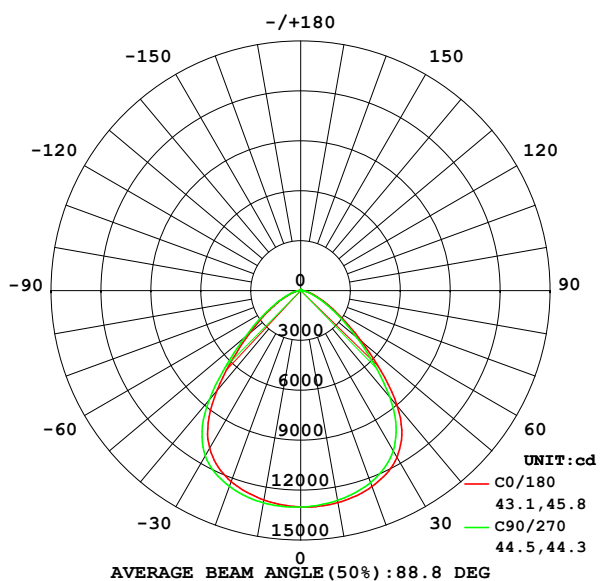
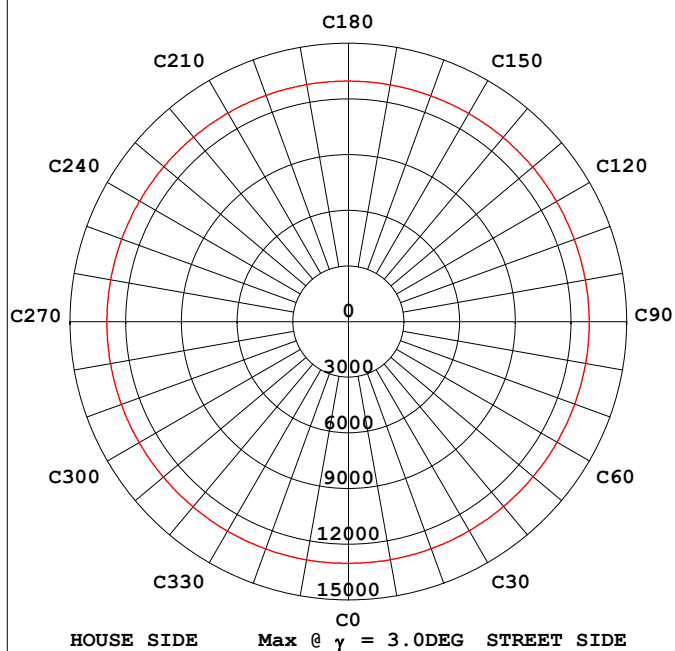


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.60 lm/W			
MODEL		I _{max} (cd)	13036	η street_up (%)	0.3
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	49.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	26426	η house_up (%)	0.1
NOMINAL FLUX (lm)	26426.4	MAXIMUM @ (C, γ)	338,3.0	η house_down (%)	49.7
LAMPS INSIDE	1	η up (%)	0.4	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.6	SLI	21.775

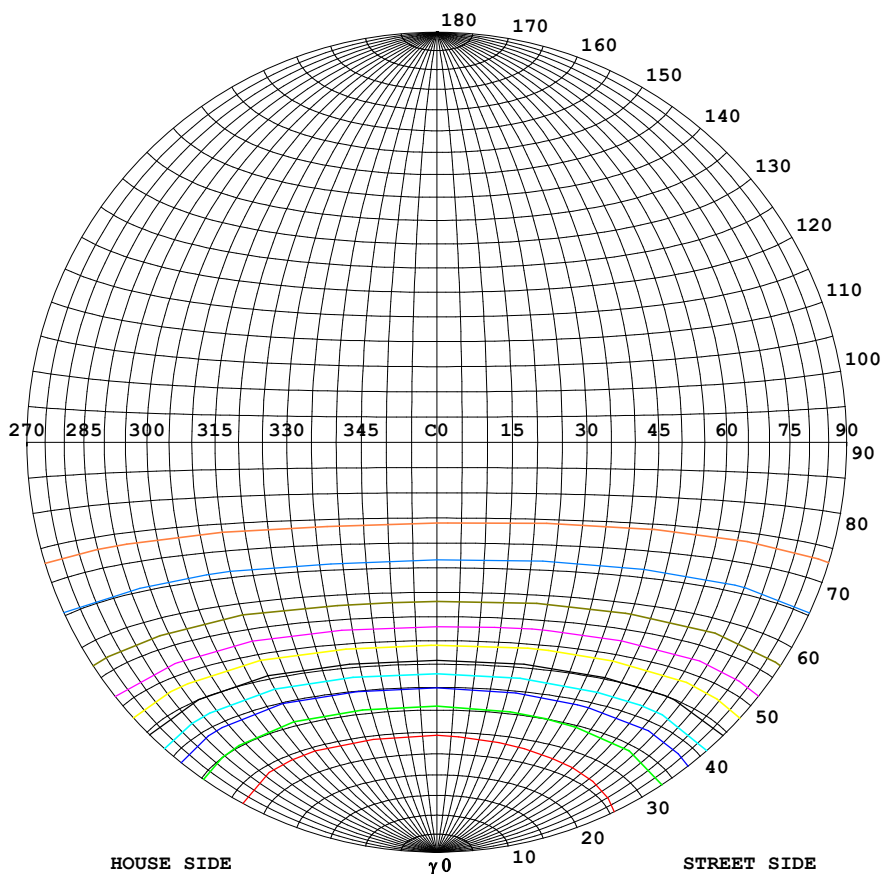
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 23.7℃
 Operators:DAMIN
 Test Date:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



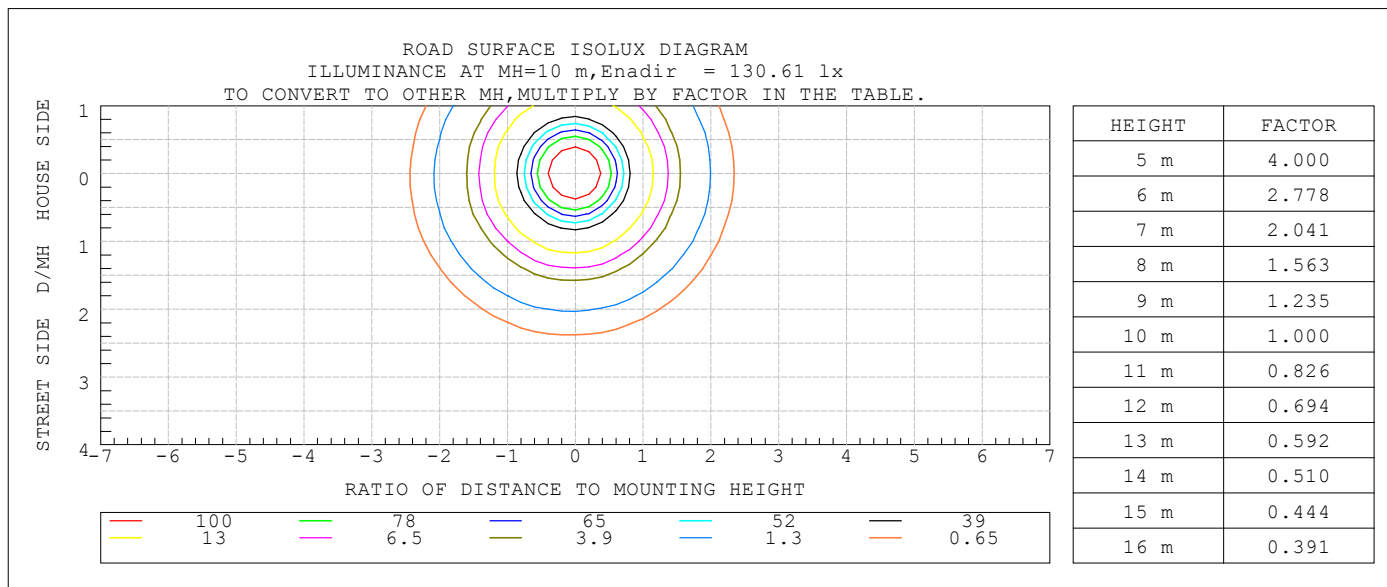
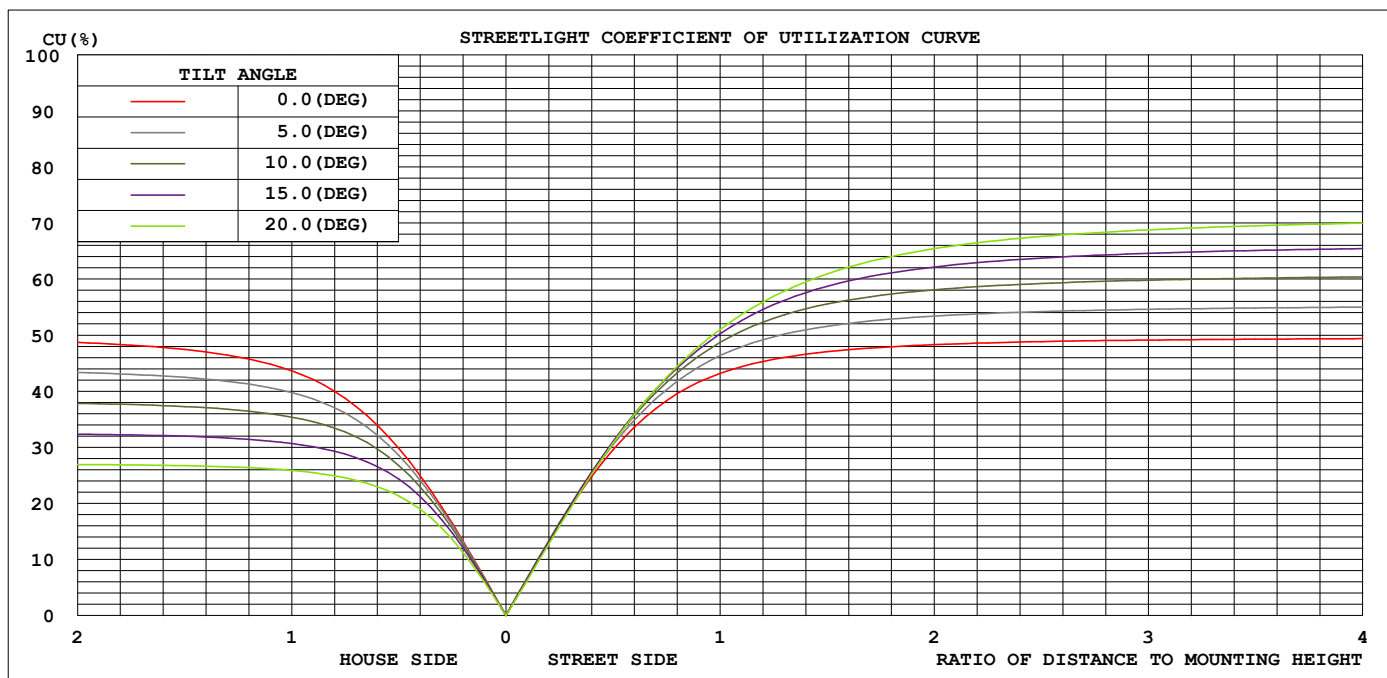
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:12.58cd/klm
Max.At90:0.1317cd/klm
Max.80-90:12.58cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		13036
90%		11733
80%		10429
70%		9125
60%		7822
50%		6518
40%		5215
30%		3911
20%		2607
10%		1304
5%		652

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2023-12-14

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:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

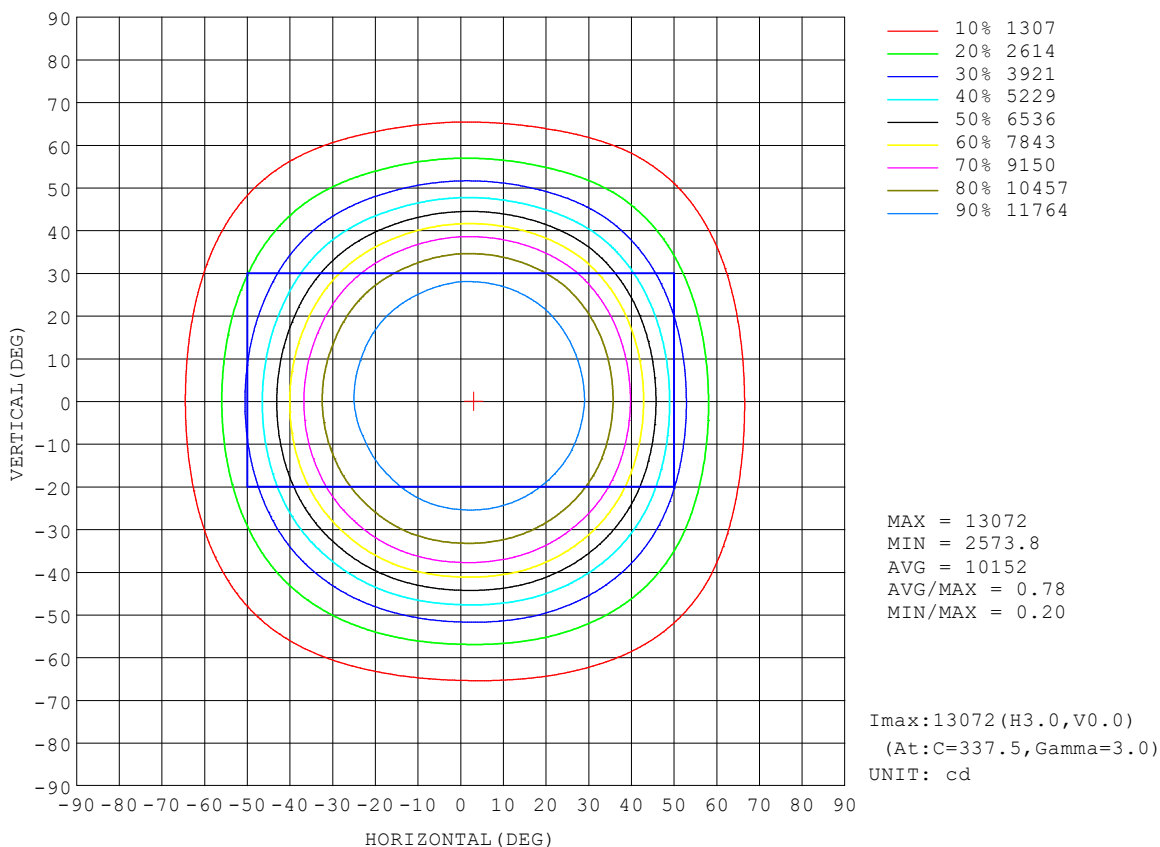
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1294	1288	1280	1276	1279	1285	1295	1298	0- 10	1235	1235	4.67,4.67
20	1253	1242	1229	1219	1222	1235	1253	1262	10- 20	3583	4818	18.2,18.2
30	1158	1134	1114	1096	1096	1113	1147	1164	20- 30	5498	10316	39,39
40	903.3	871.0	832.6	796.2	783.2	801.3	855.6	907.3	30- 40	6283	16599	62.8,62.8
50	483.3	474.9	444.1	413.8	405.6	417.3	441.1	480.0	40- 50	4872	21471	81.2,81.2
60	223.0	221.8	204.6	193.7	188.7	194.6	204.7	218.6	50- 60	2782	24253	91.8,91.8
70	95.13	95.08	85.78	80.54	78.57	81.29	85.93	91.68	60- 70	1375	25628	97,97
80	31.79	32.61	29.20	26.35	24.60	24.87	26.64	29.24	70- 80	573.2	26201	99.1,99.1
90	0.3061	0.3423	0.3103	0.2616	0.0977	0.0923	0.0993	0.1481	80- 90	118.9	26320	99.6,99.6
100	0.3667	0.3750	0.3946	0.4237	0.0863	0.0857	0.0822	0.0792	90-100	2.074	26322	99.6,99.6
110	0.7925	0.8116	0.8670	0.9388	0.1572	0.1546	0.1438	0.1370	100-110	3.733	26326	99.6,99.6
120	1.509	1.541	1.631	1.722	0.4216	0.4110	0.3837	0.3614	110-120	7.216	26333	99.6,99.6
130	2.388	2.428	2.523	2.608	1.099	1.061	1.008	0.9605	120-130	12.15	26345	99.7,99.7
140	3.387	3.412	3.497	3.583	2.102	2.035	1.966	1.909	130-140	17.22	26362	99.8,99.8
150	4.517	4.525	4.601	4.676	3.279	3.212	3.156	3.103	140-150	20.62	26383	99.8,99.8
160	5.557	5.562	5.624	5.681	4.857	4.776	4.713	4.658	150-160	20.74	26403	99.9,99.9
170	6.668	6.662	6.698	6.732	6.538	6.455	6.408	6.373	160-170	16.40	26420	100,100
180	6.865	6.840	6.838	6.840	6.996	6.974	6.967	6.965	170-180	6.565	26426	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:2023-12-14

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

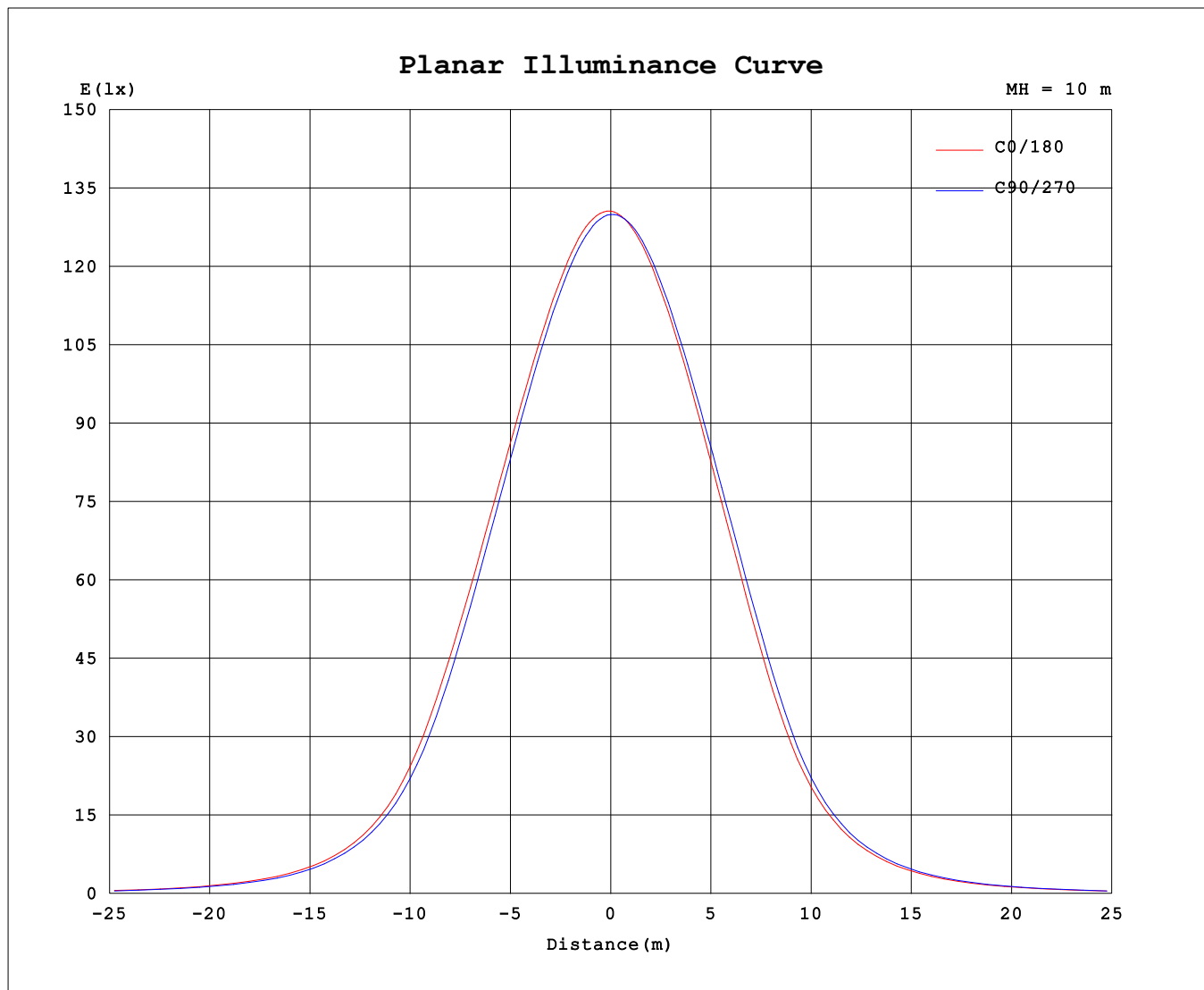
Test:U:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7°C
Operators:DAMIN
Test Date:2023-12-14

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

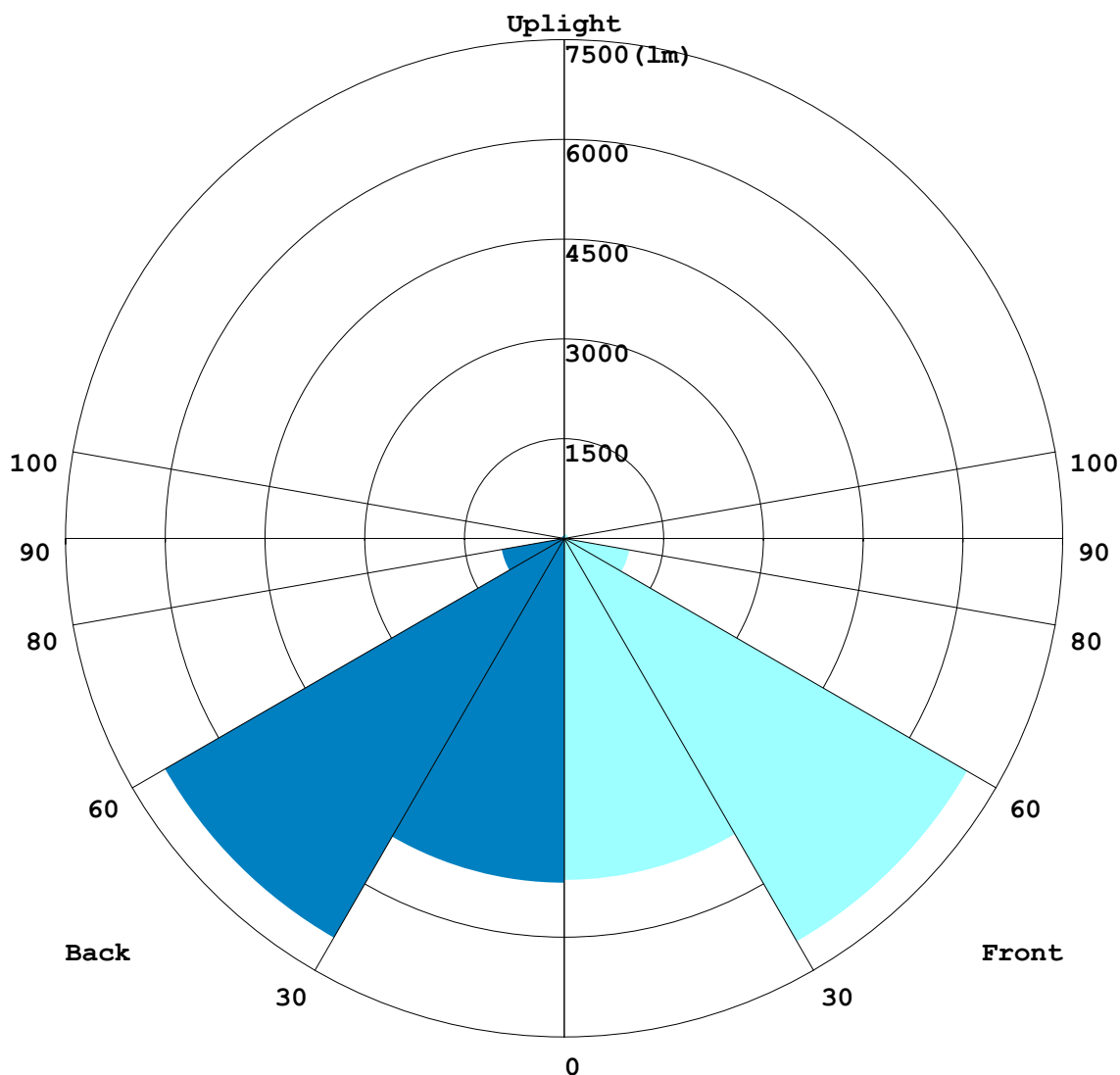


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7°C
Operators:DAMIN
Test Date:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 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: 23.7°C
 Operators:DAMIN
 Test Date:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 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)	5136.4	19.4
FM - Front-Medium(30-60)	7000.9	26.5
FH - Front-High(60-80)	995.31	3.8
FVH - Front-Very High(80-90)	66.161	0.3
Total Forward Light	13267	50.2

BL - Back-Low(0-30)	5179.7	19.6
BM - Back-Medium(30-60)	6936	26.2
BH - Back-High(60-80)	952.55	3.6
BVH - Back-Very High(80-90)	52.693	0.2
Total Back Light	13160	49.8

UL - Uplight-Low(90-100)	2.0737	0.0
UH - Uplight-High(100-180)	104.64	0.4
Total Up Light	106.71	0.4

BUG(Back,Up,Glare) Rating	B5-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	13121	38.977	13160
Street Side	13199	67.737	13267

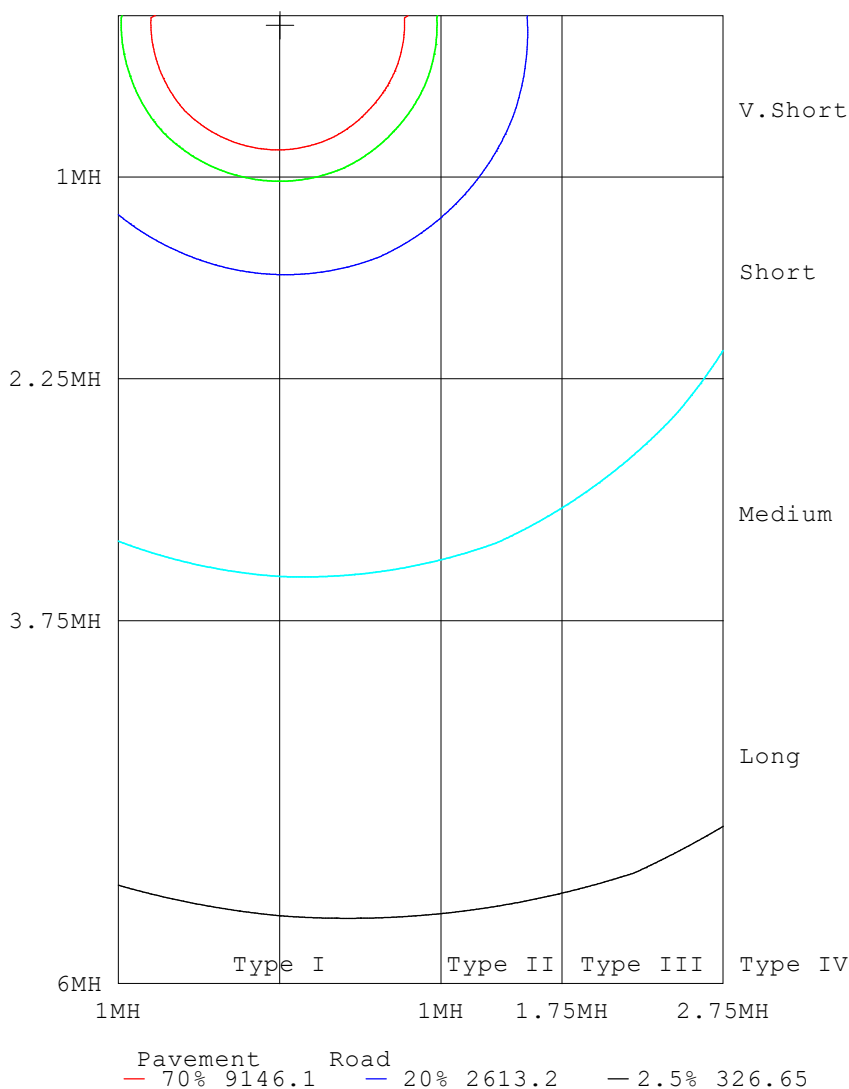
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 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: 23.7°C
Operators:DAMIN
Test Date:2023-12-14

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:118.56V I:1.6824A P:199.29W PF:0.9991 Freq:60.01Hz Lamp Flux:26426.4x1 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	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301	1301			
5	1301	1301	1297	1295	1294	1292	1292	1292	1293	1295	1297	1299	1301	1303	1304	1302			
10	1294	1292	1288	1284	1280	1278	1276	1277	1279	1281	1285	1289	1295	1298	1298	1297			
15	1279	1275	1268	1263	1260	1256	1253	1255	1254	1258	1264	1270	1279	1284	1286	1284			
20	1253	1249	1242	1235	1229	1223	1219	1221	1222	1228	1235	1241	1253	1258	1262	1259			
25	1216	1211	1198	1190	1182	1175	1168	1169	1172	1178	1189	1199	1212	1218	1222	1222			
30	1158	1150	1134	1125	1114	1106	1096	1096	1096	1101	1113	1126	1147	1157	1164	1165			
35	1060	1052	1031	1018	1001	990	976	973	970	972	991	1006	1035	1050	1068	1069			
40	903	895	871	856	833	820	796	793	783	782	801	819	856	880	907	910			
45	685	683	662	650	624	607	584	582	574	571	588	601	629	653	683	687			
50	483	489	475	465	444	429	414	409	406	404	417	422	441	454	480	483			
55	332	338	329	321	304	296	286	280	280	281	289	291	304	310	326	330			
60	223	228	222	215	205	197	194	187	189	190	195	196	205	208	219	218			
65	149	152	148	143	135	131	128	124	125	125	128	129	136	137	144	145			
70	95.1	97.3	95.1	90.8	85.8	83.2	80.5	78.7	78.6	79.1	81.3	81.7	85.9	87.8	91.7	92.2			
75	58.4	60.3	58.9	56.3	53.0	51.7	49.2	48.3	47.8	47.5	49.3	49.2	51.9	53.5	55.7	56.3			
80	31.8	33.2	32.6	31.1	29.2	28.3	26.4	25.5	24.6	24.2	24.9	24.9	26.6	27.8	29.2	30.3			
85	12.0	13.2	12.7	12.2	11.1	10.7	9.26	8.64	7.60	6.77	7.06	7.11	8.24	8.89	10.0	10.8			
90	0.31	0.35	0.34	0.35	0.31	0.29	0.26	0.25	0.10	0.10	0.09	0.10	0.10	0.11	0.15	0.17			
95	0.26	0.27	0.26	0.27	0.28	0.29	0.29	0.30	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
100	0.37	0.37	0.37	0.38	0.39	0.41	0.42	0.44	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08			
105	0.54	0.55	0.56	0.57	0.59	0.61	0.64	0.65	0.12	0.11	0.11	0.10	0.11	0.10	0.10	0.09			
110	0.79	0.79	0.81	0.83	0.87	0.89	0.94	0.95	0.16	0.15	0.15	0.14	0.14	0.13	0.14	0.13			
115	1.12	1.12	1.15	1.18	1.22	1.27	1.31	1.34	0.24	0.24	0.24	0.23	0.22	0.21	0.21	0.20			
120	1.51	1.52	1.54	1.58	1.63	1.69	1.72	1.75	0.42	0.43	0.41	0.40	0.38	0.38	0.36	0.36			
125	1.93	1.94	1.97	2.01	2.07	2.12	2.15	2.18	0.70	0.71	0.68	0.67	0.64	0.63	0.60	0.60			
130	2.39	2.40	2.43	2.47	2.52	2.56	2.61	2.64	1.10	1.09	1.06	1.04	1.01	0.98	0.96	0.95			
135	2.87	2.88	2.90	2.94	2.99	3.03	3.08	3.11	1.58	1.57	1.53	1.50	1.46	1.43	1.41	1.40			
140	3.39	3.39	3.41	3.45	3.50	3.53	3.58	3.61	2.10	2.09	2.03	2.01	1.97	1.94	1.91	1.91			
145	3.95	3.96	3.97	4.00	4.05	4.08	4.13	4.16	2.68	2.67	2.61	2.59	2.55	2.52	2.49	2.49			
150	4.52	4.52	4.53	4.56	4.60	4.63	4.68	4.71	3.28	3.27	3.21	3.19	3.16	3.12	3.10	3.11			
155	5.04	5.05	5.05	5.08	5.12	5.14	5.18	5.21	4.02	4.02	3.95	3.94	3.90	3.87	3.84	3.85			
160	5.56	5.56	5.56	5.59	5.62	5.63	5.68	5.70	4.86	4.84	4.78	4.75	4.71	4.68	4.66	4.66			
165	6.07	6.07	6.07	6.08	6.12	6.12	6.17	6.18	5.76	5.74	5.67	5.65	5.61	5.58	5.55	5.57			
170	6.67	6.67	6.66	6.68	6.70	6.70	6.73	6.75	6.54	6.53	6.46	6.44	6.41	6.38	6.37	6.39			
175	7.07	7.09	7.06	7.08	7.08	7.08	7.10	7.13	7.10	7.08	7.04	7.03	7.02	7.00	7.01	7.02			
180	6.86	6.87	6.84	6.84	6.84	6.83	6.84	6.85	7.00	6.99	6.97	6.96	6.97	6.95	6.97	6.97			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.7℃
Operators:DAMIN
Test Date:2023-12-14

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: