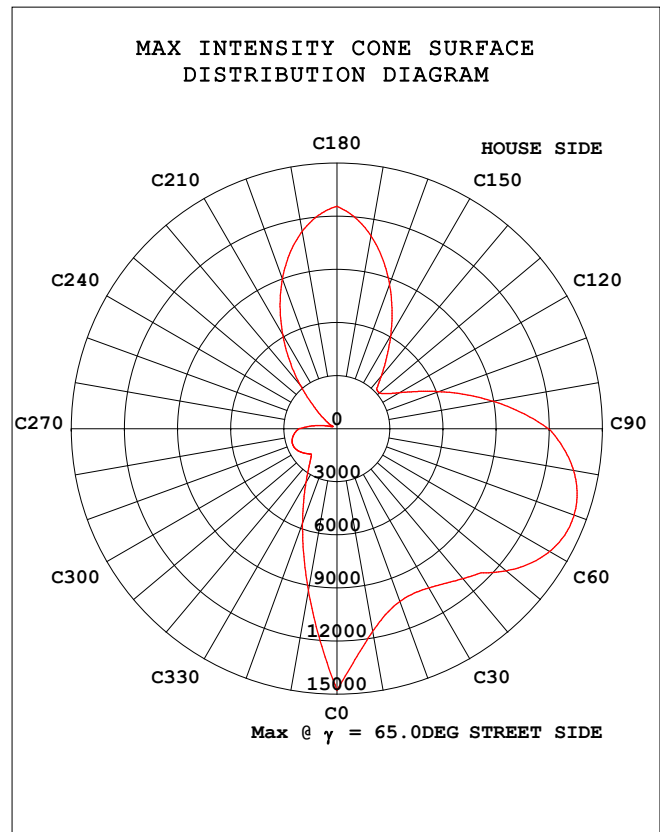
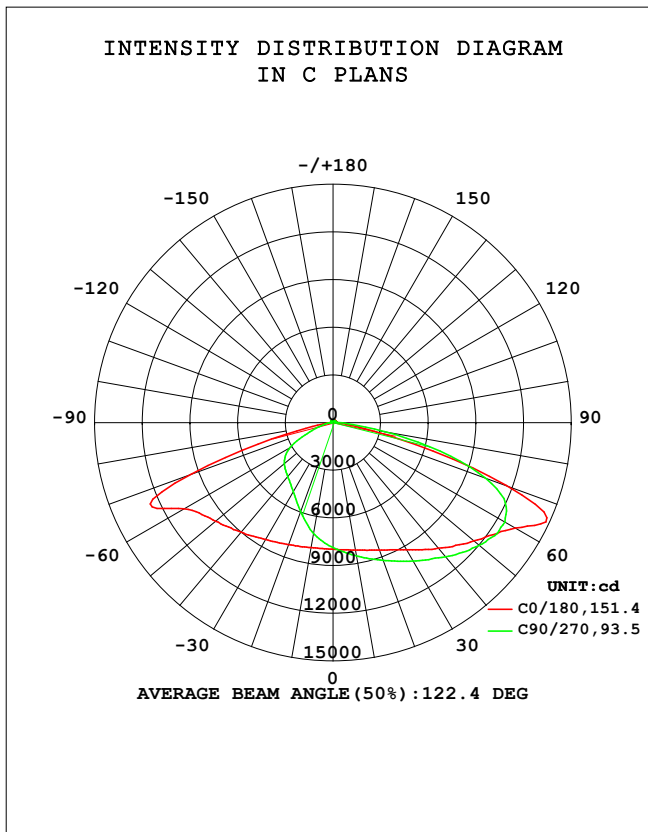


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.73 lm/W			
MODEL		I _{max} (cd)	14780	η street_up (%)	1.6
NOMINAL POWER (W)	300W	LOR (%)	100.0	η street_down (%)	65.2
RATED VOLTAGE (V)		TOTAL FLUX (lm)	37314	η house_up (%)	0.8
NOMINAL FLUX (lm)	37313.7	MAXIMUM @ (C, γ)	0,65.0	η house_down (%)	32.4
LAMPS INSIDE	1	η up (%)	2.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	97.6	SLI	21.593

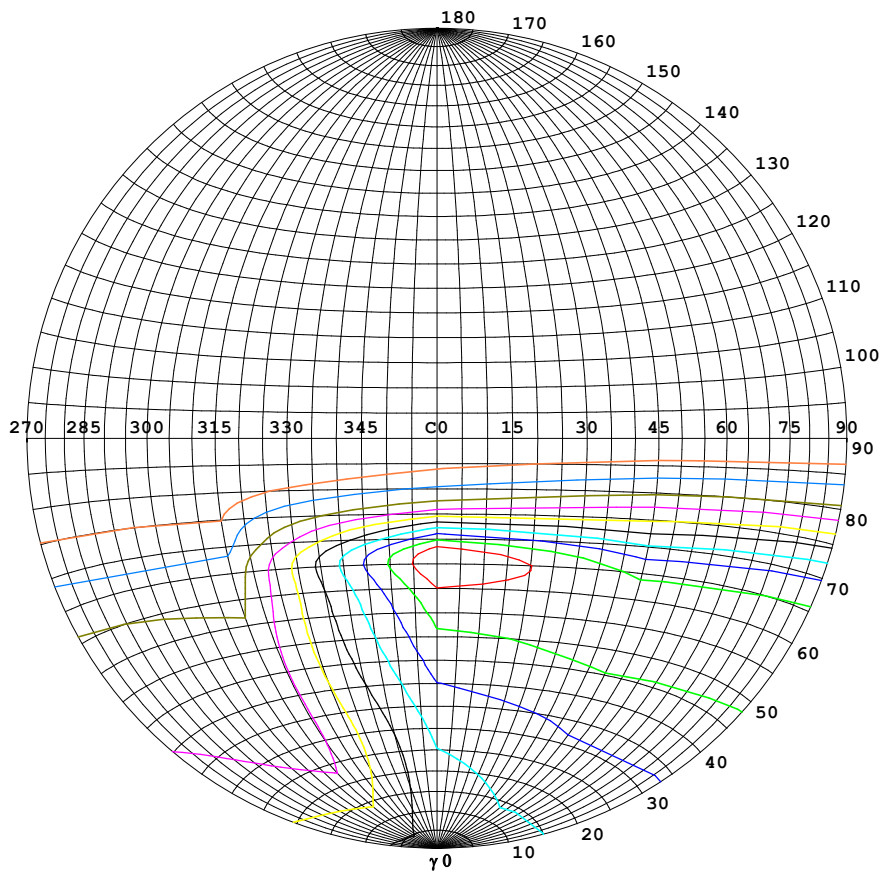


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



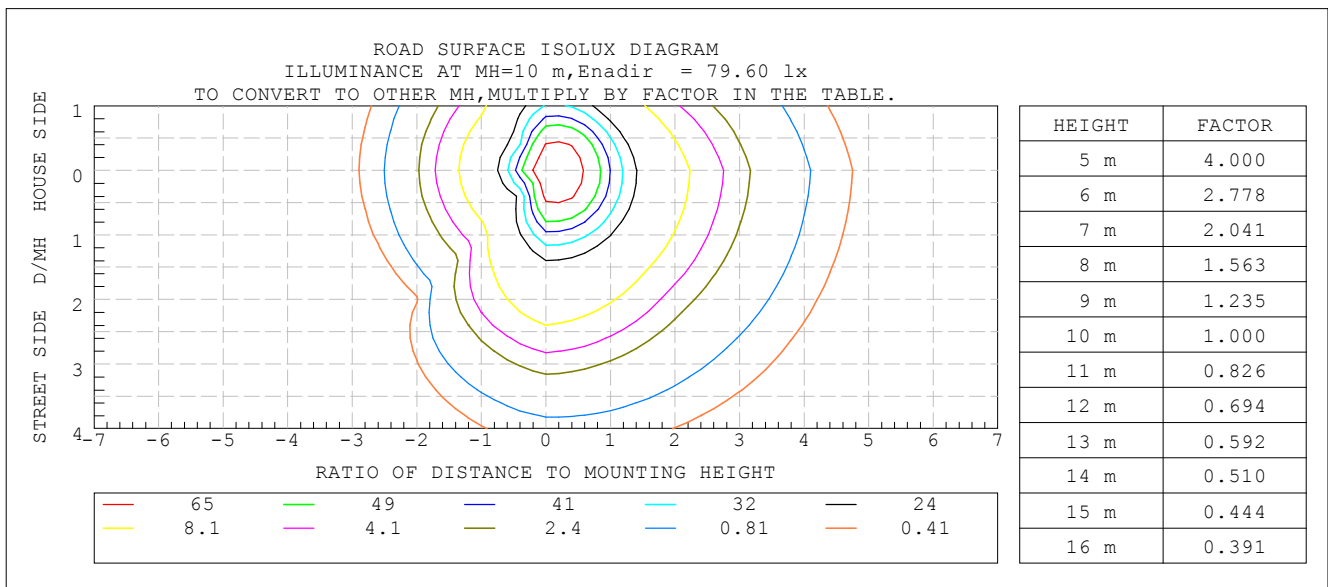
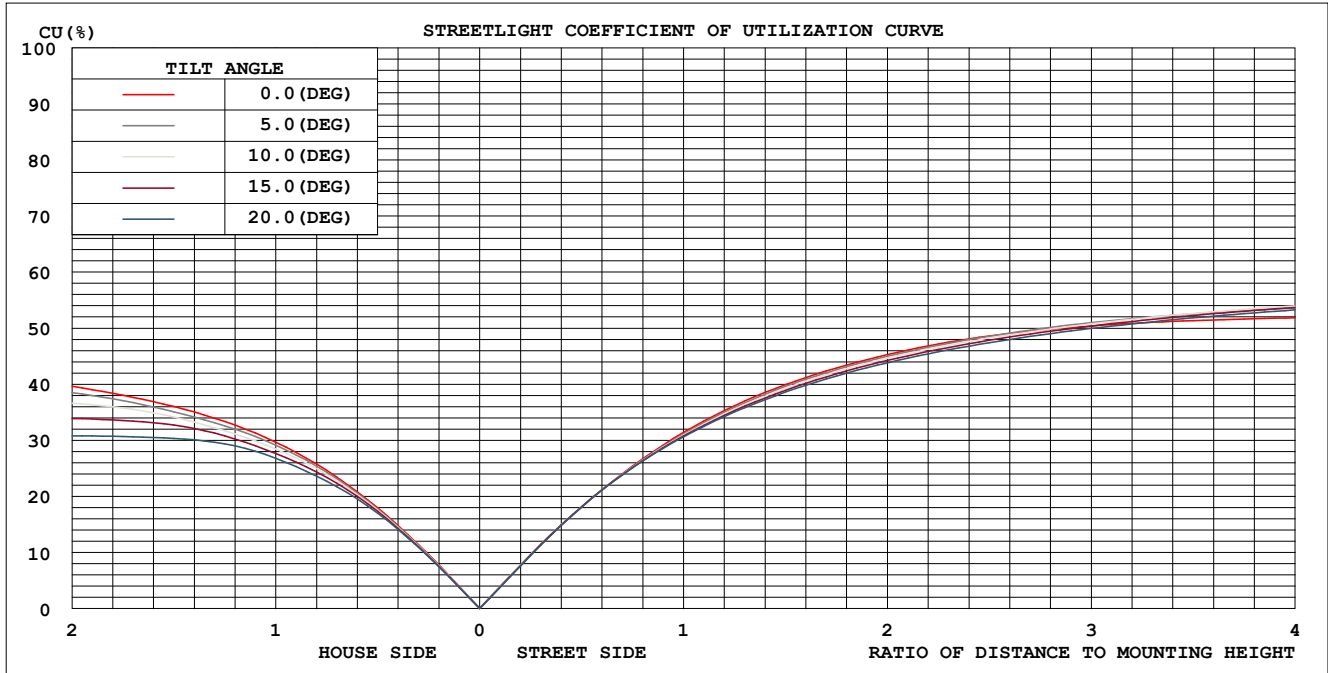
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:88.49cd/klm
Max.At90:9.458cd/klm
Max.80-90:88.49cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14780
90%	13302
80%	11824
70%	10346
60%	8868
50%	7390
40%	5912
30%	4434
20%	2956
10%	1478
5%	739

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

gamma Range: 0 - 180DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [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: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

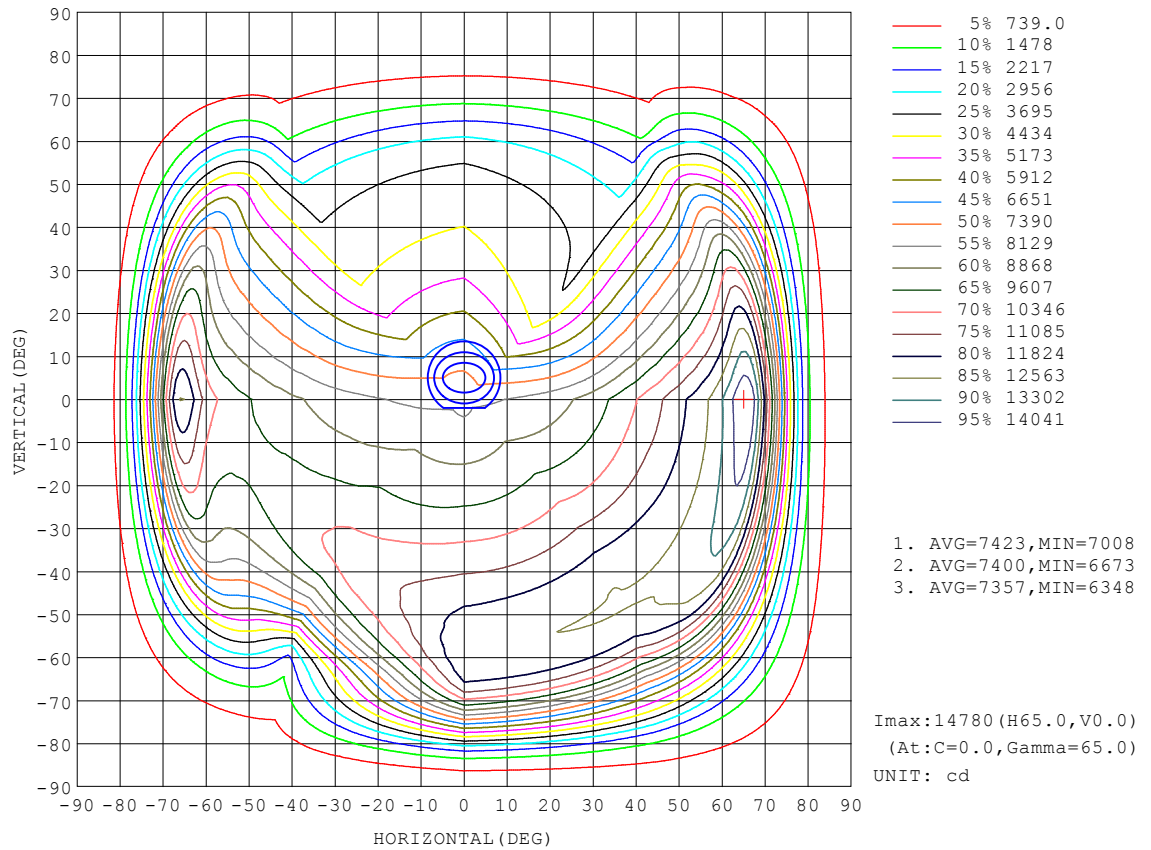
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	814.4	861.7	851.5	851.9	798.8	707.1	708.3	658.2	0- 10	750.6	750.6	2.01,2.01
20	853.5	932.5	922.8	908.2	817.2	581.7	596.4	481.6	10- 20	2183	2933	7.86,7.86
30	924.4	1015	1006	976.6	849.2	479.0	502.6	380.9	20- 30	3524	6458	17.3,17.3
40	1032	1121	1102	1042	899.7	419.2	444.1	360.4	30- 40	4921	11379	30.5,30.5
50	1158	1222	1202	987.0	965.2	374.1	401.2	337.3	40- 50	6359	17738	47.5,47.5
60	1327	1240	1250	623.2	1086	287.5	311.7	260.5	50- 60	7363	25101	67.3,67.3
70	1159	899.3	1022	164.3	951.2	122.0	129.1	110.2	60- 70	7207	32308	86.6,86.6
80	165.1	276.1	330.2	65.83	101.5	40.10	43.46	43.66	70- 80	3473	35781	95.9,95.9
90	28.61	35.26	35.29	18.60	14.04	12.45	13.88	12.41	80- 90	628.7	36410	97.6,97.6
100	19.60	17.85	18.28	11.64	13.19	10.10	10.70	8.159	90-100	173.1	36583	98,98
110	18.28	13.98	14.25	9.863	15.37	11.17	11.37	9.858	100-110	139.4	36722	98.4,98.4
120	16.29	13.96	14.25	9.201	16.18	12.74	12.86	11.86	110-120	130.9	36853	98.8,98.8
130	15.06	13.82	13.98	9.205	17.40	14.71	14.89	13.19	120-130	122.8	36976	99.1,99.1
140	15.67	14.15	14.26	9.775	18.62	16.34	16.49	14.27	130-140	112.2	37088	99.4,99.4
150	16.45	14.70	14.63	10.77	18.03	16.71	16.71	15.41	140-150	95.62	37184	99.7,99.7
160	16.20	15.11	14.95	12.02	17.05	16.42	16.37	15.47	150-160	71.54	37255	99.8,99.8
170	16.03	15.25	15.03	13.13	16.61	15.89	15.89	14.76	160-170	43.66	37299	100,100
180	16.10	15.57	15.30	14.05	16.33	15.39	15.45	13.93	170-180	14.59	37314	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

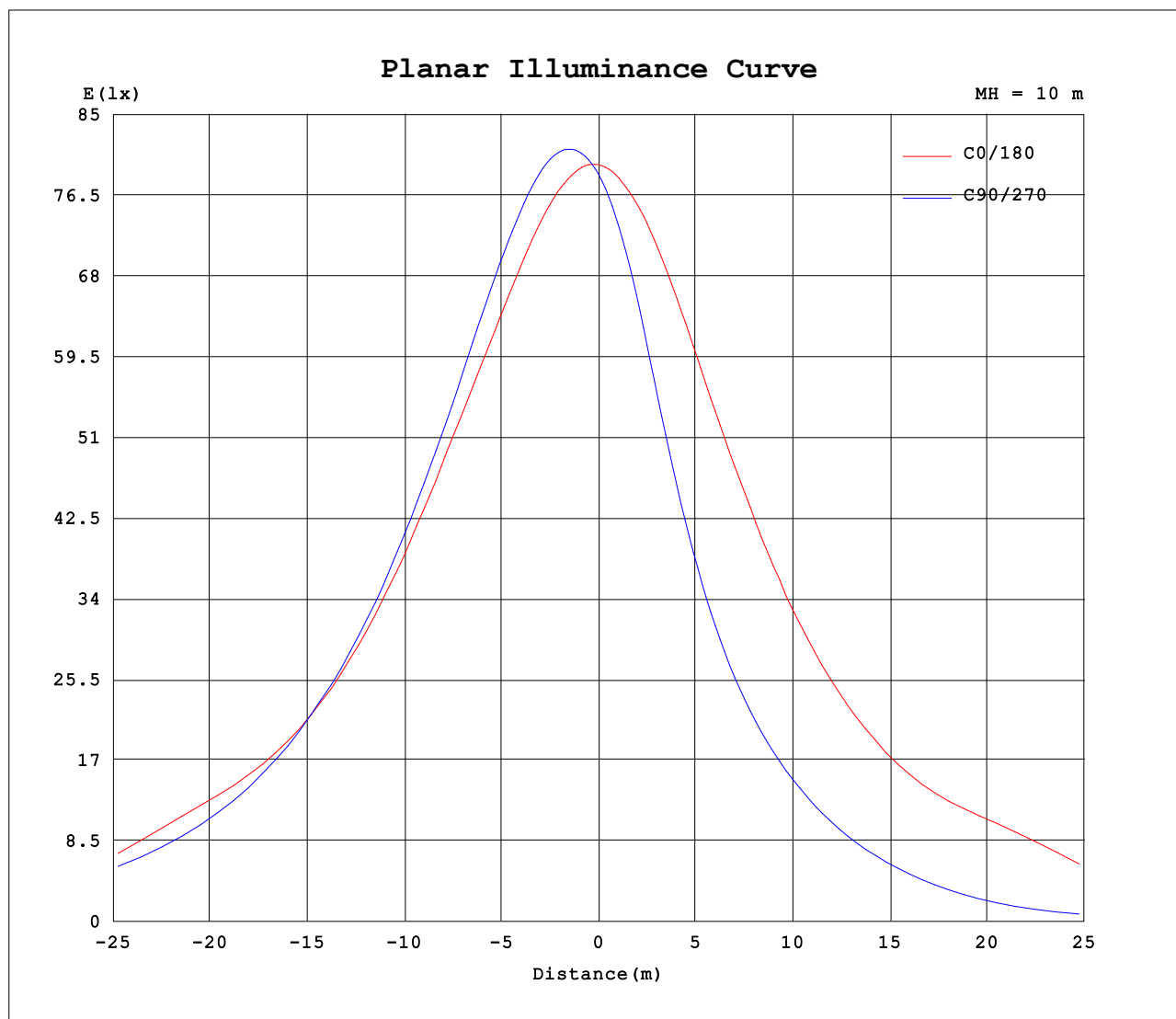
Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



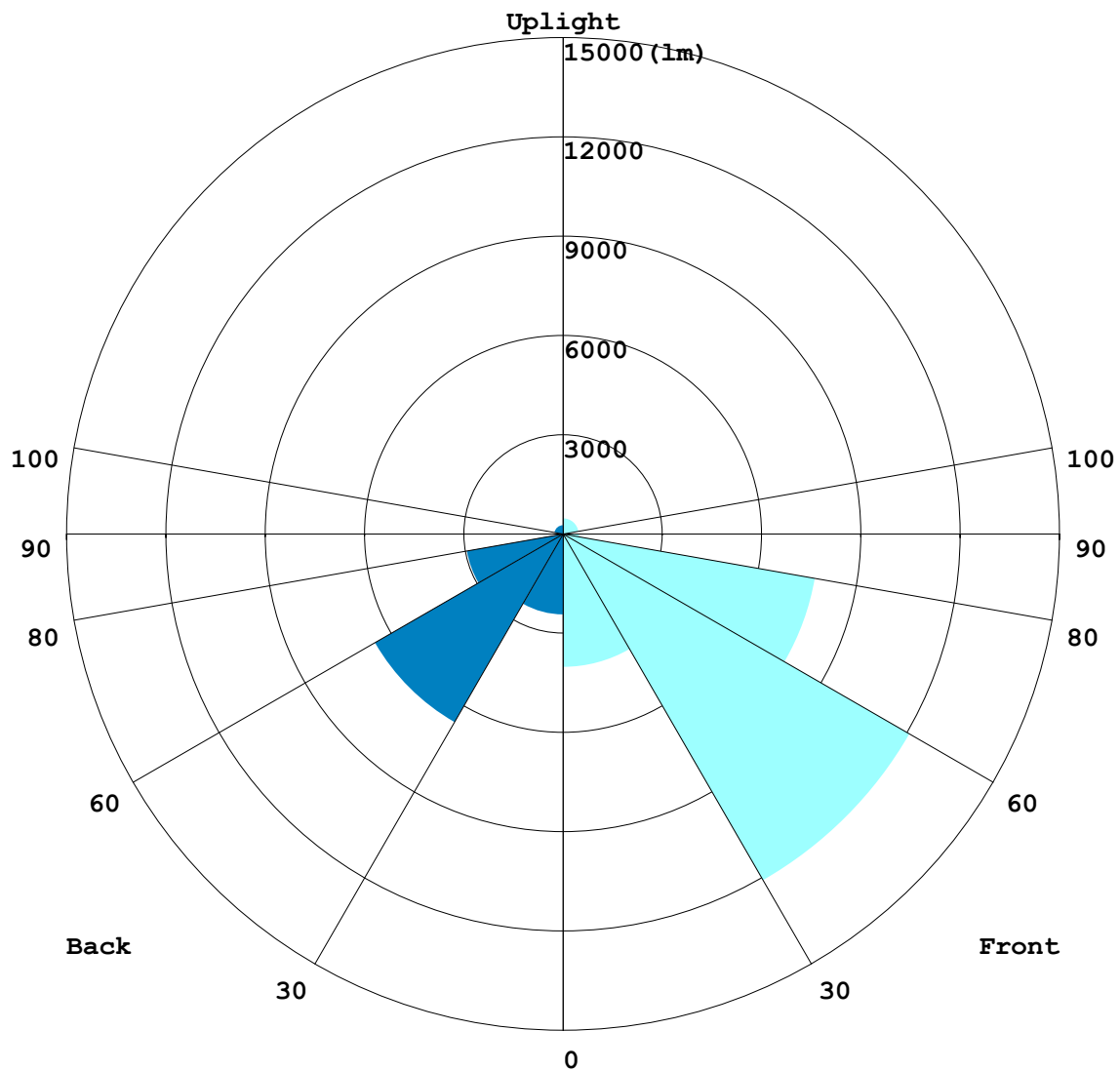
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LCS REPORT

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 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:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

BUG REPORT

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 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)	4019.3	10.8
FM - Front-Medium(30-60)	12082	32.4
FH - Front-High(60-80)	7730.2	20.7
FVH - Front-Very High(80-90)	488.3	1.3
Total Forward Light	24909	66.8

BL - Back-Low(0-30)	2438.4	6.5
BM - Back-Medium(30-60)	6561.7	17.6
BH - Back-High(60-80)	2949.9	7.9
BVH - Back-Very High(80-90)	140.39	0.4
Total Back Light	12405	33.2

UL - Uplight-Low(90-100)	173.06	0.5
UH - Uplight-High(100-180)	730.78	2.0
Total Up Light	903.83	2.4

BUG(Back,Up,Glare) Rating	B4-U4-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12090	314.23	12405
Street Side	24319	589.6	24909

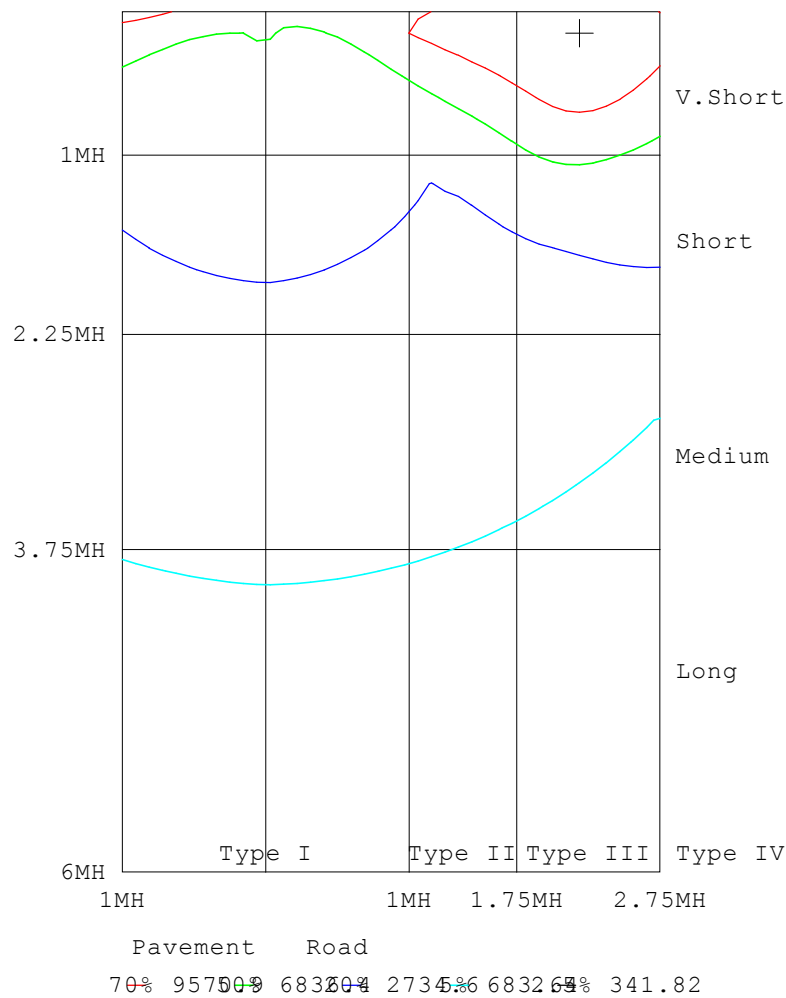
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 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:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.47V I:1.4008A P:301.57W PF:0.9854 Freq:49.99Hz Lamp Flux:37313.7x1 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	797	795	787	786	797	795	787	786										
5	804	828	818	823	796	756	751	734										
10	814	862	851	852	799	707	708	658										
15	832	897	886	880	807	644	653	568										
20	853	933	923	908	817	582	596	482										
25	884	971	962	937	832	526	546	418										
30	924	1015	1006	977	849	479	503	381										
35	976	1061	1052	1011	874	444	469	366										
40	1032	1121	1102	1042	900	419	444	360										
45	1093	1177	1155	1049	929	398	424	353										
50	1158	1222	1202	987	965	374	401	337										
55	1229	1257	1242	842	1010	342	368	308										
60	1327	1240	1250	623	1086	288	312	260										
65	1478	1151	1196	319	1256	198	216	205										
70	1159	899	1022	164	951	122	129	110										
75	536	576	699	107	401	71.3	75.3	72.7										
80	165	276	330	65.8	102	40.1	43.5	43.7										
85	62.6	88.7	100	36.8	36.6	19.7	22.6	19.2										
90	28.6	35.3	35.3	18.6	14.0	12.5	13.9	12.4										
95	21.6	22.1	22.8	12.9	12.9	11.1	12.3	8.34										
100	19.6	17.9	18.3	11.6	13.2	10.1	10.7	8.16										
105	18.7	14.9	15.3	10.6	14.7	10.6	11.0	8.85										
110	18.3	14.0	14.3	9.86	15.4	11.2	11.4	9.86										
115	17.4	13.8	14.1	9.41	15.7	12.0	12.2	10.9										
120	16.3	14.0	14.2	9.20	16.2	12.7	12.9	11.9										
125	15.5	14.0	14.2	9.13	16.7	13.6	13.8	12.6										
130	15.1	13.8	14.0	9.20	17.4	14.7	14.9	13.2										
135	15.2	13.9	14.0	9.42	18.2	15.7	15.9	13.7										
140	15.7	14.2	14.3	9.78	18.6	16.3	16.5	14.3										
145	16.2	14.4	14.4	10.2	18.5	16.6	16.7	14.9										
150	16.4	14.7	14.6	10.8	18.0	16.7	16.7	15.4										
155	16.4	14.9	14.8	11.4	17.5	16.6	16.6	15.6										
160	16.2	15.1	15.0	12.0	17.1	16.4	16.4	15.5										
165	16.1	15.2	15.0	12.6	16.8	16.2	16.1	15.2										
170	16.0	15.3	15.0	13.1	16.6	15.9	15.9	14.8										
175	16.0	15.4	15.1	13.6	16.5	15.6	15.6	14.3										
180	16.1	15.6	15.3	14.1	16.3	15.4	15.4	13.9										

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks: