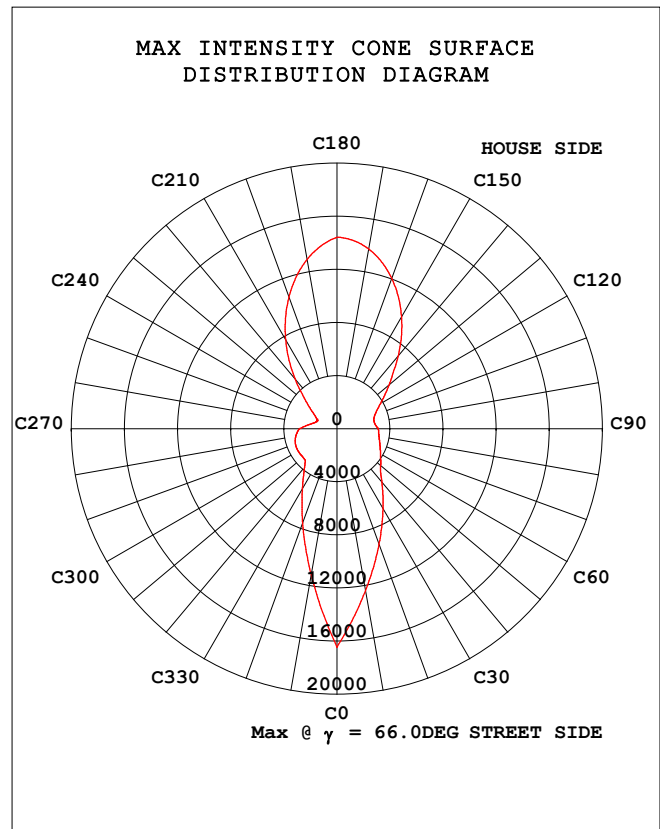
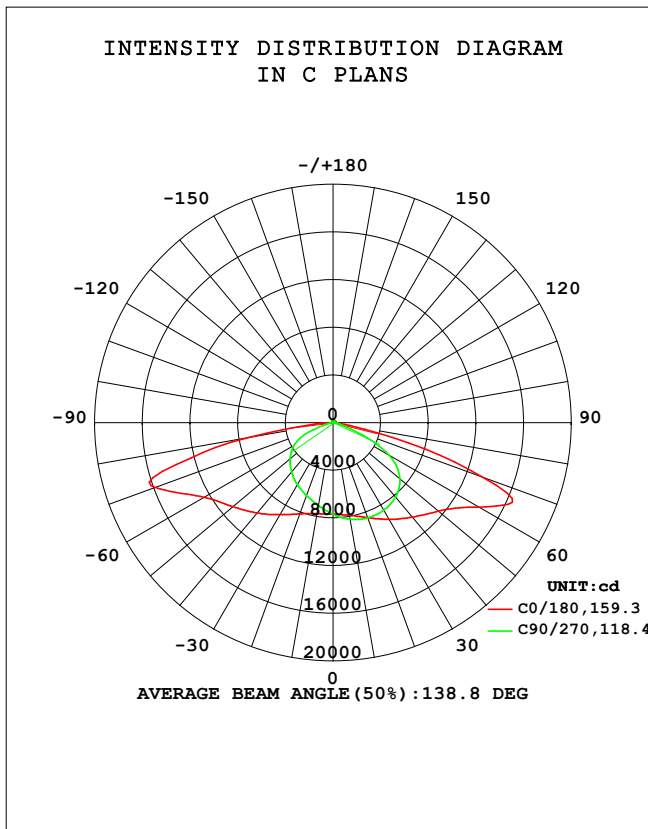


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 182.18 lm/W			
MODEL		Imax (cd)	16463	η street_up (%)	1.5
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	55.9
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	36614	η house_up (%)	0.8
NOMINAL FLUX (lm)	36613.9	MAXIMUM @ (C, γ)	0,66.0	η house_down (%)	41.8
LAMPS INSIDE	1	η up (%)	2.3	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	97.7	SLI	21.528

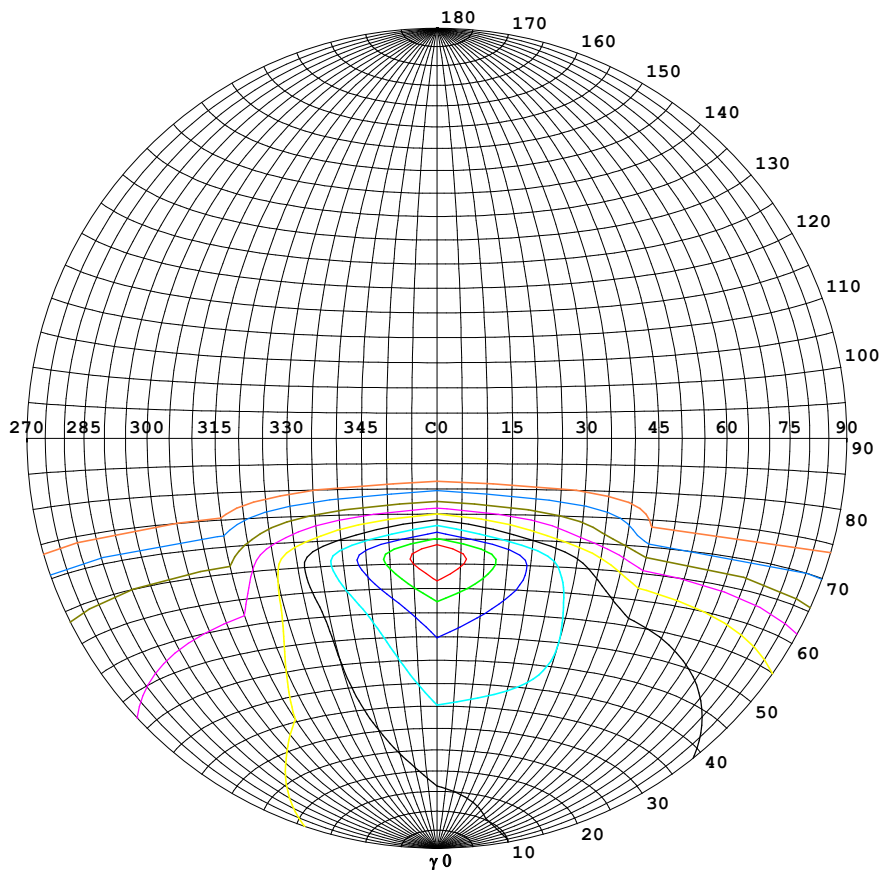


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



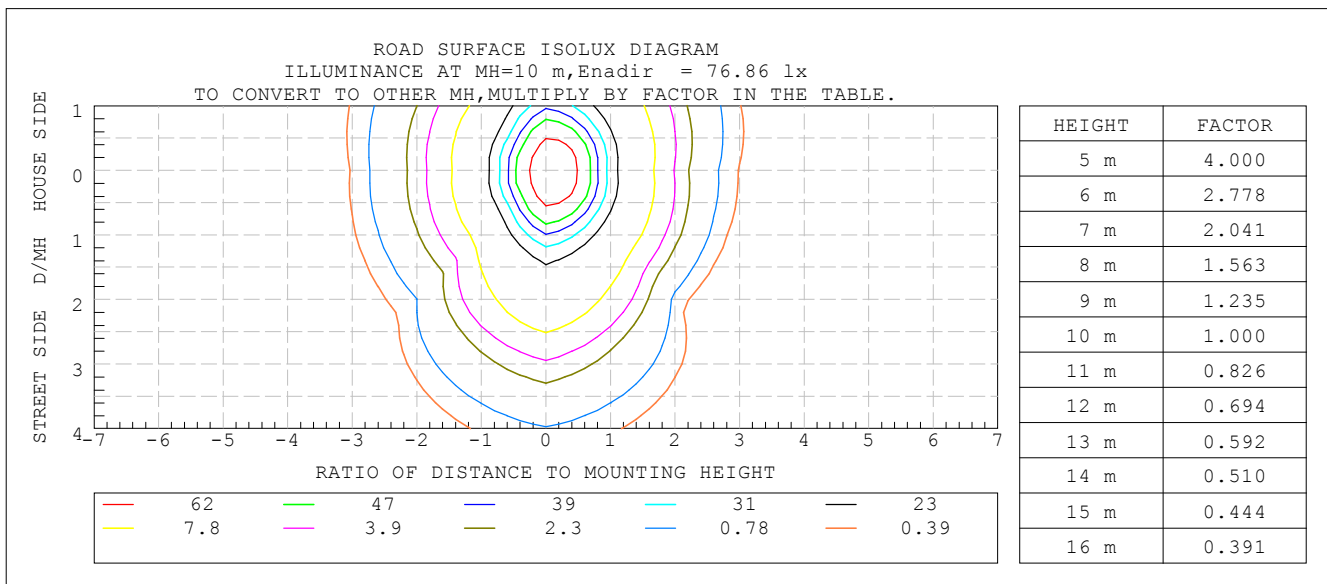
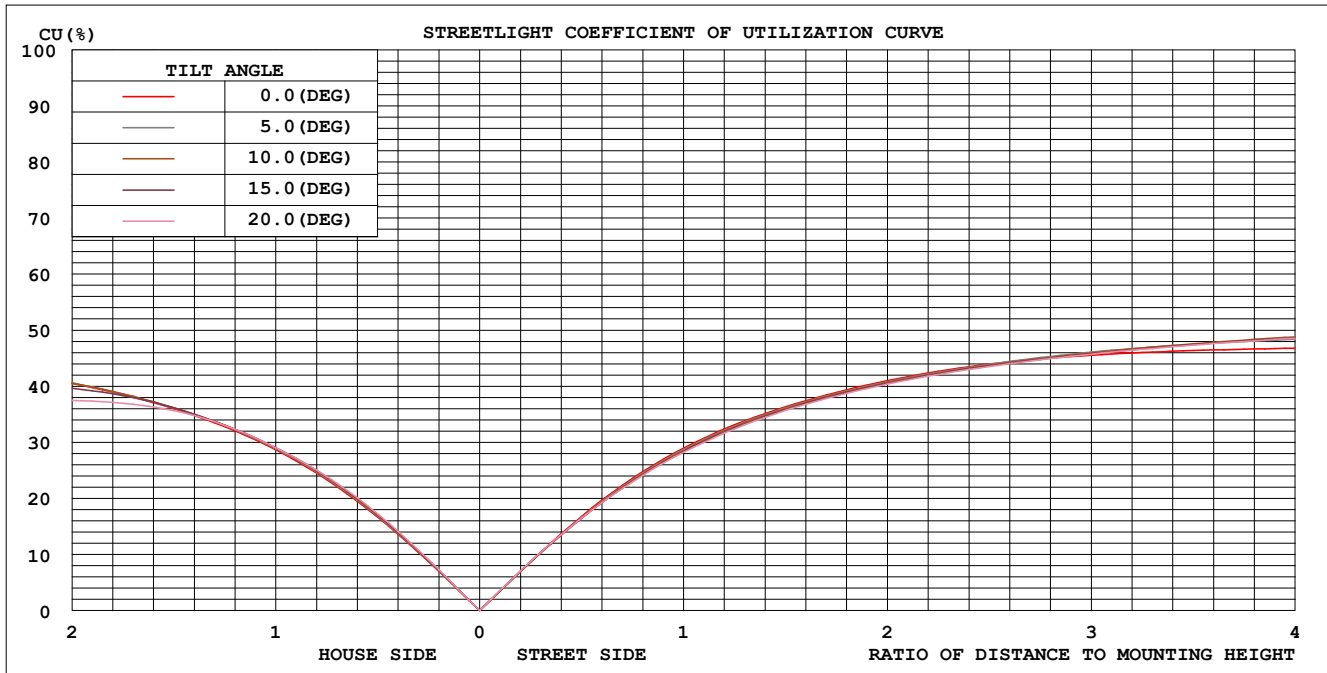
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:195.2cd/klm
Max.At90:6.823cd/klm
Max.80-90:195.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	16463
90%	14817
80%	13170
70%	11524
60%	9878
50%	8231
40%	6585
30%	4939
20%	3293
10%	1646
5%	823

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

gamma Range: 0 - 180DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

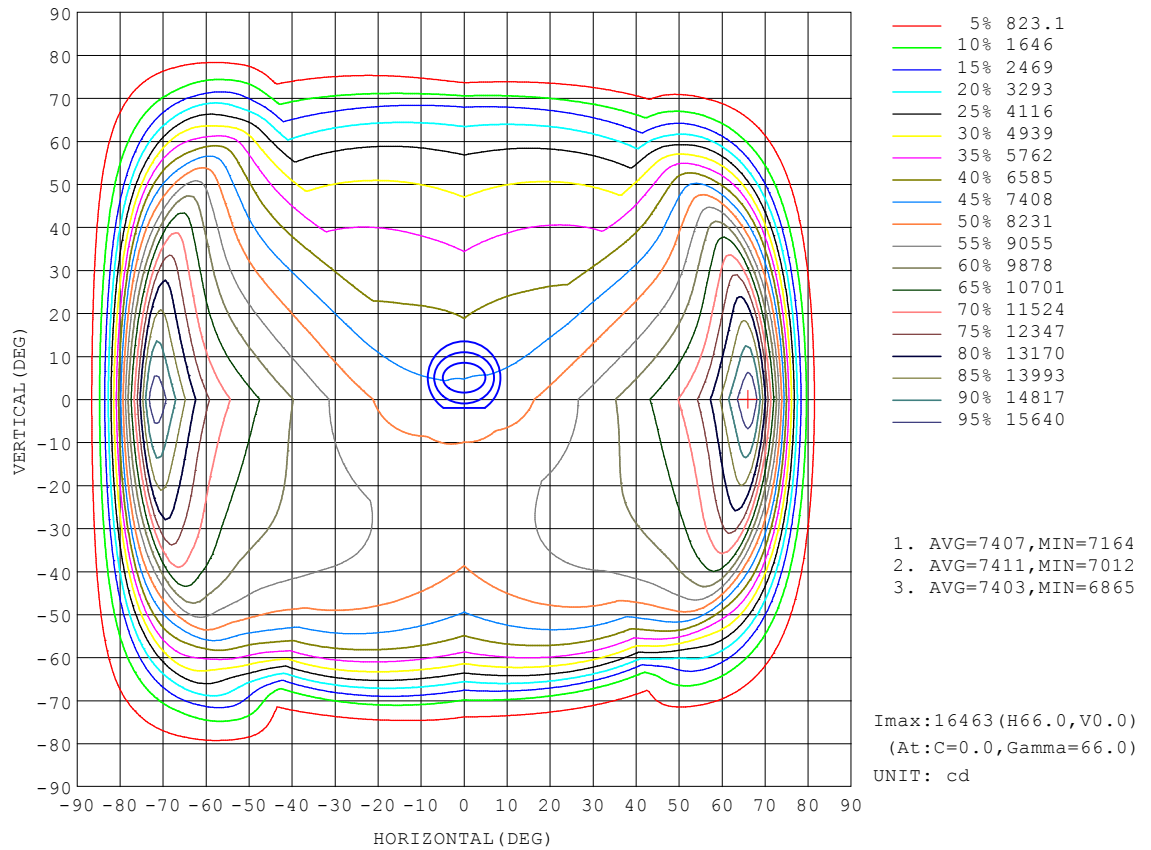
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	789.9	821.6	823.3	813.7	776.6	724.4	707.2	734.0	0- 10	736.6	736.6	2.01,2.01
20	849.6	876.5	851.9	858.9	815.5	690.6	653.0	706.9	10- 20	2213	2950	8.06,8.06
30	938.0	921.7	850.0	899.8	892.5	661.0	600.5	676.9	20- 30	3689	6639	18.1,18.1
40	1035	941.1	816.8	923.3	990.9	626.7	540.5	637.6	30- 40	5096	11735	32.1,32.1
50	1156	903.5	734.7	902.5	1098	566.6	471.3	566.3	40- 50	6266	18001	49.2,49.2
60	1419	734.6	539.4	785.6	1253	467.2	375.7	453.3	50- 60	6991	24991	68.3,68.3
70	1329	193.4	161.3	374.5	1592	281.7	182.1	225.3	60- 70	6761	31752	86.7,86.7
80	147.2	43.48	44.54	60.12	714.8	50.65	21.00	27.55	70- 80	3465	35217	96.2,96.2
90	24.98	16.08	13.08	17.57	19.15	7.632	6.704	9.740	80- 90	546.5	35764	97.7,97.7
100	20.51	14.00	10.27	12.72	11.80	7.714	7.552	11.67	90-100	137.7	35901	98.1,98.1
110	18.76	14.35	9.820	11.52	13.33	9.325	9.388	14.51	100-110	129.6	36031	98.4,98.4
120	16.95	14.88	10.18	11.15	14.19	11.21	11.43	15.38	110-120	128.2	36159	98.8,98.8
130	16.61	15.00	10.73	11.14	15.50	12.57	12.78	15.74	120-130	120.3	36280	99.1,99.1
140	16.29	15.44	11.37	11.75	17.84	14.48	14.18	16.59	130-140	110.3	36390	99.4,99.4
150	16.13	15.89	12.09	12.59	17.62	15.56	15.33	16.34	140-150	94.16	36484	99.6,99.6
160	16.35	16.03	13.73	13.34	16.81	15.88	15.75	15.77	150-160	71.00	36555	99.8,99.8
170	16.24	16.17	14.67	14.06	16.39	16.04	15.76	15.22	160-170	43.96	36599	100,100
180	16.25	16.19	15.34	14.71	16.33	16.13	15.39	14.67	170-180	14.88	36614	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.250m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

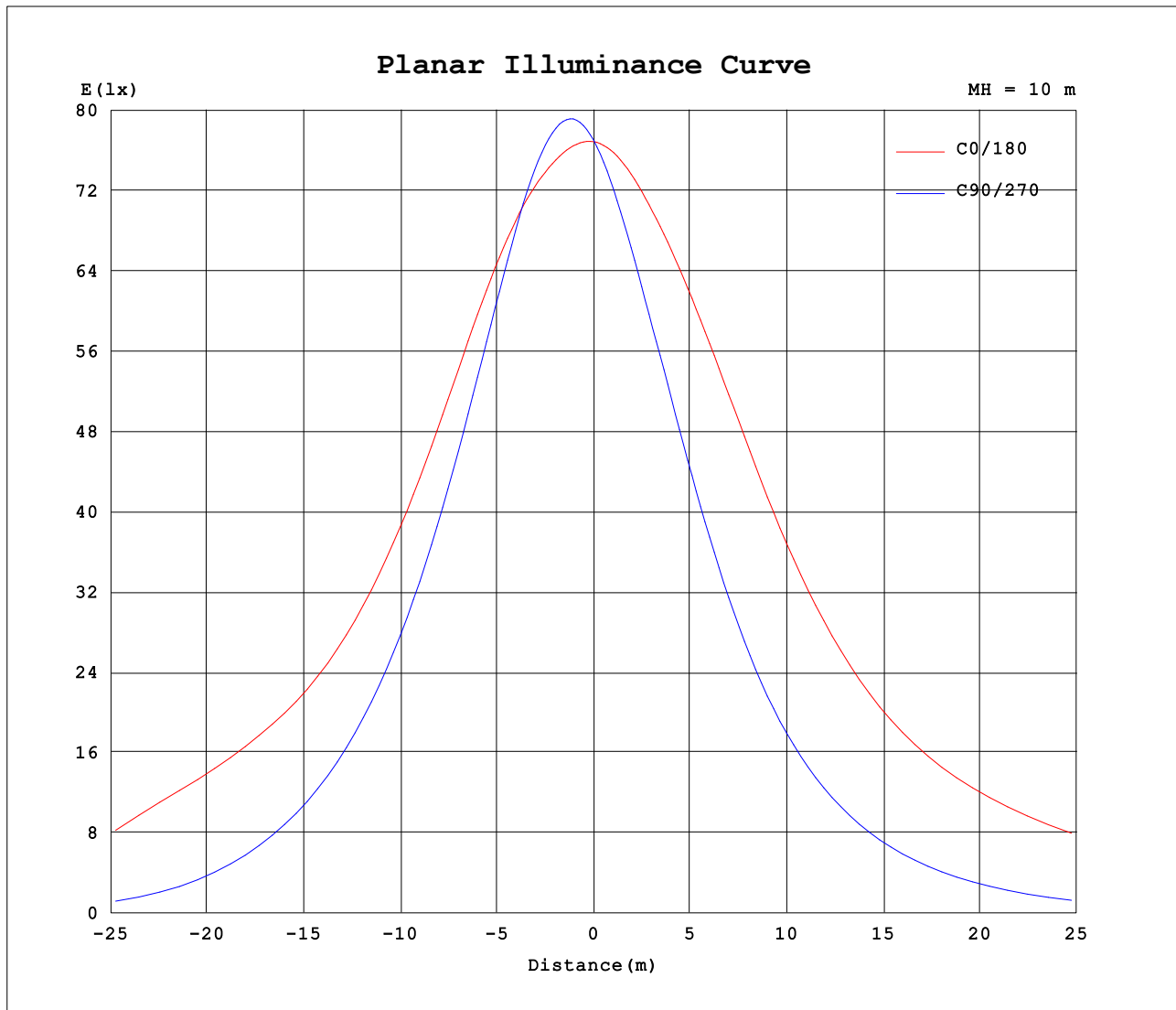
Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve



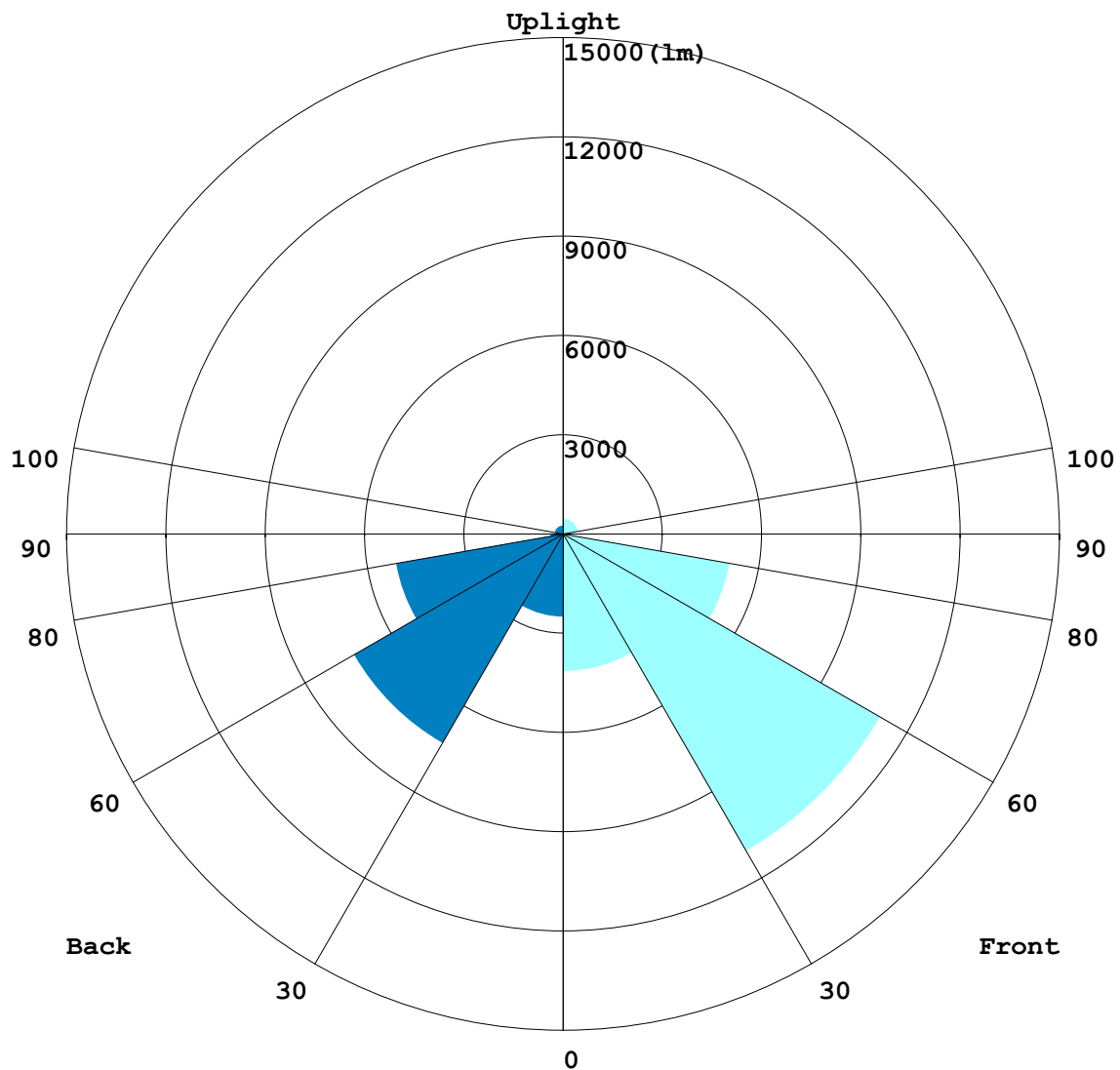
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

LCS REPORT

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

BUG REPORT

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4140.7	11.3
FM - Front-Medium(30-60)	11057	30.2
FH - Front-High(60-80)	5107	13.9
FVH - Front-Very High(80-90)	165.17	0.5
Total Forward Light	21019	57.4

BL - Back-Low(0-30)	2498.3	6.8
BM - Back-Medium(30-60)	7295.3	19.9
BH - Back-High(60-80)	5119	14.0
BVH - Back-Very High(80-90)	381.3	1.0
Total Back Light	15595	42.6

UL - Uplight-Low(90-100)	137.69	0.4
UH - Uplight-High(100-180)	712.43	1.9
Total Up Light	850.12	2.3

BUG (Back,Up,Glare) Rating	B5-U4-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15294	301.33	15595
Street Side	20470	548.79	21019

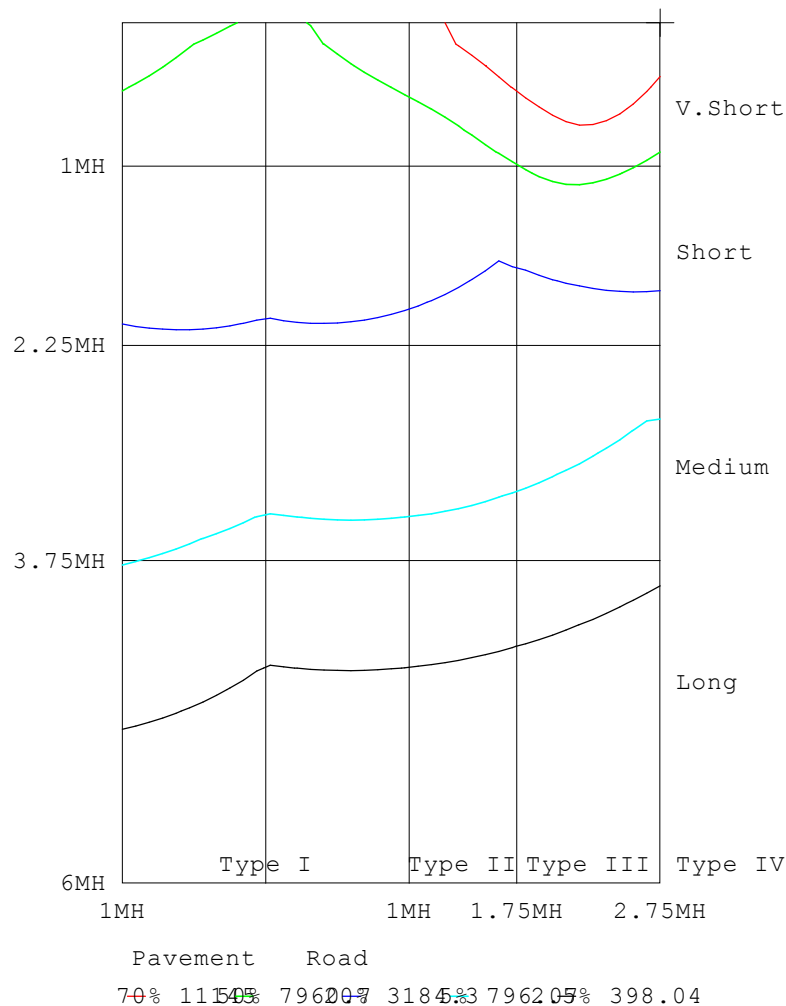
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2025-05-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.250m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.39V I:0.9417A P:200.98W PF:0.9772 Freq:49.99Hz Lamp Flux:36613.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	769	768	770	770	769	768	770	770										
5	775	794	799	791	770	745	739	751										
10	790	822	823	814	777	724	707	734										
15	815	849	841	836	791	706	678	719										
20	850	876	852	859	815	691	653	707										
25	891	901	854	881	850	675	627	694										
30	938	922	850	900	892	661	601	677										
35	986	936	838	915	941	645	572	660										
40	1035	941	817	923	991	627	541	638										
45	1091	931	784	920	1042	601	508	606										
50	1156	903	735	902	1098	567	471	566										
55	1252	847	658	863	1161	523	428	516										
60	1419	735	539	786	1253	467	376	453										
65	1622	527	354	643	1406	390	303	361										
70	1329	193	161	374	1592	282	182	225										
75	655	72.7	73.2	104	1363	150	59.3	88.7										
80	147	43.5	44.5	60.1	715	50.6	21.0	27.5										
85	28.2	23.4	23.3	33.3	151	15.0	8.37	11.1										
90	25.0	16.1	13.1	17.6	19.2	7.63	6.70	9.74										
95	22.6	14.7	11.0	13.8	12.8	7.38	6.99	10.2										
100	20.5	14.0	10.3	12.7	11.8	7.71	7.55	11.7										
105	19.4	13.9	9.90	12.0	12.4	8.35	8.32	13.5										
110	18.8	14.3	9.82	11.5	13.3	9.33	9.39	14.5										
115	17.8	14.8	9.98	11.3	13.8	10.3	10.5	15.1										
120	17.0	14.9	10.2	11.2	14.2	11.2	11.4	15.4										
125	16.6	14.9	10.4	11.1	14.7	11.9	12.2	15.4										
130	16.6	15.0	10.7	11.1	15.5	12.6	12.8	15.7										
135	16.5	15.2	11.1	11.4	16.8	13.4	13.4	16.3										
140	16.3	15.4	11.4	11.7	17.8	14.5	14.2	16.6										
145	16.0	15.7	11.6	12.2	17.9	15.2	14.9	16.5										
150	16.1	15.9	12.1	12.6	17.6	15.6	15.3	16.3										
155	16.3	16.0	12.9	13.0	17.2	15.8	15.6	16.1										
160	16.3	16.0	13.7	13.3	16.8	15.9	15.7	15.8										
165	16.3	16.1	14.2	13.7	16.5	16.0	15.8	15.5										
170	16.2	16.2	14.7	14.1	16.4	16.0	15.8	15.2										
175	16.2	16.2	15.0	14.4	16.3	16.1	15.6	14.9										
180	16.3	16.2	15.3	14.7	16.3	16.1	15.4	14.7										

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-05-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks: