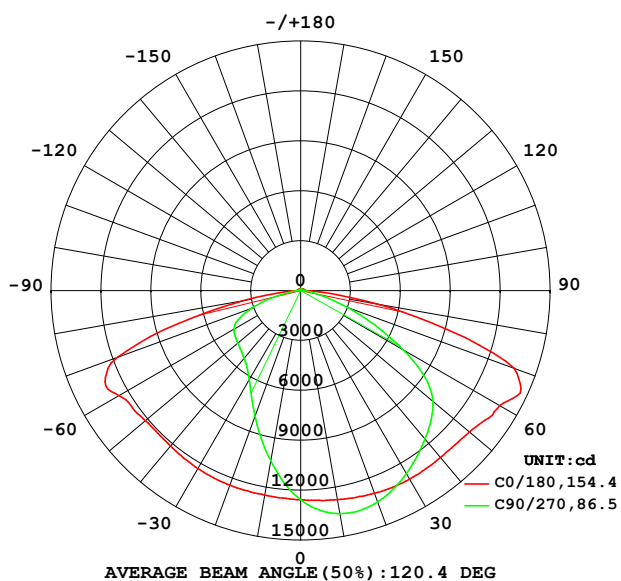
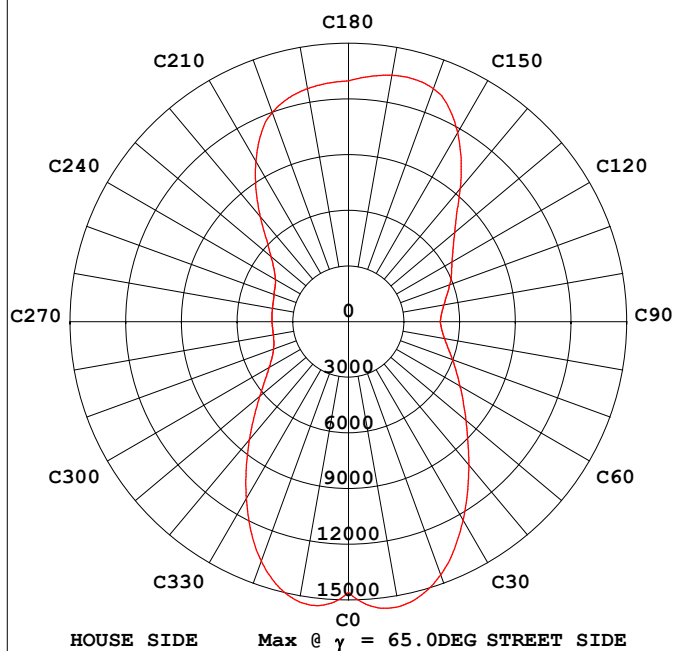


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.67V I:2.5248A P:305.02W PF:0.9929 Freq:60.01Hz Lamp Flux:49147.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

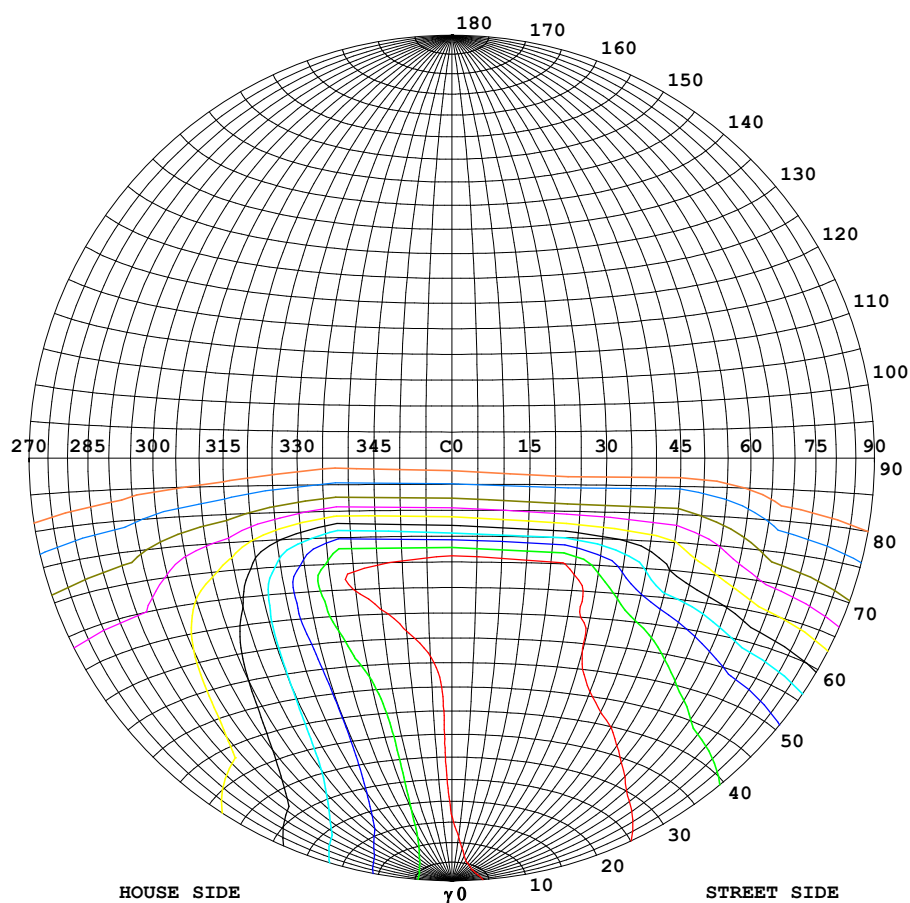
DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.13 lm/W			
MODEL		I _{max} (cd)	14576	η street_up (%)	0.7
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	56.0
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	49148	η house_up (%)	0.8
NOMINAL FLUX (lm)	49147.9	MAXIMUM @ (C, γ)	0,65.0	η house_down (%)	42.5
LAMPS INSIDE	1	η up (%)	1.5	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	121.68	η down (%)	98.5	SLI	25.497

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



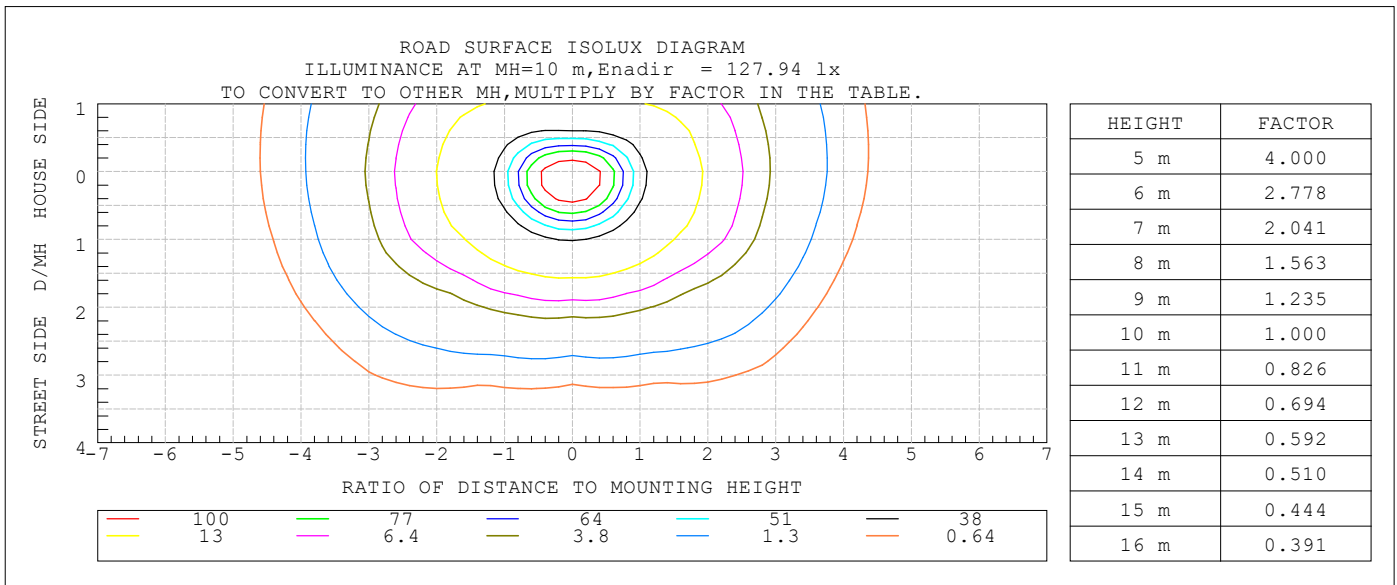
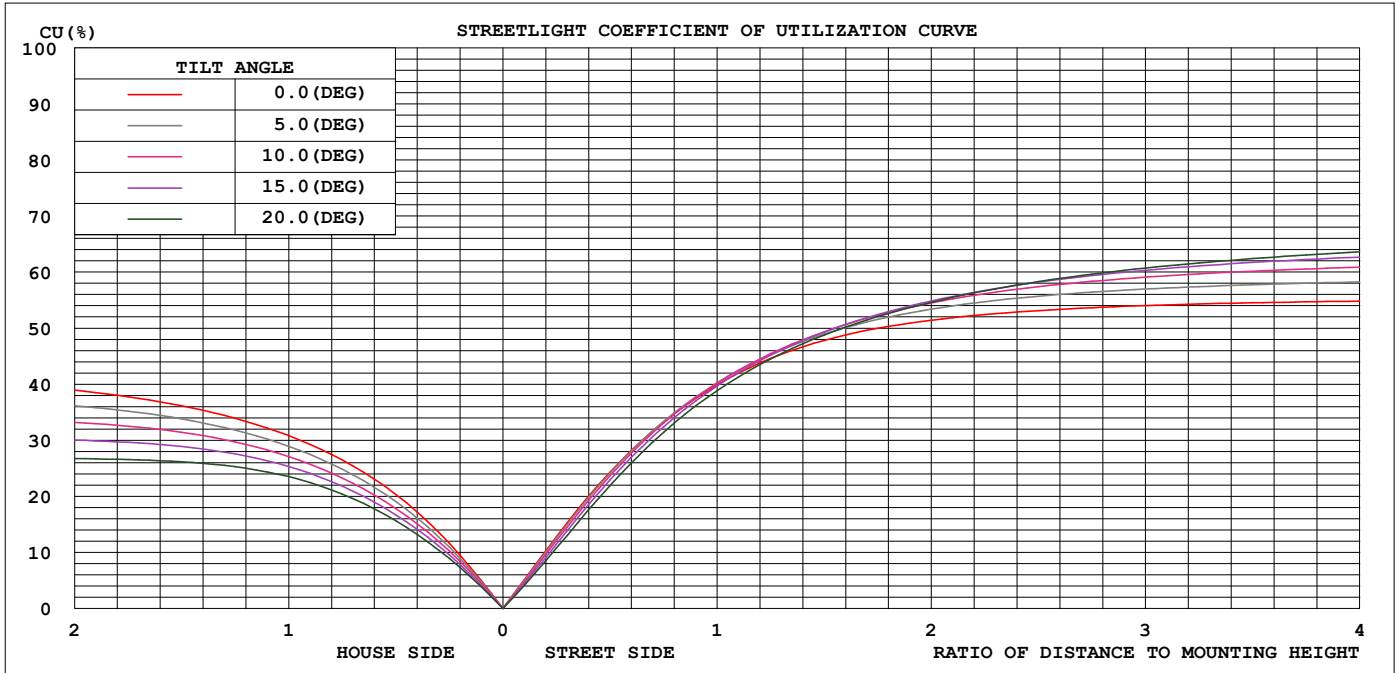
Classification:

IES:Type III - Short
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:104.6cd/klm
Max.At90:7.551cd/klm
Max.80-90:104.6cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		14576
90%		13118
80%		11661
70%		10203
60%		8746
50%		7288
40%		5830
30%		4373
20%		2915
10%		1458
5%		729

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [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: 2025-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.200m [K=1.0000]
Remarks:

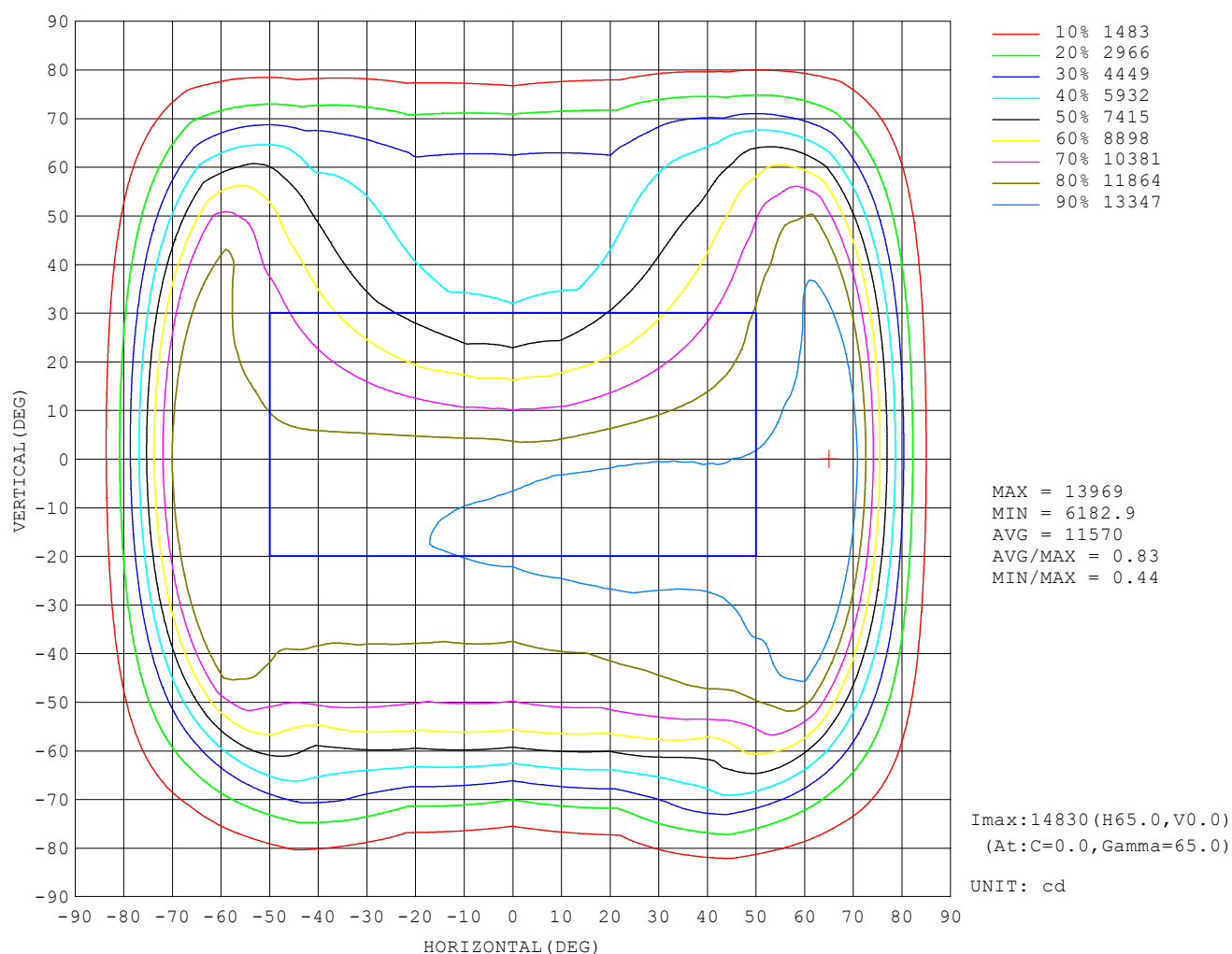
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1276	1351	1361	1338	1248	1108	1040	1122	0- 10	1188	1188	2.42,2.42
20	1297	1382	1352	1357	1245	955.6	804.2	985.1	10- 20	3405	4593	9.35,9.35
30	1309	1360	1271	1326	1235	829.3	620.5	887.5	20- 30	5267	9860	20.1,20.1
40	1309	1303	1163	1261	1219	748.6	529.7	831.2	30- 40	6751	16611	33.8,33.8
50	1324	1230	1039	1185	1218	705.7	493.8	799.0	40- 50	7928	24539	49.9,49.9
60	1382	1107	710.5	1055	1264	668.5	462.4	759.2	50- 60	8775	33314	67.8,67.8
70	1363	724.3	301.3	664.0	1172	534.8	318.8	633.3	60- 70	8595	41909	85.3,85.3
80	468.6	335.9	72.94	259.1	348.4	192.7	89.52	243.1	70- 80	5398	47307	96.3,96.3
90	21.61	16.88	16.77	18.20	18.70	22.15	14.64	26.72	80- 90	1097	48404	98.5,98.5
100	18.74	15.68	14.20	16.65	18.94	16.49	13.28	14.25	90-100	182.2	48586	98.9,98.9
110	18.41	13.98	11.32	14.56	18.11	15.37	12.17	13.81	100-110	163.4	48750	99.2,99.2
120	15.01	11.24	8.966	11.56	14.64	13.18	10.68	11.92	110-120	134.0	48884	99.5,99.5
130	11.07	8.436	7.020	8.643	11.09	10.75	9.380	9.713	120-130	96.98	48981	99.7,99.7
140	8.066	6.616	6.122	6.843	8.349	8.826	8.344	7.952	130-140	66.47	49047	99.8,99.8
150	6.237	6.173	6.298	6.301	6.794	7.590	7.625	6.844	140-150	44.78	49092	99.9,99.9
160	6.047	6.388	6.701	6.313	6.288	7.039	7.388	6.515	150-160	30.53	49122	99.9,99.9
170	6.382	6.922	7.347	6.738	6.463	7.028	7.570	6.681	160-170	18.95	49141	100,100
180	6.542	7.315	7.900	7.121	6.566	6.993	7.546	6.802	170-180	6.652	49148	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [K=1.0000]
Remarks:

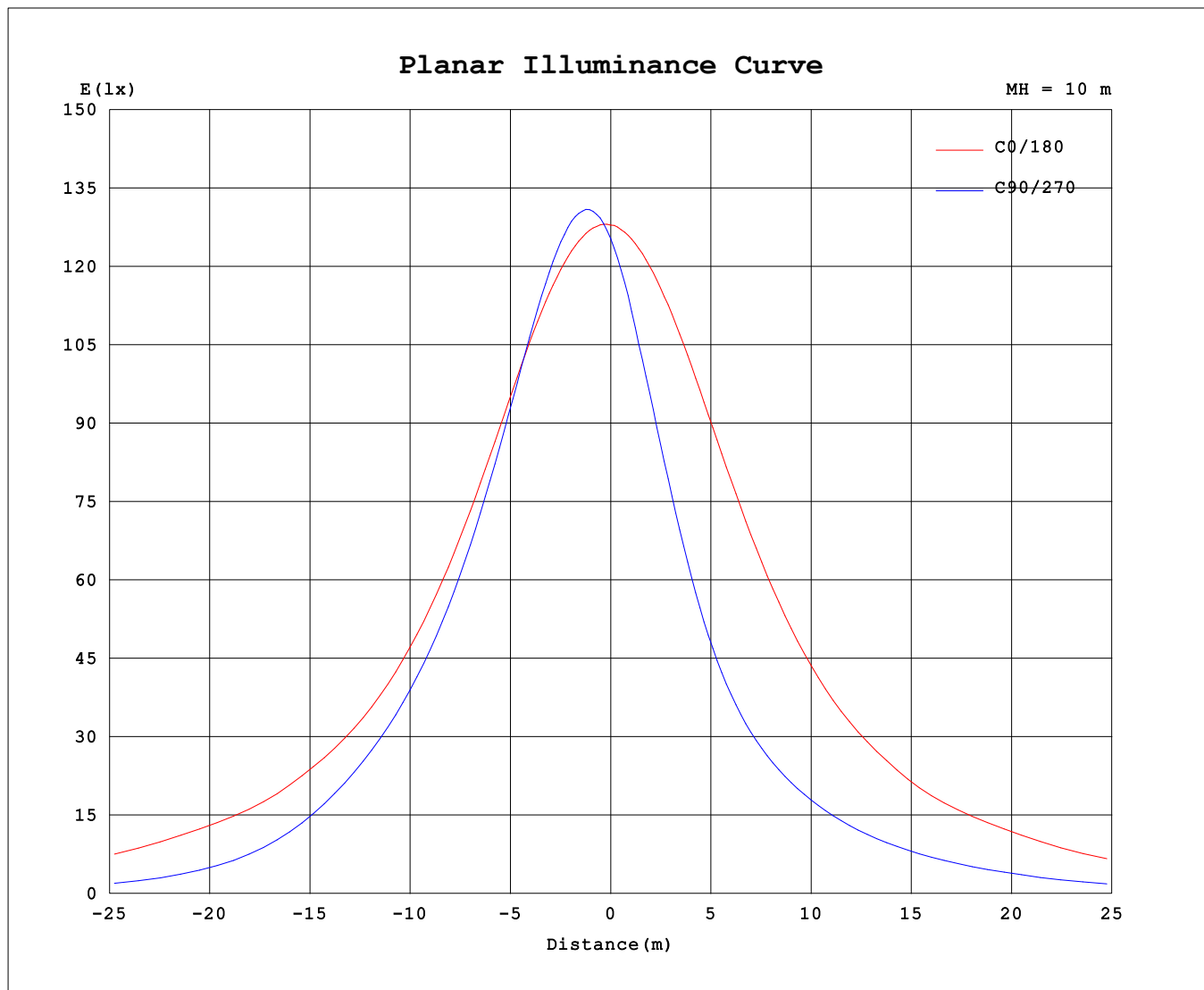
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



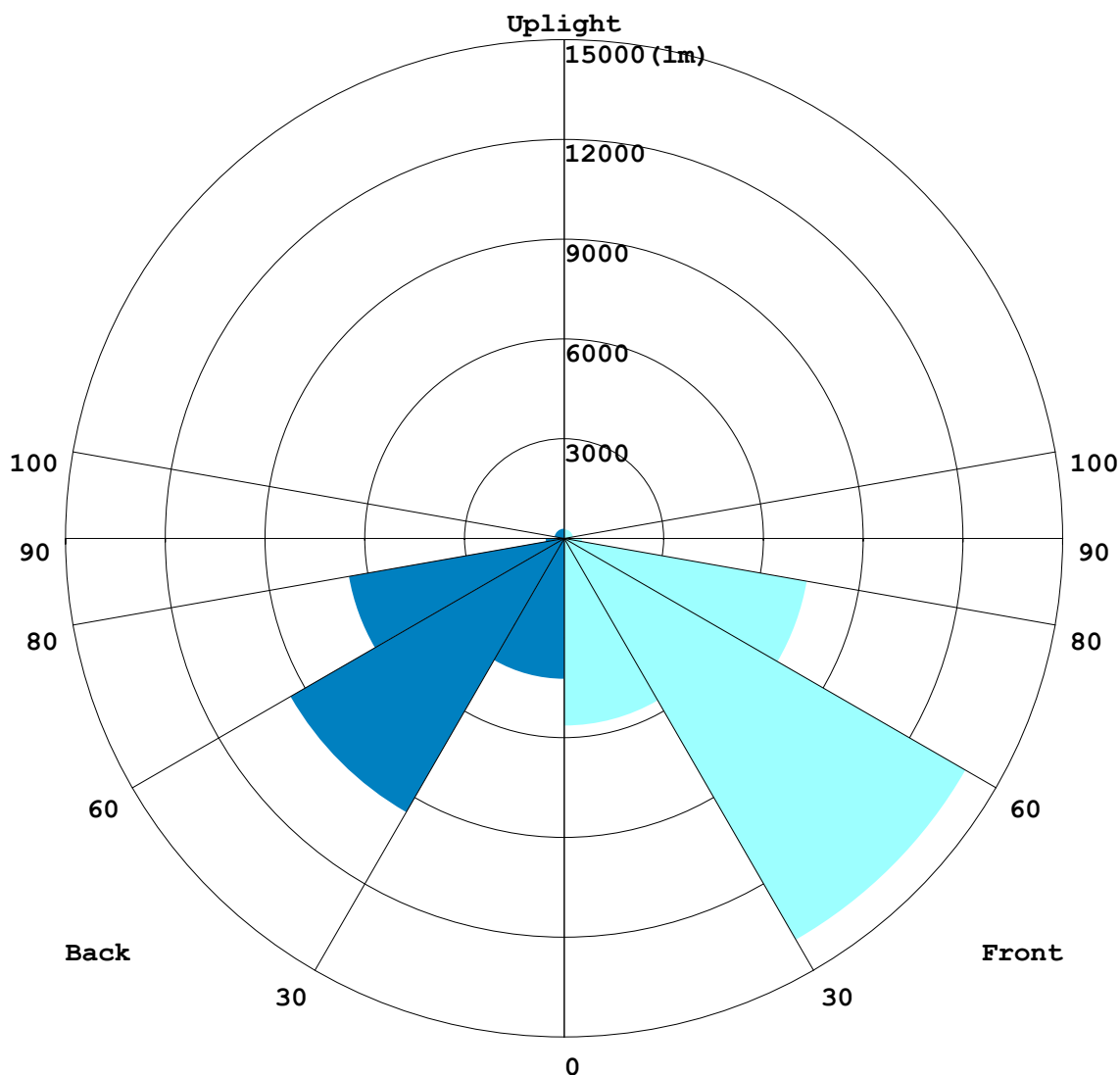
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.200m [K=1.0000]
Remarks:

LCS REPORT

Test:U:121.67V I:2.5248A P:305.02W PF:0.9929 Freq:60.01Hz Lamp Flux:49147.9x1 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:2025-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [K=1.0000]
Remarks:

BUG REPORT

Test:U:121.67V I:2.5248A P:305.02W PF:0.9929 Freq:60.01Hz Lamp Flux:49147.9x1 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)	5635.5	11.5
FM - Front-Medium(30-60)	13945	28.4
FH - Front-High(60-80)	7417.9	15.1
FVH - Front-Very High(80-90)	537.63	1.1
Total Forward Light	27901	56.8

BL - Back-Low(0-30)	4224.9	8.6
BM - Back-Medium(30-60)	9509.2	19.3
BH - Back-High(60-80)	6575	13.4
BVH - Back-Very High(80-90)	559.15	1.1
Total Back Light	21247	43.2

UL - Uplight-Low(90-100)	182.19	0.4
UH - Uplight-High(100-180)	561.72	1.1
Total Up Light	743.91	1.5

BUG(Back,Up,Glare) Rating	B5-U4-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	20868	379.14	21247
Street Side	27536	364.78	27901

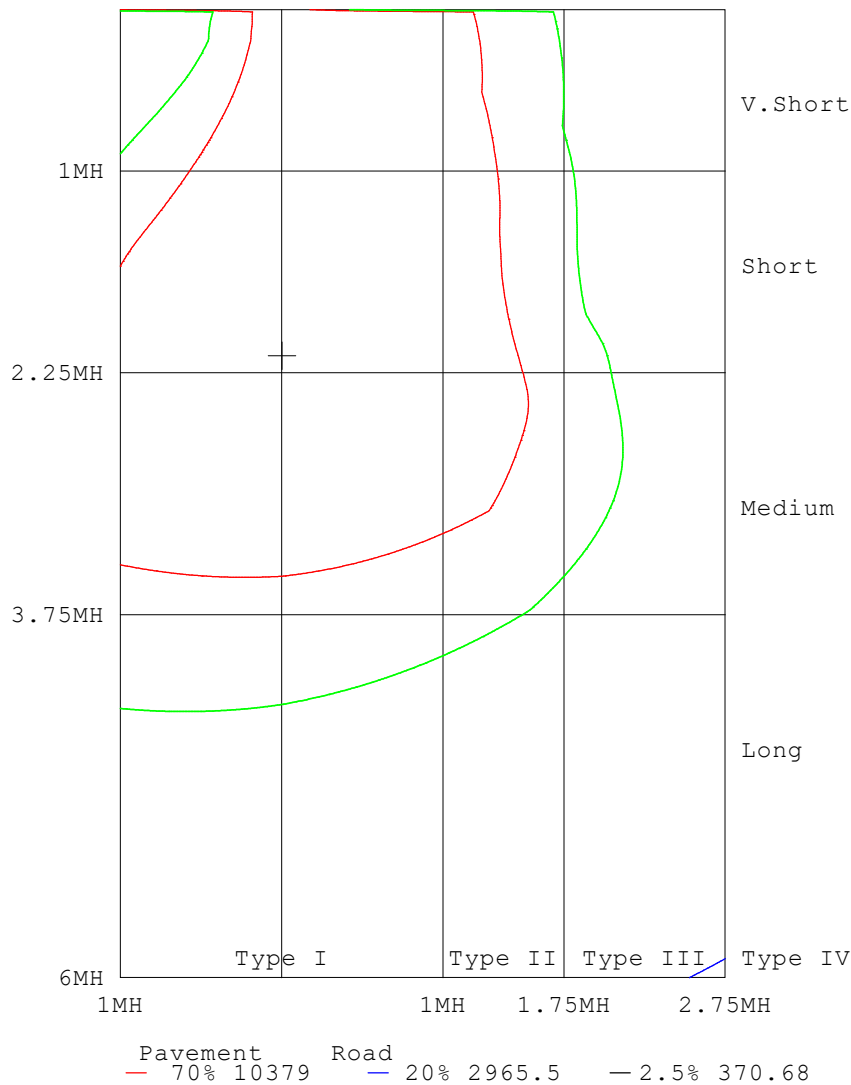
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.67V I:2.5248A P:305.02W PF:0.9929 Freq:60.01Hz Lamp Flux:49147.9x1 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:2025-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: X10cd

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	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257			
5	1266	1294	1313	1324	1325	1320	1305	1283	1252	1219	1189	1167	1161	1171	1197	1231			
10	1276	1326	1351	1362	1361	1355	1338	1304	1248	1182	1108	1062	1040	1069	1122	1204			
15	1287	1351	1374	1376	1369	1367	1354	1320	1246	1146	1029	952	920	962	1050	1179			
20	1297	1369	1382	1368	1352	1357	1357	1329	1245	1114	956	844	804	859	985	1158			
25	1305	1380	1377	1343	1317	1329	1347	1331	1242	1089	888	746	701	765	931	1142			
30	1309	1381	1360	1305	1271	1290	1326	1326	1235	1070	829	667	621	684	888	1133			
35	1309	1375	1335	1259	1219	1243	1296	1315	1228	1057	783	607	564	618	855	1132			
40	1309	1365	1303	1208	1163	1193	1261	1298	1219	1053	749	563	530	570	831	1138			
45	1312	1352	1267	1155	1107	1139	1223	1279	1213	1057	723	530	508	536	813	1151			
50	1324	1344	1230	1091	1039	1077	1185	1265	1218	1071	706	511	494	517	799	1174			
55	1357	1351	1191	1000	917	987	1146	1265	1234	1098	690	496	481	503	783	1210			
60	1382	1359	1107	828	710	810	1055	1268	1264	1116	668	475	462	481	759	1269			
65	1458	1406	910	619	496	599	825	1317	1298	1167	624	433	413	441	718	1313			
70	1363	1308	724	419	301	406	664	1125	1172	1125	535	340	319	359	633	1270			
75	923	856	585	235	160	220	507	650	758	802	389	222	191	251	479	1014			
80	469	388	336	114	72.9	103	259	280	348	403	193	113	89.5	124	243	514			
85	145	122	126	39.1	25.8	34.6	80.8	72.2	97.7	127	69.0	44.2	32.4	52.9	84.8	159			
90	21.6	18.7	16.9	16.7	16.8	17.8	18.2	19.1	18.7	19.4	22.1	18.2	14.6	19.3	26.7	37.1			
95	18.4	17.6	16.2	15.5	15.5	16.4	17.4	18.0	18.6	18.0	17.0	14.9	13.8	13.7	14.2	16.9			
100	18.7	17.7	15.7	14.4	14.2	15.1	16.7	17.9	18.9	18.0	16.5	14.2	13.3	13.3	14.3	16.9			
105	18.9	17.5	15.0	13.2	12.8	13.7	15.7	17.6	19.0	17.8	16.0	13.6	12.8	12.9	14.2	17.2			
110	18.4	16.8	14.0	12.0	11.3	12.4	14.6	16.6	18.1	17.1	15.4	12.9	12.2	12.3	13.8	16.7			
115	17.0	15.3	12.7	11.3	10.2	11.4	13.2	15.1	16.5	15.8	14.4	12.1	11.4	11.6	13.0	15.5			
120	15.0	13.5	11.2	9.91	8.97	10.2	11.6	13.3	14.6	14.2	13.2	11.2	10.7	10.8	11.9	13.8			
125	13.0	11.6	9.73	8.69	7.86	8.94	9.97	11.6	12.8	12.5	11.9	10.3	9.99	9.99	10.8	12.1			
130	11.1	10.3	8.44	7.72	7.02	7.94	8.64	10.3	11.1	11.0	10.8	9.56	9.38	9.29	9.71	10.6			
135	9.44	8.83	7.39	6.98	6.45	7.24	7.61	8.88	9.62	9.72	9.71	8.93	8.85	8.67	8.77	9.23			
140	8.07	7.62	6.62	6.54	6.12	6.78	6.84	7.73	8.35	8.59	8.83	8.35	8.34	8.10	7.95	8.04			
145	6.93	6.74	6.12	6.28	6.28	6.49	6.31	6.83	7.37	7.67	8.09	7.86	7.91	7.59	7.27	7.11			
150	6.24	6.23	6.17	6.23	6.30	6.40	6.30	6.24	6.79	7.06	7.59	7.53	7.62	7.28	6.84	6.56			
155	6.01	6.13	6.20	6.36	6.46	6.49	6.24	6.03	6.43	6.68	7.24	7.34	7.45	7.10	6.61	6.25			
160	6.05	6.11	6.39	6.60	6.70	6.67	6.31	6.05	6.29	6.49	7.04	7.28	7.39	7.02	6.52	6.40			
165	6.19	6.17	6.66	6.88	7.01	6.92	6.49	6.16	6.32	6.48	6.98	7.29	7.44	7.06	6.55	6.43			
170	6.38	6.41	6.92	7.15	7.35	7.18	6.74	6.38	6.46	6.58	7.03	7.34	7.57	7.17	6.68	6.56			
175	6.52	6.56	7.16	7.41	7.69	7.44	6.98	6.60	6.59	6.67	7.04	7.34	7.63	7.26	6.79	6.69			
180	6.54	6.68	7.32	7.61	7.90	7.59	7.12	6.70	6.57	6.66	6.99	7.24	7.55	7.23	6.80	6.69			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2025-07-26

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450

Humidity:65.0%

Test Distance:5.200m [K=1.0000]

Remarks: