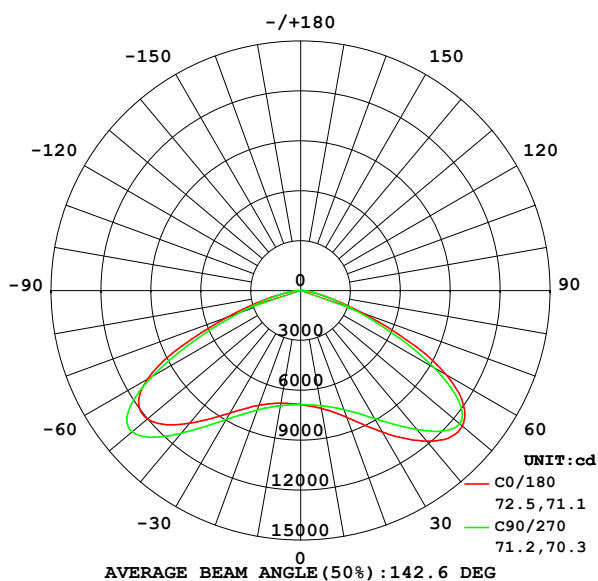
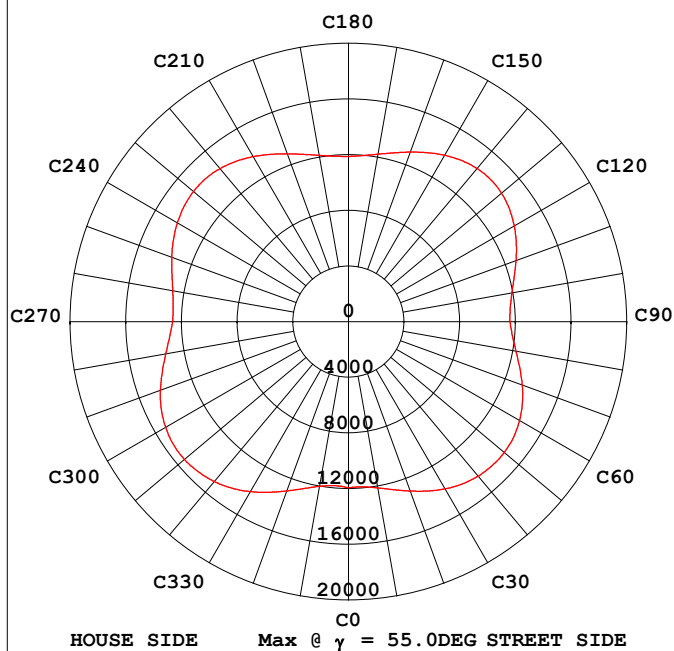


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.45 lm/W			
MODEL		I _{max} (cd)	15259	η street_up (%)	0.2
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	49.3
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	47836	η house_up (%)	0.1
NOMINAL FLUX (lm)	47836.3	MAXIMUM @ (C, γ)	315,55.0	η house_down (%)	50.4
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.360

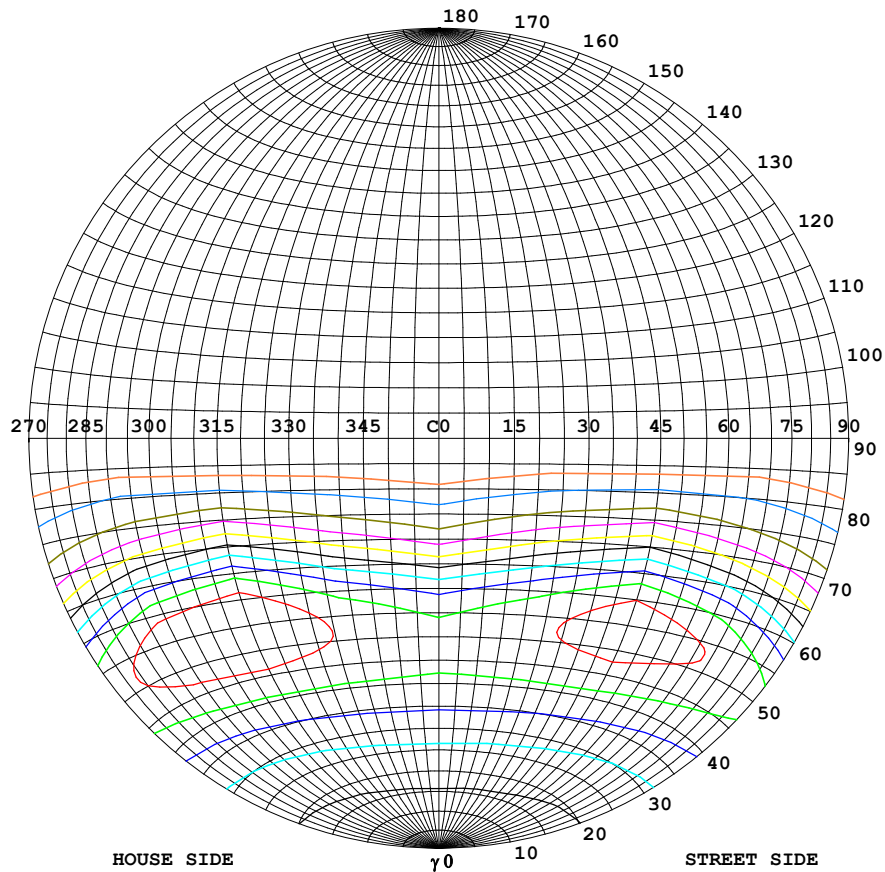
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



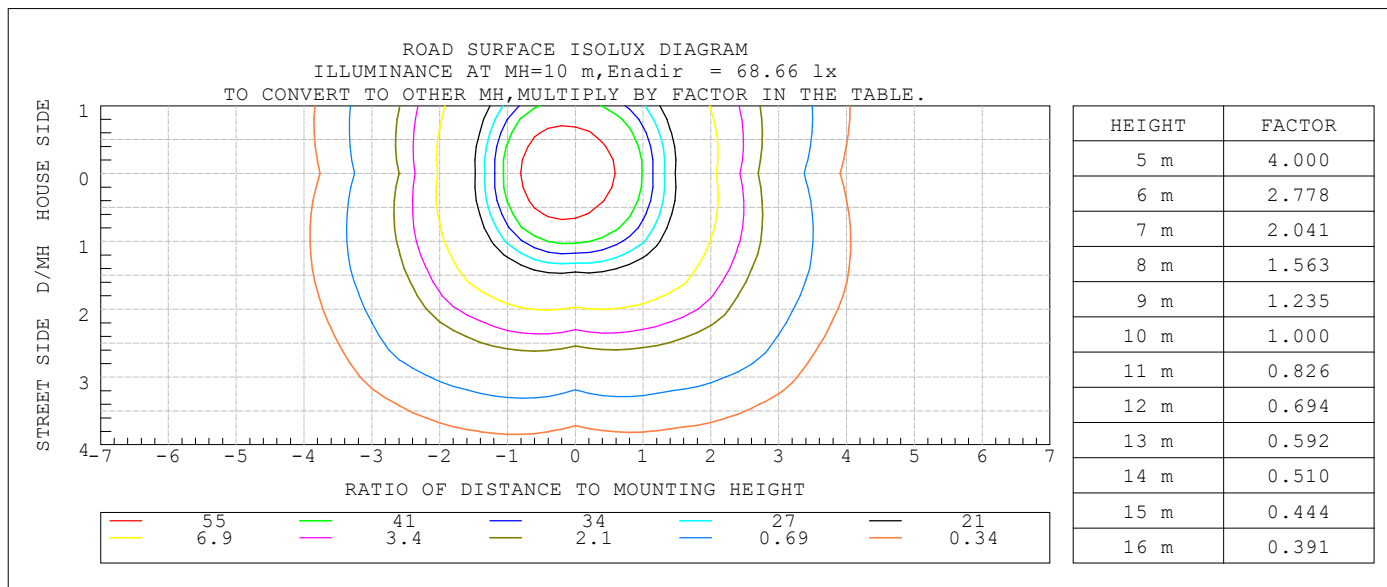
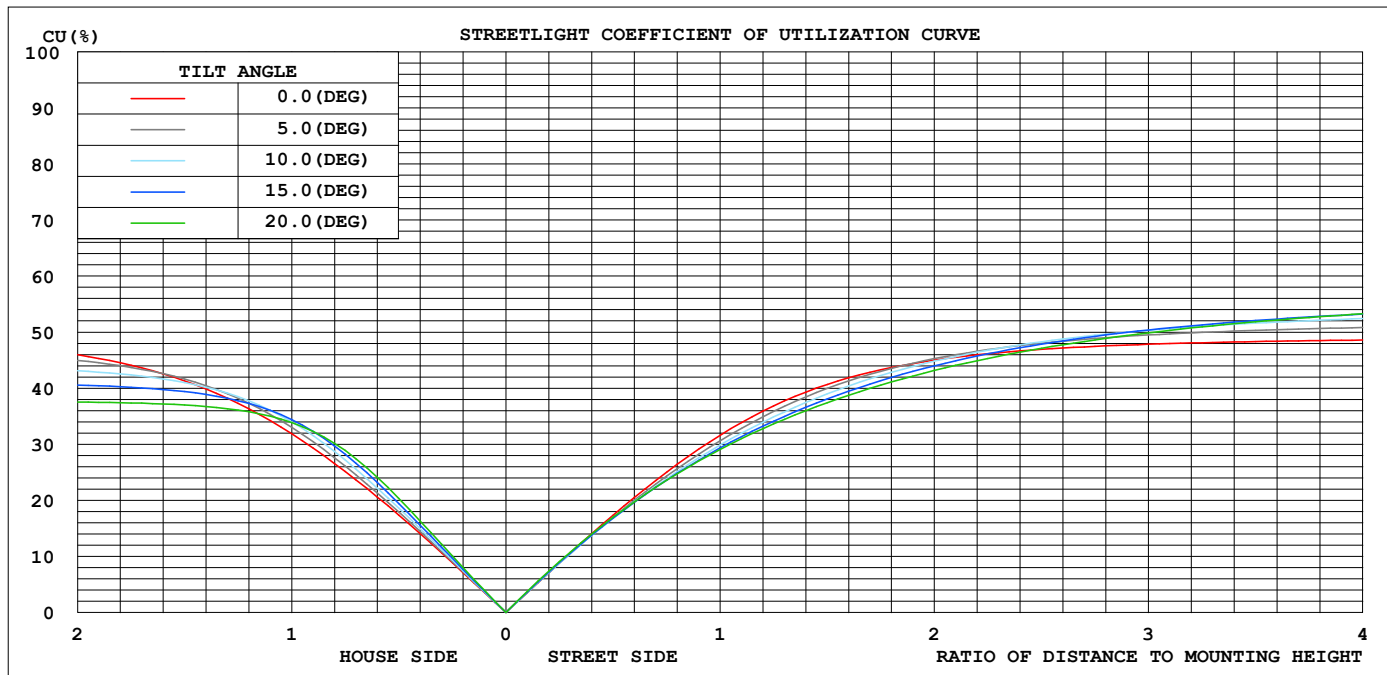
Classification:

IES:Type VS - Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:43.57cd/klm
Max.At90:0.4277cd/klm
Max.80-90:43.57cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		15259
90%		13733
80%		12207
70%		10681
60%		9156
50%		7630
40%		6104
30%		4578
20%		3052
10%		1526
5%		763

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7°C
Operators:DAMIN
Test Date:2024-01-15

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: 23.7°C
Operators:DAMIN
Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

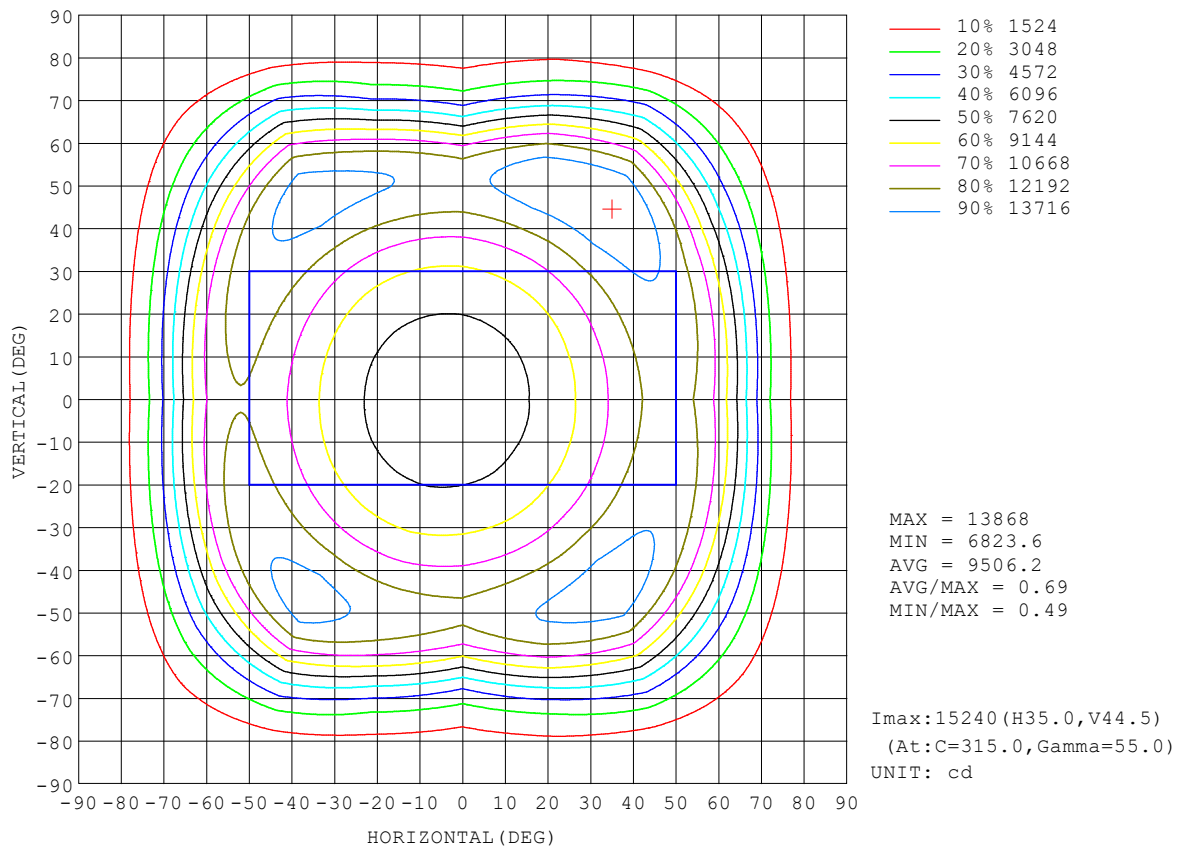
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	719.5	714.6	702.7	692.4	688.3	692.7	703.1	713.9	0- 10	662.9	662.9	1.39,1.39
20	811.2	792.7	761.4	738.5	734.0	742.3	764.1	792.4	10- 20	2080	2743	5.73,5.73
30	982.3	948.1	887.6	850.7	850.6	858.9	894.9	953.2	20- 30	3854	6597	13.8,13.8
40	1182	1178	1091	1055	1041	1073	1120	1199	30- 40	6345	12942	27.1,27.1
50	1269	1420	1248	1344	1202	1357	1322	1471	40- 50	9585	22527	47.1,47.1
60	1009	1367	924.1	1414	1063	1423	1029	1432	50- 60	11808	34334	71.8,71.8
70	396.9	757.7	355.1	820.4	470.7	876.4	396.6	793.8	60- 70	9140	43474	90.9,90.9
80	88.54	175.5	96.10	196.6	103.6	208.4	105.0	168.9	70- 80	3659	47133	98.5,98.5
90	1.221	2.046	1.335	1.964	0.4713	0.8055	0.4086	0.7461	80- 90	575.4	47709	99.7,99.7
100	1.761	2.570	2.716	2.783	0.2020	0.2462	0.2246	0.2323	90-100	12.77	47721	99.8,99.8
110	2.382	2.834	3.043	3.061	0.4847	0.5009	0.6085	0.4691	100-110	15.78	47737	99.8,99.8
120	2.623	2.722	3.335	3.205	1.346	1.615	1.731	1.259	110-120	19.26	47756	99.8,99.8
130	2.755	2.861	3.308	3.235	2.122	2.537	2.489	2.040	120-130	22.20	47779	99.9,99.9
140	2.725	2.785	3.059	2.975	2.358	2.468	2.455	2.053	130-140	20.23	47799	99.9,99.9
150	2.673	2.779	2.883	2.749	2.192	2.209	2.142	1.891	140-150	15.49	47814	100,100
160	2.871	2.873	2.748	2.737	2.484	2.352	2.306	2.034	150-160	11.18	47825	100,100
170	3.373	3.171	2.768	2.934	3.651	3.239	2.753	2.923	160-170	7.923	47833	100,100
180	3.446	3.095	2.623	2.933	3.531	3.150	2.658	2.975	170-180	2.993	47836	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2024-01-15

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

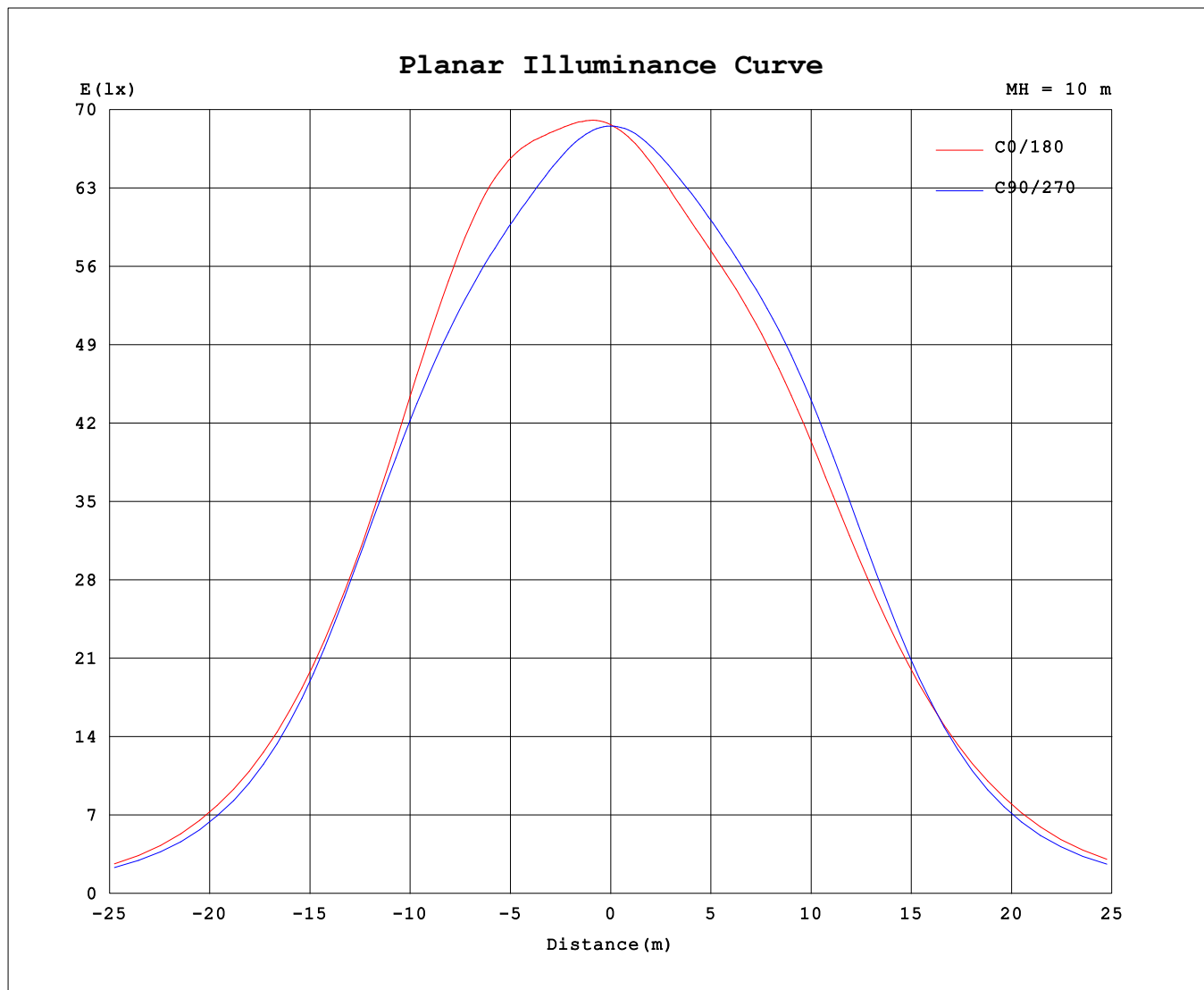
Test:U:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7°C
Operators:DAMIN
Test Date:2024-01-15

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



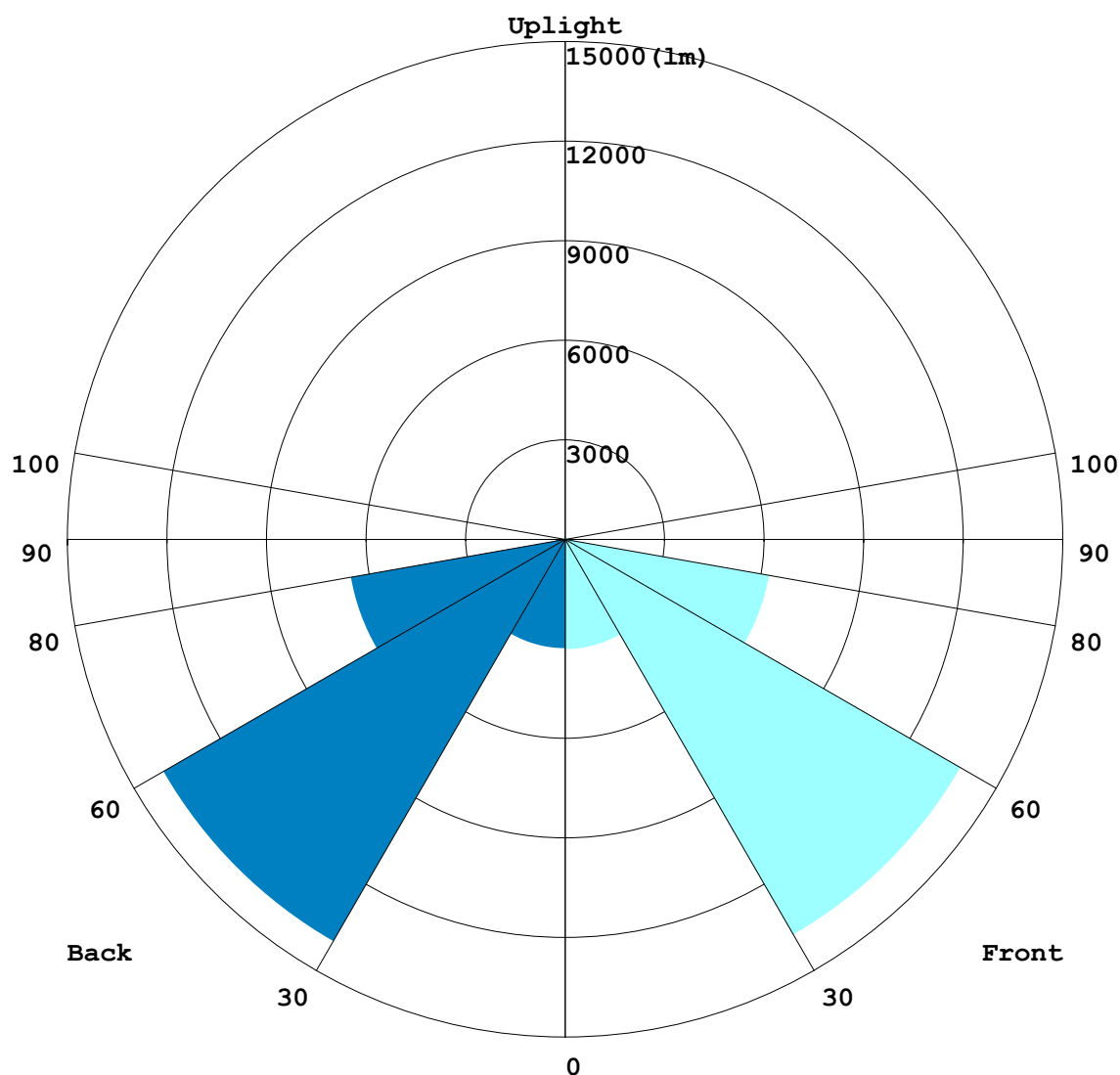
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 23.7°C
 Operators:DAMIN
 Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 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: 23.7°C
Operators:DAMIN
Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 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)	3312.6	6.9
FM - Front-Medium(30-60)	13756	28.8
FH - Front-High(60-80)	6241.3	13.0
FVH - Front-Very High(80-90)	293.54	0.6
Total Forward Light	23688	49.5

BL - Back-Low(0-30)	3284.4	6.9
BM - Back-Medium(30-60)	13982	29.2
BH - Back-High(60-80)	6557.3	13.7
BVH - Back-Very High(80-90)	281.9	0.6
Total Back Light	24148	50.5

UL - Uplight-Low(90-100)	12.768	0.0
UH - Uplight-High(100-180)	115.06	0.2
Total Up Light	127.83	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	24105	42.67	24148
Street Side	23603	85.156	23688

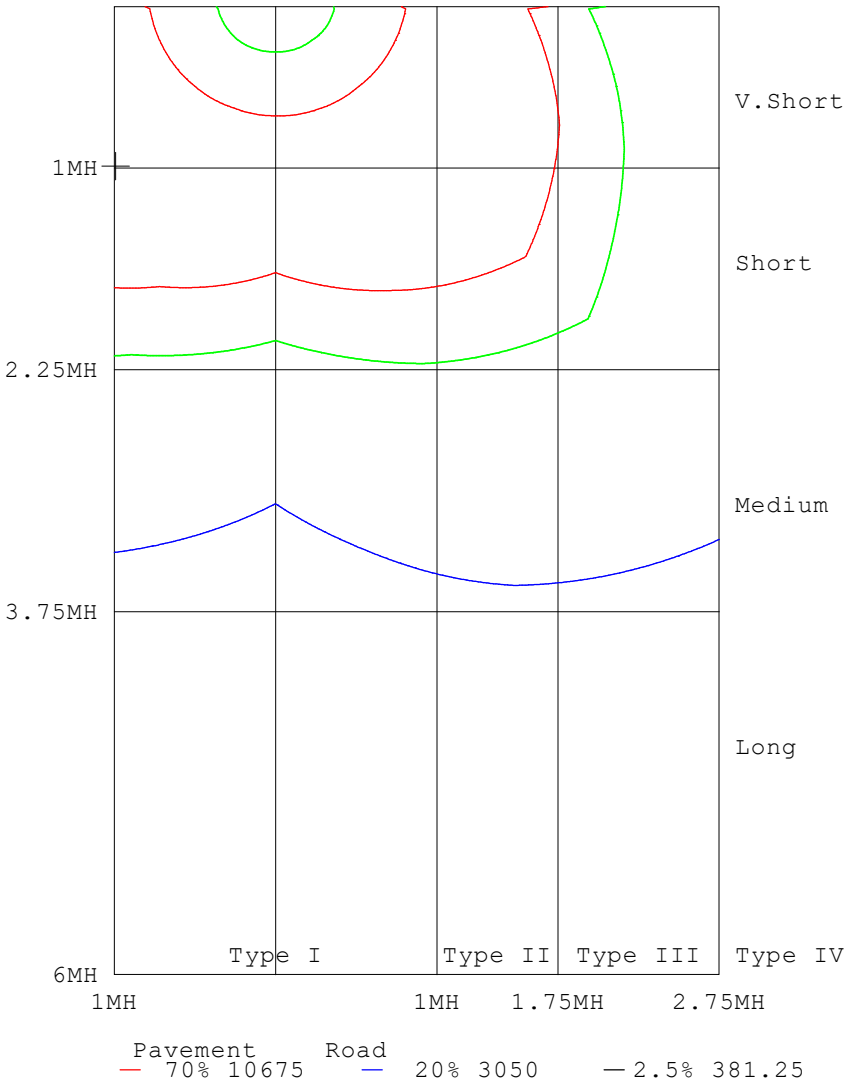
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 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: 23.7°C
Operators:DAMIN
Test Date:2024-01-15

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:117.93V I:2.9337A P:345.51W PF:0.9987 Freq:60.01Hz Lamp Flux:47836.3x1 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	686	686	686	686	686	686	686	686	686	686	686	686	686	686	686	686			
5	698	697	695	692	690	687	685	683	683	684	685	687	690	693	695	697			
10	720	718	715	708	703	696	692	690	688	690	693	698	703	709	714	719			
15	756	752	746	734	725	716	709	705	704	707	711	719	727	737	745	753			
20	811	804	793	774	761	747	739	734	734	737	742	752	764	779	792	806			
25	888	878	860	834	815	794	784	780	782	785	790	804	820	841	862	883			
30	982	971	948	914	888	861	851	848	851	855	859	876	895	925	953	978			
35	1084	1077	1055	1017	981	951	940	937	939	948	954	973	995	1034	1067	1086			
40	1182	1187	1178	1137	1091	1063	1055	1047	1041	1059	1073	1098	1120	1168	1199	1199			
45	1254	1287	1307	1262	1195	1187	1193	1168	1140	1177	1214	1237	1247	1316	1341	1300			
50	1269	1343	1420	1357	1248	1294	1344	1274	1202	1273	1357	1351	1322	1438	1471	1354			
55	1195	1319	1462	1356	1161	1307	1446	1319	1188	1306	1454	1371	1265	1464	1526	1323			
60	1009	1176	1367	1191	924	1153	1414	1246	1063	1228	1423	1224	1029	1320	1432	1167			
65	706	910	1099	896	615	866	1174	1017	788	999	1221	911	689	1003	1166	883			
70	397	598	758	559	355	536	820	696	471	683	876	560	397	629	794	561			
75	203	330	429	299	192	284	467	398	242	391	516	300	213	339	444	298			
80	88.5	145	175	147	96.1	137	197	174	104	173	208	143	105	164	169	128			
85	26.1	48.0	48.8	55.5	34.7	51.4	51.4	52.7	27.2	44.6	54.6	43.0	32.1	47.9	44.6	37.6			
90	1.22	1.68	2.05	1.84	1.34	1.73	1.96	1.57	0.47	0.65	0.81	0.60	0.41	0.65	0.75	0.57			
95	1.38	1.77	2.34	2.29	1.89	2.37	2.56	1.70	0.21	0.28	0.32	0.25	0.21	0.26	0.28	0.24			
100	1.76	2.07	2.57	3.07	2.72	3.14	2.78	1.99	0.20	0.23	0.25	0.21	0.22	0.23	0.23	0.20			
105	2.13	2.37	2.71	2.89	2.84	3.09	2.90	2.31	0.31	0.32	0.31	0.30	0.35	0.34	0.30	0.27			
110	2.38	2.55	2.83	2.99	3.04	3.17	3.06	2.50	0.48	0.51	0.50	0.54	0.61	0.58	0.47	0.41			
115	2.56	2.70	2.84	3.23	3.29	3.29	3.20	2.62	0.81	0.90	0.92	1.03	1.10	1.06	0.75	0.72			
120	2.62	2.70	2.72	3.34	3.34	3.30	3.20	2.59	1.35	1.50	1.62	1.69	1.73	1.74	1.26	1.23			
125	2.70	2.71	2.80	3.38	3.34	3.38	3.23	2.59	1.77	1.97	2.20	2.21	2.19	2.10	1.77	1.63			
130	2.76	2.68	2.86	3.35	3.31	3.35	3.24	2.61	2.12	2.33	2.54	2.50	2.49	2.29	2.04	1.82			
135	2.72	2.46	2.82	3.18	3.16	3.24	3.13	2.46	2.33	2.51	2.57	2.55	2.57	2.32	2.10	1.79			
140	2.73	2.39	2.79	3.06	3.06	3.10	2.98	2.46	2.36	2.49	2.47	2.45	2.45	2.24	2.05	1.69			
145	2.67	2.46	2.78	2.99	2.98	2.99	2.87	2.46	2.26	2.33	2.31	2.35	2.24	2.09	1.96	1.57			
150	2.67	2.62	2.78	2.93	2.88	2.89	2.75	2.44	2.19	2.22	2.21	2.25	2.14	1.98	1.89	1.55			
155	2.74	2.81	2.79	2.90	2.81	2.84	2.72	2.47	2.18	2.19	2.20	2.24	2.13	1.94	1.85	1.53			
160	2.87	2.97	2.87	2.90	2.75	2.78	2.74	2.55	2.48	2.35	2.35	2.40	2.31	2.03	2.03	1.79			
165	3.07	3.14	3.00	2.93	2.72	2.74	2.80	2.69	3.18	3.06	3.03	2.98	2.72	2.55	2.62	2.42			
170	3.37	3.39	3.17	3.01	2.77	2.79	2.93	2.96	3.65	3.55	3.24	3.04	2.75	2.72	2.92	2.87			
175	3.47	3.57	3.27	3.07	2.84	2.87	3.06	3.13	3.66	3.67	3.29	3.07	2.83	2.85	3.11	3.12			
180	3.45	3.46	3.09	2.84	2.62	2.65	2.93	3.12	3.53	3.53	3.15	2.88	2.66	2.68	2.97	3.18			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2024-01-15

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: