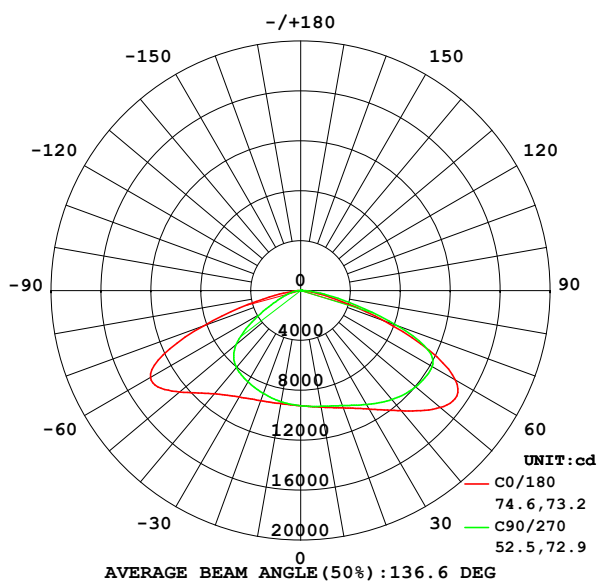
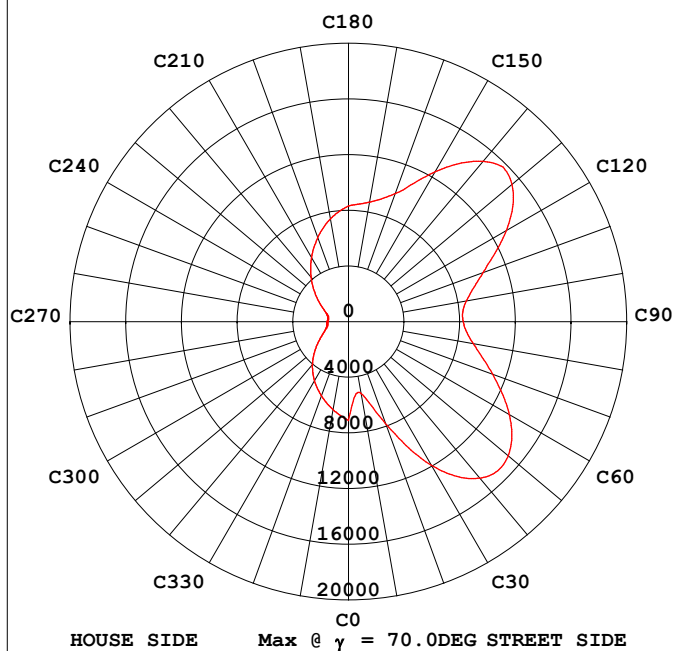


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.76 lm/W			
MODEL		I _{max} (cd)	15710	η street_up (%)	0.1
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	60.5
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	48590	η house_up (%)	0.1
NOMINAL FLUX (lm)	48589.7	MAXIMUM @ (C, γ)	135,70.0	η house_down (%)	39.3
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	24.008

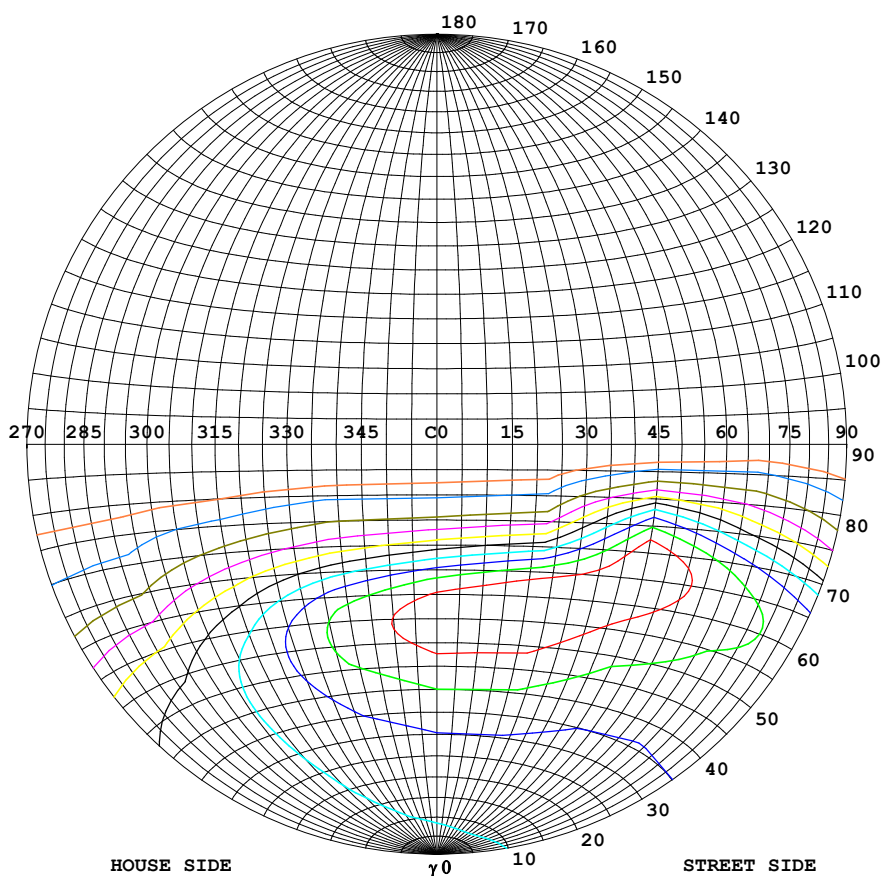
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

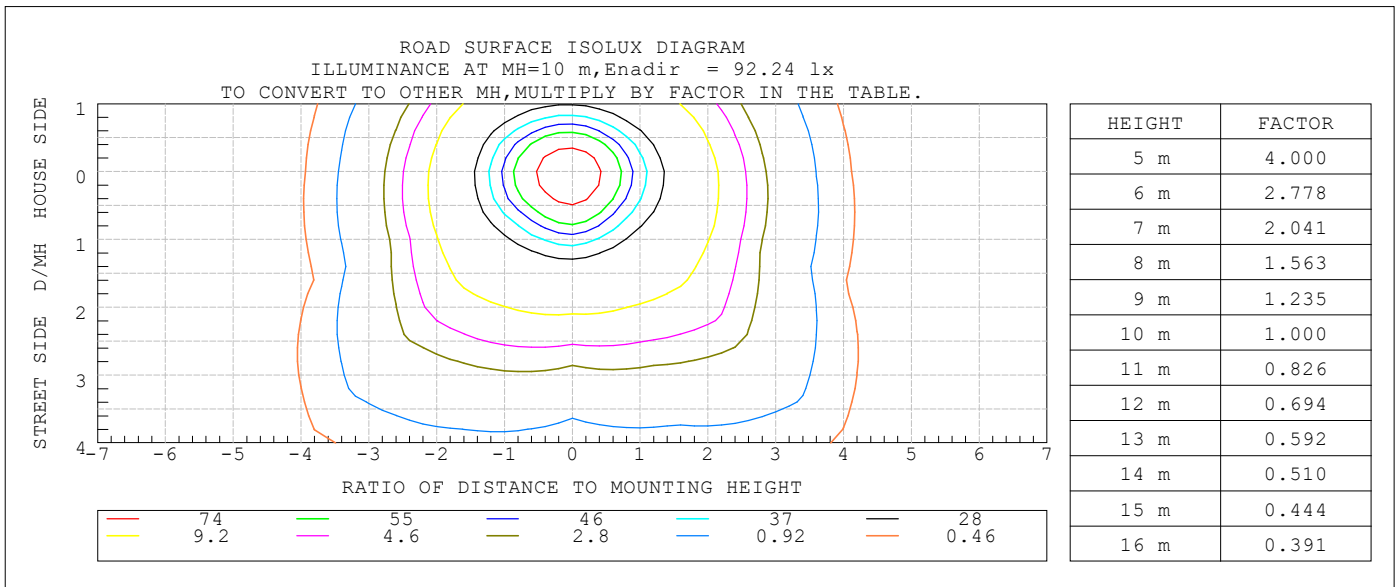
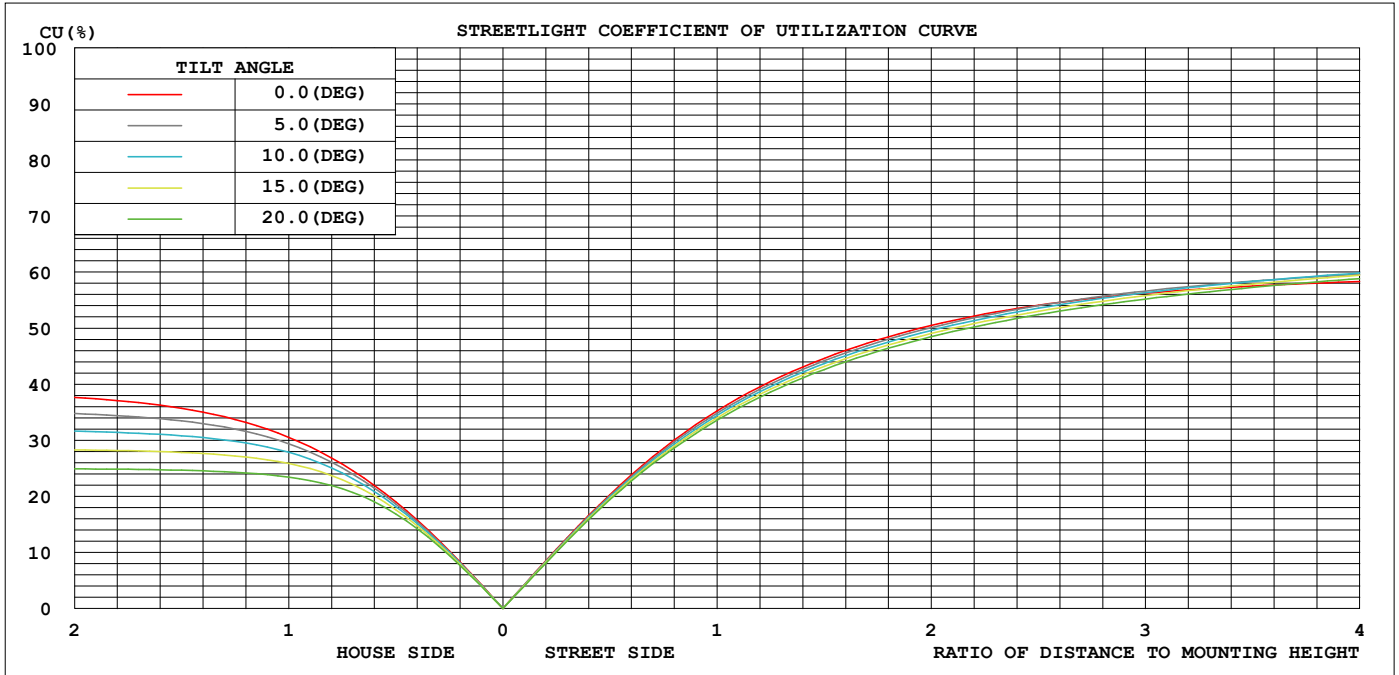
IES:Type IV - Short
CIE:Broad - Long
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:165.2cd/klm
Max.At90:2.101cd/klm
Max.80-90:165.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15710
90%	14139
80%	12568
70%	10997
60%	9426
50%	7855
40%	6284
30%	4713
20%	3142
10%	1571
5%	785

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
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: 25.2°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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

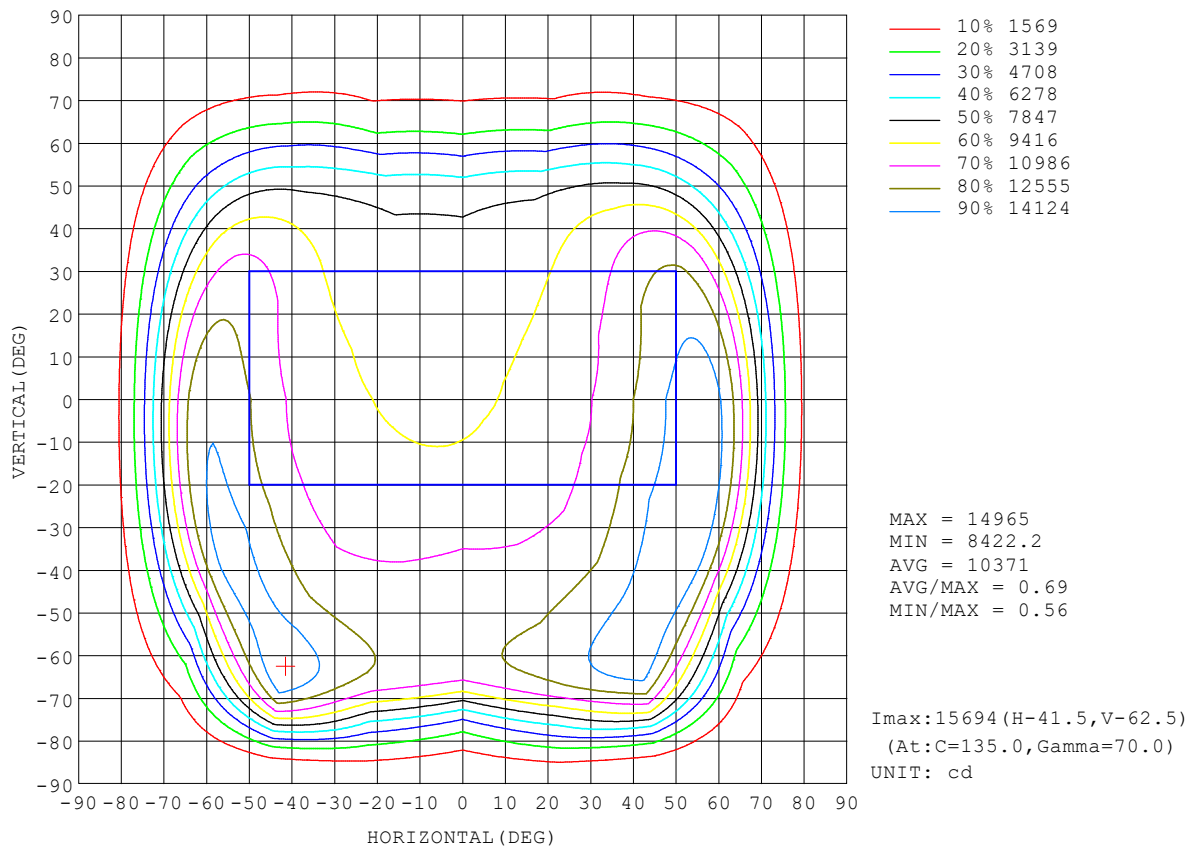
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	949.3	952.2	942.5	931.7	920.6	906.5	904.7	927.0	0- 10	884.3	884.3	1.82,1.82
20	1001	995.2	981.5	955.9	939.5	895.1	878.2	939.9	10- 20	2661	3545	7.3,7.3
30	1097	1059	1055	996.0	985.8	888.6	845.7	961.5	20- 30	4474	8019	16.5,16.5
40	1258	1154	1140	1060	1081	892.4	803.2	992.4	30- 40	6388	14407	29.7,29.7
50	1459	1287	1202	1160	1265	887.8	676.2	993.3	40- 50	8424	22831	47,47
60	1432	1461	1217	1345	1391	730.9	372.7	777.8	50- 60	10060	32891	67.7,67.7
70	711.0	1517	825.8	1571	832.2	365.0	154.6	359.1	60- 70	9442	42333	87.1,87.1
80	136.6	680.5	224.9	802.5	175.4	82.68	58.31	76.46	70- 80	5173	47507	97.8,97.8
90	1.662	2.250	1.197	10.21	0.5467	0.3486	0.2125	0.3687	80- 90	959.6	48466	99.7,99.7
100	2.349	1.363	0.8135	1.467	0.2725	0.4636	0.5063	0.4007	90-100	9.677	48476	99.8,99.8
110	2.925	1.840	1.120	1.942	0.7801	0.9634	1.283	0.9232	100-110	12.54	48488	99.8,99.8
120	3.099	2.087	1.366	2.272	1.868	2.258	2.290	1.823	110-120	17.85	48506	99.8,99.8
130	3.050	2.584	2.137	2.583	2.480	2.662	2.622	2.213	120-130	21.37	48528	99.9,99.9
140	3.129	2.863	2.637	2.772	2.554	2.433	2.356	2.186	130-140	19.81	48547	99.9,99.9
150	3.274	3.155	3.029	2.949	2.482	2.391	2.301	2.139	140-150	16.39	48564	99.9,99.9
160	3.626	3.439	3.260	3.165	2.887	2.656	2.580	2.236	150-160	12.83	48577	100,100
170	4.279	3.889	3.497	3.483	4.370	3.834	3.495	3.417	160-170	9.402	48586	100,100
180	4.324	3.898	3.428	3.668	4.423	3.965	3.485	3.723	170-180	3.706	48590	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
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

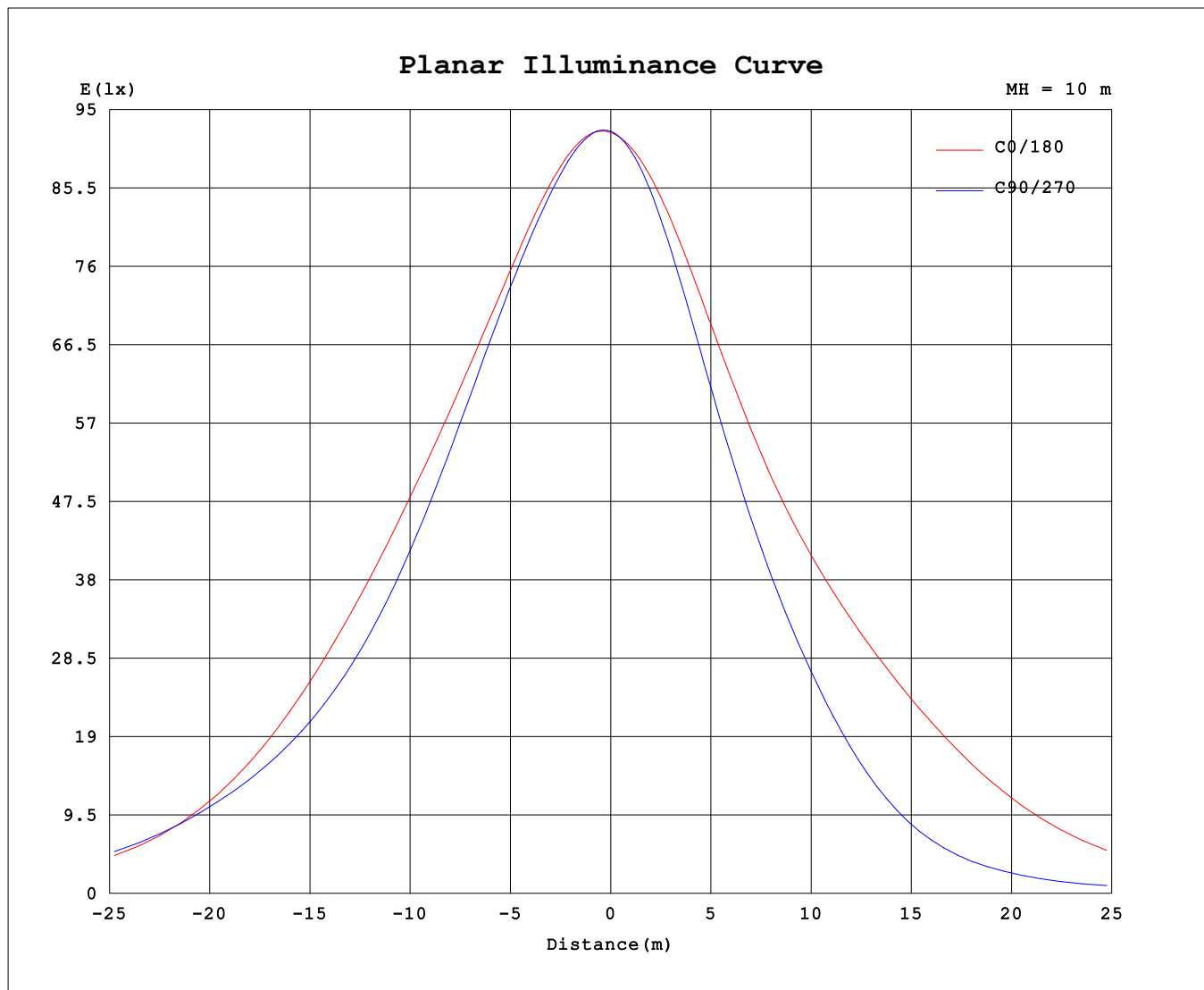
Test:U:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2°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



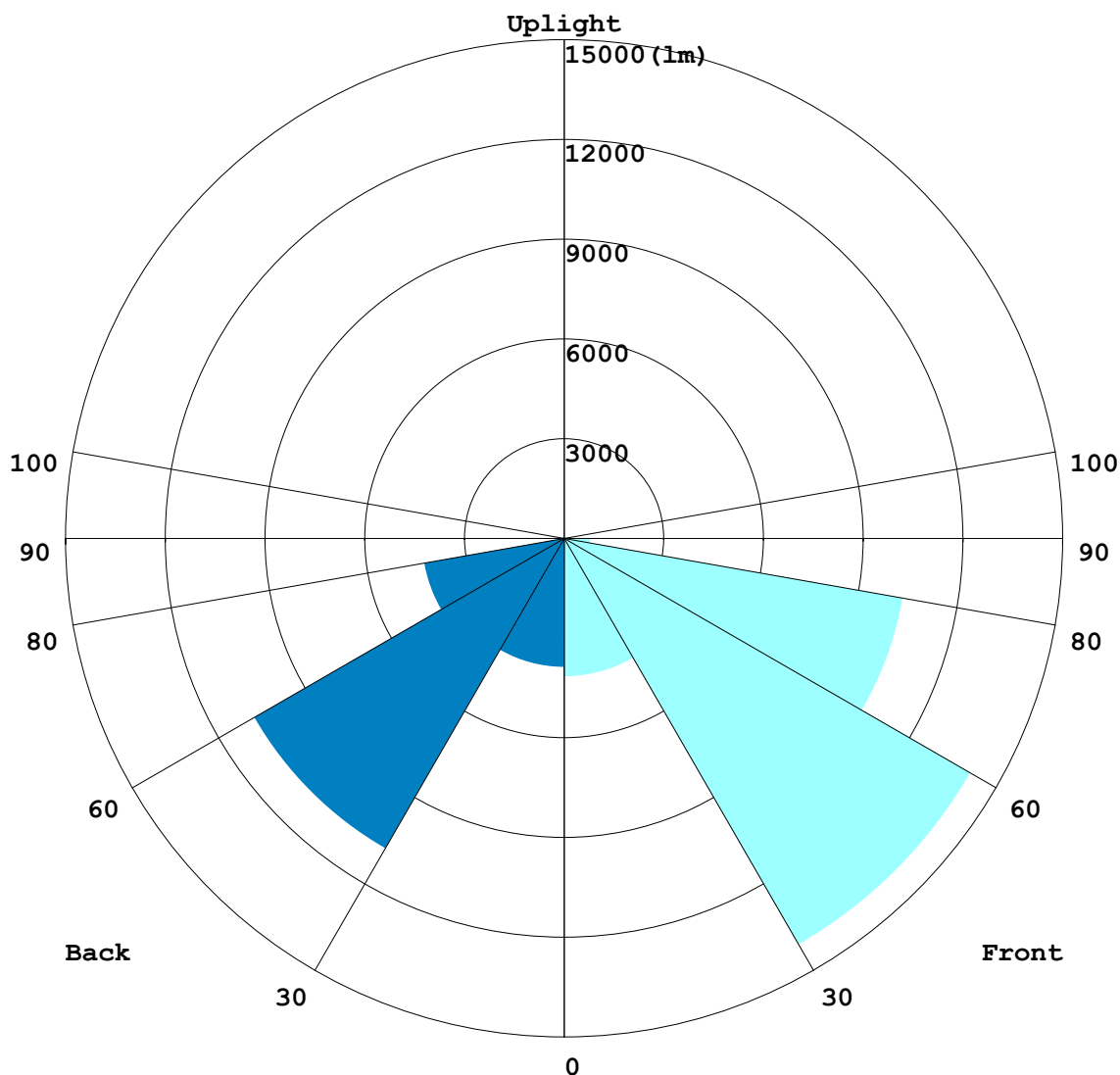
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2°C
 Operators:DAMIN
 Test Date:2024-01-05

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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 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: 25.2℃
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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 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)	4153	8.5
FM - Front-Medium(30-60)	14106	29.0
FH - Front-High(60-80)	10337	21.3
FVH - Front-Very High(80-90)	780.35	1.6
Total Forward Light	29449	60.6

BL - Back-Low(0-30)	3866.1	8.0
BM - Back-Medium(30-60)	10767	22.2
BH - Back-High(60-80)	4278	8.8
BVH - Back-Very High(80-90)	179.27	0.4
Total Back Light	19141	39.4

UL - Uplight-Low(90-100)	9.6766	0.0
UH - Uplight-High(100-180)	113.89	0.2
Total Up Light	123.57	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19090	51.004	19141
Street Side	29376	72.562	29449

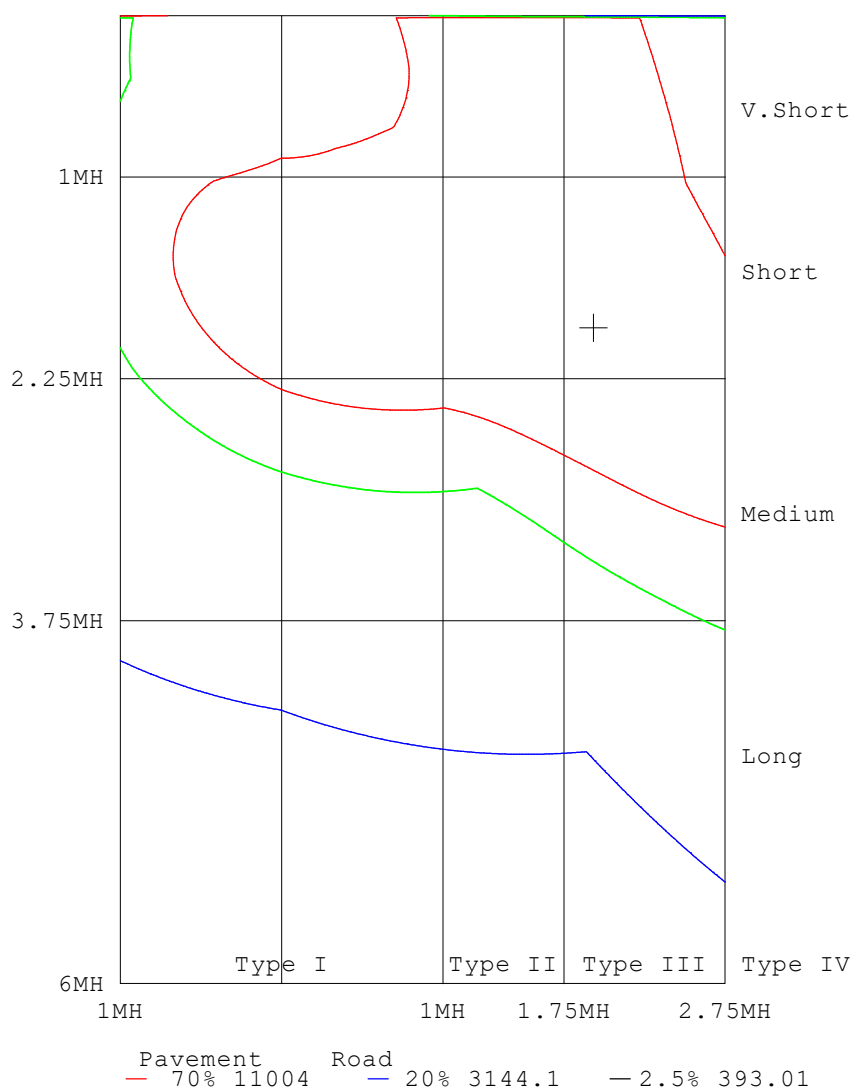
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
Operators:DAMIN
Test Date:2024-01-05

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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 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: 25.2℃
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:118.10V I:2.7697A P:326.63W PF:0.9985 Freq:60.01Hz Lamp Flux:48589.7x1 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	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924			
5	934	936	936	935	932	929	926	923	919	916	914	913	915	919	924	929			
10	949	953	952	948	943	937	932	927	921	914	907	903	905	914	927	940			
15	971	976	971	965	958	950	942	935	927	916	900	891	892	908	932	956			
20	1001	1005	995	988	981	969	956	948	939	921	895	877	878	901	940	978			
25	1042	1043	1024	1017	1015	996	974	966	958	932	891	863	862	893	949	1008			
30	1097	1094	1059	1052	1055	1027	996	991	986	949	889	848	846	884	961	1048			
35	1169	1161	1102	1090	1098	1061	1025	1027	1026	974	888	834	827	874	976	1100			
40	1258	1245	1154	1132	1140	1096	1060	1079	1081	1012	892	817	803	859	992	1165			
45	1361	1343	1216	1176	1176	1130	1105	1151	1162	1065	897	789	761	830	1004	1239			
50	1459	1446	1287	1218	1202	1164	1160	1249	1265	1123	888	730	676	767	993	1299			
55	1511	1529	1370	1260	1218	1200	1238	1367	1366	1154	842	614	535	644	927	1299			
60	1432	1538	1461	1297	1217	1238	1345	1466	1391	1102	731	448	373	471	778	1171			
65	1139	1333	1538	1303	1129	1242	1475	1407	1216	915	559	290	242	305	568	885			
70	711	871	1517	1159	826	1087	1571	1024	832	617	365	178	155	189	359	549			
75	347	435	1240	803	468	739	1387	571	436	356	199	107	98.4	111	193	307			
80	137	170	681	452	225	403	802	236	175	144	82.7	57.6	58.3	59.3	76.5	129			
85	33.9	46.0	184	175	80.7	160	208	67.9	46.0	26.3	21.4	20.2	24.7	20.2	19.2	25.6			
90	1.66	1.65	2.25	1.71	1.20	1.58	10.2	1.83	0.55	0.46	0.35	0.26	0.21	0.26	0.37	0.44			
95	1.94	1.59	1.35	0.99	0.72	0.96	1.50	1.68	0.24	0.27	0.33	0.26	0.26	0.25	0.32	0.25			
100	2.35	1.87	1.36	0.96	0.81	0.99	1.47	1.94	0.27	0.43	0.46	0.40	0.51	0.47	0.40	0.31			
105	2.68	2.16	1.60	1.15	1.02	1.19	1.70	2.23	0.46	0.72	0.65	0.66	0.89	0.73	0.59	0.48			
110	2.92	2.41	1.84	1.44	1.12	1.46	1.94	2.44	0.78	0.95	0.96	1.16	1.28	1.13	0.92	0.70			
115	3.09	2.67	1.95	1.76	1.14	1.70	2.13	2.56	1.25	1.30	1.50	1.83	1.79	1.70	1.29	1.06			
120	3.10	2.82	2.09	2.05	1.37	1.94	2.27	2.58	1.87	1.84	2.26	2.42	2.29	2.24	1.82	1.57			
125	3.07	2.89	2.38	2.32	1.80	2.18	2.44	2.60	2.23	2.22	2.66	2.66	2.58	2.40	2.14	1.93			
130	3.05	2.87	2.58	2.54	2.14	2.38	2.58	2.63	2.48	2.53	2.66	2.61	2.62	2.41	2.21	2.02			
135	3.08	2.76	2.75	2.71	2.42	2.62	2.69	2.68	2.59	2.66	2.55	2.45	2.51	2.34	2.21	1.96			
140	3.13	2.76	2.86	2.87	2.64	2.82	2.77	2.74	2.55	2.59	2.43	2.39	2.36	2.24	2.19	1.86			
145	3.16	2.89	3.00	3.03	2.85	2.97	2.87	2.81	2.47	2.48	2.37	2.40	2.26	2.14	2.16	1.79			
150	3.27	3.13	3.16	3.20	3.03	3.07	2.95	2.87	2.48	2.49	2.39	2.42	2.30	2.14	2.14	1.83			
155	3.43	3.41	3.28	3.32	3.16	3.16	3.05	2.94	2.53	2.52	2.47	2.52	2.37	2.16	2.10	1.81			
160	3.63	3.69	3.44	3.46	3.26	3.23	3.17	3.05	2.89	2.73	2.66	2.70	2.58	2.34	2.24	2.02			
165	3.89	3.96	3.64	3.59	3.35	3.27	3.27	3.23	3.69	3.55	3.43	3.38	3.18	3.00	2.94	2.73			
170	4.28	4.28	3.89	3.76	3.50	3.38	3.48	3.56	4.37	4.26	3.83	3.71	3.50	3.37	3.42	3.33			
175	4.39	4.57	4.09	3.91	3.67	3.54	3.74	3.81	4.51	4.58	4.02	3.87	3.66	3.61	3.78	3.75			
180	4.32	4.40	3.90	3.67	3.43	3.36	3.67	3.84	4.42	4.49	3.97	3.73	3.48	3.41	3.72	3.92			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
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: