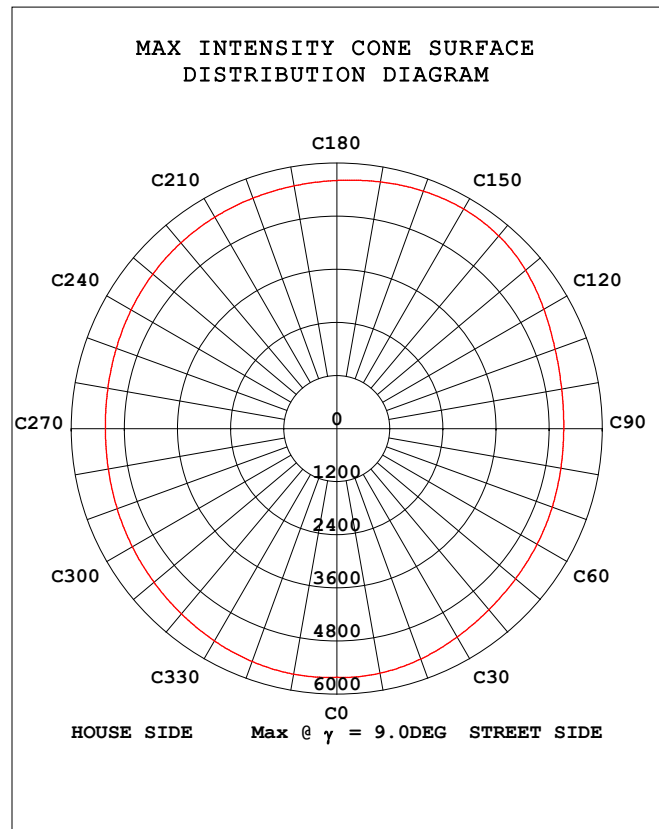
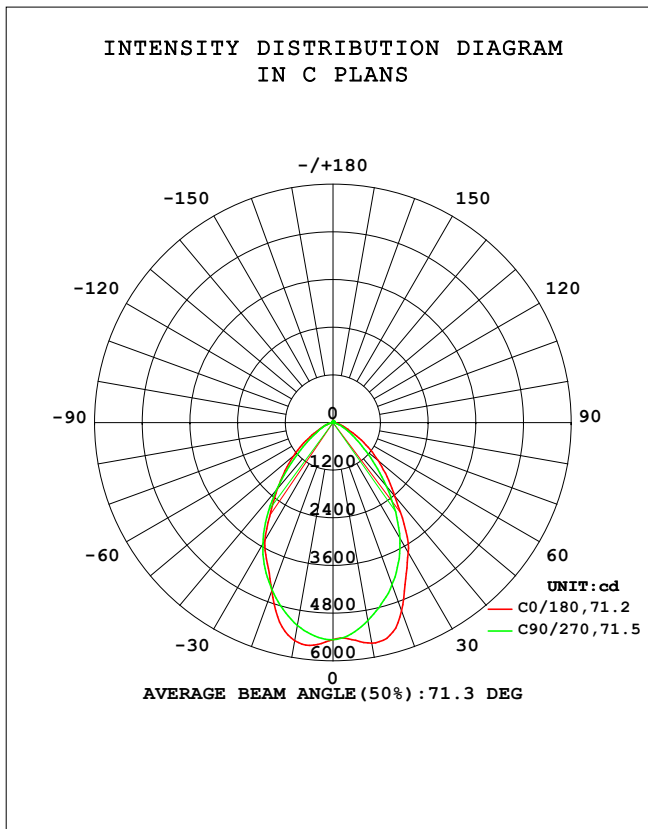


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.14V I:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.22 lm/W			
MODEL		Imax(cd)	5722	η street_up(%)	0.6
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	49.4
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	8554	η house_up(%)	0.6
NOMINAL FLUX(lm)	8554.47	MAXIMUM @ (C, γ)	158,9.0	η house_down(%)	49.3
LAMPS INSIDE	1	η up(%)	1.2	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	98.8	SLI	19.652

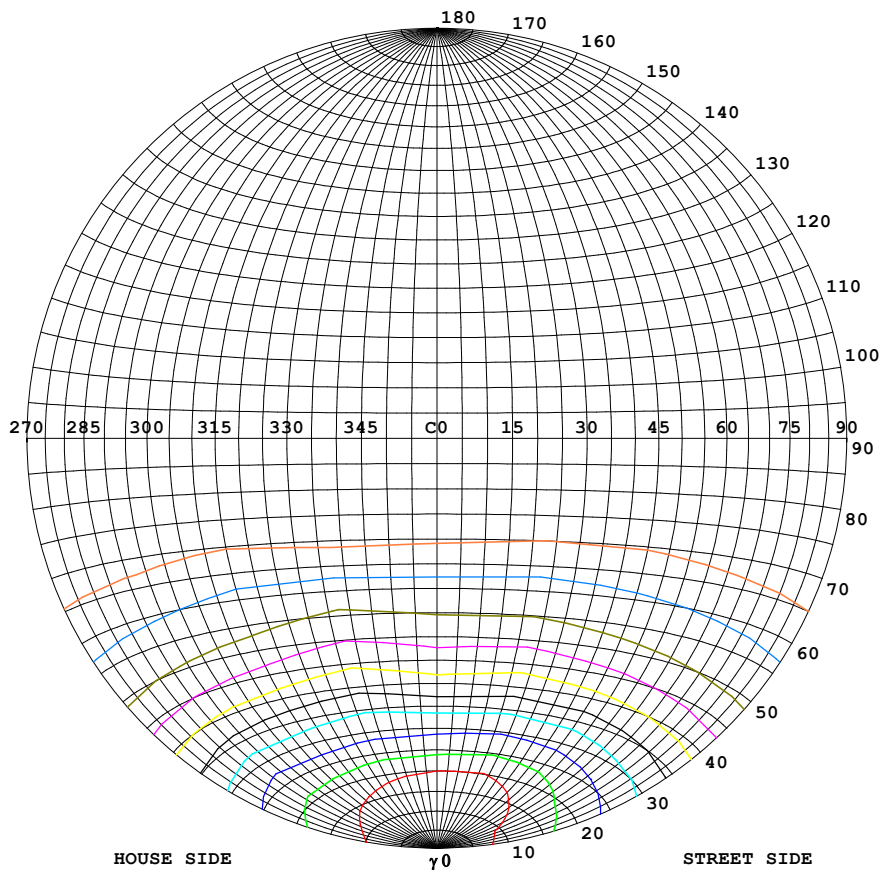


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



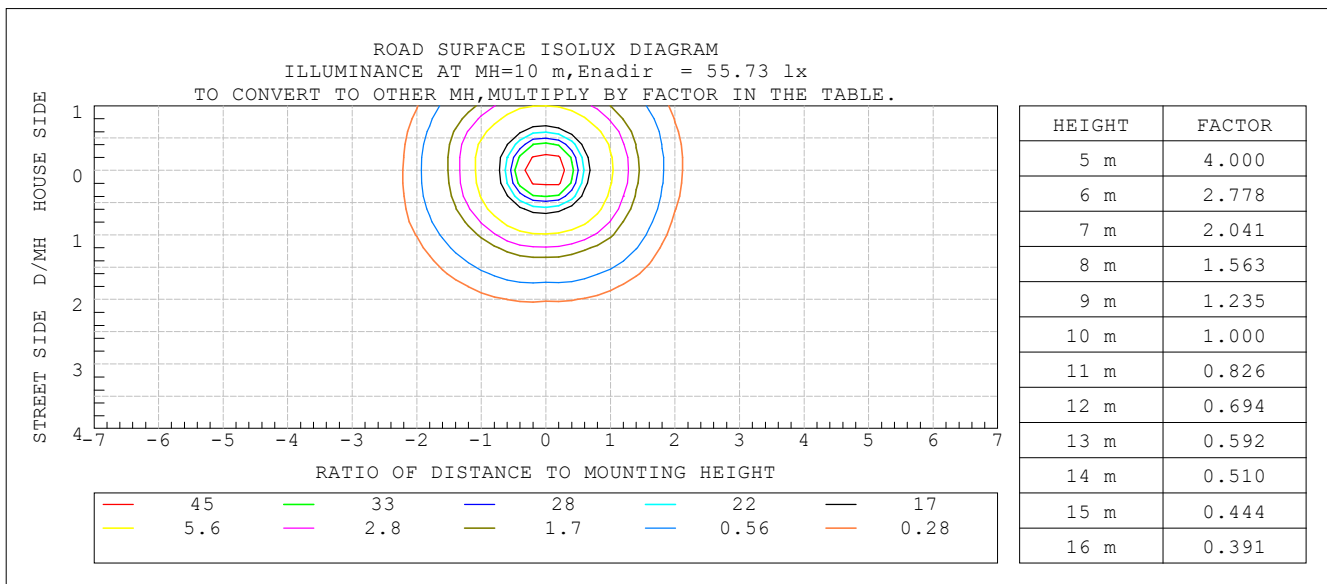
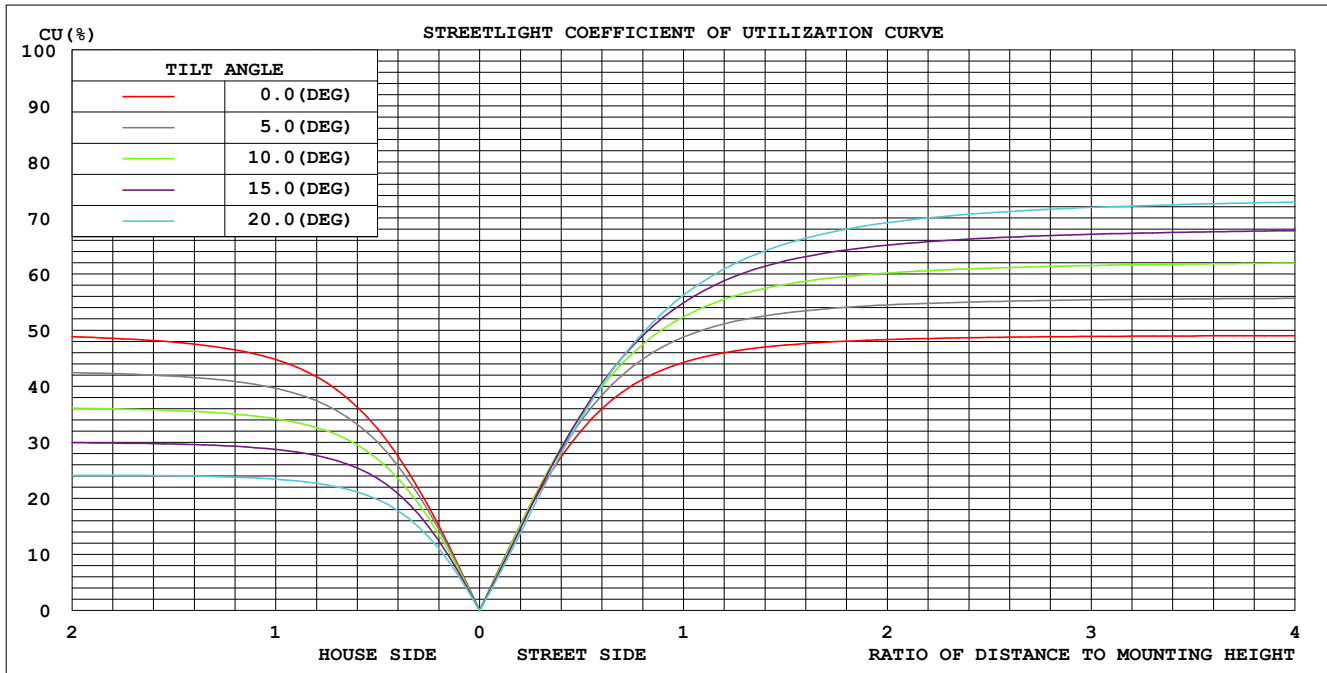
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:9.744cd/klm
Max.At90:0.4214cd/klm
Max.80-90:9.744cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	5722
90%	5150
80%	4577
70%	4005
60%	3433
50%	2861
40%	2289
30%	1717
20%	1144
10%	572
5%	286

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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

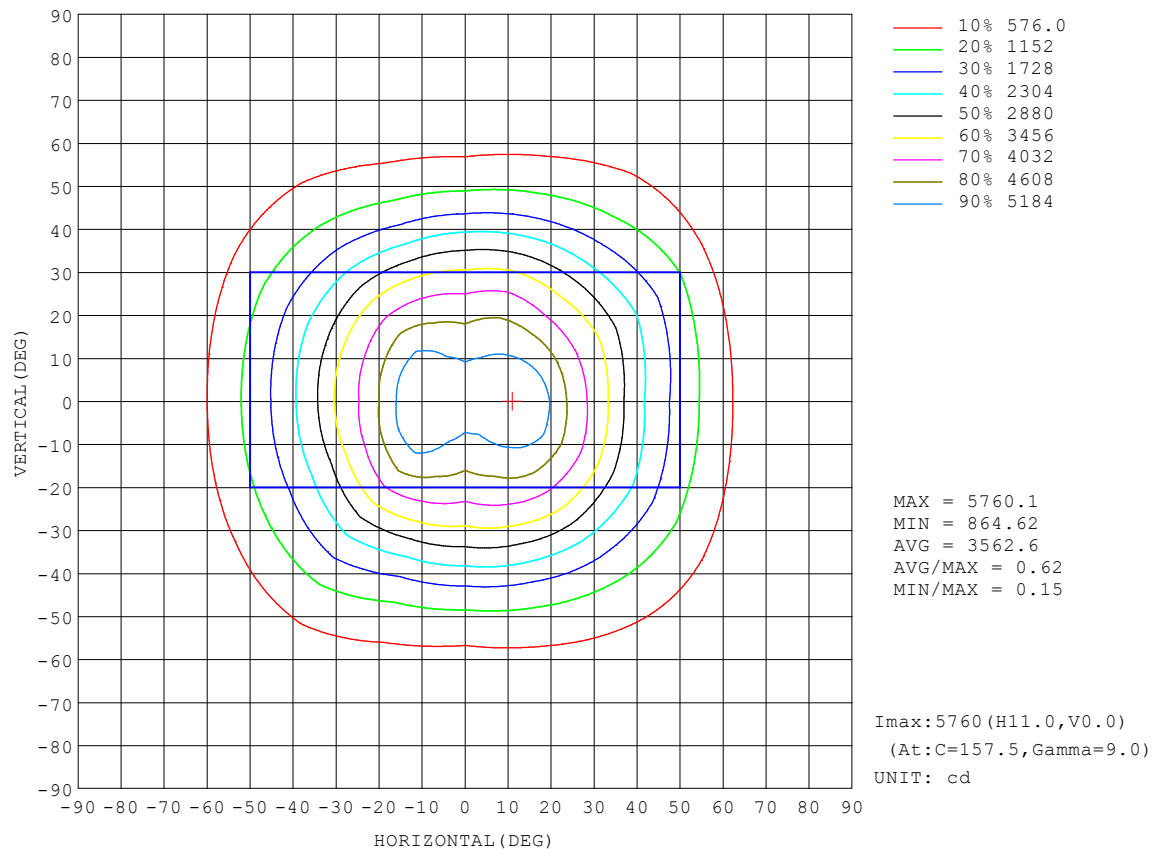
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5637	5283	5061	5633	5571	5427	5186	5424	0- 10	520.3	520.3	6.08,6.08
20	5040	4769	4344	4944	4515	4730	4489	4883	10- 20	1446	1966	23,23
30	3790	3758	3375	3711	3442	3572	3542	3784	20- 30	1923	3889	45.5,45.5
40	2429	2431	2096	2406	2182	2249	2224	2565	30- 40	1856	5745	67.2,67.2
50	1486	1338	1030	1373	1292	1209	1062	1420	40- 50	1371	7116	83.2,83.2
60	700.1	620.7	441.1	630.0	561.8	568.5	440.4	682.9	50- 60	812.0	7928	92.7,92.7
70	257.9	263.9	168.4	227.0	199.8	219.1	202.1	276.3	60- 70	376.8	8305	97.1,97.1
80	75.84	43.55	9.413	24.84	43.57	44.64	38.87	68.46	70- 80	128.3	8433	98.6,98.6
90	3.080	1.819	1.603	2.195	1.969	1.981	1.430	3.114	80- 90	15.97	8449	98.8,98.8
100	3.758	3.628	3.551	4.595	4.421	3.845	2.928	3.450	90-100	2.975	8452	98.8,98.8
110	7.346	7.083	7.194	8.779	8.572	7.560	6.194	6.859	100-110	5.800	8458	98.9,98.9
120	12.72	12.35	12.86	14.67	14.73	13.08	11.47	12.11	110-120	10.01	8468	99,99
130	19.51	19.05	20.20	21.92	22.26	19.84	18.40	18.82	120-130	14.72	8483	99.2,99.2
140	26.64	26.34	28.34	29.61	29.77	27.04	26.12	26.27	130-140	18.40	8501	99.4,99.4
150	33.02	33.47	35.82	36.72	36.24	33.68	33.41	33.39	140-150	19.52	8521	99.6,99.6
160	37.95	39.07	40.80	41.93	41.14	39.17	38.91	39.31	150-160	17.30	8538	99.8,99.8
170	42.99	43.43	45.90	45.82	45.68	43.51	44.26	44.04	160-170	11.96	8550	99.9,99.9
180	50.33	47.91	50.24	49.54	50.34	47.93	50.27	49.54	170-180	4.429	8554	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

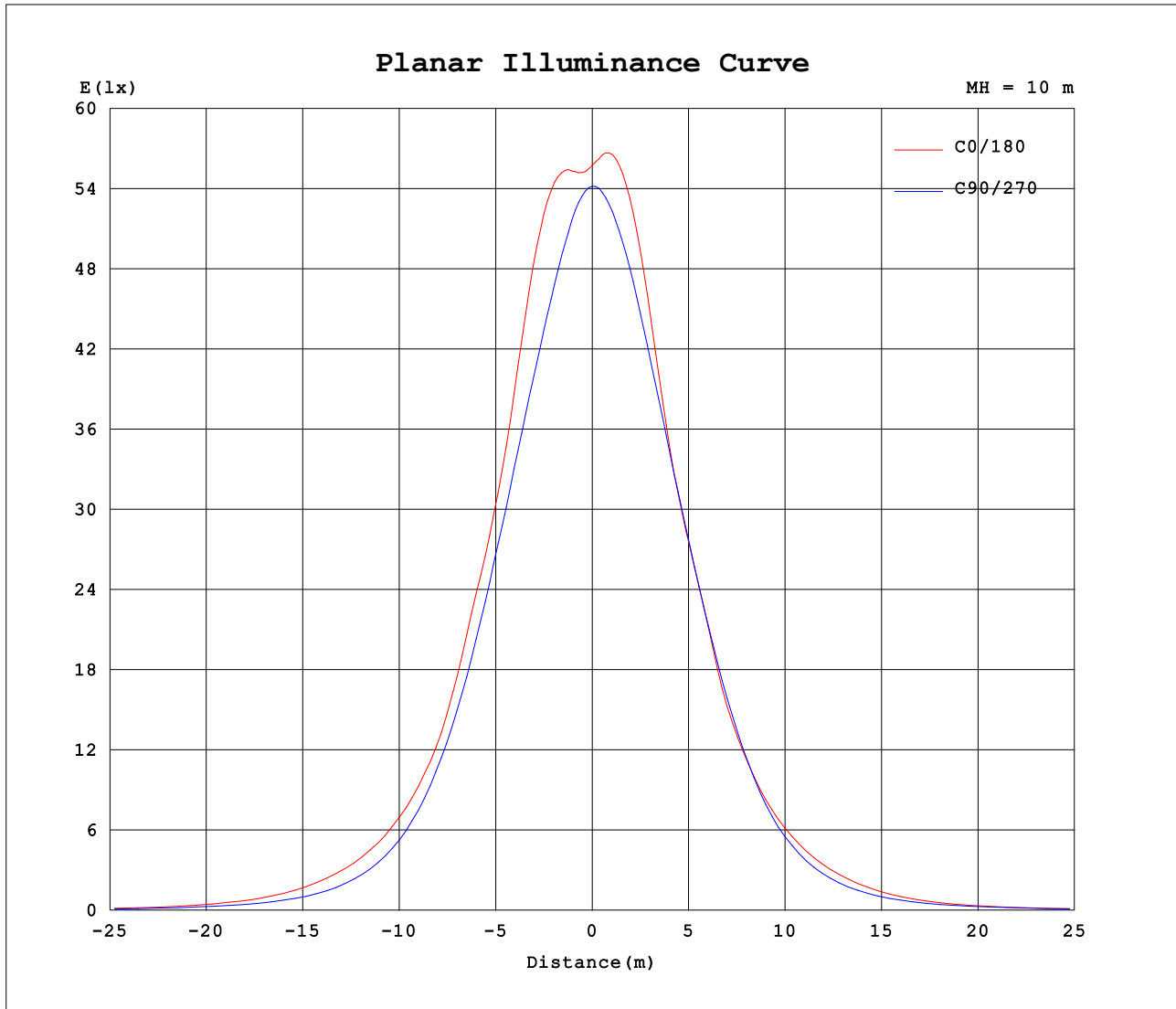
Test:U:119.14V I:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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



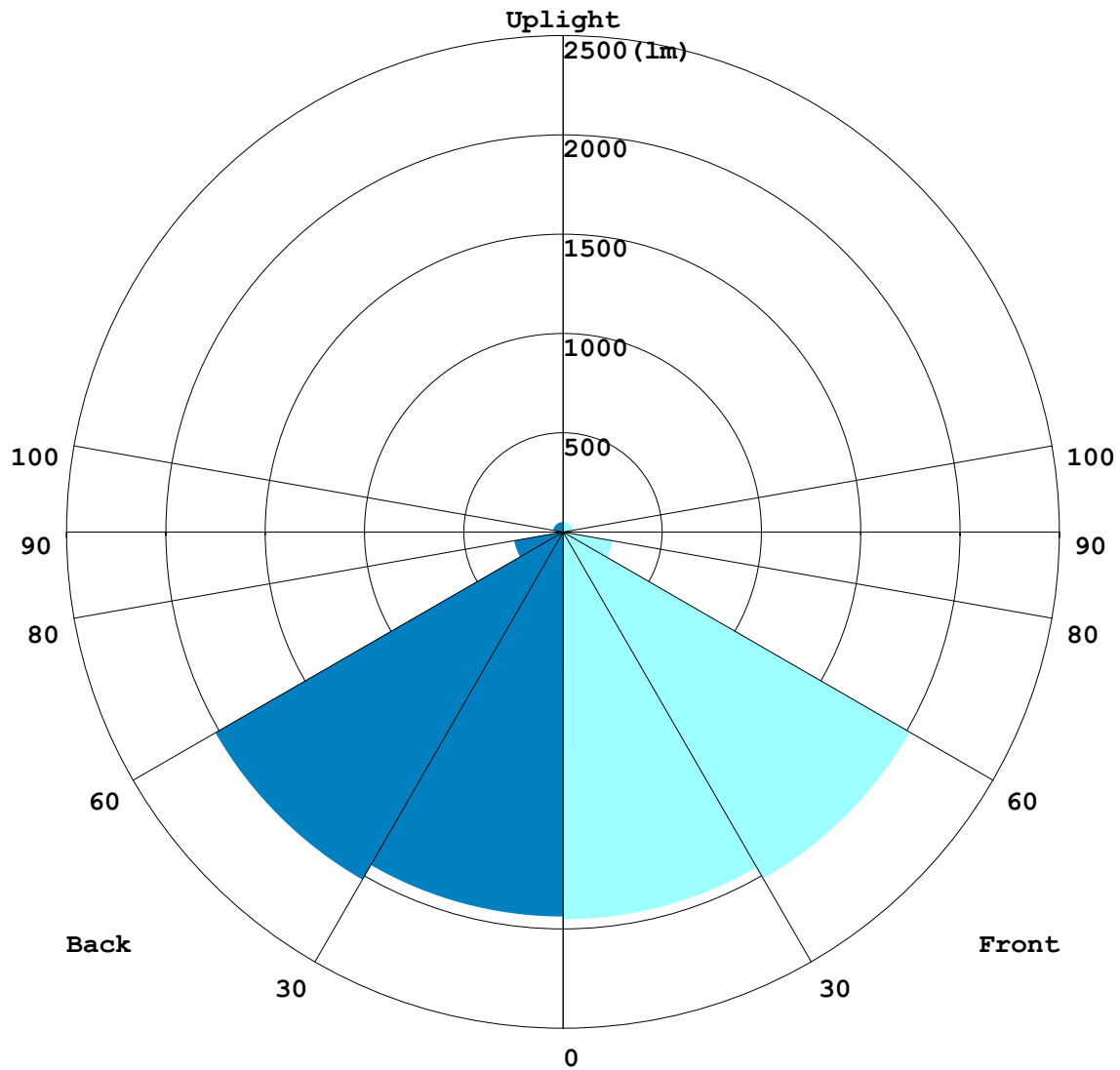
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-10-28

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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 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)	1951.7	22.8
FM - Front-Medium(30-60)	2017	23.6
FH - Front-High(60-80)	254.29	3.0
FVH - Front-Very High(80-90)	6.4187	0.1
Total Forward Light	4283.1	50.1

BL - Back-Low(0-30)	1937.2	22.6
BM - Back-Medium(30-60)	2022.3	23.6
BH - Back-High(60-80)	250.74	2.9
BVH - Back-Very High(80-90)	9.5478	0.1
Total Back Light	4271.4	49.9

UL - Uplight-Low(90-100)	2.9752	0.0
UH - Uplight-High(100-180)	102.14	1.2
Total Up Light	105.11	1.2

BUG (Back,Up,Glare) Rating	B3-U3-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4219.9	51.488	4271.4
Street Side	4229.5	53.625	4283.1

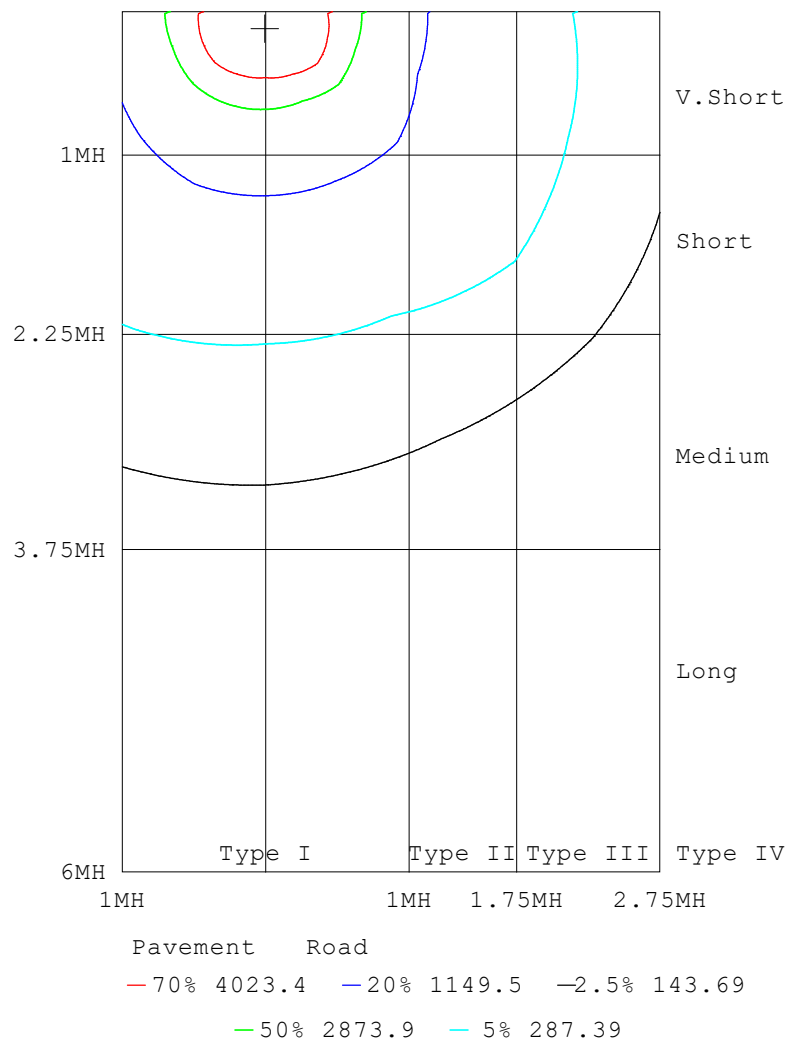
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-10-28

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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 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:0.5192A P:61.444W PF:0.9934 Freq:60.00Hz Lamp Flux:8554.47x1 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	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464	5464			
5	5482	5431	5361	5350	5344	5423	5591	5638	5622	5584	5527	5435	5392	5395	5424	5500			
10	5637	5531	5283	5146	5061	5235	5633	5717	5571	5503	5427	5281	5186	5268	5424	5593			
15	5541	5446	5090	4883	4726	4922	5407	5472	5200	5203	5172	5002	4868	5057	5262	5482			
20	5040	5057	4769	4559	4344	4553	4944	4840	4515	4609	4730	4604	4489	4722	4883	5101			
25	4339	4441	4308	4137	3897	4069	4354	4156	3919	3993	4134	4138	4059	4278	4343	4462			
30	3790	3868	3758	3589	3375	3464	3711	3538	3442	3476	3572	3577	3542	3744	3784	3918			
35	3126	3223	3131	2938	2753	2770	3021	2796	2725	2801	2888	2866	2913	3088	3218	3413			
40	2429	2561	2431	2278	2096	2091	2406	2245	2182	2273	2249	2150	2224	2386	2565	2761			
45	1935	2029	1858	1659	1502	1525	1871	1757	1709	1779	1683	1546	1575	1746	1948	2241			
50	1486	1543	1338	1164	1030	1073	1373	1335	1292	1330	1209	1066	1062	1214	1420	1727			
55	1082	1107	931	789	672	737	958	935	906	939	843	712	686	818	998	1271			
60	700	734	621	533	441	505	630	581	562	596	568	470	440	527	683	828			
65	418	456	419	351	289	332	396	341	330	359	365	312	296	345	453	439			
70	258	281	264	207	168	185	227	203	200	211	219	203	202	224	276	247			
75	156	163	128	100	74.1	81.1	96.5	109	111	110	110	116	121	128	87.4	146			
80	75.8	77.5	43.6	21.3	9.41	12.9	24.8	41.6	43.6	42.5	44.6	44.3	38.9	39.0	68.5	83.4			
85	23.5	19.8	4.87	1.17	1.08	1.40	2.98	6.44	8.37	7.84	9.17	7.79	4.93	14.2	22.1	25.9			
90	3.08	2.61	1.82	1.59	1.60	1.87	2.20	2.61	1.97	2.07	1.98	1.78	1.43	2.10	3.11	3.61			
95	2.53	2.54	2.49	2.35	2.40	2.76	3.24	3.84	3.01	2.98	2.64	2.27	1.93	2.04	2.47	2.53			
100	3.76	3.71	3.63	3.43	3.55	4.02	4.60	5.43	4.42	4.32	3.84	3.38	2.93	2.98	3.45	3.60			
105	5.33	5.25	5.15	4.94	5.12	5.75	6.46	7.24	6.24	6.06	5.47	4.93	4.32	4.36	4.94	5.07			
110	7.35	7.20	7.08	6.92	7.19	7.95	8.78	9.71	8.57	8.30	7.56	6.95	6.19	6.19	6.86	6.98			
115	9.83	9.60	9.50	9.40	9.79	10.6	11.5	12.8	11.5	11.0	10.1	9.46	8.56	8.52	9.25	9.39			
120	12.7	12.5	12.3	12.4	12.9	13.8	14.7	16.2	14.7	14.1	13.1	12.4	11.5	11.3	12.1	12.3			
125	16.0	15.7	15.6	15.8	16.4	17.2	18.2	20.0	18.4	17.6	16.3	15.6	14.8	14.5	15.3	15.6			
130	19.5	19.2	19.0	19.5	20.2	21.0	21.9	24.0	22.3	21.2	19.8	19.1	18.4	18.0	18.8	19.1			
135	23.1	22.8	22.7	23.4	24.3	25.0	25.8	28.1	26.1	25.0	23.5	22.8	22.2	21.7	22.5	22.9			
140	26.6	26.5	26.3	27.4	28.3	29.0	29.6	31.9	29.8	28.7	27.0	26.6	26.1	25.7	26.3	26.6			
145	29.9	30.0	30.0	31.2	32.3	32.9	33.2	35.2	33.1	32.1	30.5	30.3	30.0	29.5	29.9	30.3			
150	33.0	33.2	33.5	34.8	35.8	36.4	36.7	38.5	36.2	35.4	33.7	33.6	33.4	33.1	33.4	33.8			
155	35.7	36.2	36.5	38.0	38.6	39.3	39.5	41.6	39.0	38.4	36.5	36.6	36.3	36.1	36.5	37.3			
160	38.0	38.9	39.1	40.6	40.8	41.9	41.9	43.6	41.1	40.6	39.2	39.6	38.9	38.8	39.3	40.5			
165	40.4	41.2	41.3	42.7	43.5	44.3	44.0	45.1	43.2	42.4	41.4	42.3	41.4	41.1	41.7	43.1			
170	43.0	43.7	43.4	44.8	45.9	46.1	45.8	46.1	45.7	44.3	43.5	44.9	44.3	43.5	44.0	45.4			
175	46.6	46.9	46.3	47.3	48.5	48.7	48.3	48.6	48.7	46.7	45.9	47.4	47.4	46.4	46.6	47.9			
180	50.3	49.0	47.9	49.6	50.2	49.3	49.5	50.4	50.3	49.0	47.9	49.5	50.3	49.3	49.5	50.4			

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: