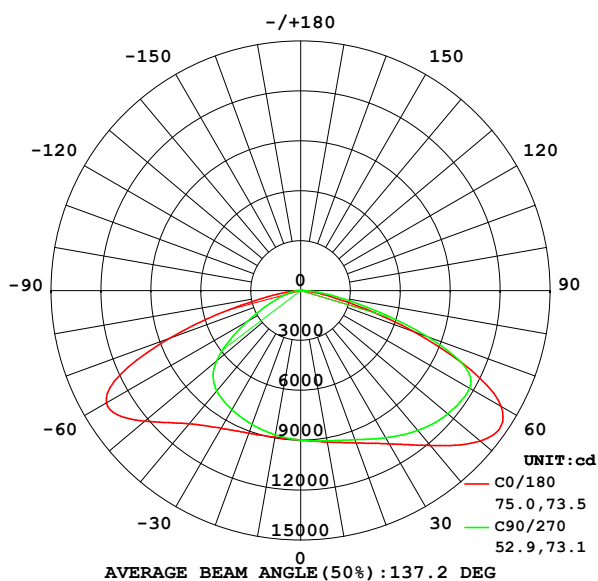
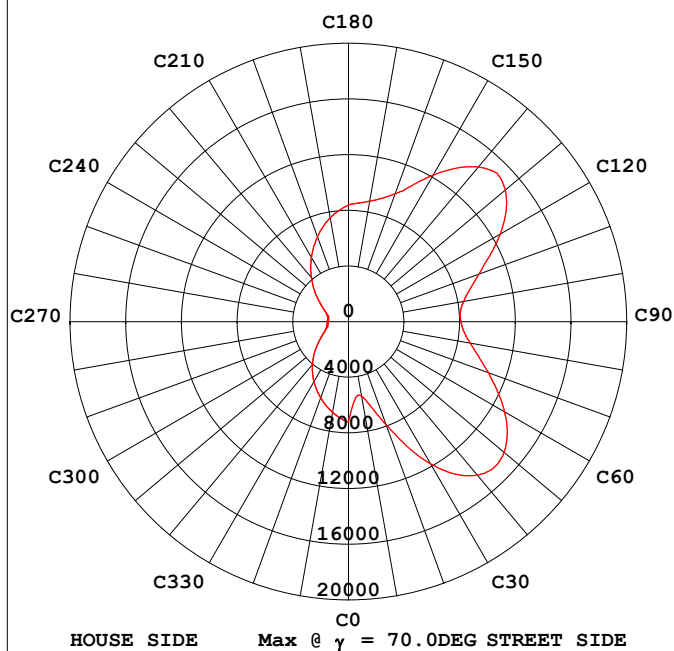


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.64 lm/W			
MODEL		I _{max} (cd)	15085	η street_up (%)	0.1
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	60.3
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	47303	η house_up (%)	0.1
NOMINAL FLUX (lm)	47303.4	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	24.031

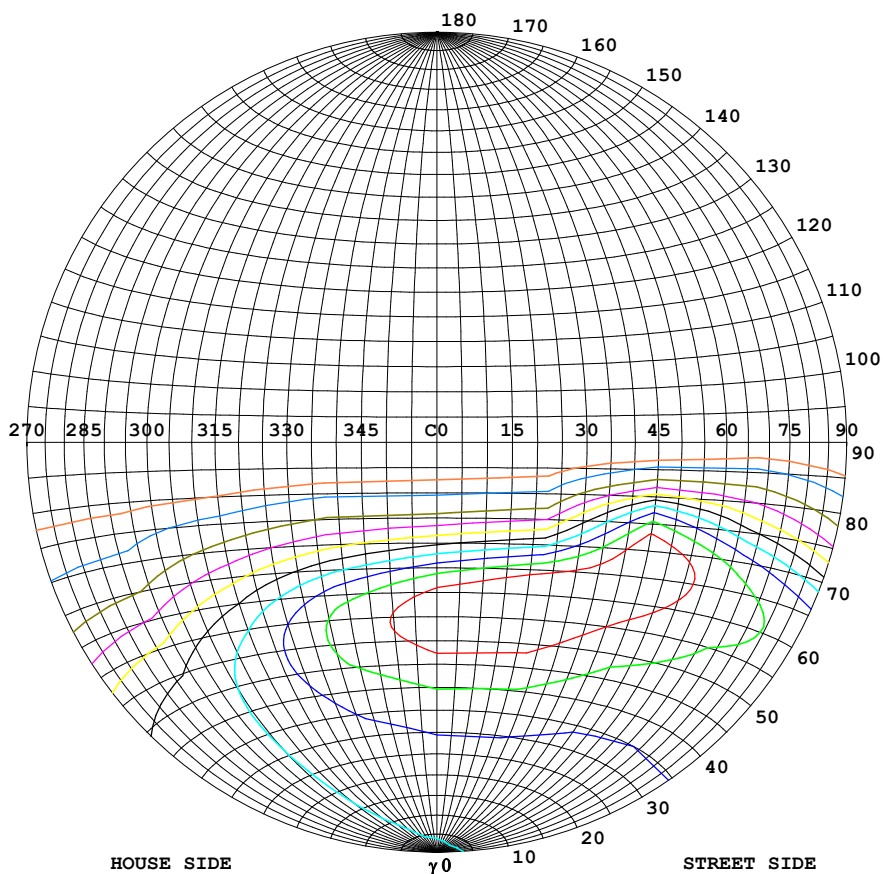
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



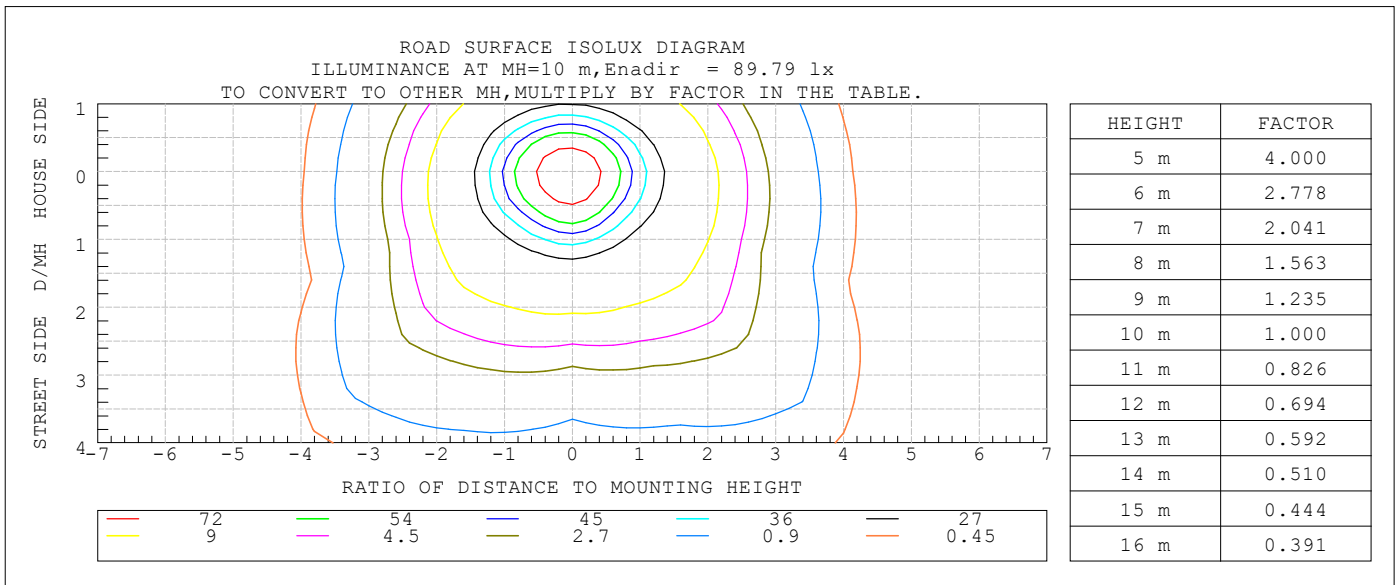
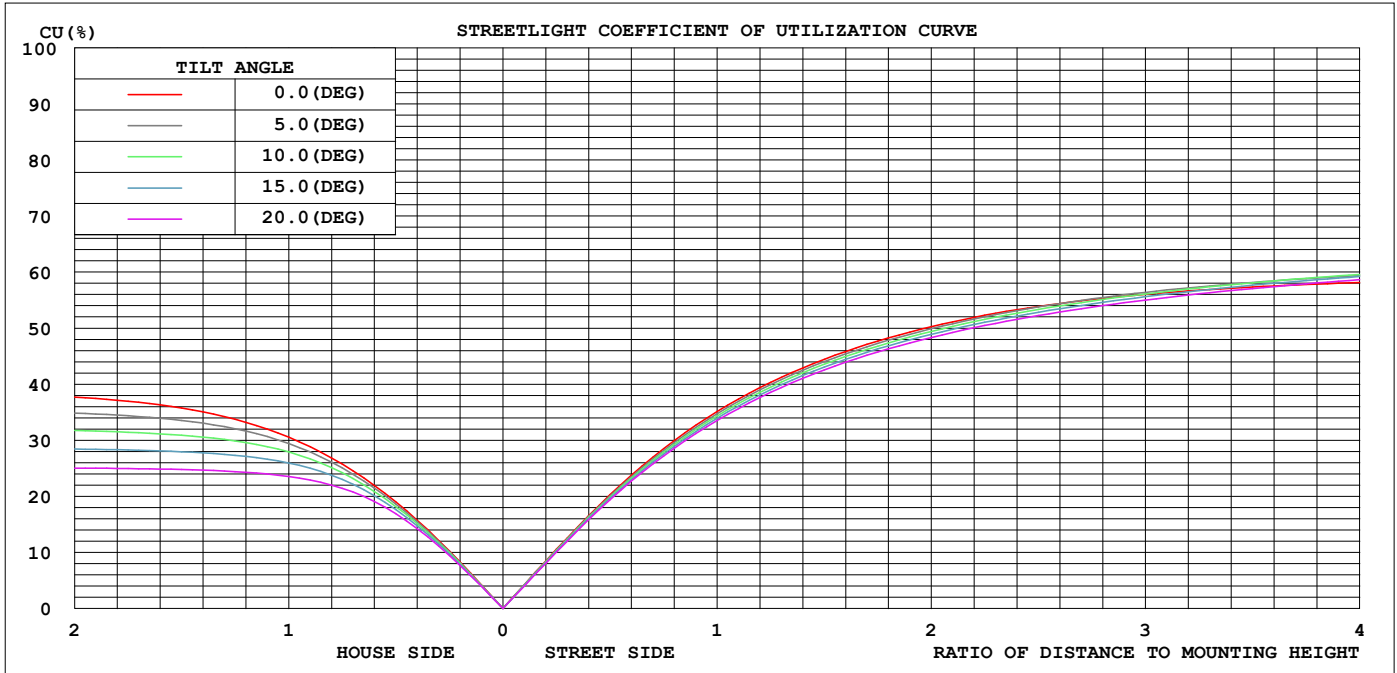
Classification:

IES:Type IV - Short
CIE:Broad - Long
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:170.2cd/klm
Max.At90:0.5161cd/klm
Max.80-90:170.2cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		15085
90%		13577
80%		12068
70%		10560
60%		9051
50%		7543
40%		6034
30%		4526
20%		3017
10%		1509
5%		754

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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: 25.1°C
Operators:DAMIN
Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

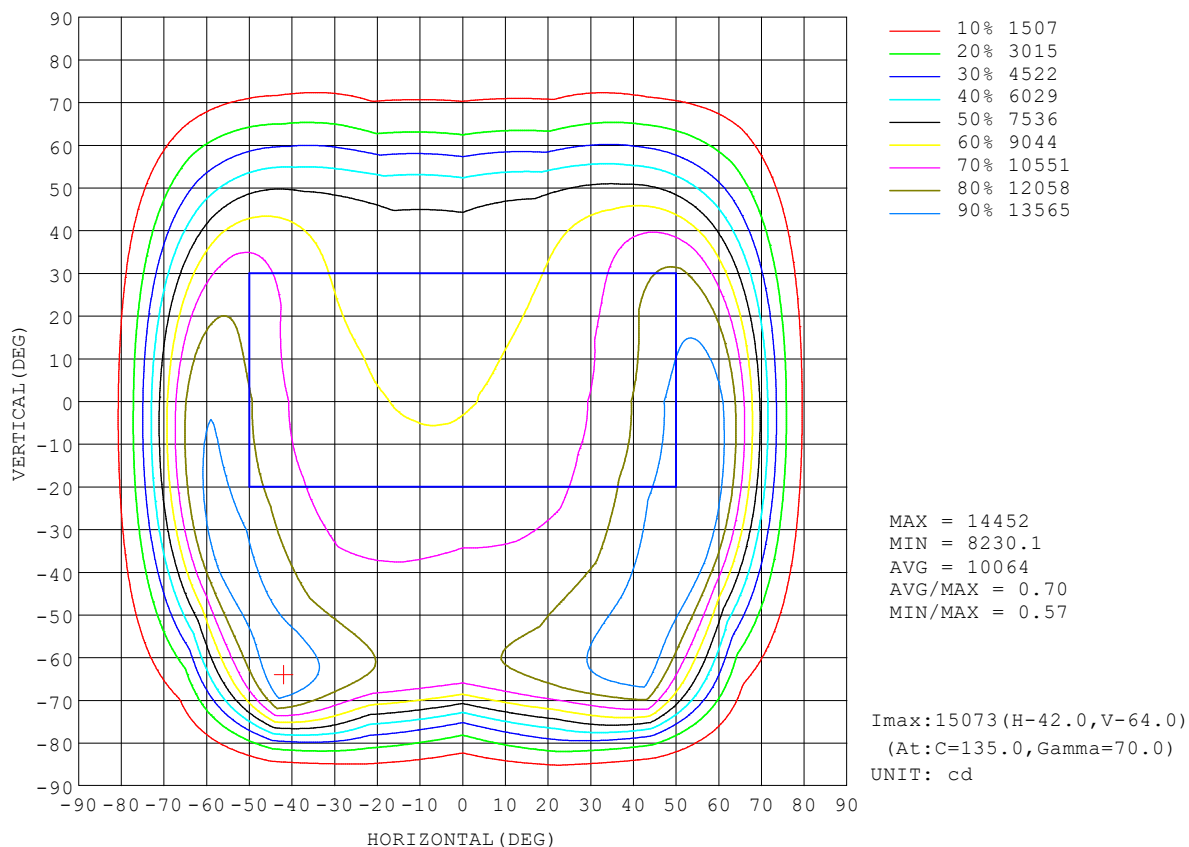
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	924.3	927.0	917.3	906.3	895.3	882.1	880.9	902.9	0- 10	860.7	860.7	1.82,1.82
20	974.6	968.8	954.2	928.8	912.5	870.9	856.9	915.5	10- 20	2589	3450	7.29,7.29
30	1064	1028	1022	965.9	955.6	864.4	826.6	936.6	20- 30	4351	7801	16.5,16.5
40	1216	1118	1097	1024	1046	869.3	786.0	965.5	30- 40	6197	13998	29.6,29.6
50	1406	1243	1154	1118	1222	866.0	661.2	963.5	40- 50	8151	22149	46.8,46.8
60	1392	1414	1173	1291	1348	715.2	367.4	754.3	50- 60	9721	31870	67.4,67.4
70	723.6	1482	809.4	1509	839.9	360.2	153.9	357.0	60- 70	9208	41078	86.8,86.8
80	134.7	672.4	226.1	805.3	172.3	82.59	57.95	77.05	70- 80	5152	46230	97.7,97.7
90	1.668	2.206	1.223	2.441	0.5479	0.3473	0.2111	0.3662	80- 90	953.2	47183	99.7,99.7
100	2.290	1.333	0.8009	1.433	0.2718	0.4585	0.4988	0.3920	90-100	9.281	47193	99.8,99.8
110	2.843	1.802	1.097	1.884	0.7822	0.9493	1.254	0.9062	100-110	12.28	47205	99.8,99.8
120	2.997	2.029	1.336	2.204	1.827	2.215	2.217	1.767	110-120	17.41	47222	99.8,99.8
130	2.955	2.511	2.086	2.509	2.409	2.577	2.533	2.135	120-130	20.75	47243	99.9,99.9
140	3.031	2.782	2.572	2.697	2.479	2.354	2.275	2.111	130-140	19.20	47262	99.9,99.9
150	3.178	3.065	2.952	2.872	2.410	2.317	2.228	2.068	140-150	15.90	47278	99.9,99.9
160	3.520	3.340	3.173	3.081	2.805	2.578	2.501	2.165	150-160	12.46	47291	100,100
170	4.157	3.780	3.403	3.390	4.246	3.721	3.392	3.316	160-170	9.132	47300	100,100
180	4.200	3.788	3.331	3.564	4.298	3.854	3.387	3.619	170-180	3.601	47303	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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

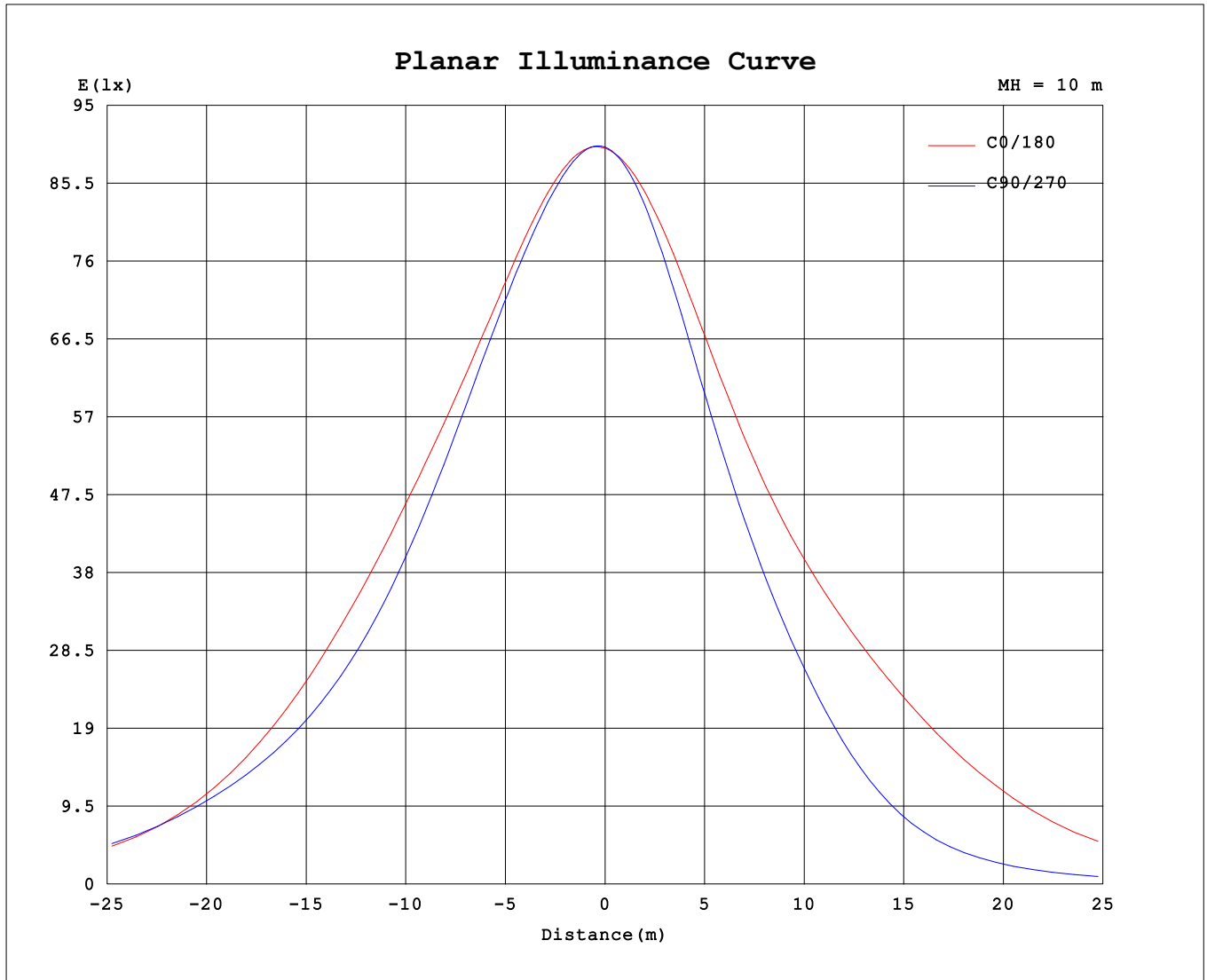
Test:U:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1°C
Operators:DAMIN
Test Date:2024-01-05

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



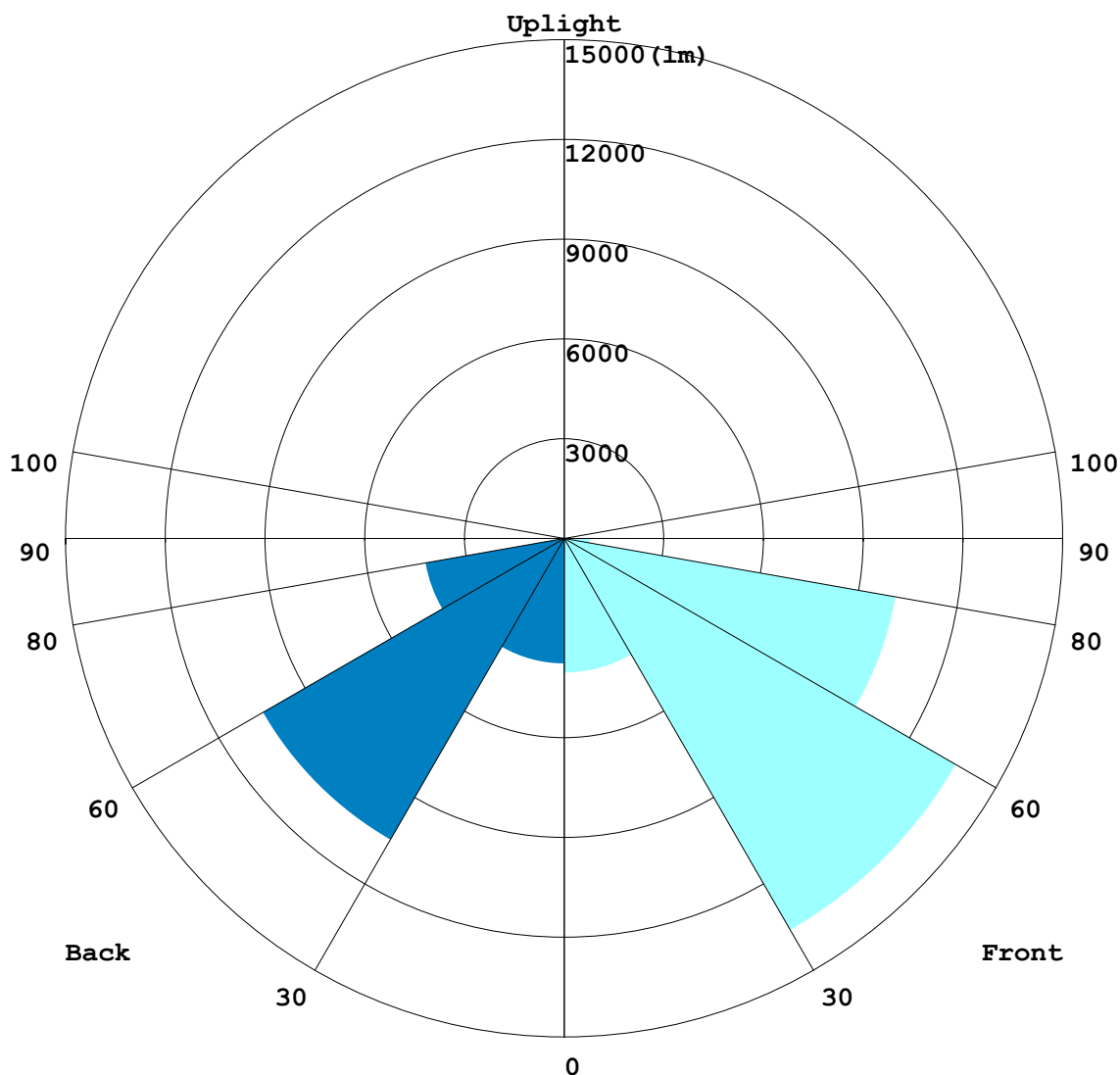
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1°C
 Operators:DAMIN
 Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 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: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 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)	4037.2	8.5
FM - Front-Medium(30-60)	13608	28.8
FH - Front-High(60-80)	10122	21.4
FVH - Front-Very High(80-90)	775.09	1.6
Total Forward Light	28613	60.5

BL - Back-Low(0-30)	3763.4	8.0
BM - Back-Medium(30-60)	10462	22.1
BH - Back-High(60-80)	4237.9	9.0
BVH - Back-Very High(80-90)	178.12	0.4
Total Back Light	18691	39.5

UL - Uplight-Low(90-100)	9.2811	0.0
UH - Uplight-High(100-180)	110.73	0.2
Total Up Light	120.01	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	18641	49.609	18691
Street Side	28542	70.403	28613

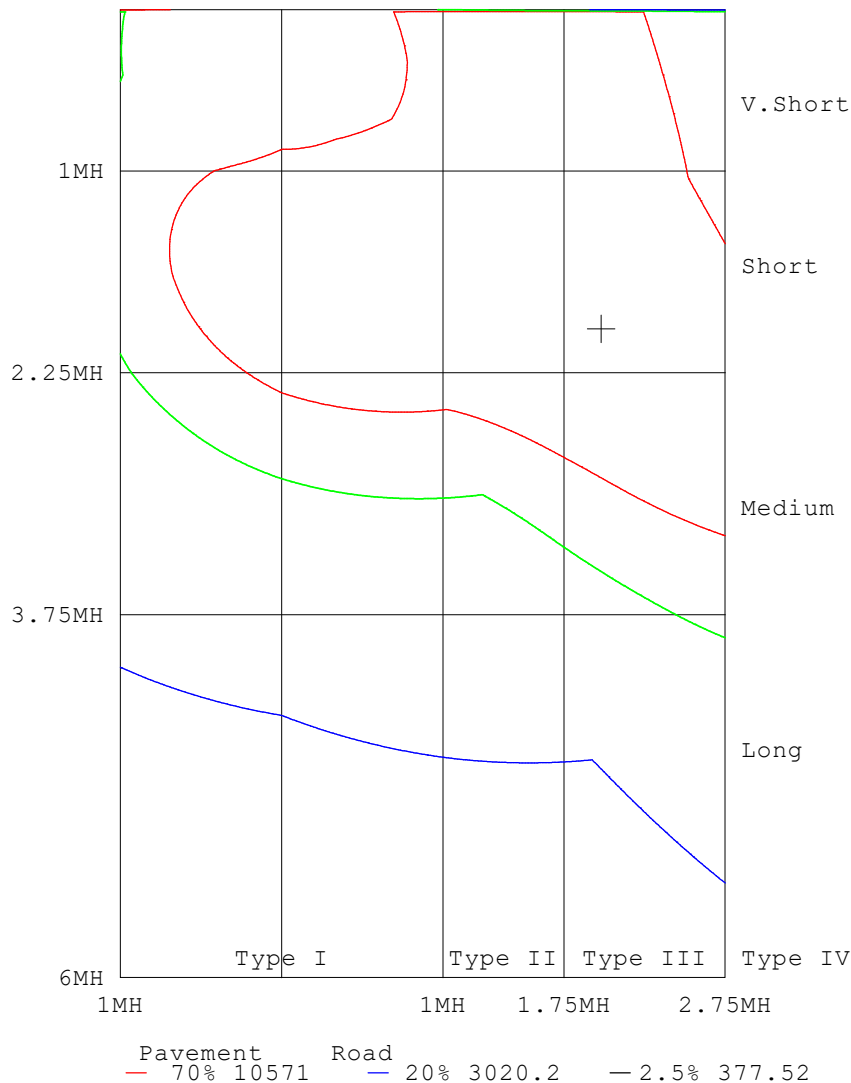
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 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: 25.1℃
 Operators:DAMIN
 Test Date:2024-01-05

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:118.03V I:2.9156A P:343.68W PF:0.9987 Freq:60.01Hz Lamp Flux:47303.4x1 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	899	899	899	899	899	899	899	899	899	899	899	899	899	899	899	899			
5	909	911	911	910	907	904	901	898	894	891	889	889	891	894	900	905			
10	924	928	927	923	917	911	906	901	895	889	882	879	881	890	903	916			
15	946	950	946	940	932	923	916	909	901	890	876	868	870	884	909	932			
20	975	978	969	962	954	941	929	921	913	895	871	855	857	878	915	952			
25	1013	1014	996	989	985	965	945	938	930	905	867	842	842	872	924	980			
30	1064	1061	1028	1022	1022	994	966	962	956	920	864	828	827	863	937	1018			
35	1131	1123	1068	1056	1060	1025	992	996	993	944	864	815	809	853	950	1067			
40	1216	1202	1118	1093	1097	1055	1024	1044	1046	980	869	799	786	839	966	1128			
45	1315	1296	1175	1131	1130	1087	1066	1112	1123	1031	874	771	745	811	976	1198			
50	1406	1397	1243	1169	1154	1119	1118	1205	1222	1089	866	714	661	748	964	1253			
55	1456	1478	1325	1208	1170	1153	1191	1317	1319	1119	822	601	523	628	898	1249			
60	1392	1494	1414	1243	1173	1189	1291	1413	1348	1071	715	440	367	462	754	1129			
65	1128	1311	1491	1250	1094	1196	1415	1369	1198	897	549	287	240	301	556	873			
70	724	875	1482	1124	809	1050	1509	1018	840	622	360	177	154	187	357	563			
75	350	452	1245	793	466	722	1374	579	446	359	199	106	97.8	110	196	315			
80	135	165	672	456	226	399	805	232	172	134	82.6	57.5	58.0	59.2	77.1	129			
85	33.8	46.1	178	180	81.3	163	210	68.2	45.7	26.0	21.3	20.4	24.5	20.5	19.2	26.0			
90	1.67	1.60	2.21	1.63	1.22	1.52	2.44	1.79	0.55	0.45	0.35	0.26	0.21	0.26	0.37	0.44			
95	1.91	1.56	1.34	0.98	0.72	0.95	1.47	1.65	0.24	0.27	0.33	0.26	0.26	0.25	0.32	0.25			
100	2.29	1.82	1.33	0.94	0.80	0.98	1.43	1.88	0.27	0.44	0.46	0.40	0.50	0.47	0.39	0.31			
105	2.62	2.11	1.56	1.12	1.00	1.17	1.65	2.16	0.48	0.71	0.64	0.65	0.87	0.73	0.57	0.47			
110	2.84	2.36	1.80	1.41	1.10	1.42	1.88	2.36	0.78	0.93	0.95	1.14	1.25	1.10	0.91	0.69			
115	2.99	2.60	1.90	1.72	1.12	1.66	2.07	2.48	1.23	1.28	1.48	1.79	1.74	1.65	1.26	1.04			
120	3.00	2.73	2.03	2.00	1.34	1.89	2.20	2.51	1.83	1.81	2.21	2.36	2.22	2.17	1.77	1.54			
125	2.97	2.80	2.31	2.26	1.76	2.13	2.37	2.52	2.18	2.17	2.58	2.58	2.50	2.32	2.06	1.88			
130	2.95	2.78	2.51	2.48	2.09	2.32	2.51	2.54	2.41	2.45	2.58	2.52	2.53	2.35	2.14	1.96			
135	2.98	2.67	2.67	2.65	2.37	2.56	2.62	2.59	2.52	2.58	2.47	2.37	2.42	2.26	2.13	1.90			
140	3.03	2.67	2.78	2.79	2.57	2.75	2.70	2.66	2.48	2.51	2.35	2.31	2.27	2.16	2.11	1.80			
145	3.07	2.80	2.92	2.95	2.78	2.89	2.79	2.72	2.40	2.40	2.30	2.32	2.19	2.07	2.09	1.73			
150	3.18	3.04	3.07	3.11	2.95	2.99	2.87	2.79	2.41	2.40	2.32	2.34	2.23	2.07	2.07	1.77			
155	3.33	3.31	3.18	3.23	3.08	3.08	2.97	2.86	2.46	2.44	2.40	2.44	2.30	2.12	2.03	1.76			
160	3.52	3.58	3.34	3.36	3.17	3.15	3.08	2.97	2.80	2.65	2.58	2.62	2.50	2.27	2.17	1.96			
165	3.78	3.84	3.54	3.49	3.26	3.19	3.18	3.14	3.58	3.45	3.32	3.28	3.09	2.91	2.85	2.65			
170	4.16	4.16	3.78	3.66	3.40	3.29	3.39	3.46	4.25	4.13	3.72	3.60	3.39	3.27	3.32	3.23			
175	4.27	4.44	3.98	3.80	3.56	3.45	3.64	3.70	4.38	4.44	3.91	3.76	3.56	3.50	3.67	3.64			
180	4.20	4.27	3.79	3.57	3.33	3.26	3.56	3.73	4.30	4.36	3.85	3.63	3.39	3.32	3.62	3.81			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:DAMIN
Test Date:2024-01-05

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: