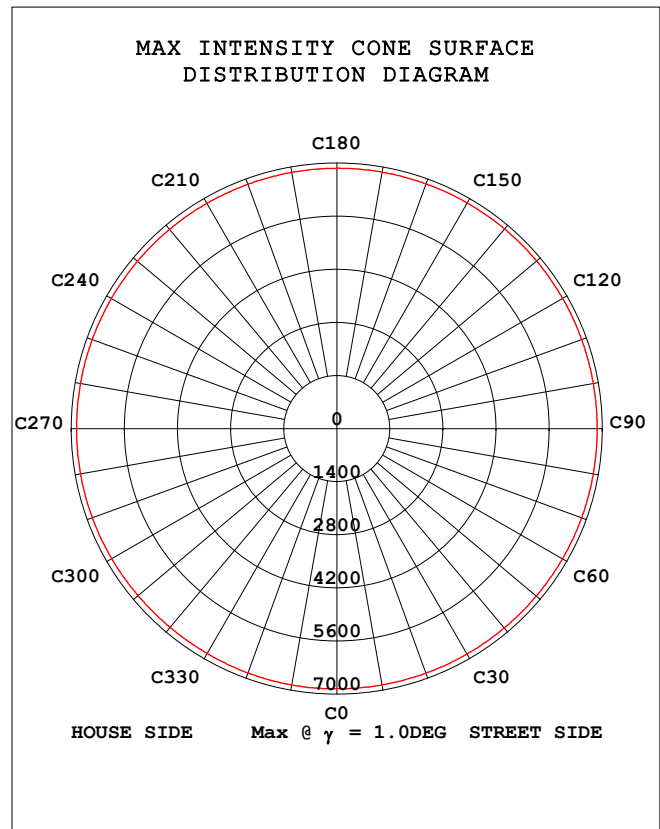
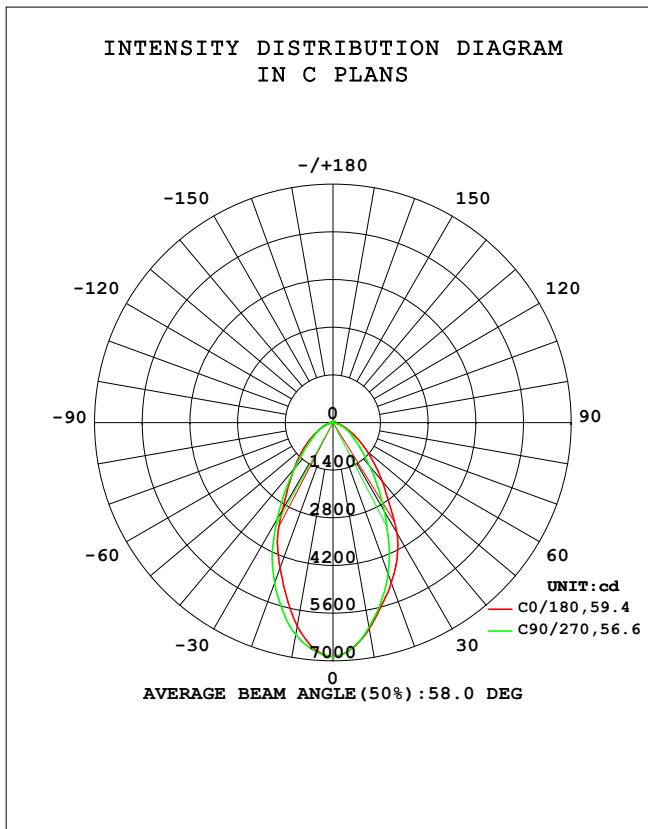


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.58 lm/W			
MODEL		Imax(cd)	6877	η street_up(%)	0.6
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	49.6
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	8154	η house_up(%)	0.6
NOMINAL FLUX(lm)	8154.33	MAXIMUM @ (C, γ)	135,1.0	η house_down(%)	49.2
LAMPS INSIDE	1	η up(%)	1.2	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	98.8	SLI	20.059

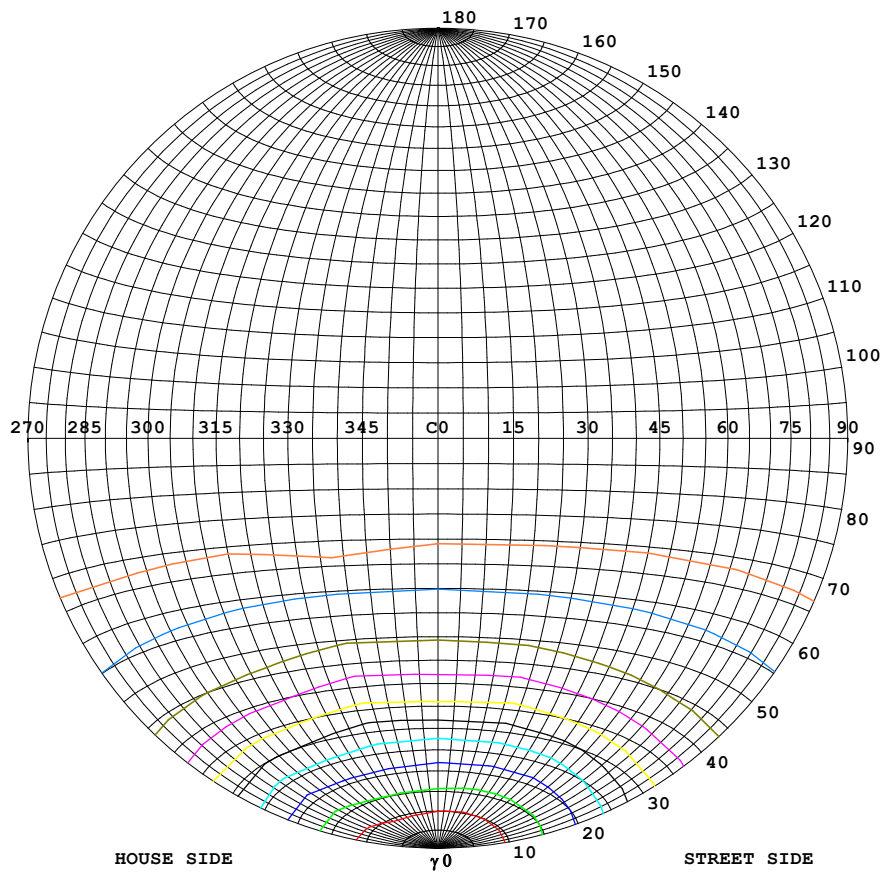


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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:

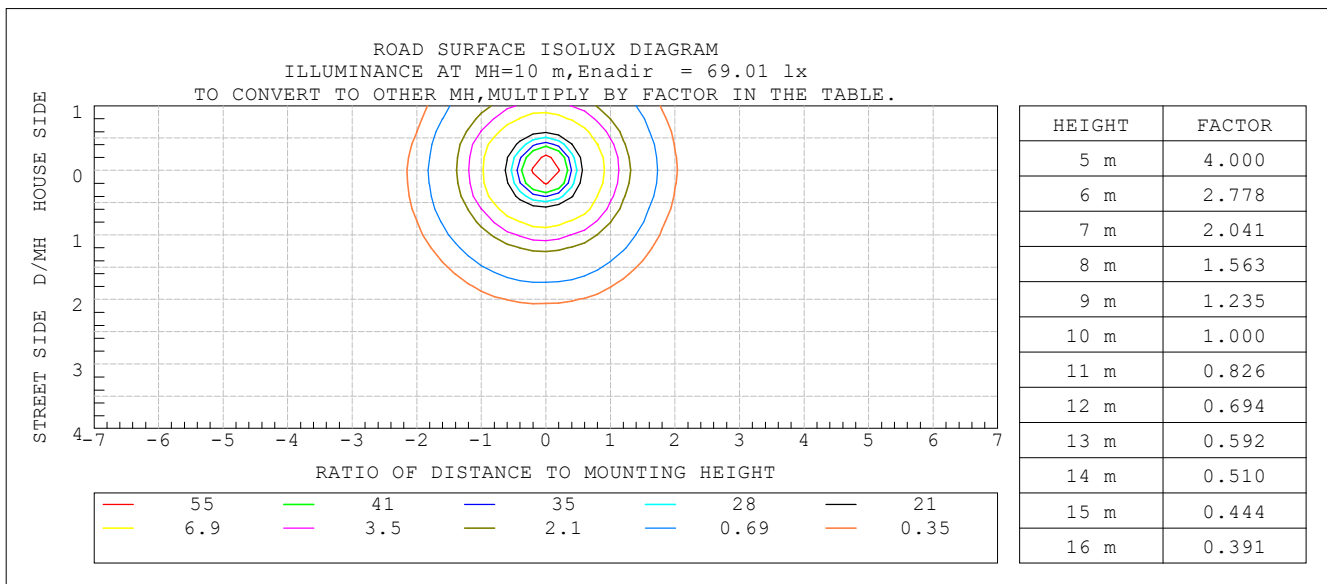
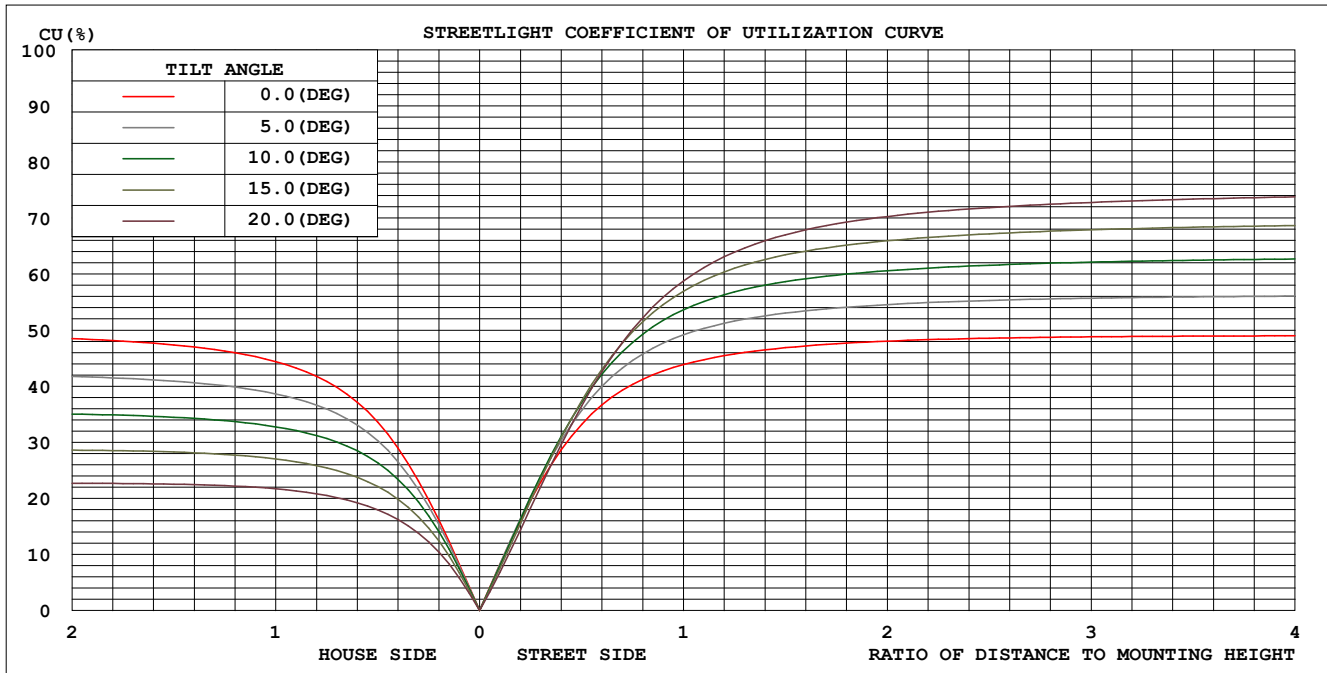
STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 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:2024-10-28

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: 2024-10-28

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:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

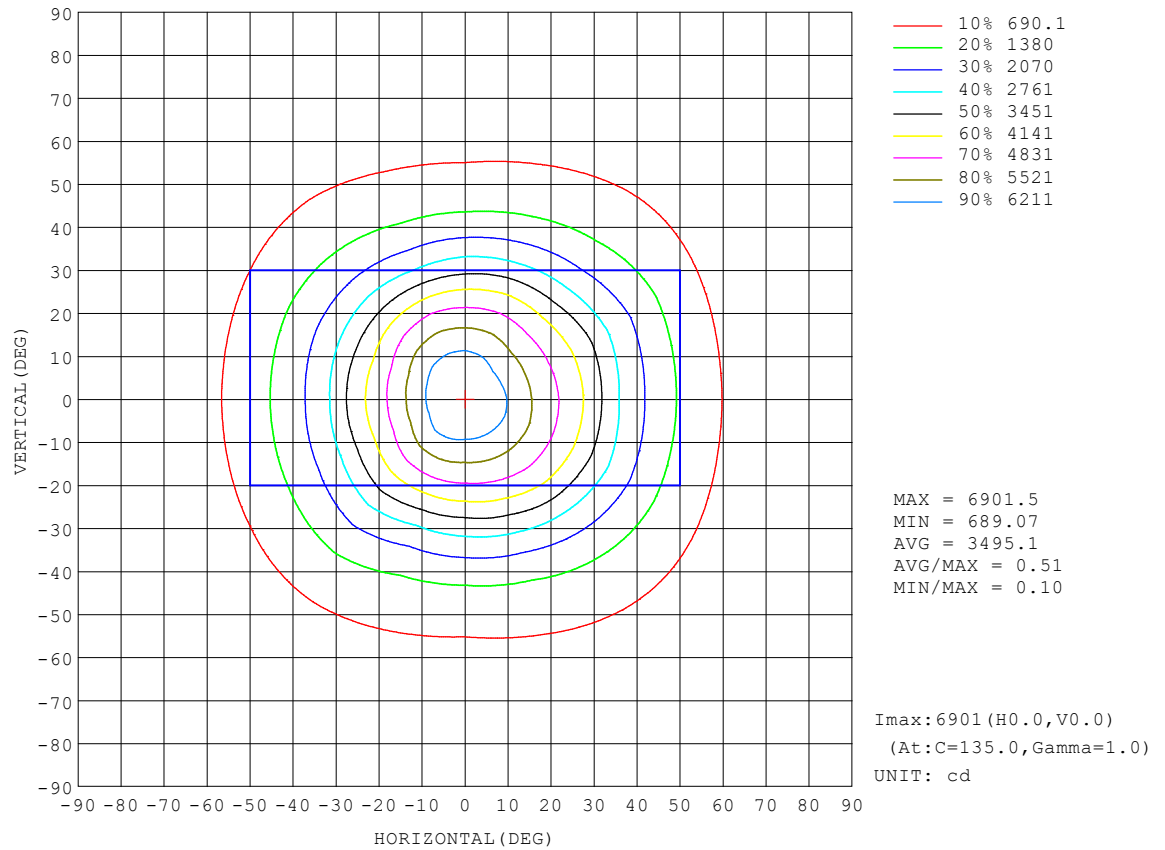
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	6153	6161	6099	6262	6067	6276	6330	6175	0- 10	621.3	621.3	7.62,7.62
20	5008	5002	4729	4785	4553	4881	5027	4975	10- 20	1552	2173	26.7,26.7
30	3761	3548	3036	3234	2995	3134	3282	3521	20- 30	1883	4056	49.7,49.7
40	2255	2054	1688	1914	1797	1773	1750	2037	30- 40	1585	5642	69.2,69.2
50	1311	1119	916.2	1049	1061	988.4	919.1	1125	40- 50	1113	6755	82.8,82.8
60	676.1	618.7	541.4	548.4	528.1	541.0	513.2	625.9	50- 60	709.6	7465	91.5,91.5
70	318.3	309.5	247.2	241.8	248.1	243.1	281.5	299.6	60- 70	406.0	7871	96.5,96.5
80	102.4	61.44	15.14	34.85	61.65	61.38	56.43	91.46	70- 80	161.7	8032	98.5,98.5
90	3.339	1.902	1.835	2.194	2.023	2.199	1.704	3.376	80- 90	21.71	8054	98.8,98.8
100	3.419	3.415	3.537	4.125	4.222	3.747	3.078	3.177	90-100	2.958	8057	98.8,98.8
110	6.352	6.296	6.517	7.609	7.906	6.972	5.811	5.973	100-110	5.303	8062	98.9,98.9
120	10.98	10.87	11.50	12.94	13.57	11.98	10.27	10.38	110-120	8.853	8071	99,99
130	17.34	17.43	18.61	20.07	20.85	18.72	16.72	16.74	120-130	13.22	8084	99.1,99.1
140	25.04	25.39	27.02	28.41	29.12	26.63	24.58	24.57	130-140	17.17	8101	99.4,99.4
150	32.95	33.66	35.29	36.62	36.95	34.29	32.60	32.81	140-150	19.08	8120	99.6,99.6
160	38.71	39.95	40.65	42.11	42.43	40.15	38.64	39.54	150-160	17.39	8138	99.8,99.8
170	43.58	43.77	45.07	45.58	47.06	44.20	43.40	43.77	160-170	12.03	8150	99.9,99.9
180	50.73	48.21	49.53	48.84	50.76	48.23	49.58	48.86	170-180	4.414	8154	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:2024-10-28

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

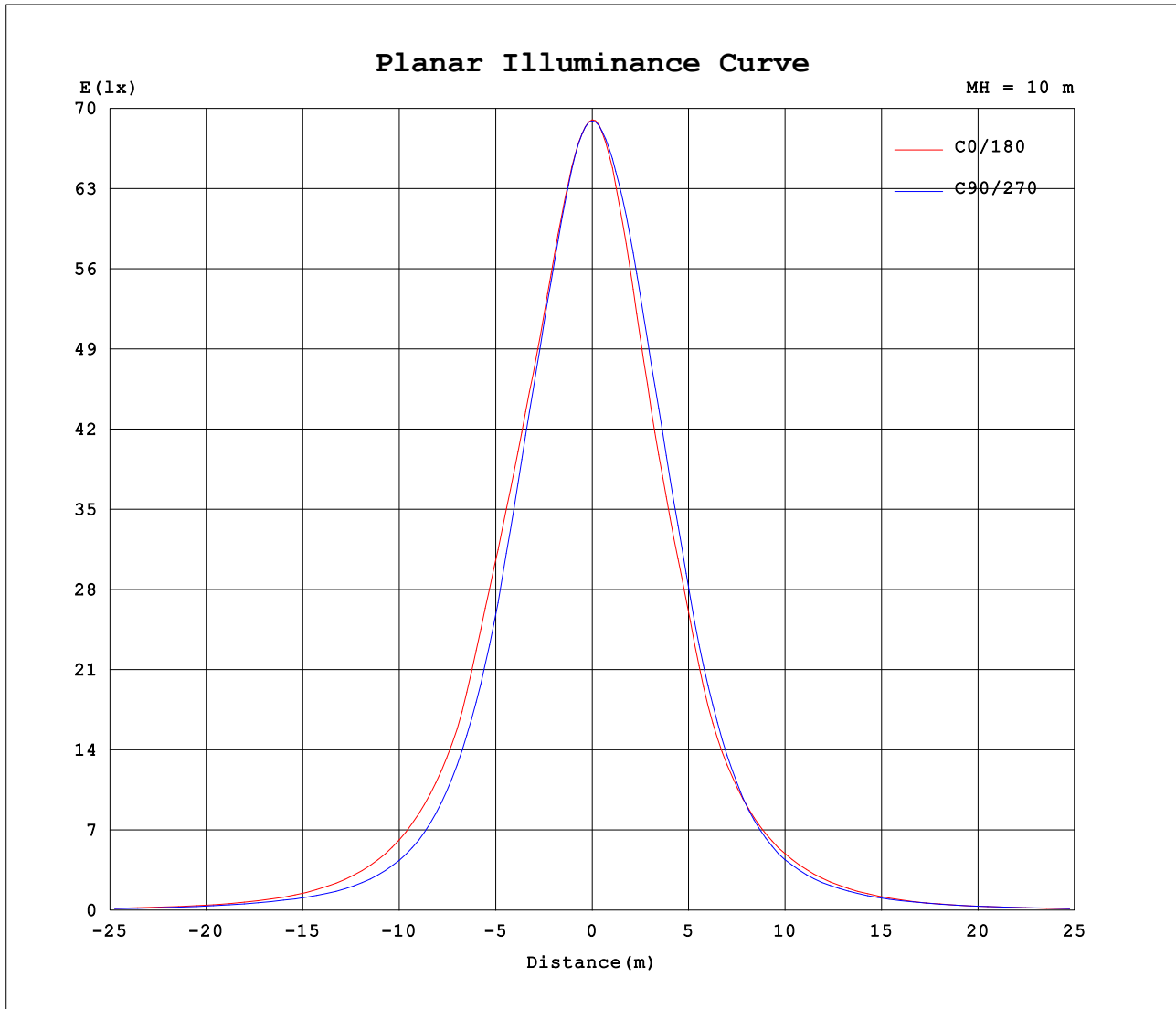
Test:U:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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



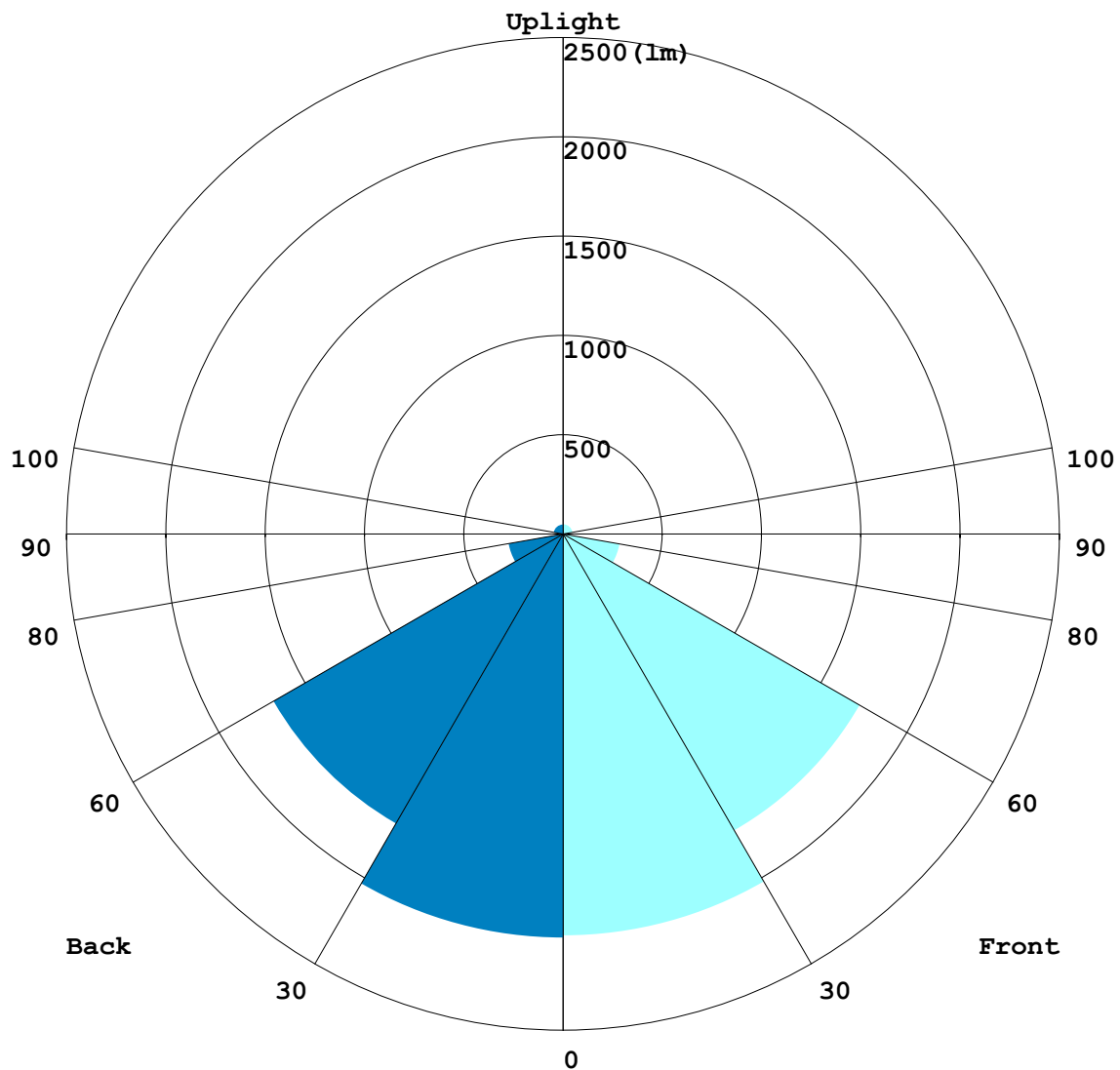
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-10-28

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:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 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:2024-10-28

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:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 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)	2022.7	24.8
FM - Front-Medium(30-60)	1724.3	21.1
FH - Front-High(60-80)	289.25	3.5
FVH - Front-Very High(80-90)	8.5903	0.1
Total Forward Light	4095.9	50.2

BL - Back-Low(0-30)	2033.8	24.9
BM - Back-Medium(30-60)	1683.8	20.6
BH - Back-High(60-80)	278.45	3.4
BVH - Back-Very High(80-90)	13.117	0.2
Total Back Light	4058.5	49.8

UL - Uplight-Low(90-100)	2.9577	0.0
UH - Uplight-High(100-180)	97.454	1.2
Total Up Light	100.41	1.2

BUG (Back, Up, Glare) Rating	B3-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4009.1	49.385	4058.5
Street Side	4044.8	51.027	4095.9

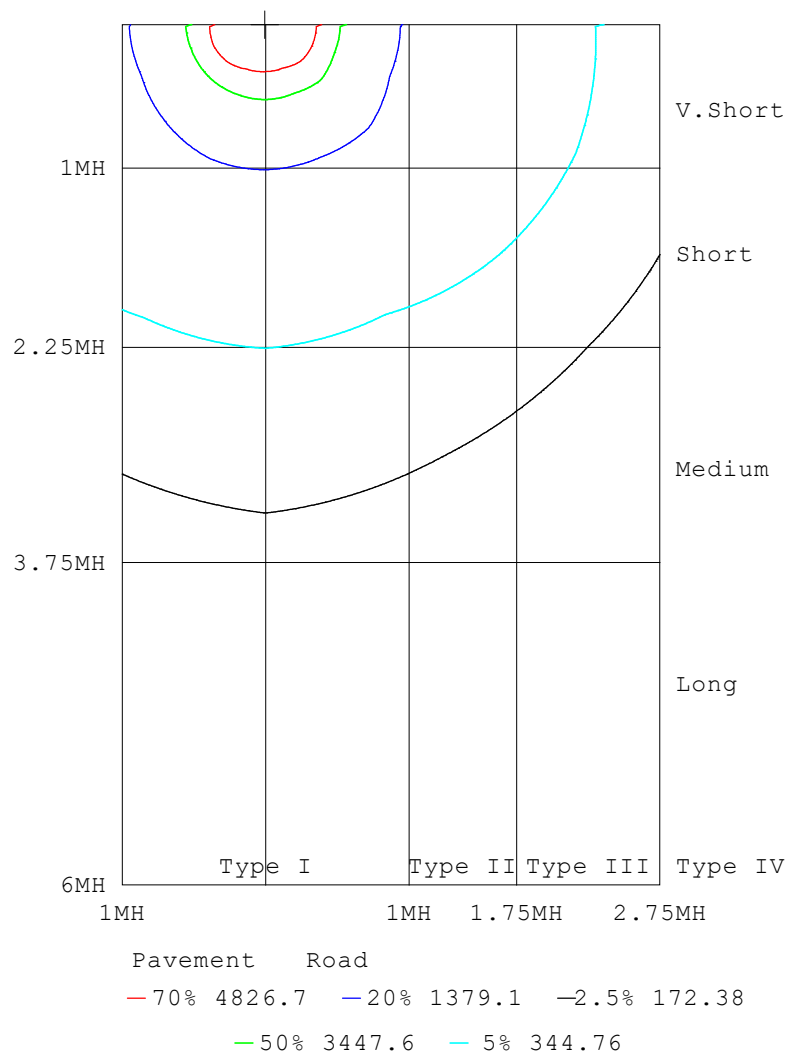
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 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:2024-10-28

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:119.14V I:0.5197A P:61.504W PF:0.9934 Freq:60.00Hz Lamp Flux:8154.33x1 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	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870	6870			
5	6649	6672	6653	6662	6651	6681	6748	6692	6645	6649	6699	6709	6710	6680	6617	6639			
10	6153	6190	6161	6128	6099	6179	6262	6139	6067	6125	6276	6325	6330	6265	6175	6182			
15	5554	5607	5588	5526	5457	5517	5575	5374	5297	5381	5636	5756	5729	5692	5597	5593			
20	5008	5045	5002	4863	4729	4752	4785	4587	4553	4581	4881	5042	5027	5028	4975	5016			
25	4448	4441	4358	4086	3886	3890	4010	3877	3871	3853	4023	4147	4228	4301	4328	4427			
30	3761	3741	3548	3214	3036	2952	3234	3029	2995	3047	3134	3147	3282	3411	3521	3792			
35	2870	2942	2691	2451	2306	2234	2490	2350	2303	2360	2371	2296	2452	2545	2701	2990			
40	2255	2308	2054	1800	1688	1658	1914	1833	1797	1842	1773	1677	1750	1864	2037	2345			
45	1736	1738	1524	1320	1238	1234	1432	1397	1397	1402	1321	1228	1252	1356	1513	1799			
50	1311	1268	1119	985	916	930	1049	1040	1061	1040	988	923	919	1003	1125	1328			
55	962	914	826	753	695	717	755	746	772	747	739	695	687	752	842	969			
60	676	655	619	587	541	558	548	516	528	525	541	520	513	554	626	651			
65	460	466	458	434	388	403	387	360	371	362	381	381	386	403	458	398			
70	318	317	309	282	247	245	242	238	248	237	243	266	282	282	300	259			
75	201	196	162	140	111	111	117	133	145	132	136	158	173	165	98.9	177			
80	102	95.2	61.4	33.9	15.1	19.7	34.8	52.5	61.6	55.4	61.4	63.4	56.4	57.1	91.5	102			
85	33.0	26.1	7.84	1.45	1.29	1.67	3.81	8.21	11.9	10.6	13.9	11.7	7.57	21.1	31.4	33.8			
90	3.34	2.80	1.90	1.76	1.84	1.98	2.19	2.46	2.02	2.16	2.20	2.06	1.70	2.40	3.38	4.09			
95	2.40	2.41	2.45	2.46	2.56	2.76	3.06	3.49	2.96	2.94	2.71	2.41	2.17	2.21	2.42	2.45			
100	3.42	3.40	3.41	3.40	3.54	3.78	4.13	4.79	4.22	4.12	3.75	3.37	3.08	3.03	3.18	3.31			
105	4.71	4.68	4.68	4.63	4.84	5.18	5.68	6.26	5.84	5.67	5.17	4.65	4.26	4.19	4.40	4.54			
110	6.35	6.28	6.30	6.23	6.52	6.96	7.61	8.31	7.91	7.63	6.97	6.29	5.81	5.69	5.97	6.09			
115	8.43	8.29	8.34	8.30	8.73	9.27	10.00	11.0	10.5	10.1	9.22	8.35	7.79	7.62	7.95	8.06			
120	11.0	10.8	10.9	11.0	11.5	12.1	12.9	14.2	13.6	13.0	12.0	10.9	10.3	10.1	10.4	10.5			
125	13.9	13.8	13.9	14.2	14.8	15.5	16.3	17.7	17.0	16.4	15.2	14.0	13.3	13.0	13.3	13.4			
130	17.3	17.2	17.4	17.8	18.6	19.3	20.1	21.8	20.9	20.1	18.7	17.4	16.7	16.3	16.7	16.7			
135	21.1	21.1	21.3	21.8	22.7	23.4	24.1	26.1	24.9	24.0	22.6	21.2	20.5	20.0	20.5	20.4			
140	25.0	25.2	25.4	26.1	27.0	27.8	28.4	30.5	29.1	28.2	26.6	25.2	24.6	24.1	24.6	24.5			
145	29.1	29.3	29.6	30.4	31.3	32.2	32.7	34.6	33.2	32.4	30.7	29.3	28.7	28.3	28.8	28.8			
150	32.9	33.3	33.7	34.4	35.3	36.2	36.6	38.4	36.9	36.2	34.3	33.2	32.6	32.4	32.8	33.1			
155	36.2	36.7	37.1	38.0	38.5	39.3	39.7	41.7	40.0	39.4	37.4	36.5	36.0	35.9	36.4	37.0			
160	38.7	39.7	40.0	40.8	40.6	41.9	42.1	43.8	42.4	41.8	40.1	39.4	38.6	38.8	39.5	40.5			
165	41.1	42.1	42.1	42.6	42.9	43.9	43.9	45.2	44.7	43.7	42.3	41.8	40.9	41.1	41.9	43.3			
170	43.6	44.3	43.8	44.2	45.1	45.4	45.6	46.2	47.1	45.5	44.2	44.1	43.4	43.0	43.8	45.5			
175	46.9	47.2	46.5	46.5	47.7	48.0	47.8	48.1	49.5	47.5	46.4	46.6	46.5	45.6	45.8	47.4			
180	50.7	49.4	48.2	49.0	49.5	48.6	48.8	49.7	50.8	49.4	48.2	48.9	49.6	48.5	48.9	49.7			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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: