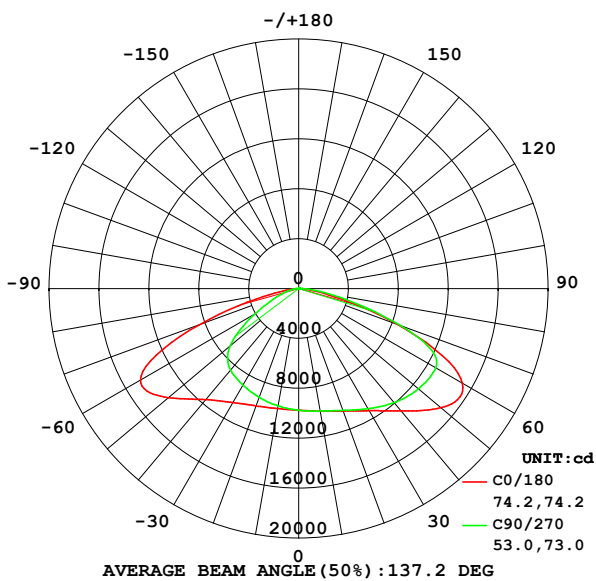
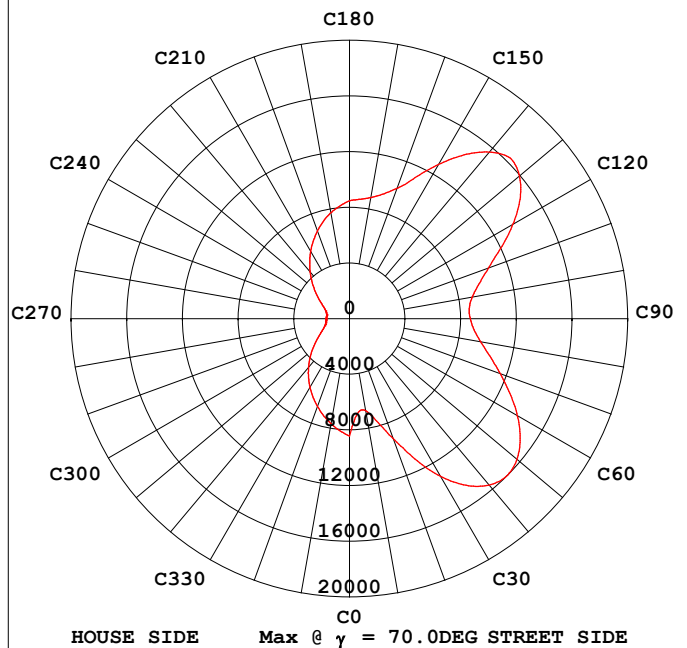


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz
Lamp Flux:51268x1 lm

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

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.84 lm/W			
MODEL		I _{max} (cd)	16350	η street_up (%)	0.2
NOMINAL POWER (W)	400	LOR (%)	100.0	η street_down (%)	60.3
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	51268	η house_up (%)	0.1
NOMINAL FLUX (lm)	51268	MAXIMUM @ (C, γ)	135,70.0	η house_down (%)	39.4
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	24.211

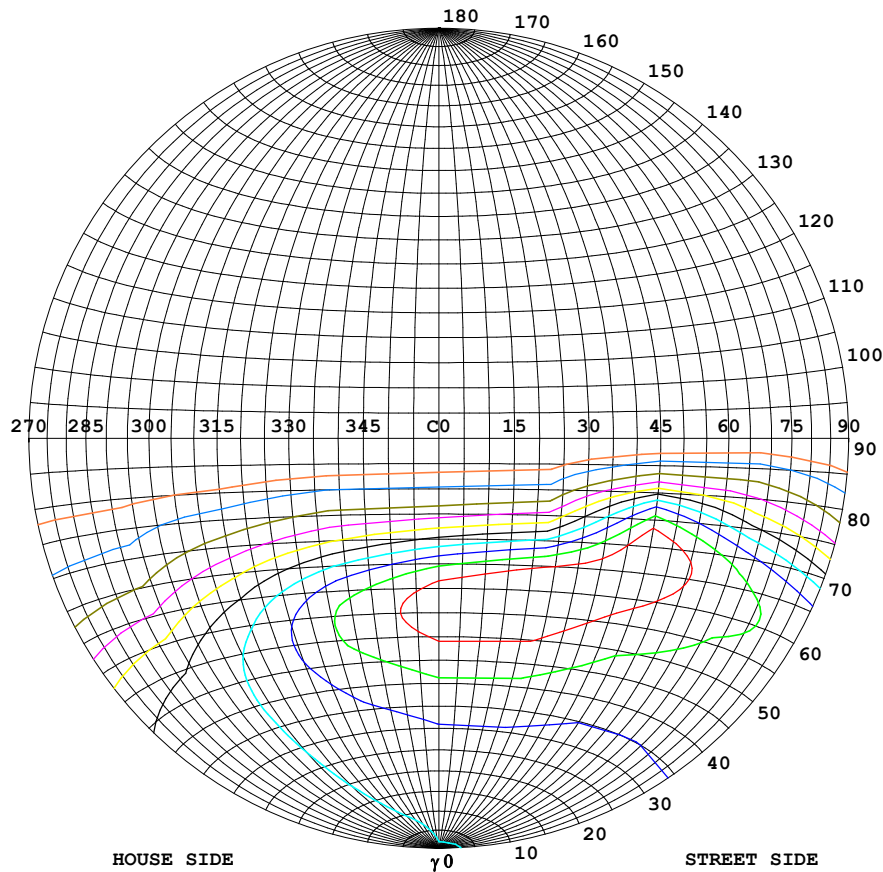
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

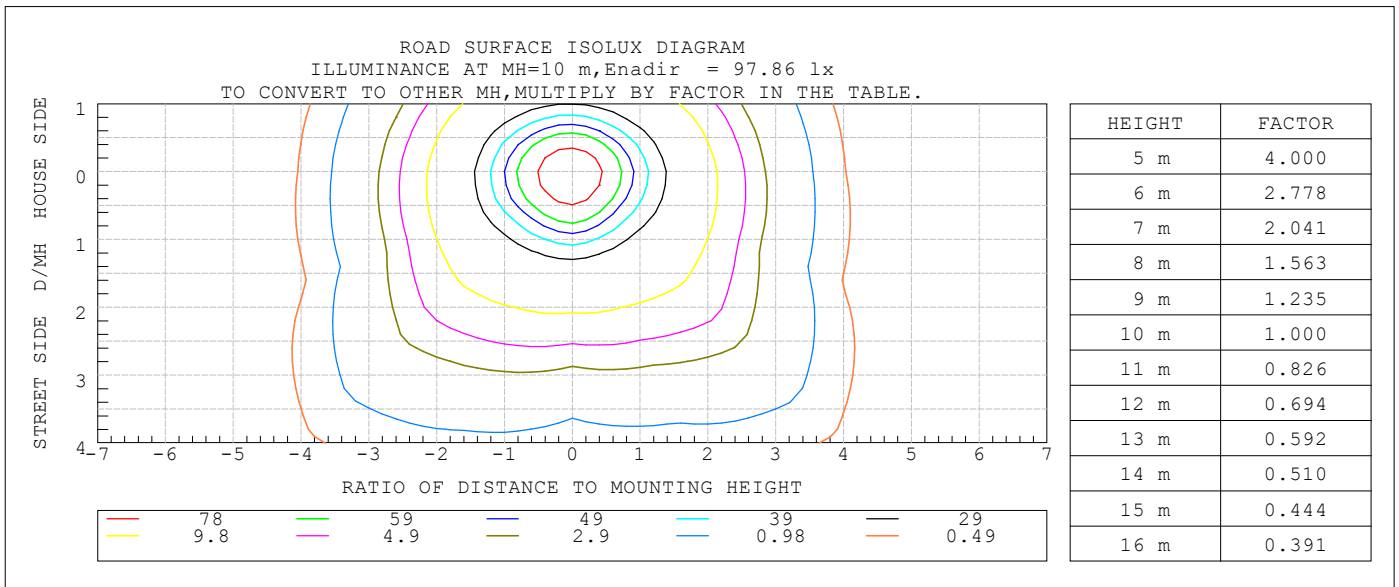
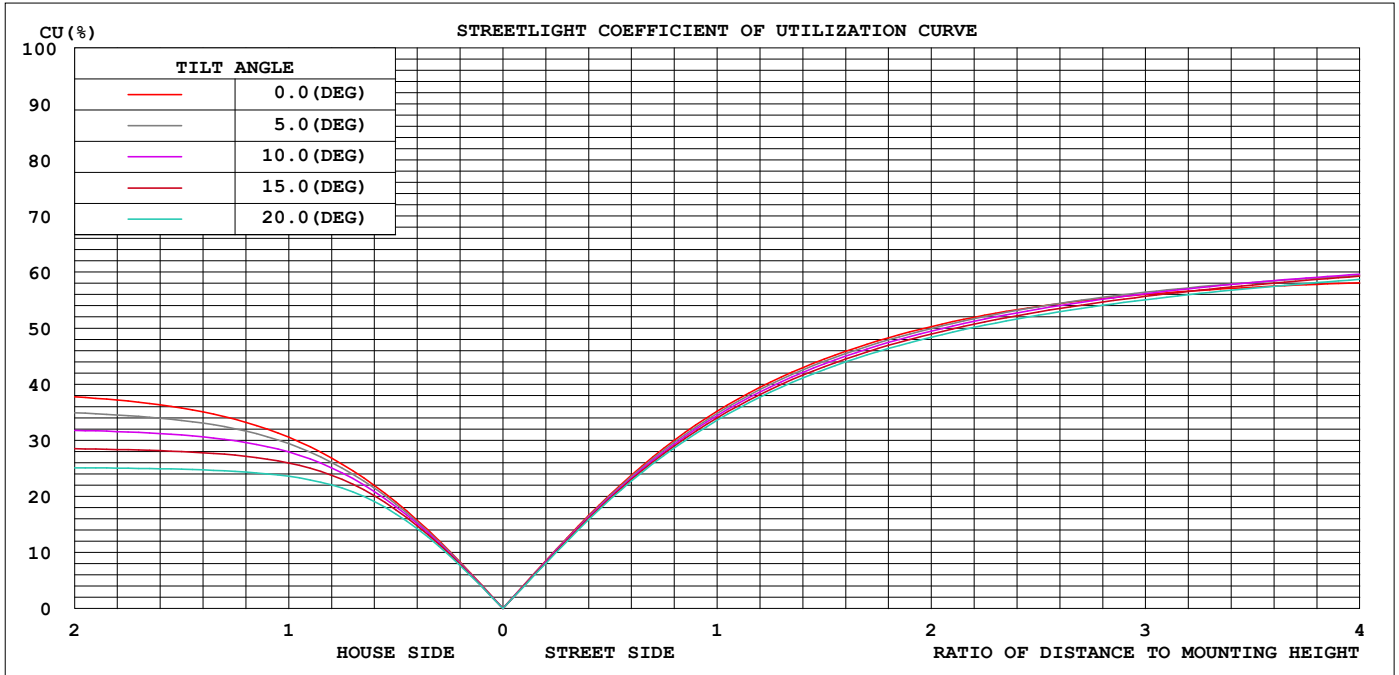
IES:Type IV - Short
CIE:Broad - Long
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:154.1cd/klm
Max.At90:2.482cd/klm
Max.80-90:154.1cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		16350
90%		14715
80%		13080
70%		11445
60%		9810
50%		8175
40%		6540
30%		4905
20%		3270
10%		1635
5%		818

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

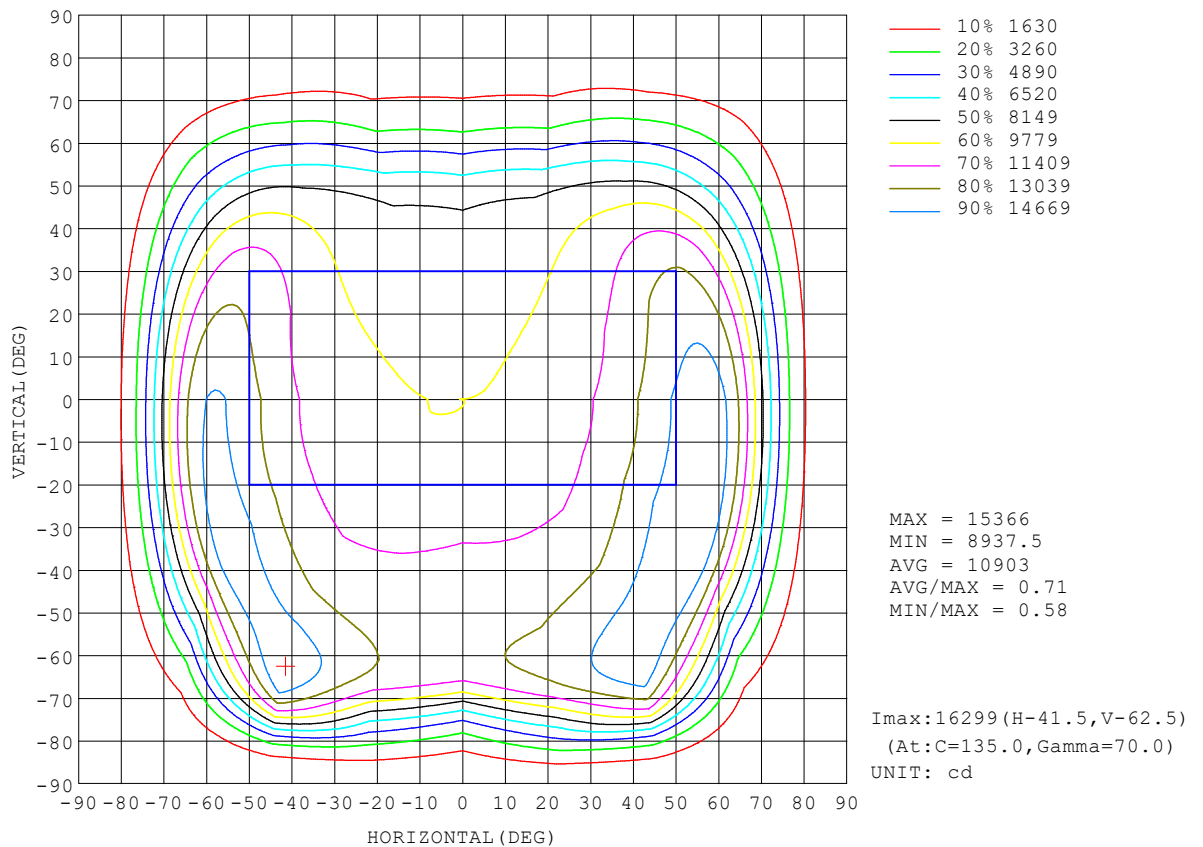
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	998.7	1003	997.1	988.2	977.0	960.3	955.5	974.9	0- 10	934.2	934.2	1.82,1.82
20	1045	1045	1039	1016	1002	951.6	927.4	983.6	10- 20	2810	3744	7.3,7.3
30	1131	1105	1113	1061	1055	945.9	894.3	1000	20- 30	4718	8462	16.5,16.5
40	1280	1194	1192	1129	1163	955.9	850.8	1026	30- 40	6712	15174	29.6,29.6
50	1486	1322	1252	1236	1361	953.0	718.8	1027	40- 50	8827	24001	46.8,46.8
60	1515	1502	1269	1427	1464	778.3	402.4	825.9	50- 60	10549	34550	67.4,67.4
70	844.1	1599	869.5	1635	848.2	384.5	169.9	404.3	60- 70	9996	44546	86.9,86.9
80	175.0	780.0	243.1	790.2	162.4	84.34	64.57	93.24	70- 80	5561	50107	97.7,97.7
90	1.790	12.73	1.305	2.223	0.4702	0.3468	0.2350	0.4671	80- 90	1024	51131	99.7,99.7
100	2.439	1.408	0.8739	1.526	0.3252	0.5115	0.5373	0.4360	90-100	9.863	51141	99.8,99.8
110	3.086	1.907	1.410	2.012	0.9138	1.057	1.363	0.8722	100-110	13.41	51154	99.8,99.8
120	3.304	2.223	1.664	2.399	2.260	2.610	2.521	2.155	110-120	19.45	51174	99.8,99.8
130	3.310	2.771	1.931	2.753	2.916	3.025	2.978	2.614	120-130	23.51	51197	99.9,99.9
140	3.522	3.159	2.804	3.069	3.070	2.827	2.813	2.648	130-140	22.31	51220	99.9,99.9
150	3.638	3.470	3.381	3.239	2.849	2.707	2.687	2.492	140-150	18.69	51238	99.9,99.9
160	4.102	3.855	3.657	3.503	3.481	3.086	3.072	2.785	150-160	14.64	51253	100,100
170	4.710	4.265	3.916	3.824	4.972	4.322	4.056	3.986	160-170	10.77	51264	100,100
180	4.766	4.271	3.867	4.063	4.873	4.348	3.929	4.125	170-180	4.129	51268	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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

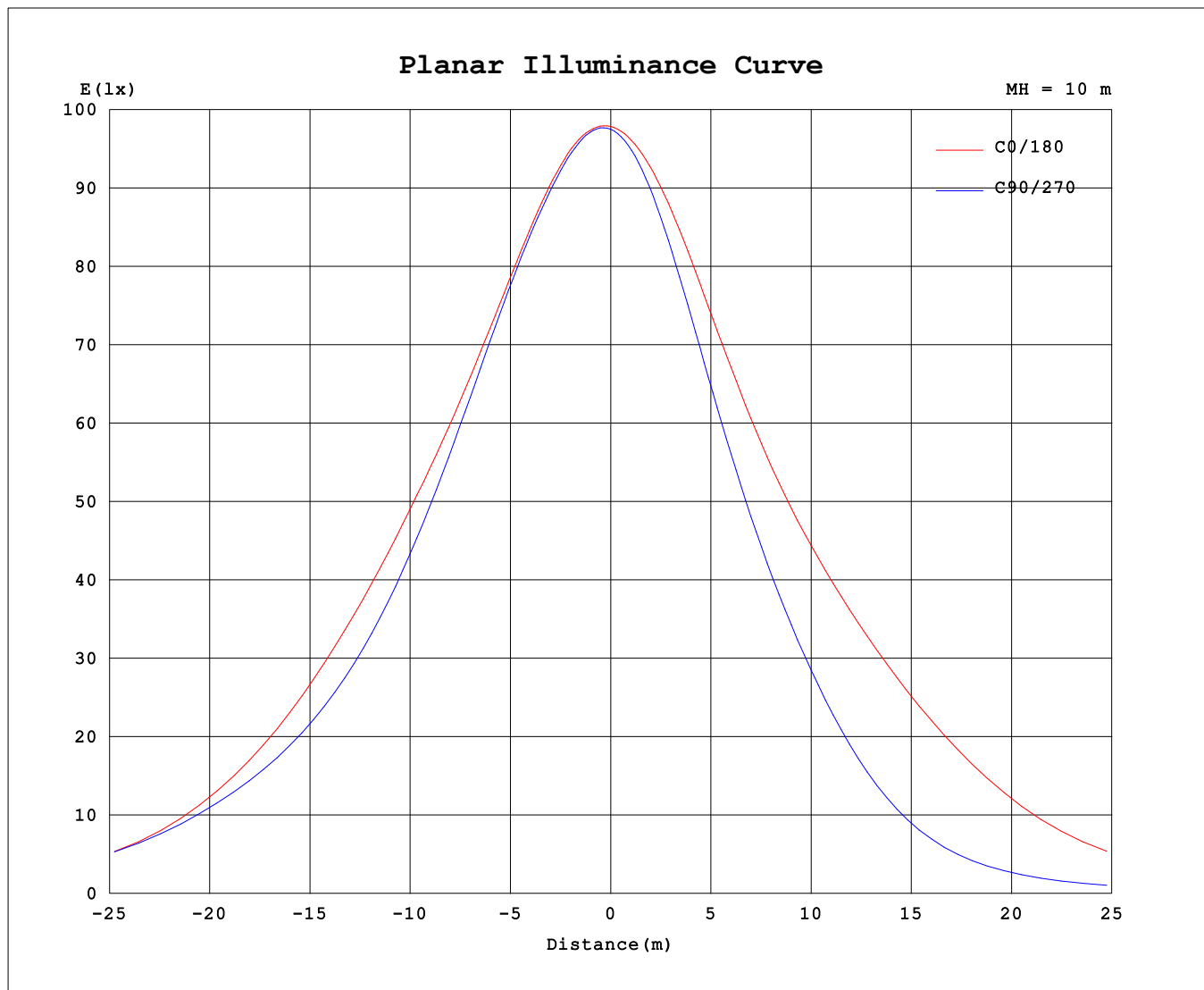
Test:U:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.2°C
Operators:DAMIN
Test Date:2024-03-21

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



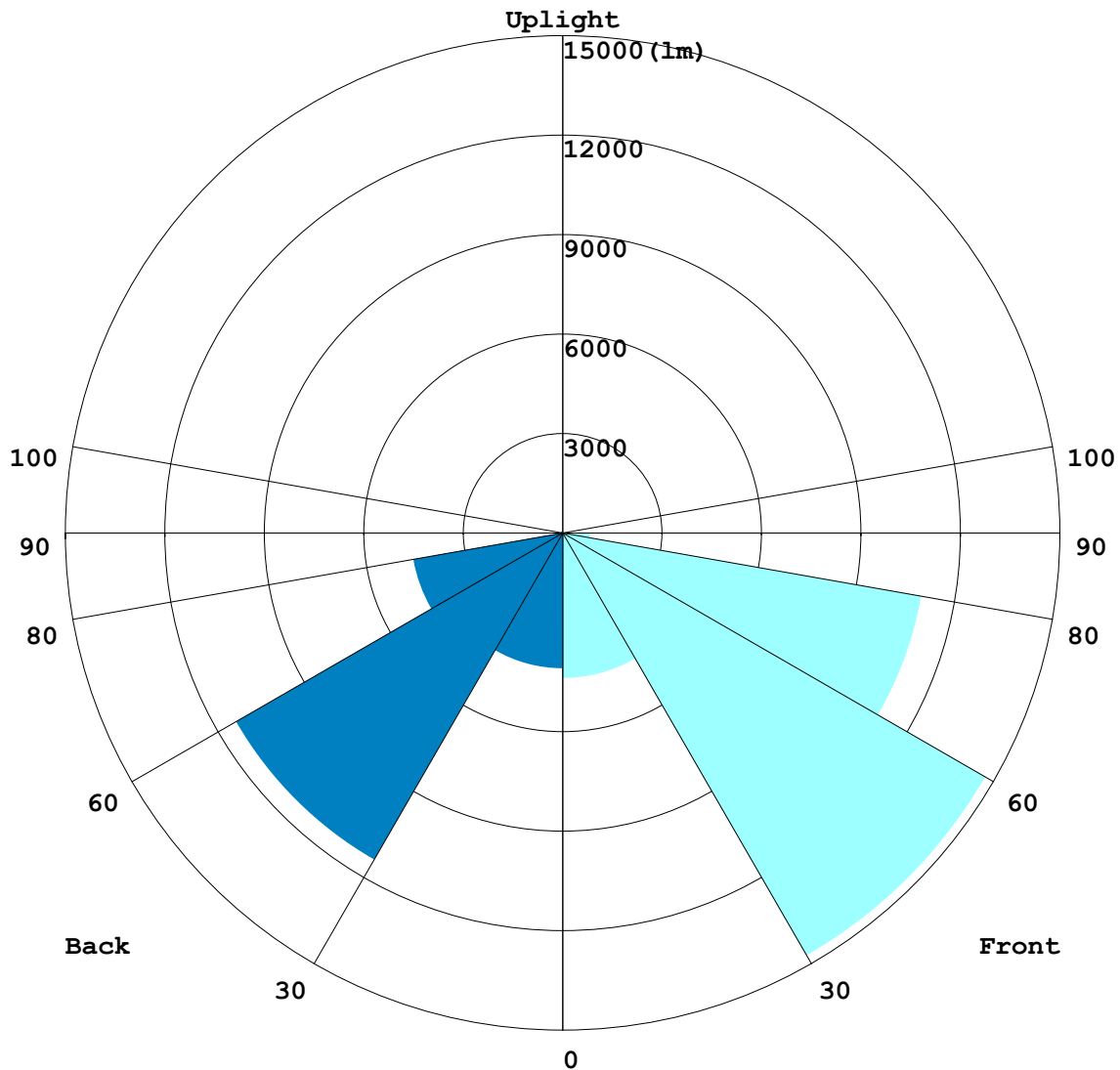
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28.2°C
 Operators: DAMIN
 Test Date: 2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 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: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 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)	4379.7	8.5
FM - Front-Medium(30-60)	14714	28.7
FH - Front-High(60-80)	10980	21.4
FVH - Front-Very High(80-90)	834.21	1.6
Total Forward Light	30987	60.4

BL - Back-Low(0-30)	4082.2	8.0
BM - Back-Medium(30-60)	11374	22.2
BH - Back-High(60-80)	4576.7	8.9
BVH - Back-Very High(80-90)	189.58	0.4
Total Back Light	20281	39.6

UL - Uplight-Low(90-100)	9.8628	0.0
UH - Uplight-High(100-180)	126.91	0.2
Total Up Light	136.78	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	20222	58.889	20281
Street Side	30909	77.887	30987

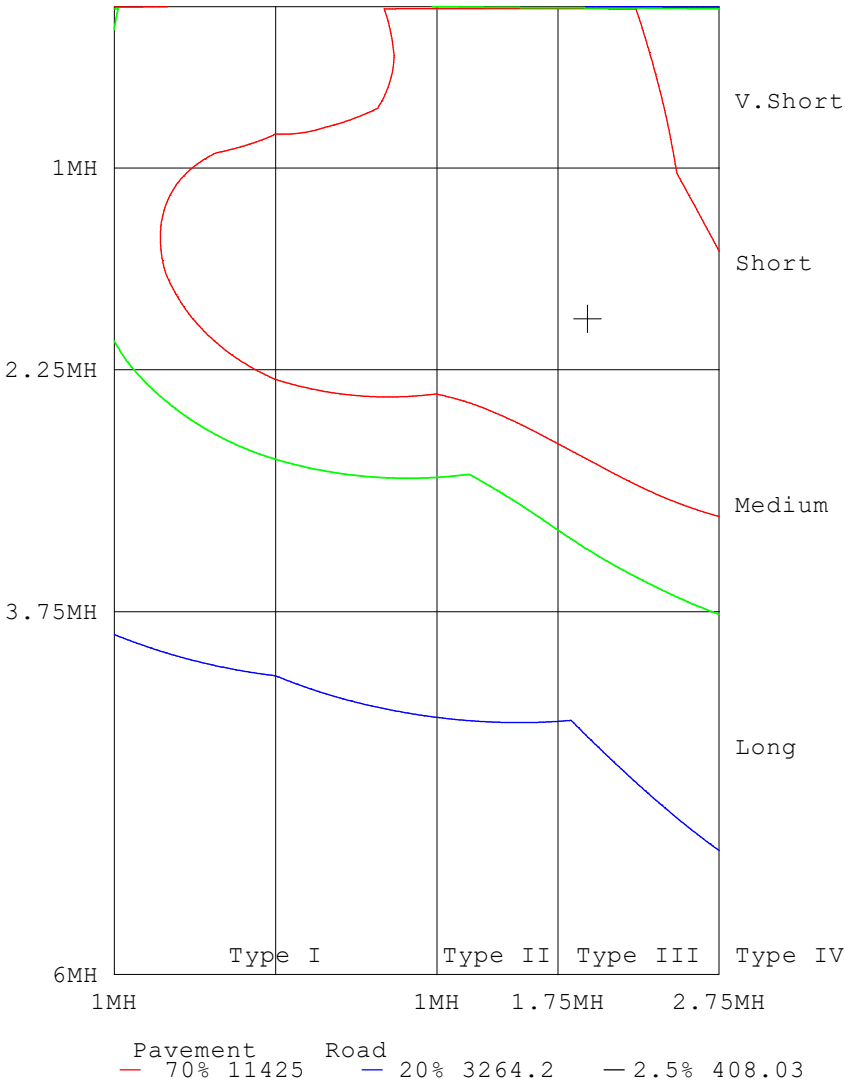
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 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: 28.2℃
Operators:DAMIN
Test Date:2024-03-21

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:118.04V I:3.3231A P:391.85W PF:0.9990 Freq:60.01Hz Lamp Flux:51268x1 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	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976	976			
5	984	986	987	987	985	983	980	977	973	970	967	965	966	969	974	980			
10	999	1003	1003	1001	997	992	988	983	977	969	960	955	955	962	975	988			
15	1018	1024	1022	1019	1014	1007	1000	994	987	973	955	943	943	955	979	1002			
20	1045	1051	1045	1042	1039	1028	1016	1010	1002	980	952	929	927	947	984	1021			
25	1082	1086	1073	1072	1074	1055	1037	1031	1023	994	948	915	911	938	990	1047			
30	1131	1132	1105	1107	1113	1087	1061	1061	1055	1013	946	901	894	928	1000	1082			
35	1196	1192	1145	1144	1153	1120	1091	1102	1099	1043	949	887	876	917	1012	1129			
40	1280	1271	1194	1182	1192	1154	1129	1159	1163	1086	956	870	851	902	1026	1189			
45	1384	1368	1252	1222	1227	1188	1176	1237	1252	1146	962	841	807	872	1036	1261			
50	1486	1475	1322	1261	1252	1222	1236	1342	1361	1207	953	779	719	807	1027	1324			
55	1555	1571	1407	1300	1268	1259	1318	1460	1456	1233	902	656	572	682	967	1337			
60	1515	1606	1502	1338	1269	1295	1427	1549	1464	1162	778	480	402	506	826	1234			
65	1269	1454	1589	1344	1180	1295	1555	1457	1258	951	591	312	264	333	619	982			
70	844	1005	1599	1211	869	1122	1635	1044	848	645	385	194	170	208	404	647			
75	430	537	1370	861	500	761	1447	578	425	364	209	115	108	124	229	370			
80	175	203	780	502	243	416	790	224	162	130	84.3	62.3	64.6	67.6	93.2	162			
85	47.3	61.2	211	202	86.6	163	195	58.7	36.9	22.8	19.9	21.6	27.5	24.3	25.6	35.4			
90	1.79	1.69	12.7	1.90	1.30	1.25	2.22	1.67	0.47	0.40	0.35	0.27	0.24	0.31	0.47	0.58			
95	1.98	1.62	1.33	0.95	0.72	0.92	1.42	1.75	0.26	0.29	0.37	0.30	0.28	0.27	0.35	0.30			
100	2.44	1.95	1.41	1.01	0.87	1.04	1.53	2.06	0.33	0.51	0.51	0.44	0.54	0.49	0.44	0.34			
105	2.83	2.28	1.67	1.24	1.15	1.31	1.80	2.37	0.57	0.80	0.70	0.72	0.93	0.75	0.62	0.52			
110	3.09	2.56	1.91	1.54	1.41	1.51	2.01	2.57	0.91	1.05	1.06	1.28	1.36	1.12	0.87	0.75			
115	3.26	2.83	2.07	1.89	1.52	1.73	2.23	2.68	1.48	1.51	1.70	2.03	1.94	1.86	1.35	1.21			
120	3.30	3.01	2.22	2.21	1.66	1.89	2.40	2.70	2.26	2.22	2.61	2.74	2.52	2.47	2.15	1.89			
125	3.31	3.12	2.54	2.48	1.76	2.13	2.58	2.73	2.65	2.62	3.01	2.98	2.79	2.67	2.57	2.31			
130	3.31	3.12	2.77	2.71	1.93	2.45	2.75	2.78	2.92	2.94	3.03	2.95	2.98	2.77	2.61	2.47			
135	3.42	3.09	3.00	2.92	2.38	2.84	2.92	2.90	3.07	3.09	2.92	2.87	2.93	2.78	2.66	2.50			
140	3.52	3.11	3.16	3.14	2.80	3.11	3.07	3.04	3.07	3.06	2.83	2.80	2.81	2.69	2.65	2.41			
145	3.54	3.22	3.31	3.35	3.11	3.28	3.16	3.10	2.96	2.88	2.70	2.76	2.72	2.58	2.58	2.27			
150	3.64	3.44	3.47	3.55	3.38	3.40	3.24	3.15	2.85	2.80	2.71	2.77	2.69	2.50	2.49	2.19			
155	3.84	3.78	3.66	3.74	3.56	3.53	3.37	3.25	3.01	2.89	2.80	2.86	2.78	2.60	2.52	2.27			
160	4.10	4.12	3.85	3.89	3.66	3.61	3.50	3.40	3.48	3.23	3.09	3.13	3.07	2.85	2.78	2.60			
165	4.38	4.39	4.07	4.03	3.76	3.64	3.62	3.59	4.37	4.12	3.90	3.88	3.74	3.56	3.57	3.40			
170	4.71	4.64	4.26	4.18	3.92	3.76	3.82	3.89	4.97	4.77	4.32	4.23	4.06	3.91	3.99	3.90			
175	4.81	4.92	4.45	4.32	4.08	3.94	4.12	4.16	5.05	5.07	4.51	4.39	4.17	4.07	4.25	4.21			
180	4.77	4.80	4.27	4.09	3.87	3.76	4.06	4.23	4.87	4.89	4.35	4.15	3.93	3.82	4.13	4.31			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature: 28.2℃

Operators:DAMIN

Test Date:2024-03-21

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: