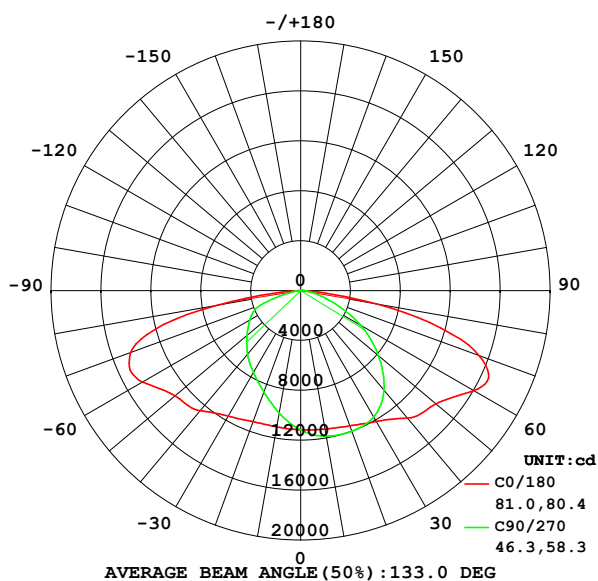
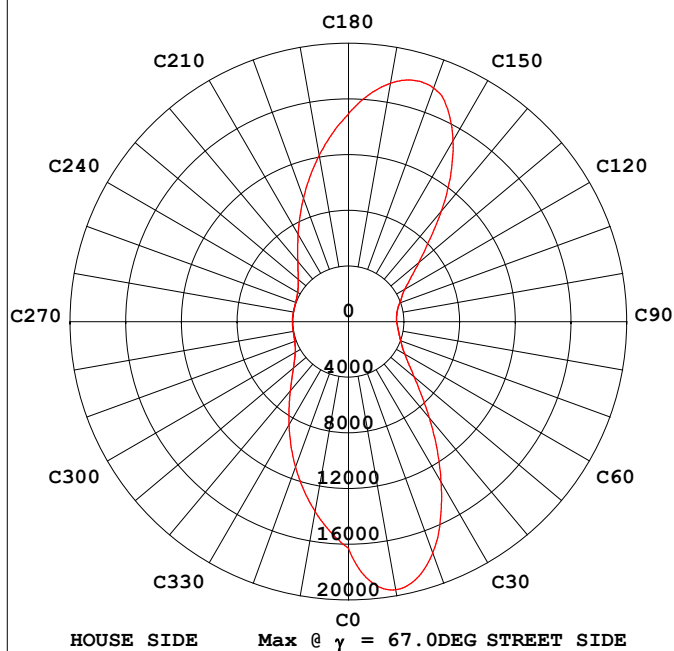


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz
Lamp Flux:47837.6x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.06 lm/W			
MODEL		Imax (cd)	17553	η street_up (%)	0.2
NOMINAL POWER (W)	400	LOR (%)	100.0	η street_down (%)	58.0
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	47838	η house_up (%)	0.1
NOMINAL FLUX (lm)	47837.6	MAXIMUM @ (C, γ)	158,67.0	η house_down (%)	41.7
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	26.123

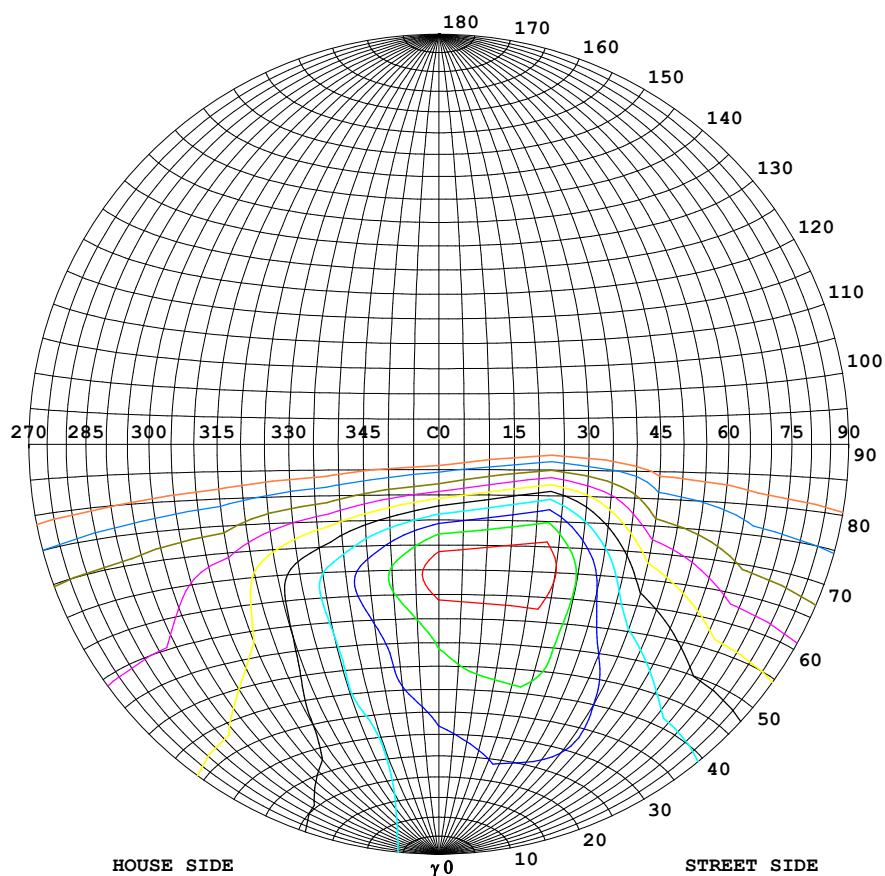
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

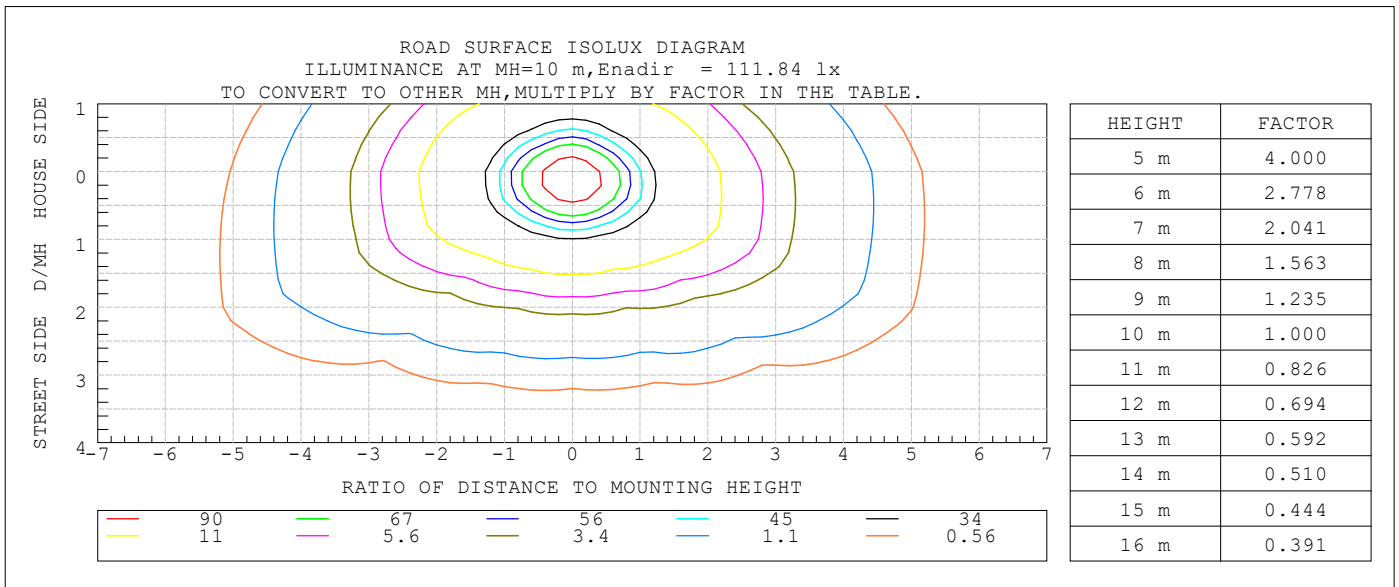
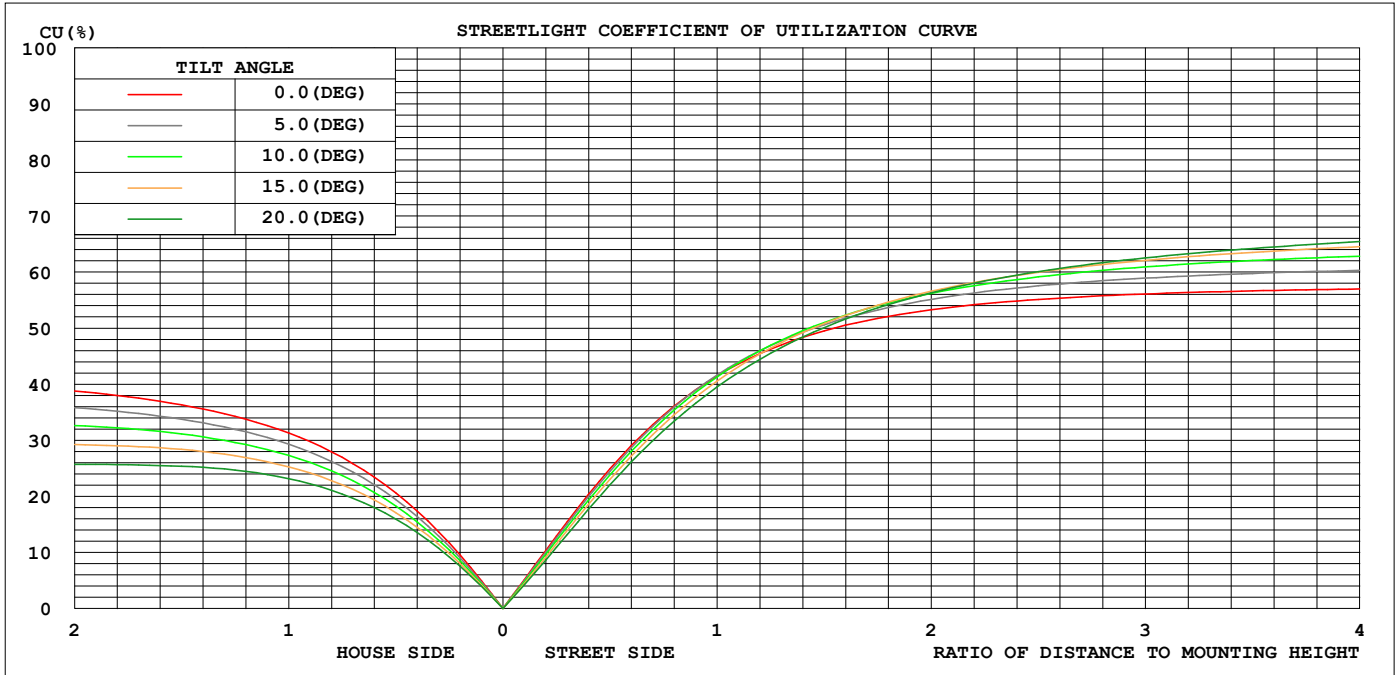
IES:Type III - Short
CIE:Average - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:204.6cd/klm
Max.At90:0.7122cd/klm
Max.80-90:204.6cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		17553
90%		15798
80%		14043
70%		12287
60%		10532
50%		8777
40%		7021
30%		5266
20%		3511
10%		1755
5%		878

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

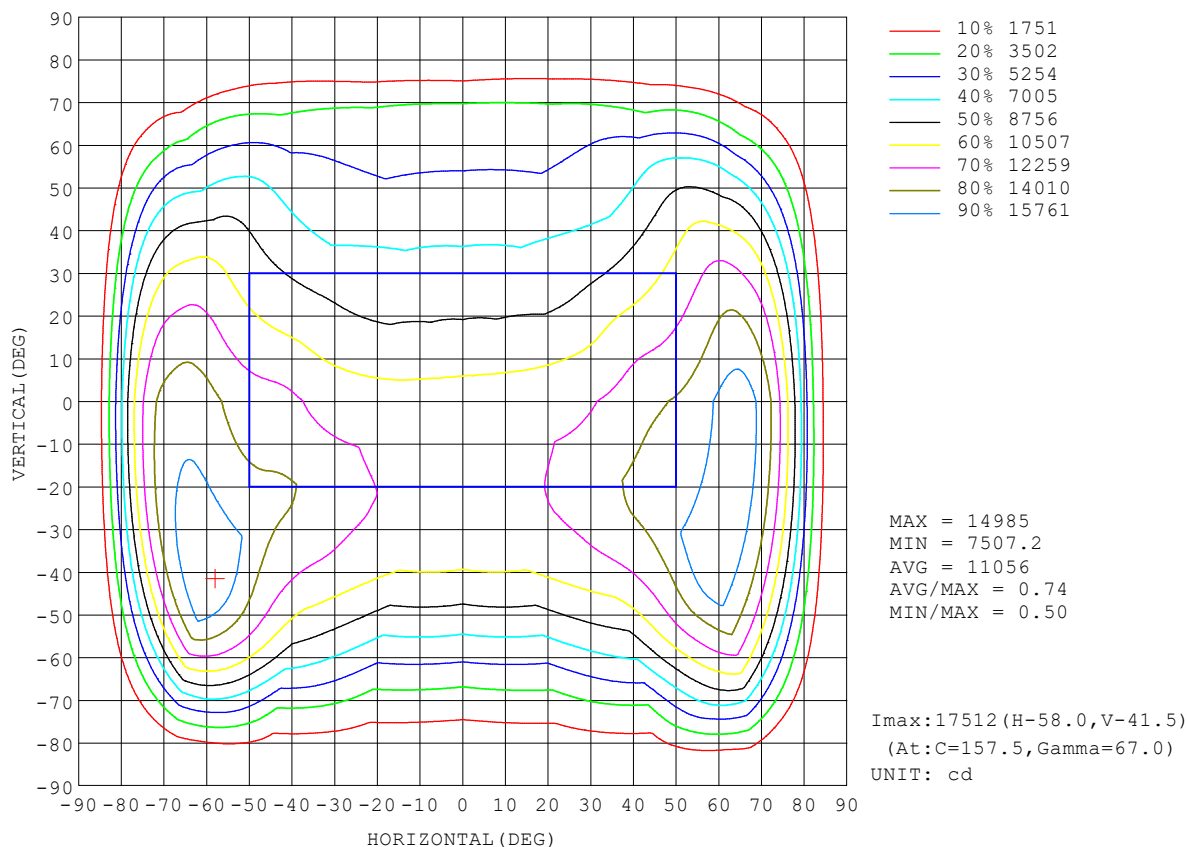
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1128	1175	1185	1170	1110	1026	996.9	1042	0- 10	1060	1060	2.22,2.22
20	1154	1204	1201	1204	1119	921.1	865.3	948.3	10- 20	3089	4148	8.67,8.67
30	1213	1229	1170	1229	1163	827.2	758.0	859.2	20- 30	4935	9083	19,19
40	1334	1228	1039	1234	1257	752.0	663.3	795.5	30- 40	6581	15664	32.7,32.7
50	1414	1150	814.6	1181	1315	670.1	563.8	721.6	40- 50	7860	23524	49.2,49.2
60	1604	942.8	554.3	1009	1466	592.1	470.5	650.9	50- 60	8548	32073	67,67
70	1522	630.1	267.9	698.3	1450	452.1	342.4	496.2	60- 70	8619	40691	85.1,85.1
80	613.9	213.3	92.61	217.9	673.3	140.0	69.02	131.3	70- 80	5840	46531	97.3,97.3
90	3.407	1.466	0.7702	1.192	0.8396	0.2936	0.1761	0.3996	80- 90	1175	47706	99.7,99.7
100	3.001	1.250	0.9334	1.364	0.6853	0.2253	0.1890	0.2513	90-100	9.718	47715	99.7,99.7
110	3.466	1.666	1.190	1.774	1.329	0.4744	0.4457	0.6993	100-110	12.09	47727	99.8,99.8
120	3.413	1.894	1.242	2.026	2.588	1.547	1.211	1.486	110-120	16.41	47744	99.8,99.8
130	3.423	2.423	1.796	2.344	3.158	2.330	1.952	2.459	120-130	20.19	47764	99.8,99.8
140	3.762	2.957	2.461	2.730	3.297	2.726	2.524	2.933	130-140	20.71	47785	99.9,99.9
150	4.172	3.623	3.167	3.184	3.499	3.084	2.986	3.013	140-150	19.30	47804	99.9,99.9
160	4.753	4.251	3.738	3.638	4.259	3.944	3.533	3.096	150-160	16.31	47820	100,100
170	5.868	5.226	4.562	4.470	5.927	5.297	4.687	4.549	160-170	12.40	47833	100,100
180	5.945	5.303	4.628	4.932	6.055	5.382	4.697	5.006	170-180	4.986	47838	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ISOCANDELA DIAGRAM

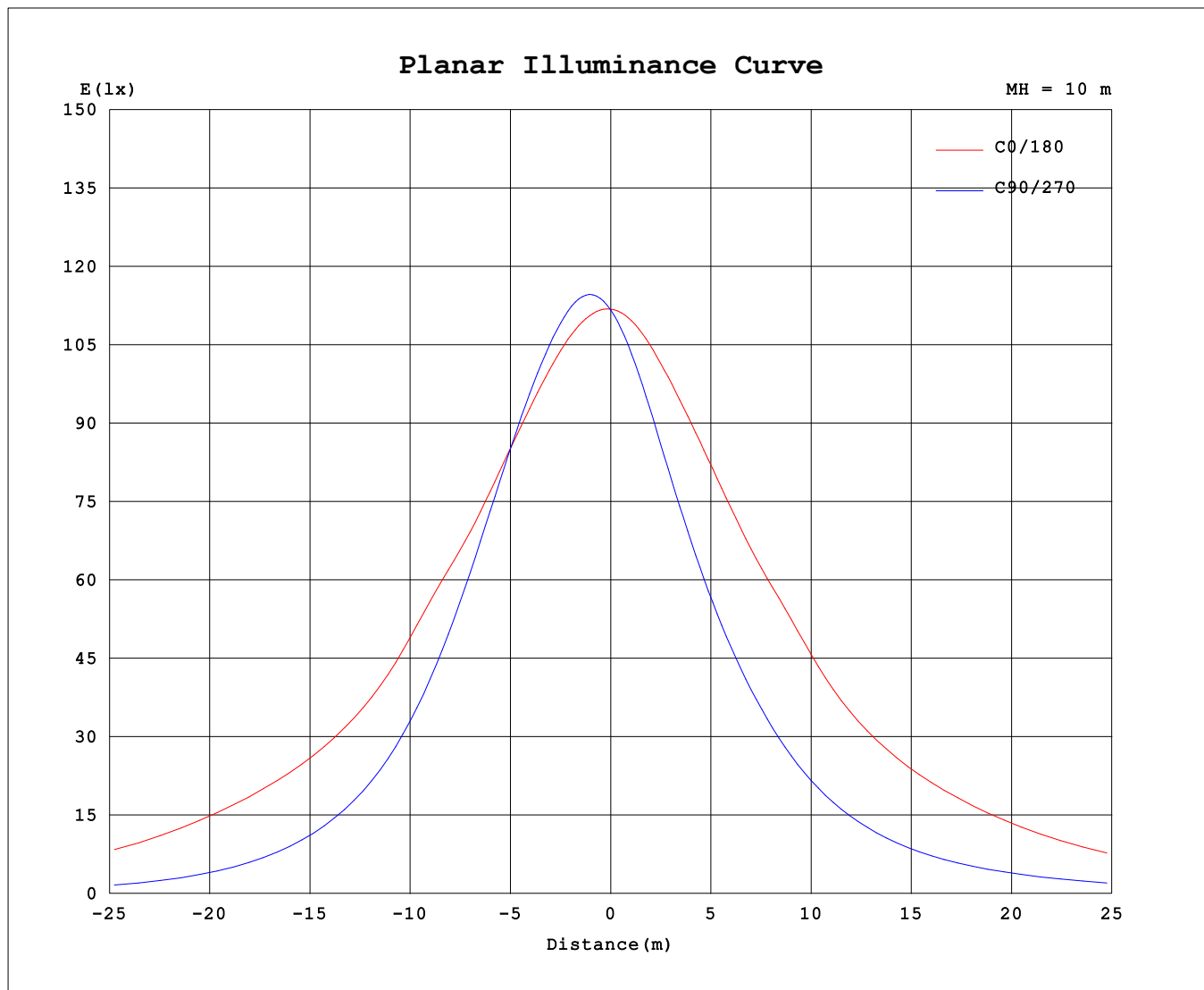
Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1°C
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

Planar Illuminance Curve



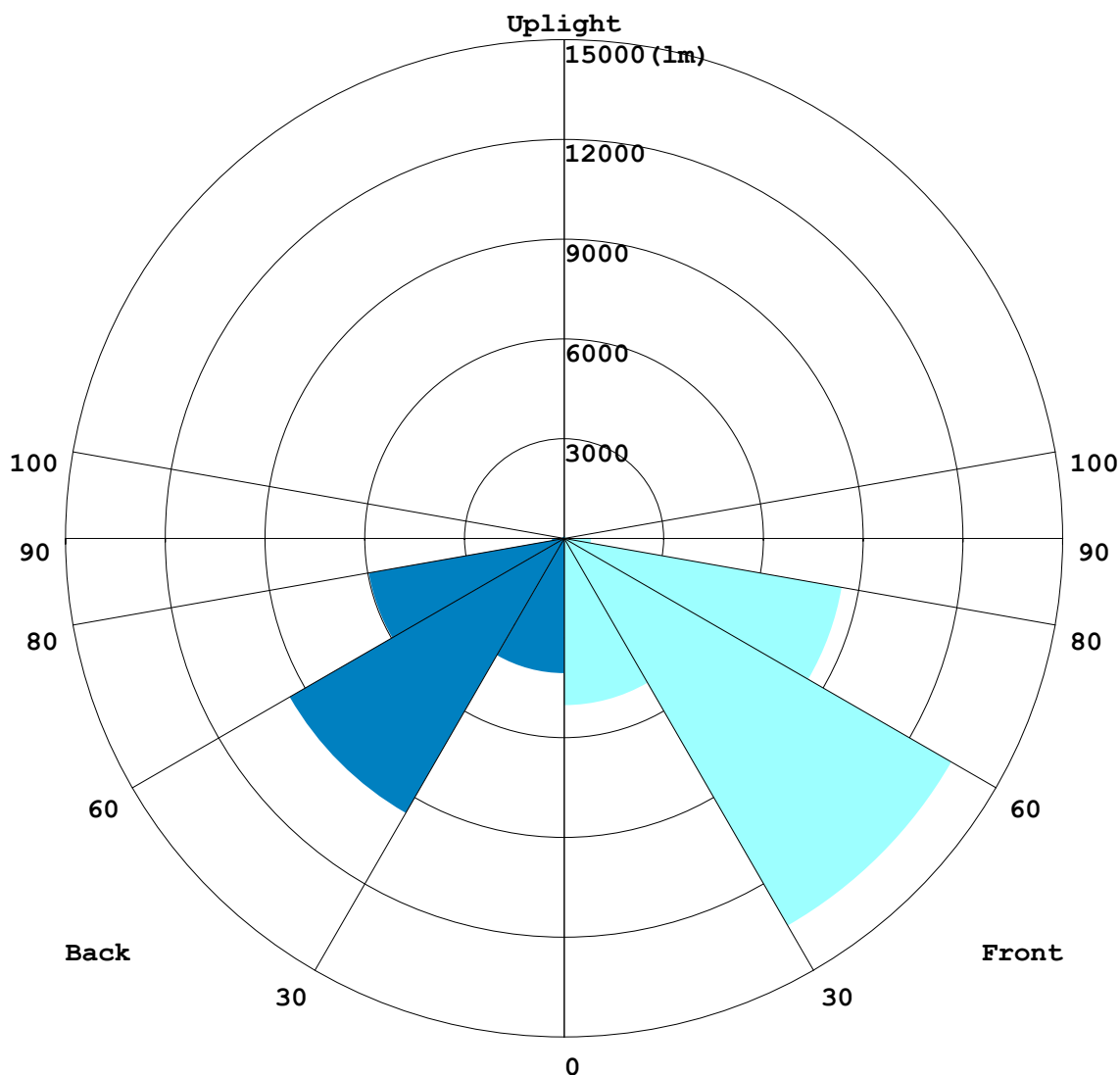
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.1°C
 Operators:DAMIN
 Test Date:2024-04-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance:26.000m [K=0.4205]
 Remarks:

LCS REPORT

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

BUG REPORT

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 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)	5021.8	10.5
FM - Front-Medium(30-60)	13450	28.1
FH - Front-High(60-80)	8483.6	17.7
FVH - Front-Very High(80-90)	811.12	1.7
Total Forward Light	27843	58.2

BL - Back-Low(0-30)	4061.2	8.5
BM - Back-Medium(30-60)	9540	19.9
BH - Back-High(60-80)	5974.6	12.5
BVH - Back-Very High(80-90)	363.64	0.8
Total Back Light	19995	41.8

UL - Uplight-Low(90-100)	9.718	0.0
UH - Uplight-High(100-180)	122.38	0.3
Total Up Light	132.1	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19939	55.633	19995
Street Side	27766	76.463	27843

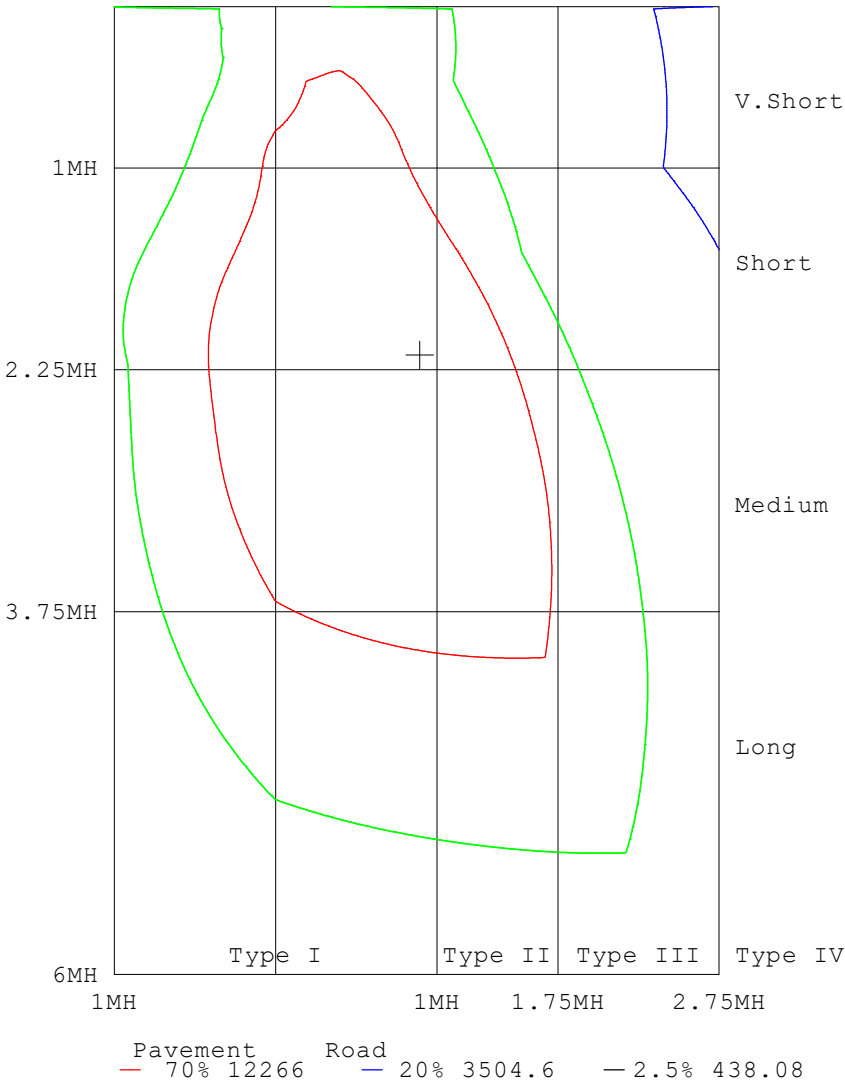
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.16V I:3.2934A P:388.73W PF:0.9989 Freq:60.01Hz Lamp Flux:47837.6x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						Shielding Angle:		

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	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117			
5	1121	1139	1151	1157	1159	1155	1146	1131	1113	1093	1074	1063	1062	1068	1082	1102			
10	1128	1160	1175	1184	1185	1181	1170	1146	1110	1066	1026	1002	997	1010	1042	1086			
15	1138	1181	1191	1198	1197	1196	1188	1165	1110	1038	974	937	928	946	997	1069			
20	1154	1205	1204	1203	1201	1203	1204	1188	1119	1015	921	875	865	884	948	1054			
25	1179	1235	1218	1200	1195	1201	1217	1218	1137	993	871	819	809	828	900	1044			
30	1213	1270	1229	1183	1170	1185	1229	1254	1163	980	827	769	758	777	859	1041			
35	1259	1313	1235	1145	1119	1147	1235	1296	1199	979	790	724	711	730	827	1055			
40	1334	1381	1228	1081	1039	1082	1234	1357	1257	982	752	676	663	684	796	1081			
45	1384	1457	1206	990	934	990	1221	1431	1292	970	710	622	613	632	757	1083			
50	1414	1490	1150	876	815	877	1181	1459	1315	963	670	569	564	581	722	1090			
55	1491	1542	1060	750	689	750	1110	1516	1375	964	631	518	515	530	688	1110			
60	1604	1620	943	616	554	615	1009	1626	1466	973	592	470	470	483	651	1133			
65	1662	1684	804	472	406	469	881	1740	1509	937	543	427	427	437	606	1106			
70	1522	1610	630	326	268	321	698	1711	1450	771	452	356	342	373	496	919			
75	1163	1389	409	205	167	200	443	1438	1212	538	295	200	175	223	303	636			
80	614	979	213	116	92.6	113	218	879	673	225	140	76.8	69.0	88.5	131	257			
85	139	344	65.2	49.1	37.9	46.2	57.5	220	142	36.1	31.9	21.6	22.6	24.7	29.8	50.4			
90	3.41	2.73	1.47	0.91	0.77	0.82	1.19	2.32	0.84	0.49	0.29	0.21	0.18	0.23	0.40	0.73			
95	2.75	1.88	1.09	0.81	0.77	0.84	1.19	2.19	0.54	0.38	0.22	0.15	0.14	0.17	0.21	0.40			
100	3.00	2.07	1.25	0.95	0.93	0.99	1.36	2.30	0.69	0.42	0.23	0.17	0.19	0.25	0.25	0.42			
105	3.26	2.39	1.50	1.12	1.12	1.12	1.59	2.44	0.95	0.53	0.30	0.25	0.28	0.36	0.43	0.57			
110	3.47	2.65	1.67	1.37	1.19	1.35	1.77	2.53	1.33	0.80	0.47	0.43	0.45	0.59	0.70	0.86			
115	3.55	2.85	1.73	1.64	1.24	1.56	1.92	2.59	1.93	1.50	0.89	0.76	0.77	1.00	0.89	1.49			
120	3.41	2.89	1.89	1.82	1.24	1.73	2.03	2.56	2.59	2.25	1.55	1.20	1.21	1.53	1.49	2.28			
125	3.36	2.91	2.18	2.01	1.54	1.92	2.17	2.55	3.00	2.85	2.01	1.60	1.61	1.90	2.08	2.69			
130	3.42	2.89	2.42	2.23	1.80	2.10	2.34	2.62	3.16	3.02	2.33	1.93	1.95	2.22	2.46	2.74			
135	3.60	2.94	2.71	2.49	2.13	2.38	2.55	2.77	3.22	3.12	2.54	2.22	2.25	2.52	2.76	2.75			
140	3.76	3.09	2.96	2.75	2.46	2.66	2.73	2.93	3.30	3.20	2.73	2.52	2.52	2.72	2.93	2.74			
145	3.93	3.42	3.27	3.07	2.79	2.93	2.94	3.08	3.39	3.28	2.93	2.80	2.74	2.87	3.06	2.75			
150	4.17	3.88	3.62	3.45	3.17	3.22	3.18	3.28	3.50	3.33	3.08	3.05	2.99	2.93	3.01	2.74			
155	4.43	4.32	3.92	3.78	3.47	3.45	3.39	3.45	3.72	3.57	3.45	3.49	3.30	3.04	3.02	2.80			
160	4.75	4.74	4.25	4.09	3.74	3.68	3.64	3.68	4.26	4.11	3.94	3.87	3.53	3.18	3.10	3.11			
165	5.16	5.15	4.64	4.45	4.03	3.90	3.89	4.00	5.25	5.14	4.86	4.62	4.24	3.96	3.96	3.94			
170	5.87	5.81	5.23	4.92	4.56	4.37	4.47	4.70	5.93	5.82	5.30	5.02	4.69	4.48	4.55	4.59			
175	6.08	6.25	5.60	5.27	4.93	4.73	4.93	5.15	6.14	6.17	5.51	5.23	4.92	4.75	4.97	5.03			
180	5.94	5.98	5.30	4.93	4.63	4.54	4.93	5.17	6.06	6.07	5.38	4.99	4.70	4.60	5.01	5.27			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks: