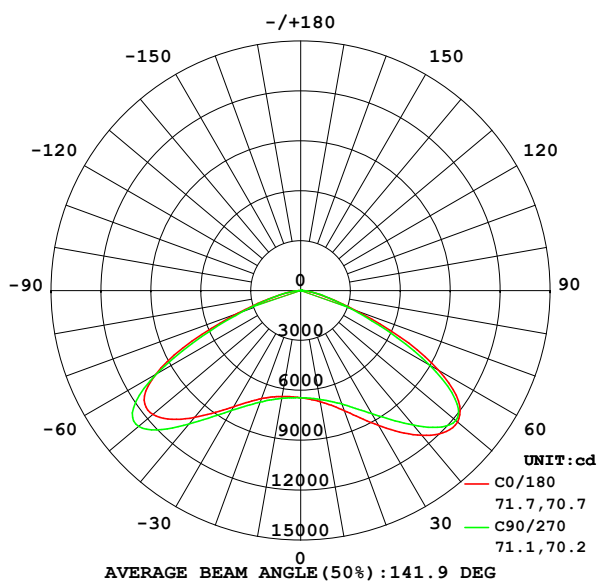
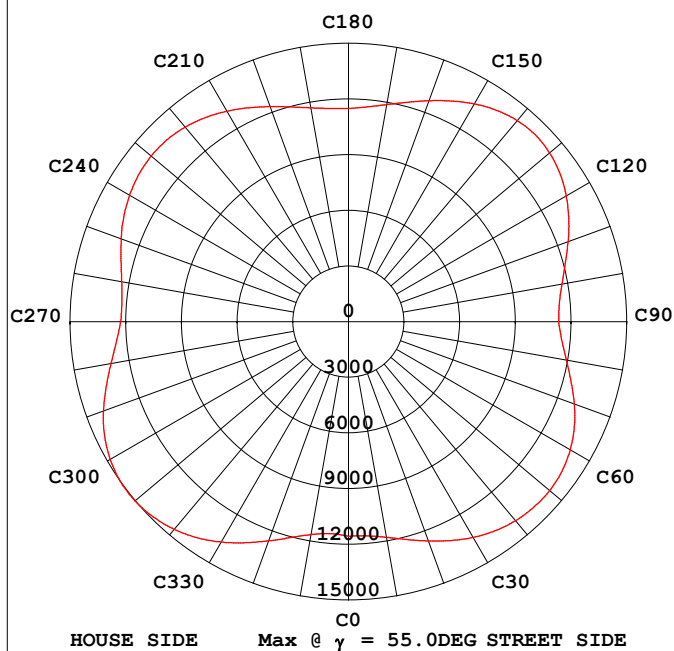


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.32 lm/W			
MODEL		Imax (cd)	14874	η street_up (%)	0.2
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	49.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	45594	η house_up (%)	0.1
NOMINAL FLUX (lm)	45594.3	MAXIMUM @ (C, γ)	315,55.0	η house_down (%)	50.1
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.206

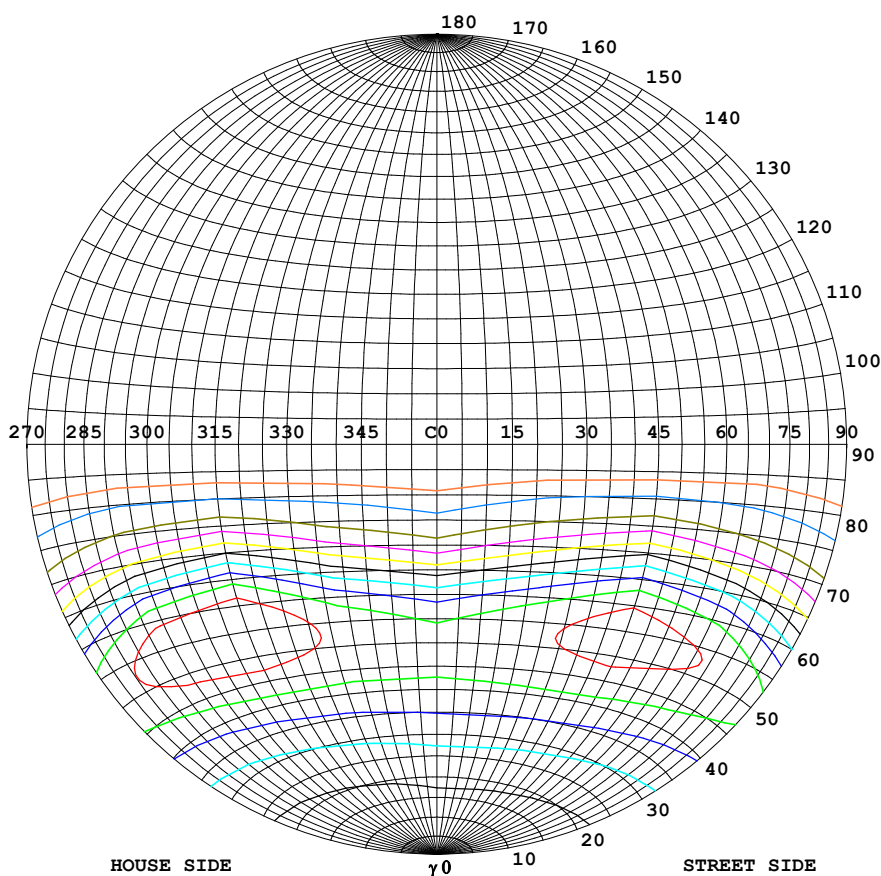
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-01-15

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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



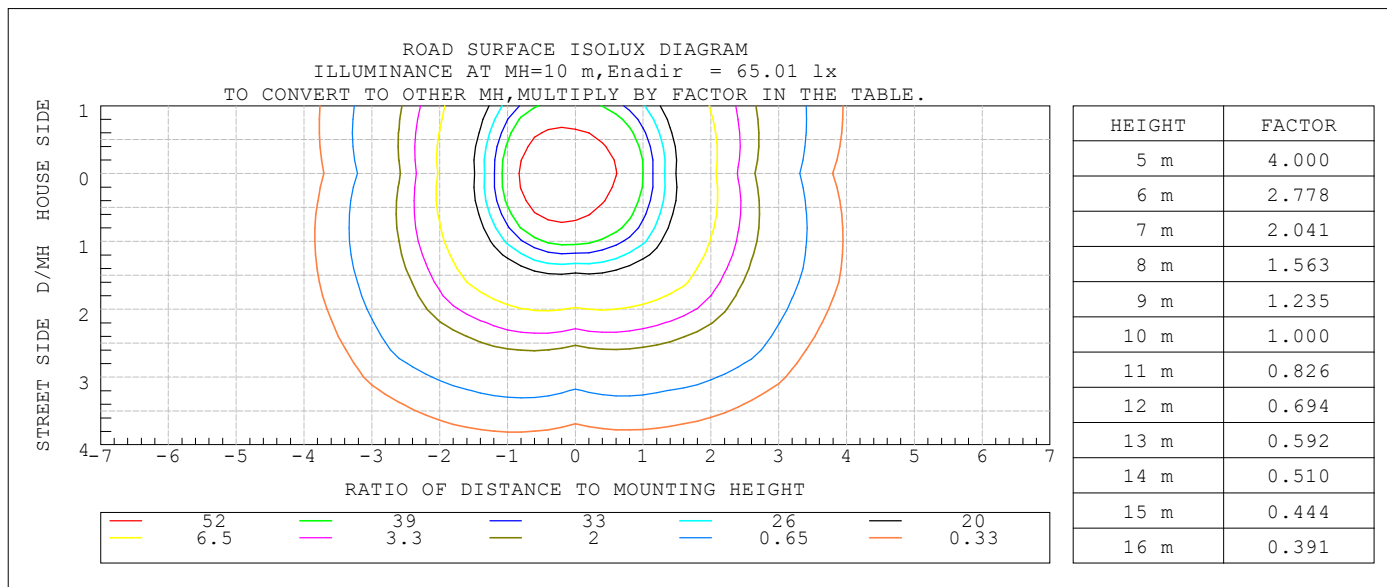
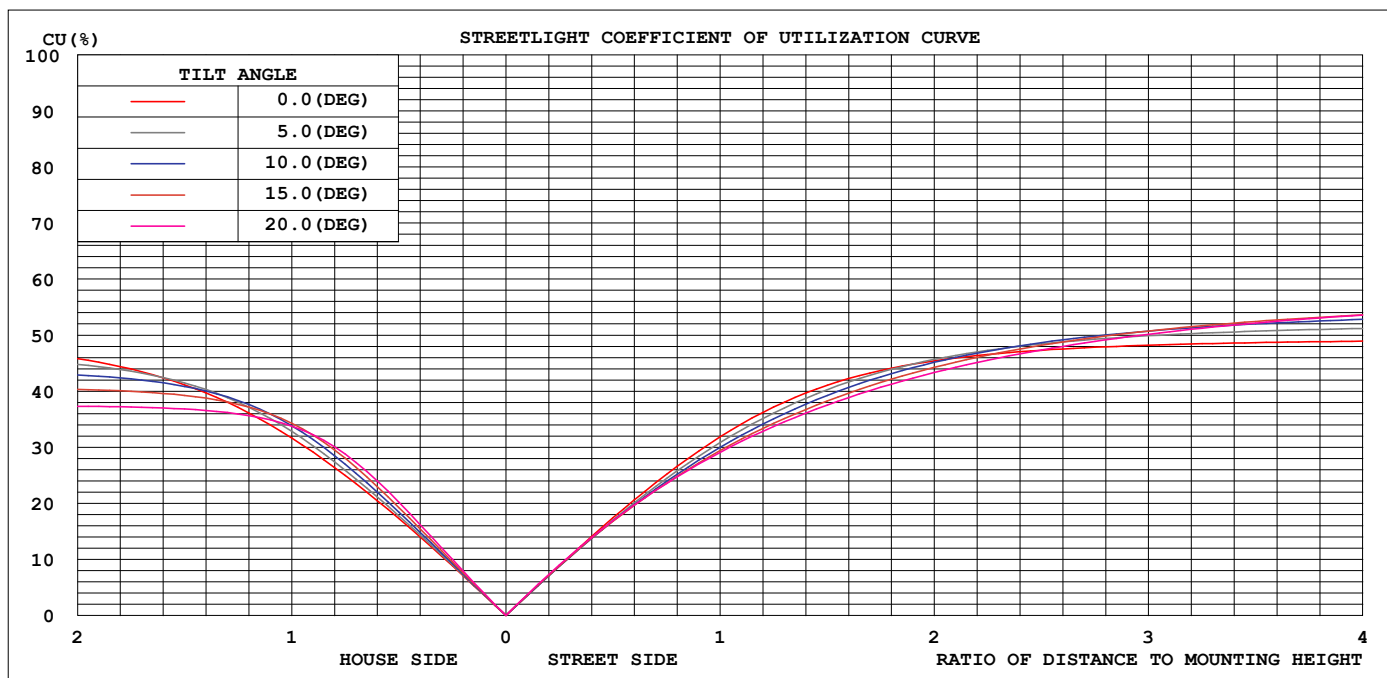
Classification:

IES:Type VS - Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:39.17cd/klm
Max.At90:0.4501cd/klm
Max.80-90:39.17cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		14874
90%		13387
80%		11899
70%		10412
60%		8924
50%		7437
40%		5950
30%		4462
20%		2975
10%		1487
5%		744

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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: 24.1°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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

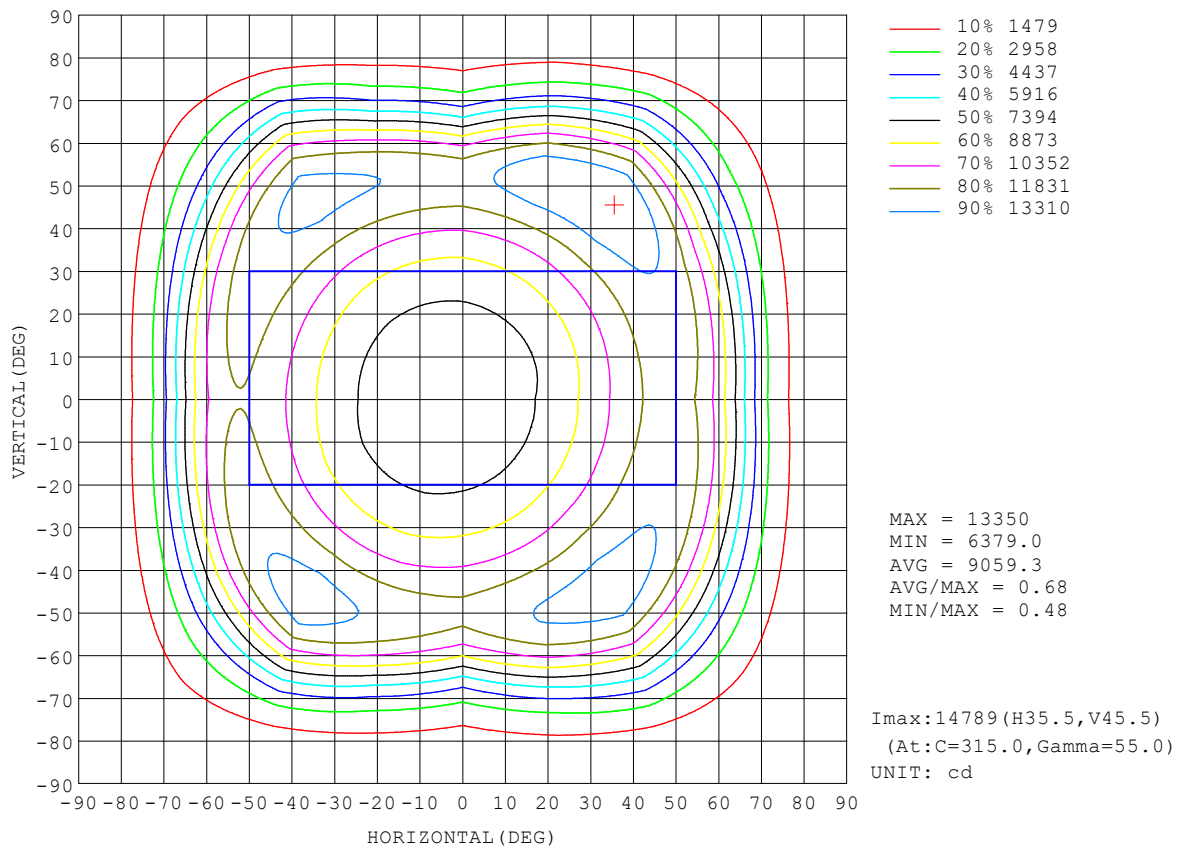
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	678.3	675.4	664.5	653.2	646.7	649.0	658.4	670.0	0- 10	623.5	623.5	1.37,1.37
20	768.8	757.7	726.5	699.6	691.6	694.1	713.9	742.8	10- 20	1961	2585	5.67,5.67
30	935.8	919.3	854.0	811.9	806.4	808.2	832.6	894.4	20- 30	3651	6235	13.7,13.7
40	1135	1145	1056	1017	995.4	1018	1048	1137	30- 40	6048	12283	26.9,26.9
50	1230	1374	1216	1317	1159	1293	1271	1420	40- 50	9226	21509	47.2,47.2
60	954.9	1320	893.8	1393	1005	1362	997.5	1405	50- 60	11450	32959	72.3,72.3
70	354.6	720.3	329.5	777.3	404.1	832.0	370.9	745.5	60- 70	8703	41662	91.4,91.4
80	84.29	166.5	90.54	163.9	95.29	178.6	92.00	149.1	70- 80	3303	44965	98.6,98.6
90	1.143	2.052	1.387	1.861	0.3929	0.6958	0.3379	0.6661	80- 90	508.4	45473	99.7,99.7
100	1.658	2.438	2.437	2.589	0.1841	0.2206	0.2002	0.2019	90-100	11.73	45485	99.8,99.8
110	2.255	2.685	2.886	2.920	0.4373	0.4656	0.5674	0.4306	100-110	14.86	45500	99.8,99.8
120	2.513	2.579	3.170	3.059	1.283	1.521	1.637	1.190	110-120	18.27	45518	99.8,99.8
130	2.632	2.707	3.134	3.079	2.029	2.433	2.376	1.961	120-130	21.12	45539	99.9,99.9
140	2.582	2.626	2.877	2.806	2.251	2.372	2.357	1.967	130-140	19.26	45559	99.9,99.9
150	2.524	2.612	2.701	2.574	2.090	2.118	2.049	1.792	140-150	14.68	45573	100,100
160	2.710	2.701	2.573	2.560	2.368	2.245	2.195	1.923	150-160	10.57	45584	100,100
170	3.184	2.983	2.593	2.749	3.465	3.088	2.607	2.762	160-170	7.489	45591	100,100
180	3.257	2.928	2.471	2.759	3.338	2.983	2.506	2.800	170-180	2.827	45594	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:2024-01-15

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

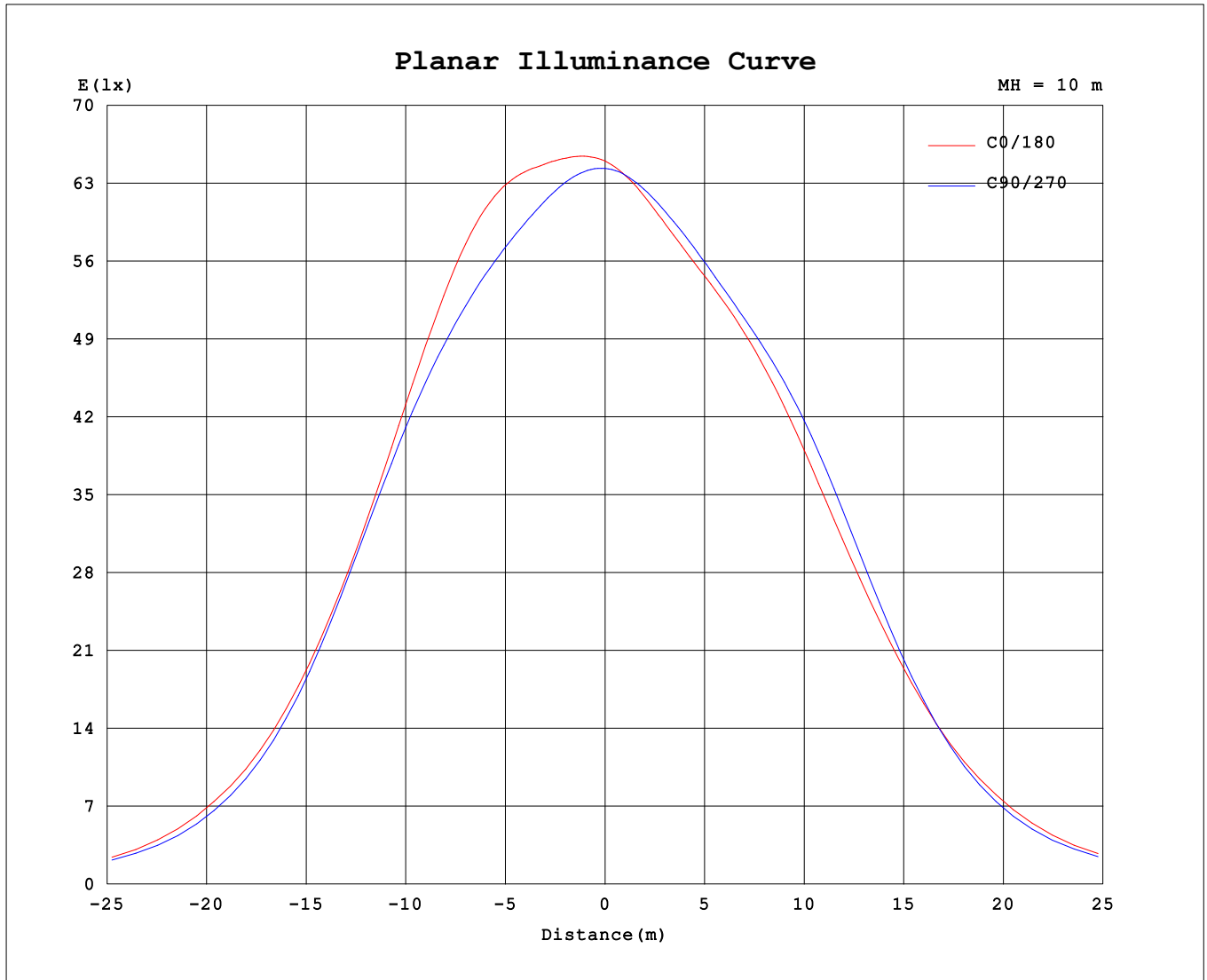
Test:U:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1°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



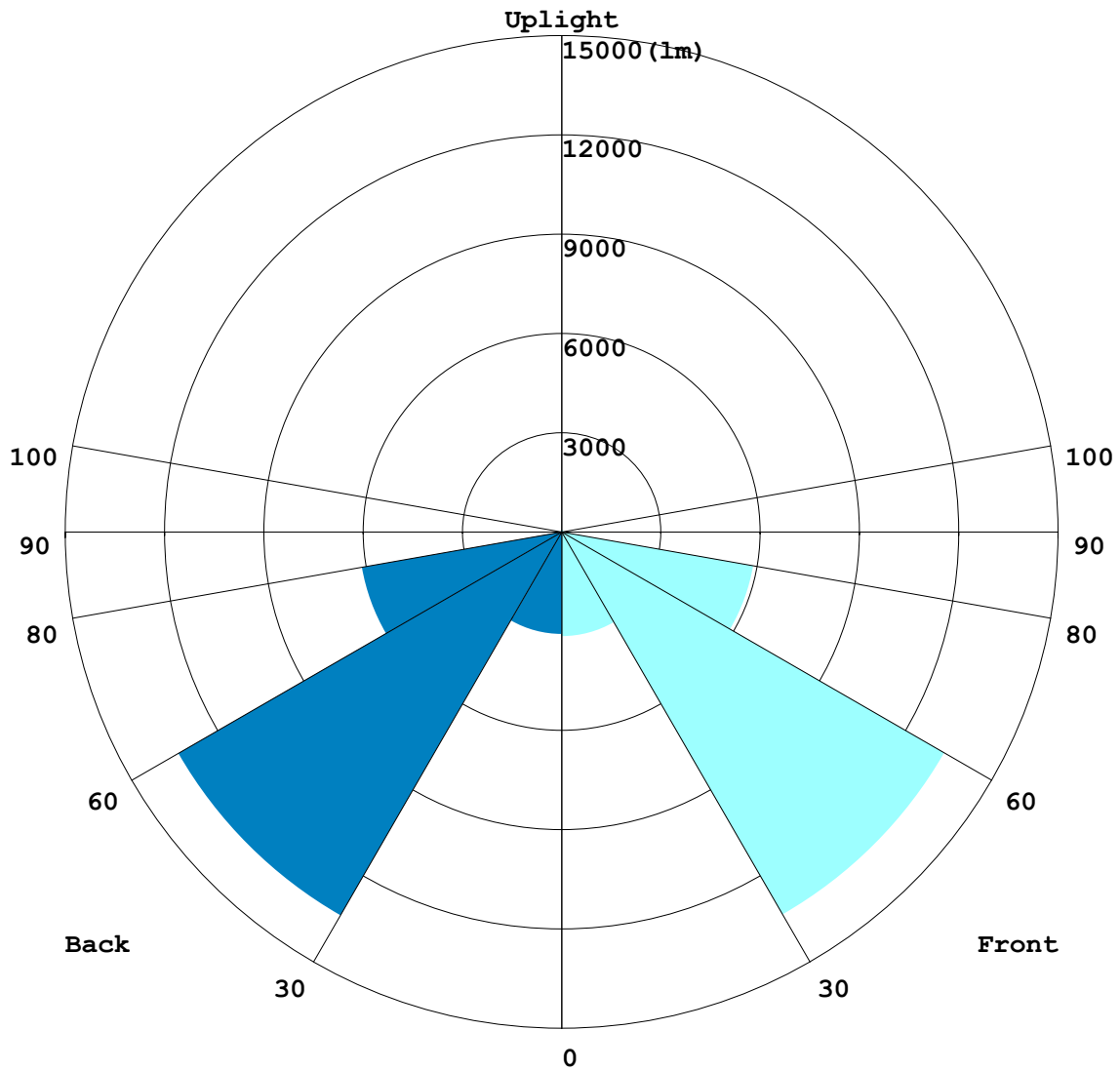
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.1°C
 Operators:DAMIN
 Test Date:2024-01-15

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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 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: 24.1℃
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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 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)	3154.9	6.9
FM - Front-Medium(30-60)	13350	29.3
FH - Front-High(60-80)	5873.7	12.9
FVH - Front-Very High(80-90)	271.74	0.6
Total Forward Light	22731	49.9

BL - Back-Low(0-30)	3080.3	6.8
BM - Back-Medium(30-60)	13373	29.3
BH - Back-High(60-80)	6132.6	13.5
BVH - Back-Very High(80-90)	236.69	0.5
Total Back Light	22863	50.1

UL - Uplight-Low(90-100)	11.734	0.0
UH - Uplight-High(100-180)	109.07	0.2
Total Up Light	120.81	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	22823	40.474	22863
Street Side	22651	80.334	22731

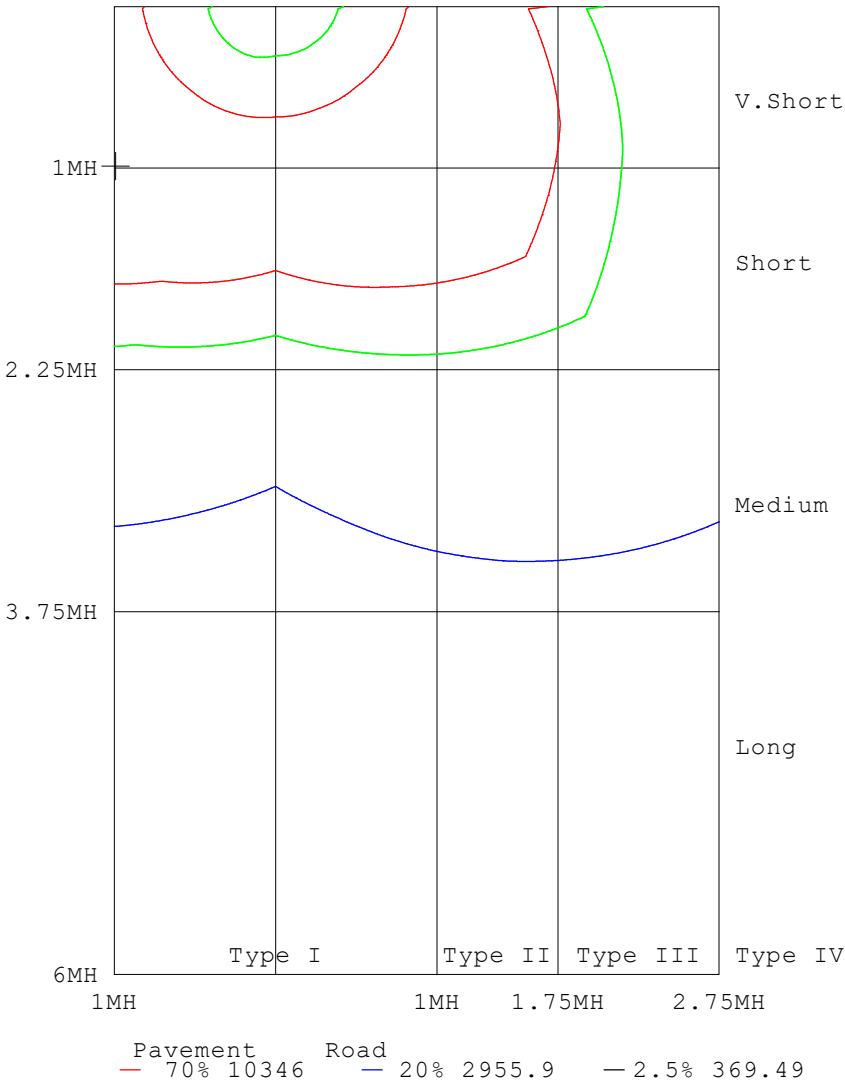
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-01-15

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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 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: 24.1℃
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:117.90V I:2.9268A P:344.57W PF:0.9986 Freq:60.01Hz Lamp Flux:45594.3x1 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	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645	645			
5	656	656	655	653	650	647	645	642	641	642	642	645	647	650	653	655			
10	678	678	675	670	664	658	653	648	647	647	649	654	658	665	670	675			
15	715	714	708	699	689	678	670	664	662	663	665	672	680	690	699	709			
20	769	767	758	742	726	710	700	693	692	692	694	704	714	729	743	759			
25	844	841	828	804	781	758	745	739	739	739	740	751	764	785	807	831			
30	936	934	919	886	854	825	812	806	806	808	808	819	833	863	894	923			
35	1038	1041	1027	989	947	914	901	894	894	900	900	911	927	965	1004	1031			
40	1135	1150	1145	1107	1056	1027	1017	1005	995	1010	1018	1033	1048	1097	1137	1144			
45	1209	1247	1269	1229	1163	1156	1161	1128	1094	1126	1157	1173	1181	1251	1283	1248			
50	1230	1305	1374	1322	1216	1267	1317	1240	1159	1220	1293	1293	1271	1388	1420	1309			
55	1158	1279	1413	1321	1133	1286	1424	1290	1149	1253	1385	1321	1228	1430	1487	1285			
60	955	1130	1320	1161	894	1132	1393	1211	1005	1167	1362	1181	998	1294	1405	1122			
65	656	851	1062	863	582	836	1150	957	722	919	1170	873	659	977	1139	824			
70	355	541	720	531	329	506	777	614	404	594	832	527	371	601	746	499			
75	181	292	395	280	180	265	405	333	204	327	466	277	196	316	391	260			
80	84.3	138	166	137	90.5	127	164	158	95.3	154	179	125	92.0	141	149	119			
85	26.4	45.4	46.3	51.9	34.2	46.6	43.5	45.2	23.8	37.5	44.7	25.1	13.2	30.7	40.1	36.3			
90	1.14	1.64	2.05	1.90	1.39	1.66	1.86	1.39	0.39	0.55	0.70	0.50	0.34	0.54	0.67	0.54			
95	1.27	1.65	2.21	2.06	1.70	2.20	2.35	1.59	0.19	0.25	0.28	0.21	0.18	0.23	0.24	0.21			
100	1.66	1.98	2.44	2.71	2.44	2.90	2.59	1.92	0.18	0.21	0.22	0.18	0.20	0.20	0.20	0.18			
105	2.01	2.26	2.58	2.68	2.65	2.93	2.76	2.23	0.27	0.30	0.29	0.27	0.33	0.30	0.28	0.24			
110	2.25	2.42	2.68	2.83	2.89	3.02	2.92	2.40	0.44	0.49	0.47	0.50	0.57	0.54	0.43	0.38			
115	2.44	2.54	2.69	3.07	3.13	3.14	3.05	2.50	0.77	0.85	0.86	0.97	1.03	1.01	0.71	0.68			
120	2.51	2.56	2.58	3.18	3.17	3.14	3.06	2.46	1.28	1.42	1.52	1.60	1.64	1.66	1.19	1.15			
125	2.58	2.58	2.65	3.21	3.18	3.22	3.08	2.45	1.68	1.87	2.10	2.10	2.08	2.01	1.69	1.54			
130	2.63	2.54	2.71	3.17	3.13	3.18	3.08	2.47	2.03	2.24	2.43	2.40	2.38	2.20	1.96	1.74			
135	2.59	2.33	2.66	3.00	2.98	3.07	2.96	2.32	2.23	2.42	2.47	2.45	2.47	2.23	2.02	1.71			
140	2.58	2.26	2.63	2.89	2.88	2.92	2.81	2.31	2.25	2.40	2.37	2.36	2.36	2.15	1.97	1.61			
145	2.52	2.32	2.61	2.81	2.79	2.81	2.69	2.31	2.15	2.24	2.22	2.25	2.14	2.00	1.87	1.48			
150	2.52	2.47	2.61	2.76	2.70	2.70	2.57	2.29	2.09	2.14	2.12	2.16	2.05	1.89	1.79	1.46			
155	2.59	2.65	2.62	2.72	2.64	2.66	2.54	2.31	2.08	2.10	2.11	2.14	2.04	1.84	1.75	1.44			
160	2.71	2.81	2.70	2.73	2.57	2.61	2.56	2.39	2.37	2.24	2.24	2.28	2.19	1.92	1.92	1.69			
165	2.89	2.97	2.82	2.76	2.55	2.56	2.62	2.52	3.02	2.92	2.89	2.84	2.58	2.41	2.49	2.29			
170	3.18	3.21	2.98	2.84	2.59	2.62	2.75	2.78	3.46	3.38	3.09	2.89	2.61	2.57	2.76	2.71			
175	3.27	3.38	3.08	2.89	2.67	2.69	2.88	2.95	3.47	3.49	3.12	2.91	2.68	2.69	2.93	2.94			
180	3.26	3.29	2.93	2.69	2.47	2.49	2.76	2.94	3.34	3.35	2.98	2.72	2.51	2.53	2.80	3.00			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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: