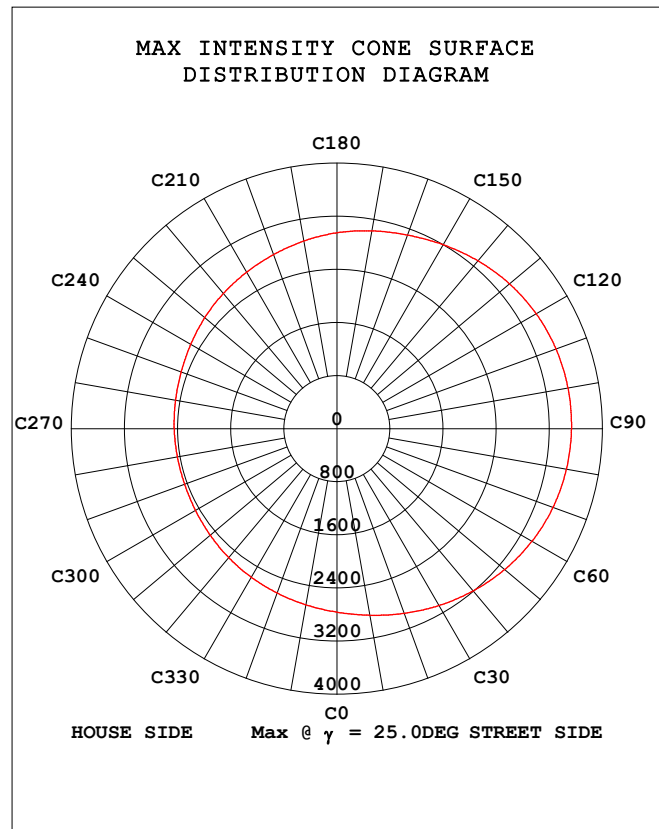
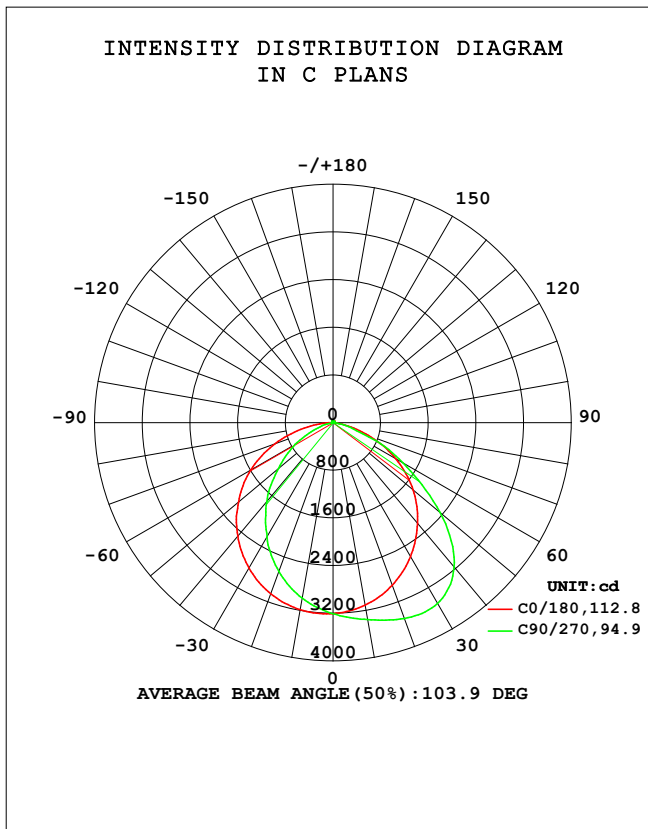


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.17 lm/W			
MODEL		I _{max} (cd)	3533	η street_up (%)	0.5
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	58.2
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	8927	η house_up (%)	0.6
NOMINAL FLUX (lm)	8926.74	MAXIMUM @ (C, γ)	90,25.0	η house_down (%)	40.7
LAMPS INSIDE	1	η up (%)	1.1	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	98.9	SLI	

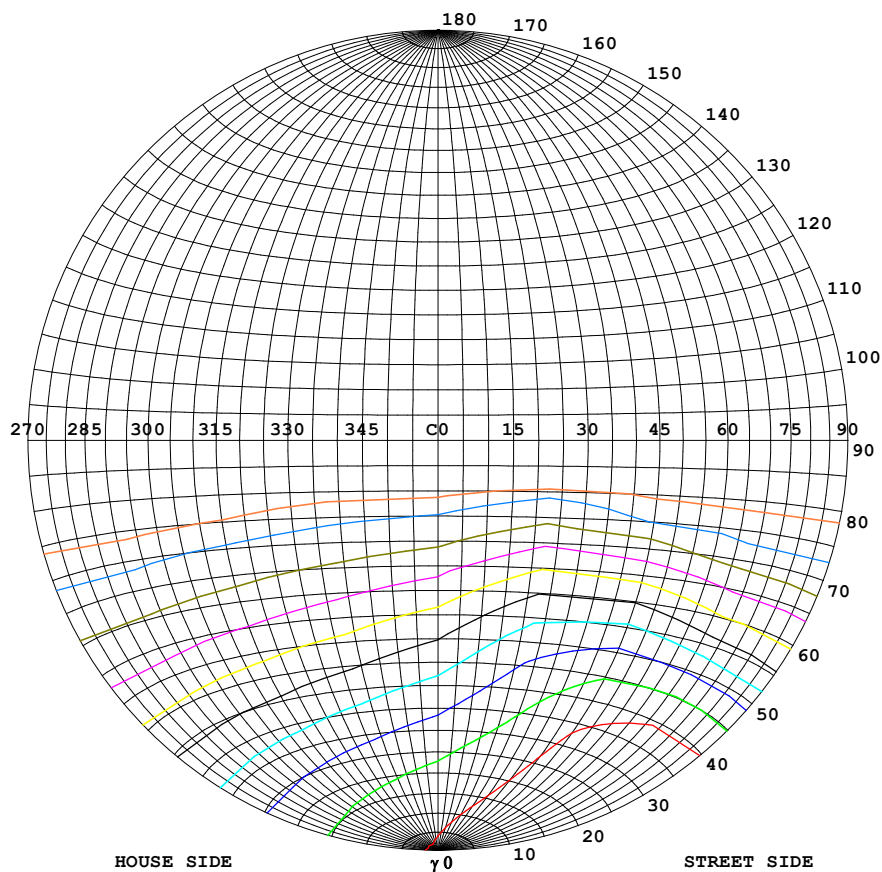


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



Classification:

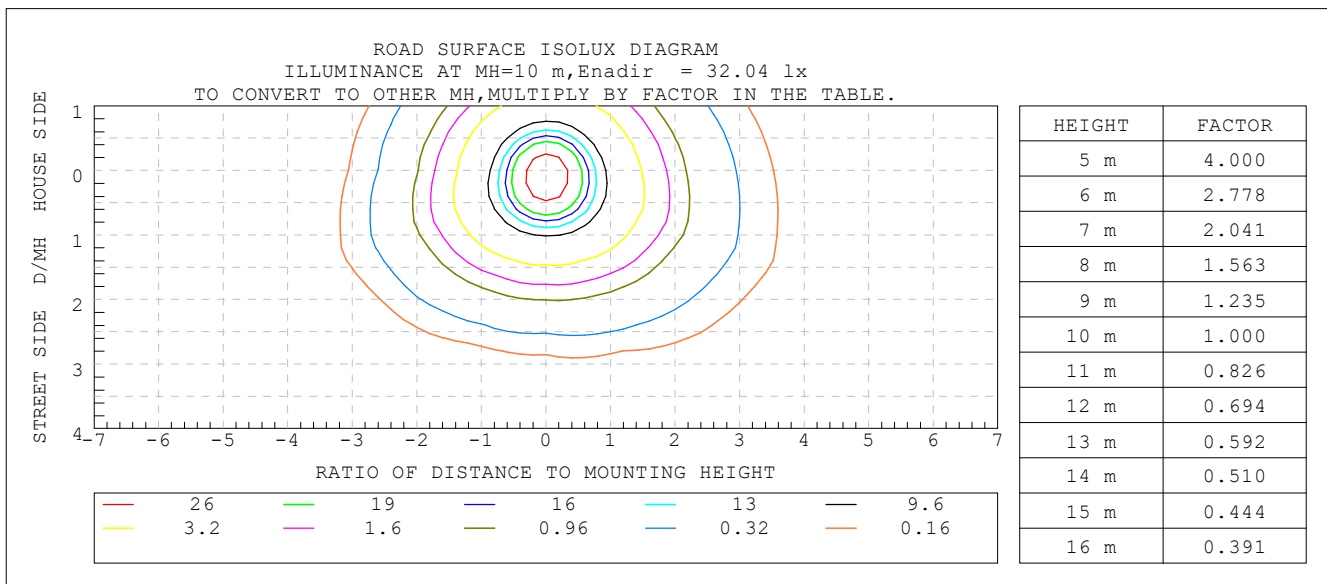
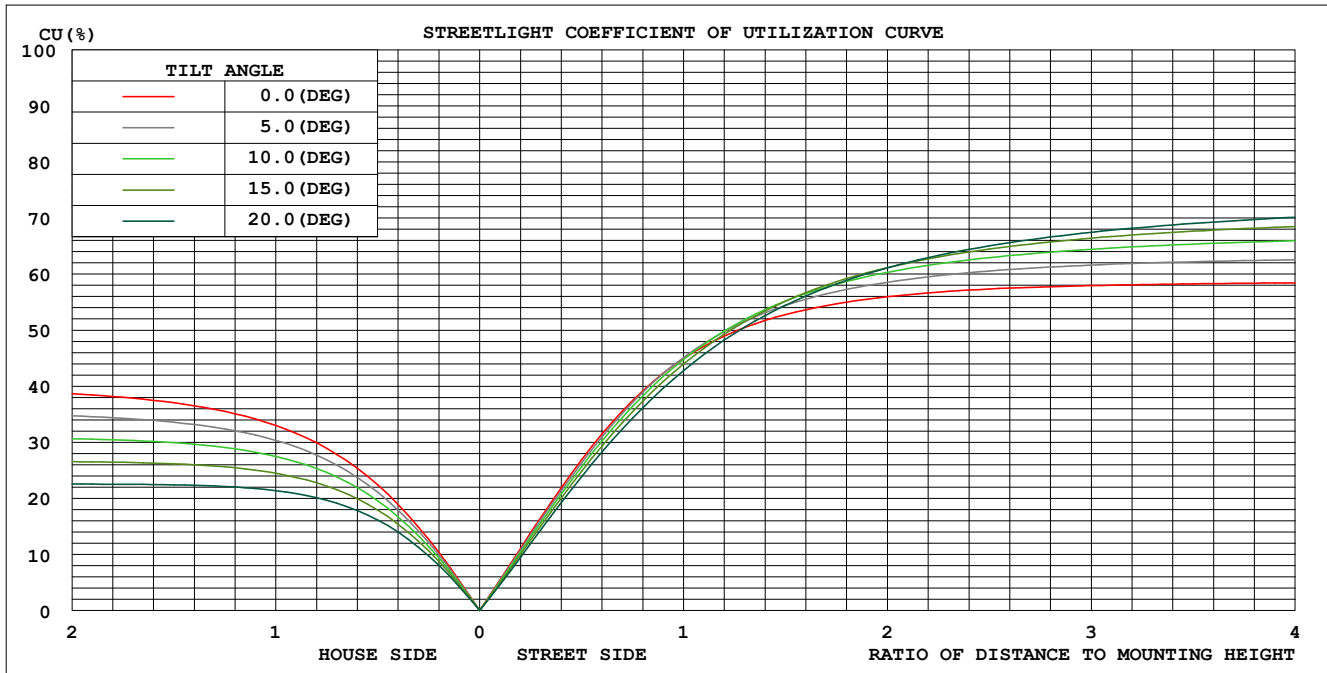
IES:Type II - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:66.71cd/klm
Max.At90:0.7574cd/klm
Max.80-90:66.71cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3533
90%	3179
80%	2826
70%	2473
60%	2120
50%	1766
40%	1413
30%	1060
20%	707
10%	353
5%	177

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [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:
Test Date: 2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

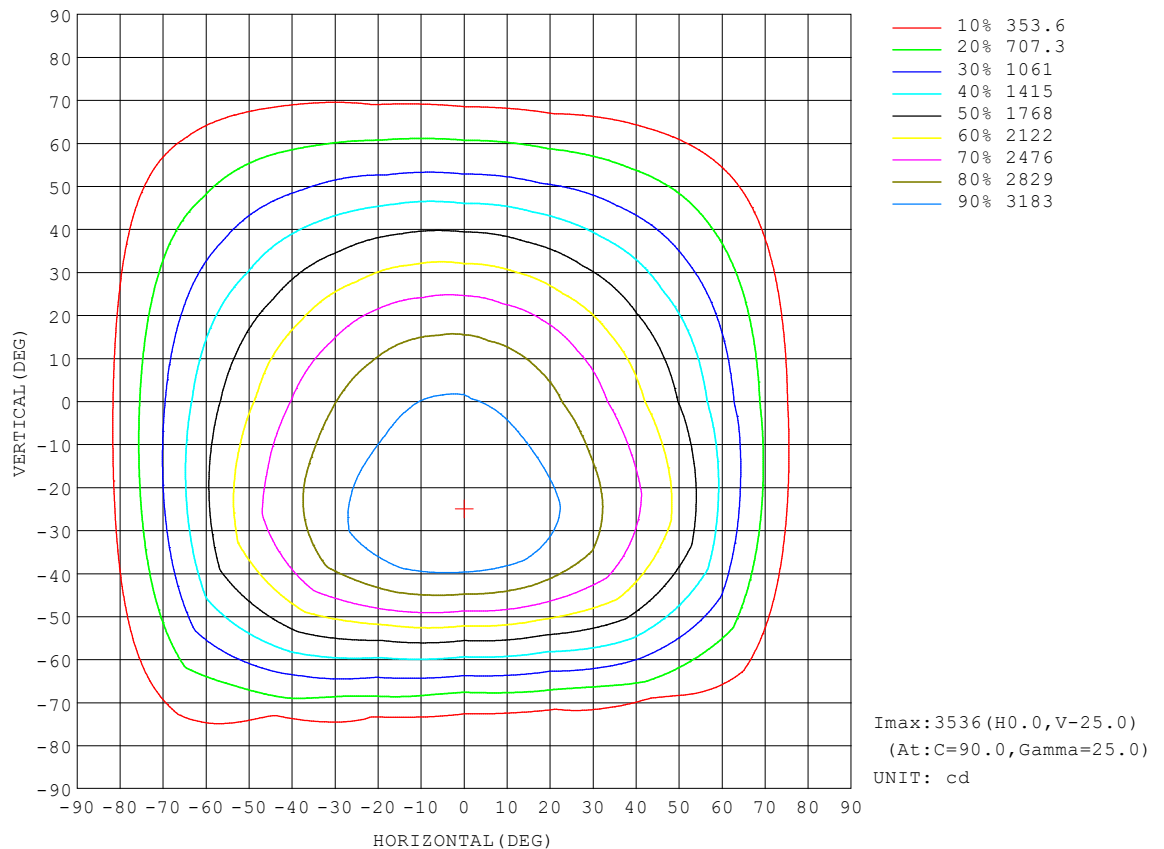
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3110	3261	3357	3305	3187	3062	2993	3016	0- 10	303.8	303.8	3.4,3.4
20	2904	3262	3497	3351	3058	2806	2662	2710	10- 20	877.2	1181	13.2,13.2
30	2600	3211	3504	3336	2822	2436	2221	2301	20- 30	1351	2532	28.4,28.4
40	2210	3008	3162	3172	2488	1969	1733	1811	30- 40	1651	4183	46.9,46.9
50	1755	2528	2341	2731	2073	1495	1195	1329	40- 50	1703	5886	65.9,65.9
60	1219	1746	1359	1986	1599	995.8	738.2	830.9	50- 60	1458	7344	82.3,82.3
70	638.5	857.7	478.2	1096	1031	562.0	300.5	386.7	60- 70	990.4	8335	93.4,93.4
80	116.9	156.1	103.4	257.1	438.8	146.5	36.21	47.99	70- 80	432.1	8767	98.2,98.2
90	5.198	2.870	2.250	3.453	6.761	4.590	3.404	5.400	80- 90	61.41	8828	98.9,98.9
100	8.747	5.262	3.819	4.304	6.288	7.753	7.247	9.701	90-100	5.517	8834	99,99
110	12.92	8.394	6.623	7.199	10.00	12.14	12.39	14.51	100-110	8.971	8843	99.1,99.1
120	17.41	12.16	10.11	10.76	14.36	16.88	18.09	19.61	110-120	12.54	8855	99.2,99.2
130	21.58	16.17	14.14	14.72	18.72	21.46	23.47	24.27	120-130	15.30	8871	99.4,99.4
140	24.83	19.97	18.13	18.57	22.70	25.33	27.77	28.22	130-140	16.39	8887	99.6,99.6
150	27.39	23.54	22.00	22.39	26.04	28.38	30.57	30.75	140-150	15.52	8902	99.7,99.7
160	29.77	26.99	25.93	26.15	28.78	30.46	32.01	32.06	150-160	12.77	8915	99.9,99.9
170	31.91	30.27	29.73	29.90	31.31	31.84	32.94	32.79	160-170	8.498	8924	100,100
180	32.68	32.29	32.65	32.28	33.04	32.03	32.50	32.55	170-180	3.031	8927	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

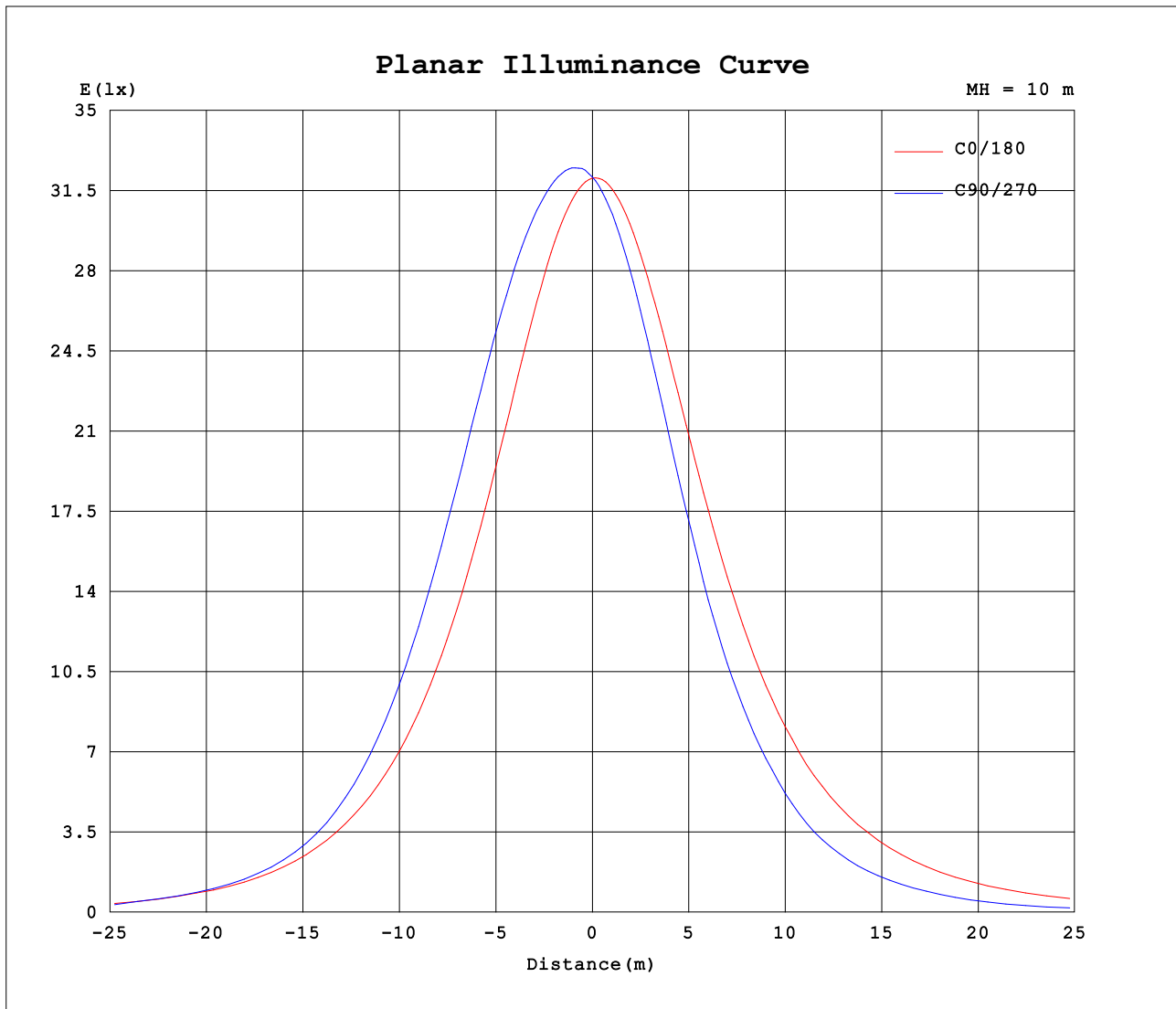
Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



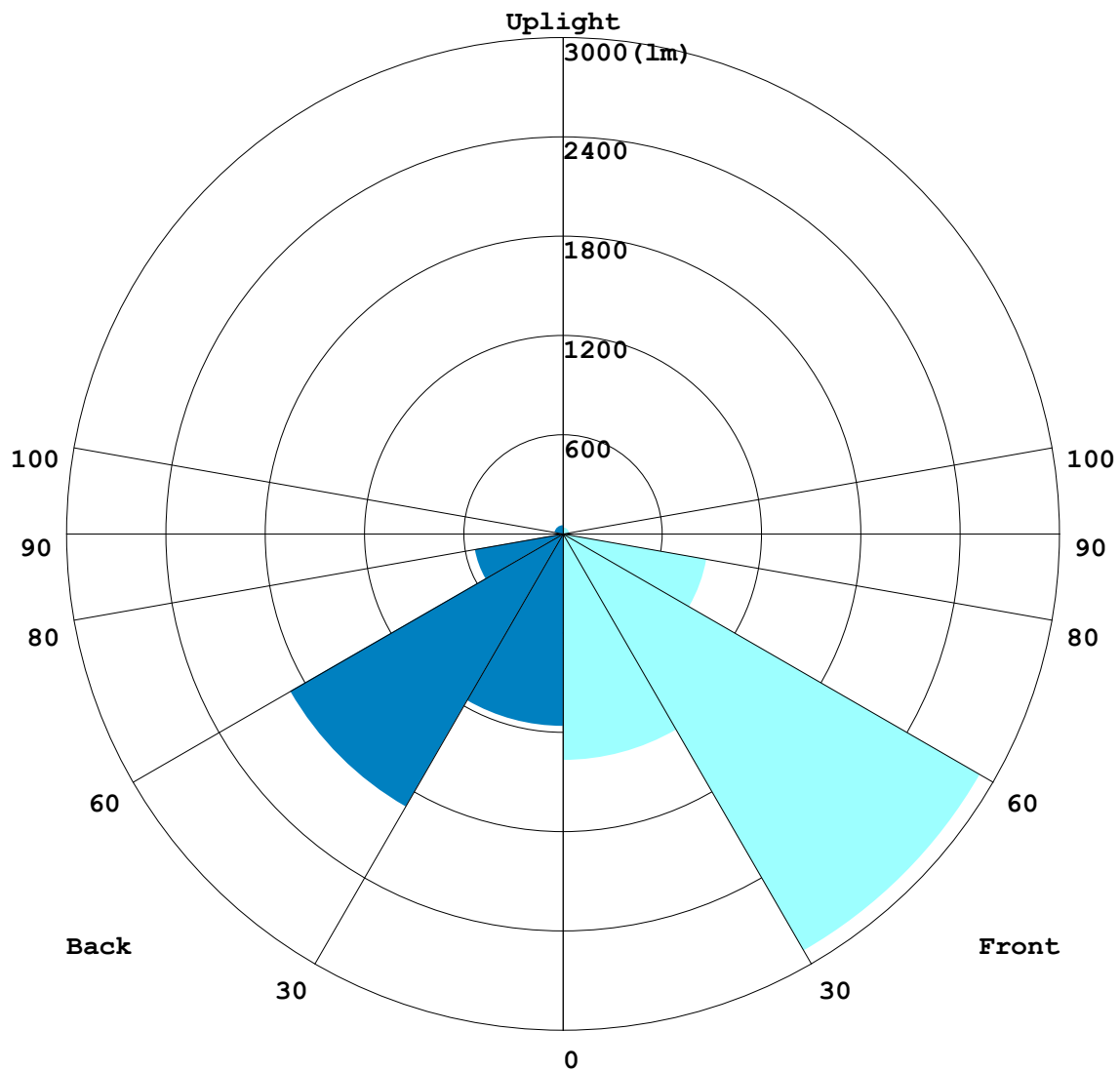
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

LCS REPORT

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

BUG REPORT

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1368.5	15.3
FM - Front-Medium(30-60)	2909.2	32.6
FH - Front-High(60-80)	880.34	9.9
FVH - Front-Very High(80-90)	34.046	0.4
Total Forward Light	5234.5	58.6

BL - Back-Low(0-30)	1163.1	13.0
BM - Back-Medium(30-60)	1903.5	21.3
BH - Back-High(60-80)	542.11	6.1
BVH - Back-Very High(80-90)	27.365	0.3
Total Back Light	3692.3	41.4

UL - Uplight-Low(90-100)	5.5171	0.1
UH - Uplight-High(100-180)	93.013	1.0
Total Up Light	98.53	1.1

BUG (Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3636.1	56.165	3692.3
Street Side	5192.1	42.365	5234.5

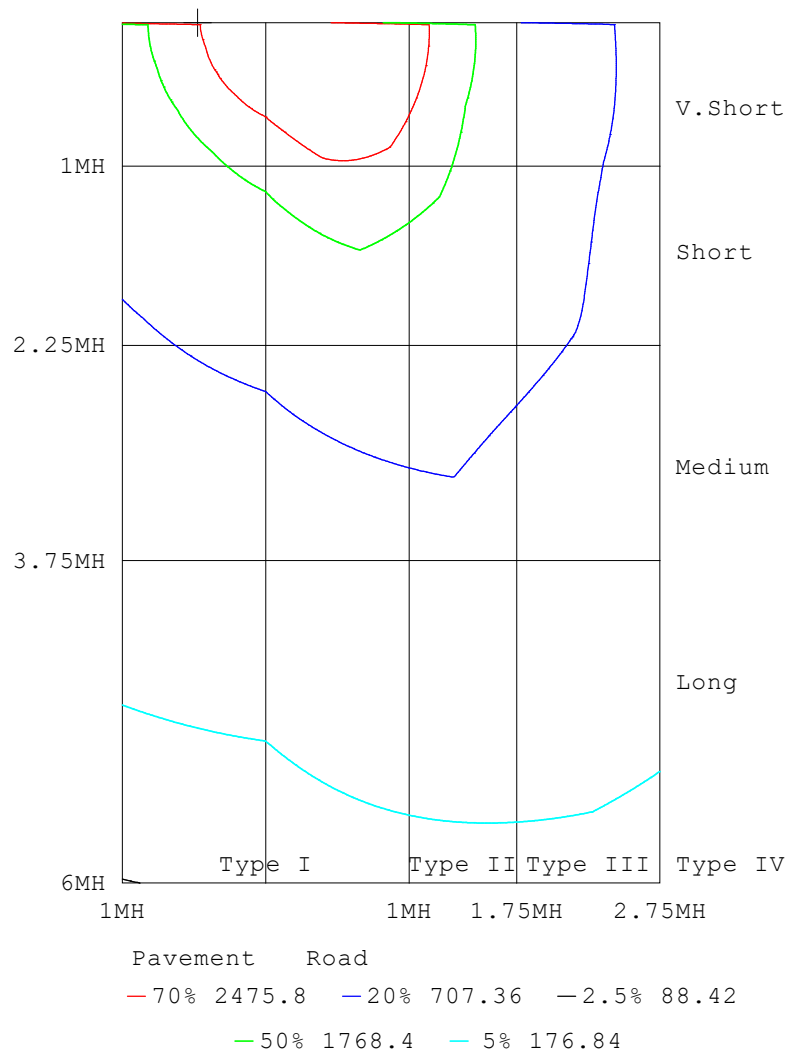
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:275.41V I:0.2224A P:60.657W PF:0.9903 Freq:60.00Hz Lamp Flux:8926.74x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

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	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205	3205			
5	3171	3209	3242	3269	3283	3278	3265	3238	3211	3175	3147	3122	3112	3109	3123	3144			
10	3110	3187	3261	3323	3357	3348	3305	3244	3187	3118	3062	3013	2993	2985	3016	3055			
15	3021	3140	3266	3375	3430	3413	3335	3228	3137	3033	2948	2875	2842	2834	2876	2939			
20	2904	3074	3262	3422	3497	3468	3351	3188	3058	2918	2806	2705	2662	2653	2710	2796			
25	2764	2989	3246	3449	3533	3503	3352	3128	2953	2775	2633	2509	2453	2446	2515	2621			
30	2600	2888	3211	3429	3504	3493	3336	3053	2822	2607	2436	2293	2221	2222	2301	2427			
35	2414	2770	3139	3330	3387	3411	3278	2958	2667	2411	2209	2062	1977	1982	2049	2209			
40	2210	2641	3008	3140	3162	3232	3172	2851	2488	2197	1969	1823	1733	1738	1811	1978			
45	1990	2493	2806	2836	2809	2944	2994	2720	2297	1966	1734	1578	1471	1490	1569	1736			
50	1755	2312	2528	2425	2341	2545	2731	2565	2073	1727	1495	1301	1195	1205	1329	1491			
55	1498	2060	2171	1913	1823	2040	2393	2364	1848	1485	1257	1049	959	967	1072	1246			
60	1219	1754	1746	1432	1359	1548	1986	2088	1599	1239	996	817	738	738	831	996			
65	936	1395	1290	1025	961	1129	1530	1763	1323	987	769	590	489	494	619	751			
70	638	1004	858	540	478	708	1096	1383	1031	737	562	368	301	297	387	505			
75	365	617	340	285	281	339	662	984	733	492	330	193	143	132	190	293			
80	117	232	156	110	103	182	257	596	439	281	147	67.4	36.2	27.0	48.0	103			
85	5.52	5.09	6.35	6.52	7.36	11.6	73.1	154	175	88.6	25.6	4.57	3.63	4.01	5.05	5.90			
90	5.20	3.77	2.87	2.29	2.25	2.56	3.45	4.41	6.76	5.65	4.59	3.61	3.40	4.23	5.40	5.76			
95	6.88	5.11	3.97	3.13	2.75	2.76	3.15	3.78	4.69	5.67	5.77	5.33	5.08	6.13	7.42	7.60			
100	8.75	6.65	5.26	4.27	3.82	3.82	4.30	5.10	6.29	7.44	7.75	7.40	7.25	8.36	9.70	9.60			
105	10.8	8.36	6.74	5.62	5.13	5.10	5.66	6.62	8.06	9.37	9.91	9.78	9.69	10.9	12.1	11.7			
110	12.9	10.2	8.39	7.15	6.62	6.57	7.20	8.32	10.00	11.4	12.1	12.4	12.4	13.6	14.5	14.0			
115	15.1	12.3	10.2	8.84	8.29	8.21	8.90	10.2	12.2	13.6	14.5	15.0	15.2	16.4	17.1	16.3			
120	17.4	14.3	12.2	10.7	10.1	10.0	10.8	12.2	14.4	15.9	16.9	17.7	18.1	19.2	19.6	18.7			
125	19.6	16.4	14.2	12.7	12.1	12.0	12.7	14.2	16.6	18.2	19.3	20.3	20.9	21.9	22.0	20.9			
130	21.6	18.4	16.2	14.6	14.1	14.0	14.7	16.2	18.7	20.4	21.5	22.7	23.5	24.3	24.3	22.9			
135	23.3	20.2	18.1	16.6	16.1	16.0	16.6	18.1	20.8	22.4	23.5	24.9	25.7	26.6	26.3	24.6			
140	24.8	21.9	20.0	18.6	18.1	17.9	18.6	19.9	22.7	24.3	25.3	26.8	27.8	28.6	28.2	26.3			
145	26.2	23.6	21.8	20.5	20.1	19.9	20.5	21.7	24.5	25.8	26.9	28.4	29.4	30.1	29.6	27.6			
150	27.4	25.2	23.5	22.4	22.0	21.8	22.4	23.4	26.0	27.3	28.4	29.8	30.6	31.2	30.8	28.9			
155	28.6	26.7	25.3	24.2	24.0	23.8	24.3	25.1	27.5	28.6	29.6	30.8	31.4	31.9	31.6	29.8			
160	29.8	28.2	27.0	26.1	25.9	25.8	26.1	26.8	28.8	29.5	30.5	31.6	32.0	32.4	32.1	30.4			
165	30.9	29.7	28.7	27.9	27.9	27.8	28.0	28.4	30.0	30.4	31.2	32.2	32.5	32.8	32.4	31.0			
170	31.9	31.0	30.3	29.7	29.7	29.8	29.9	30.0	31.3	31.2	31.8	32.7	32.9	33.2	32.8	31.6			
175	32.5	32.0	31.4	31.1	31.3	31.3	31.3	31.2	32.4	31.8	32.1	32.9	32.8	33.1	32.8	31.8			
180	32.7	32.3	32.3	32.3	32.7	32.6	32.3	32.1	33.0	32.1	32.0	32.6	32.5	32.8	32.6	31.7			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks: