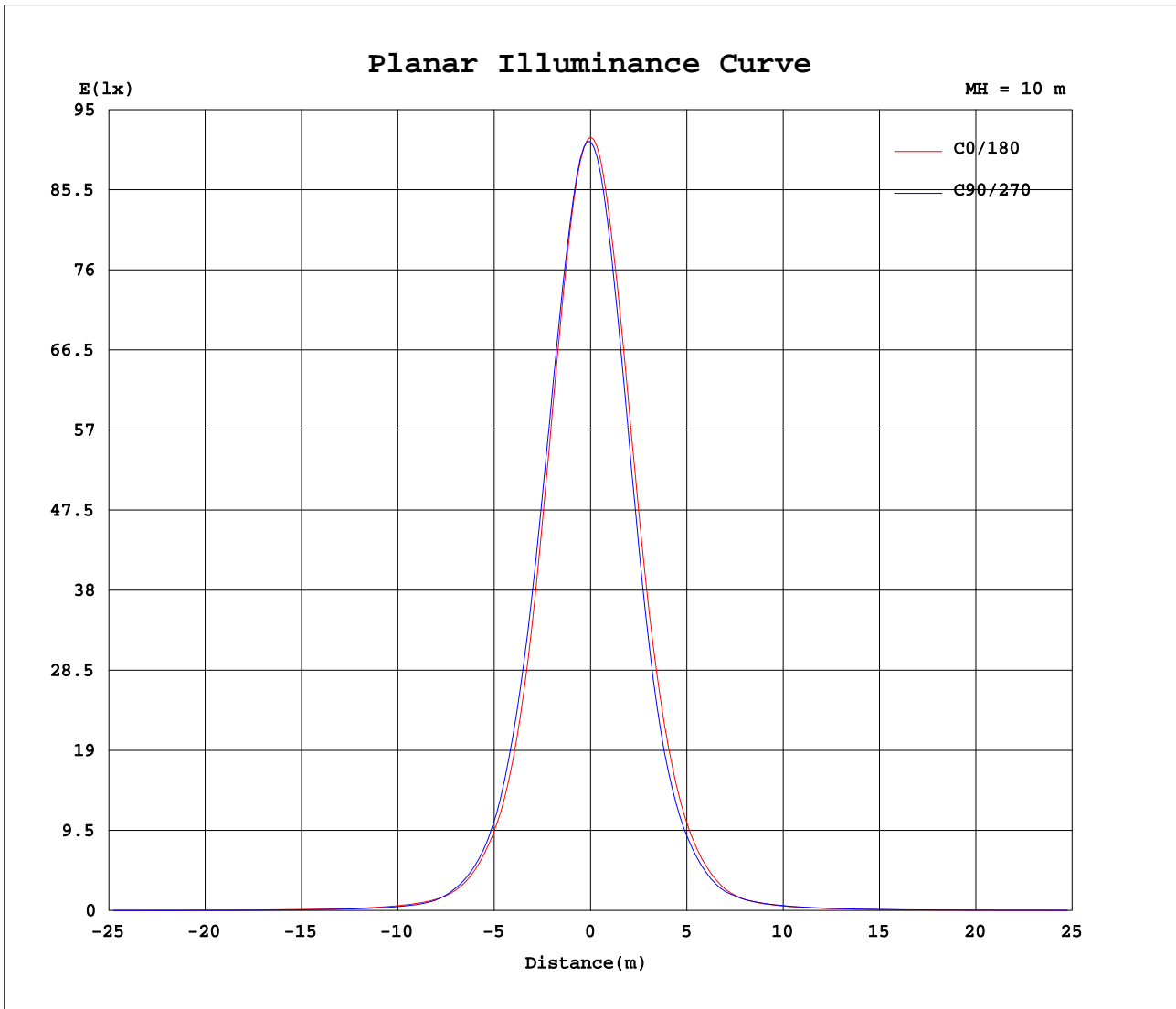
**ISOCANDELA DIAGRAM**



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



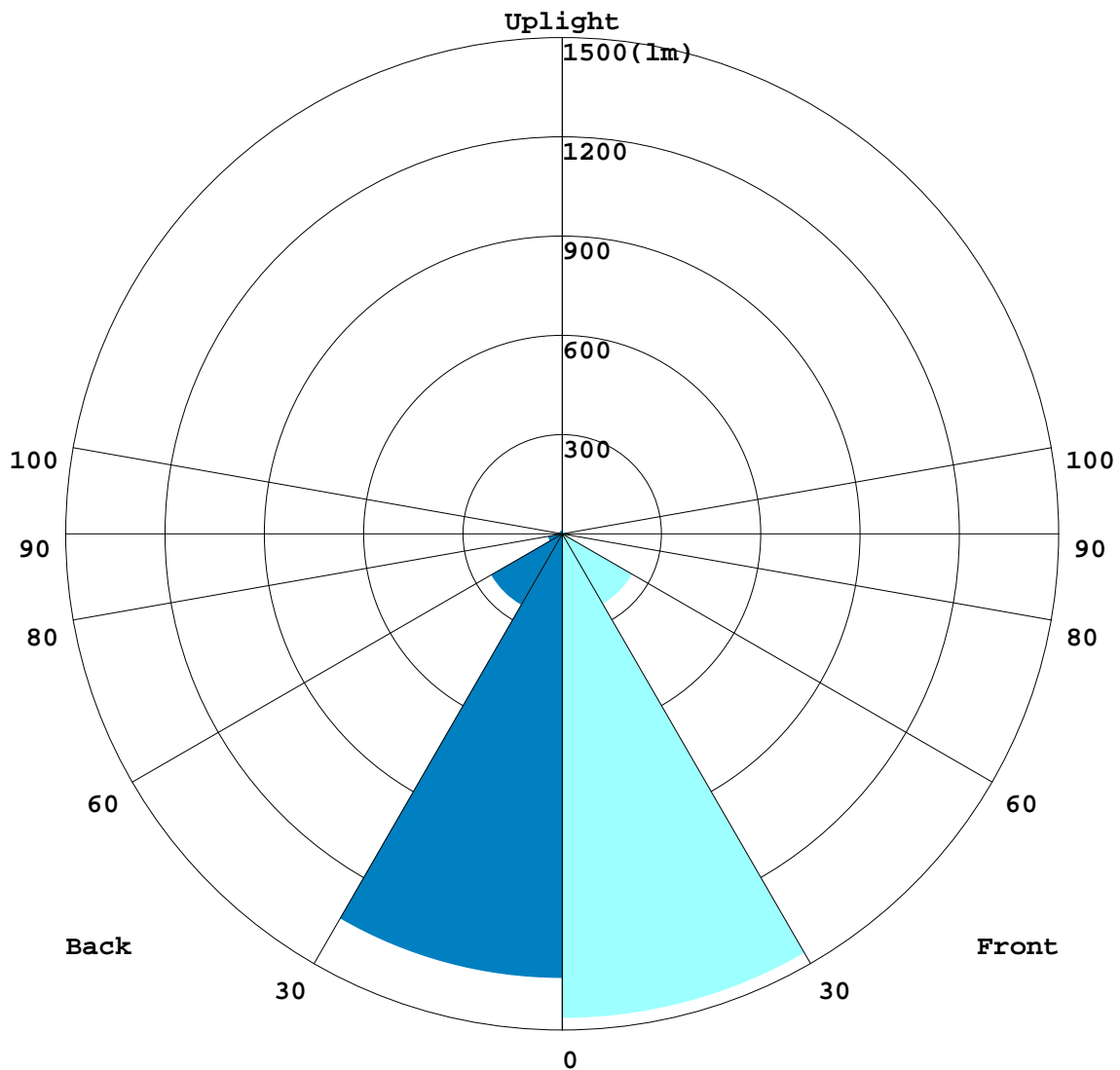
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JZ  
 Test Date: 2022-08-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1915A P:22.726W PF:0.9900 Freq:59.98Hz Lamp Flux:3386.49x1 lm		
NAME: 25W 4K 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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1915A P:22.726W PF:0.9900 Freq:59.98Hz Lamp Flux:3386.49x1 lm		
NAME: 25W 4K 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)	1463.7	43.2
FM - Front-Medium(30-60)	244.81	7.2
FH - Front-High(60-80)	21.107	0.6
FVH - Front-Very High(80-90)	0.40928	0.0
<b>Total Forward Light</b>	<b>1738.9</b>	<b>51.3</b>

BL - Back-Low(0-30)	1343	39.7
BM - Back-Medium(30-60)	248.19	7.3
BH - Back-High(60-80)	43.547	1.3
BVH - Back-Very High(80-90)	3.2406	0.1
<b>Total Back Light</b>	<b>1647.6</b>	<b>48.7</b>

UL - Uplight-Low(90-100)	0.16029	0.0
UH - Uplight-High(100-180)	18.288	0.5
<b>Total Up Light</b>	<b>18.448</b>	<b>0.5</b>

BUG(Back,Up,Glare) Rating	B3-U2-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1638	9.6422	1647.6
Street Side	1730.1	8.8061	1738.9

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

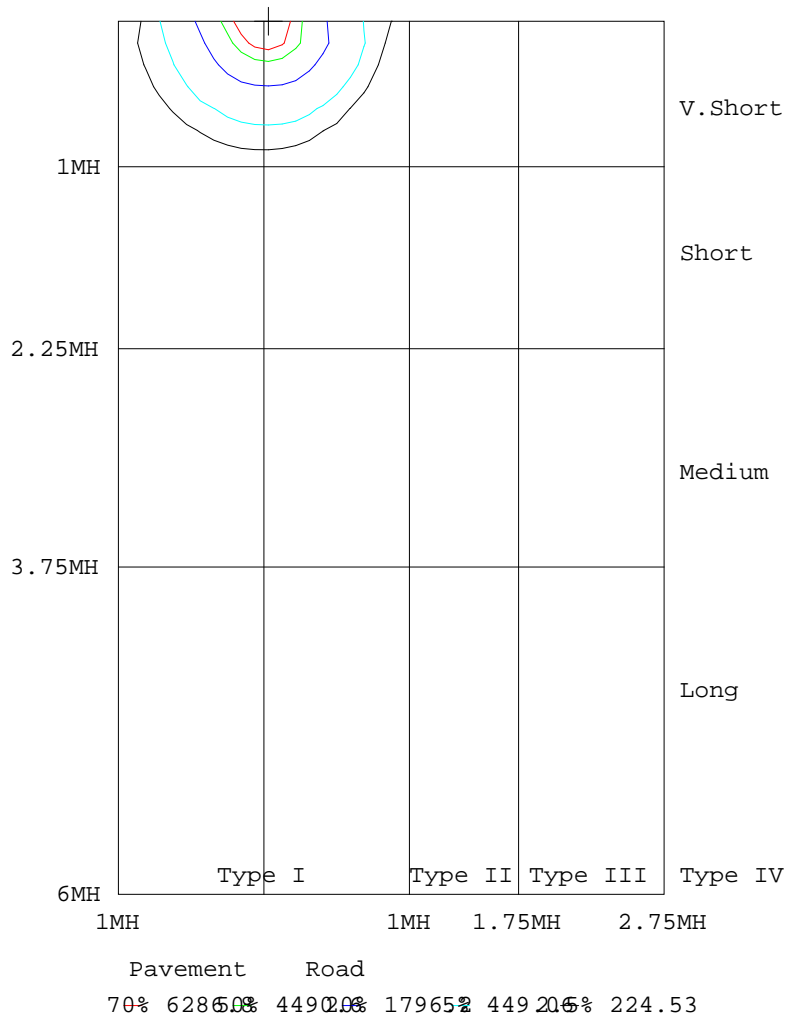
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:



**ROAD ISOCANDELA REPORT**

Test:U:119.86V I:0.1915A P:22.726W PF:0.9900 Freq:59.98Hz Lamp Flux:3386.49x1 lm		
NAME: 25W 4K 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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128	9128			
5	8466	8554	8561	8602	8573	8590	8537	8528	8460	8377	8345	8281	8290	8284	8354	8390			
10	6730	6903	6943	7018	6984	7025	6963	6938	6820	6671	6605	6487	6480	6440	6522	6583			
15	4611	4816	4907	5025	5012	5050	4965	4920	4780	4602	4503	4369	4348	4312	4390	4450			
20	2766	2933	3022	3165	3181	3237	3163	3122	2995	2821	2726	2598	2584	2547	2610	2650			
25	1555	1656	1703	1799	1800	1852	1833	1824	1734	1612	1551	1501	1479	1477	1487	1520			
30	865	916	946	956	958	976	962	966	943	879	842	816	815	808	820	829			
35	439	454	452	470	484	496	478	470	458	437	419	402	410	417	425	428			
40	249	242	226	226	223	232	235	241	239	241	243	242	248	249	254	251			
45	165	154	145	138	133	137	138	147	155	159	165	166	167	169	169	168			
50	114	107	99.4	92.9	89.6	89.5	93.2	100	108	112	118	118	118	120	120	119			
55	84.4	79.0	71.1	64.6	60.8	59.3	63.2	71.8	78.5	83.7	88.3	88.8	88.7	89.8	89.7	88.9			
60	68.0	60.5	52.1	44.2	39.1	37.1	41.3	49.2	60.3	67.2	72.7	74.3	74.1	75.8	73.8	73.0			
65	57.1	48.0	38.0	29.0	23.0	20.7	25.1	33.1	44.1	53.6	62.3	65.3	66.7	67.7	66.0	64.2			
70	38.5	31.1	21.8	14.5	7.94	6.04	8.98	16.8	24.2	33.0	41.1	45.9	49.3	49.8	49.3	45.7			
75	22.5	15.9	9.25	3.61	0.29	0.00	0.72	4.73	11.0	17.4	24.8	28.8	32.2	33.0	31.8	27.8			
80	11.3	6.56	2.19	0.08	0.00	0.00	0.00	0.29	3.03	7.21	13.2	17.0	20.2	20.8	19.7	16.0			
85	2.86	0.87	0.02	0.00	0.00	0.00	0.00	0.00	0.01	1.00	3.56	6.29	8.50	9.10	8.15	5.51			
90	0.22	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.02	0.03	0.25	0.58	0.74	0.82	0.69	0.52			
95	0.03	0.02	0.00	0.05	0.00	0.07	0.01	0.06	0.06	0.02	0.05	0.28	0.41	0.50	0.37	0.25			
100	0.02	0.07	0.03	0.09	0.06	0.10	0.05	0.09	0.10	0.02	0.06	0.09	0.11	0.22	0.10	0.09			
105	0.04	0.11	0.09	0.15	0.10	0.16	0.11	0.16	0.15	0.07	0.11	0.06	0.07	0.05	0.06	0.06			
110	0.11	0.19	0.16	0.22	0.18	0.22	0.18	0.22	0.23	0.15	0.16	0.09	0.13	0.07	0.13	0.10			
115	0.21	0.28	0.26	0.32	0.27	0.33	0.28	0.32	0.34	0.26	0.28	0.20	0.24	0.19	0.24	0.22			
120	0.38	0.45	0.41	0.48	0.44	0.49	0.44	0.48	0.53	0.47	0.48	0.41	0.45	0.41	0.47	0.44			
125	0.72	0.75	0.72	0.76	0.73	0.77	0.74	0.77	0.89	0.86	0.86	0.83	0.85	0.83	0.87	0.87			
130	1.33	1.31	1.28	1.27	1.27	1.27	1.28	1.30	1.52	1.54	1.54	1.57	1.56	1.60	1.60	1.62			
135	2.35	2.25	2.23	2.15	2.17	2.15	2.19	2.19	2.58	2.67	2.67	2.76	2.75	2.82	2.77	2.79			
140	3.93	3.80	3.73	3.62	3.62	3.59	3.66	3.69	4.24	4.37	4.43	4.54	4.54	4.61	4.56	4.55			
145	6.11	5.94	5.83	5.70	5.67	5.65	5.73	5.79	6.47	6.64	6.72	6.85	6.88	6.94	6.88	6.83			
150	8.78	8.57	8.47	8.31	8.28	8.24	8.34	8.42	9.06	9.25	9.34	9.50	9.52	9.60	9.51	9.46			
155	11.5	11.4	11.3	11.1	11.1	11.0	11.1	11.2	11.7	11.9	11.9	12.1	12.1	12.2	12.1	12.0			
160	14.0	13.9	13.8	13.6	13.6	13.5	13.6	13.7	14.0	14.1	14.1	14.2	14.2	14.3	14.2	14.2			
165	15.8	15.7	15.6	15.5	15.5	15.4	15.5	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7			
170	16.8	16.8	16.7	16.7	16.6	16.6	16.6	16.5	16.7	16.7	16.6	16.6	16.6	16.6	16.6	16.6			
175	17.5	17.5	17.4	17.4	17.3	17.3	17.2	17.2	17.4	17.4	17.3	17.3	17.3	17.3	17.2	17.2			
180	17.8	17.8	17.7	17.7	17.6	17.6	17.6	17.6	17.9	17.8	17.7	17.7	17.7	17.6	17.6	17.6			

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: