

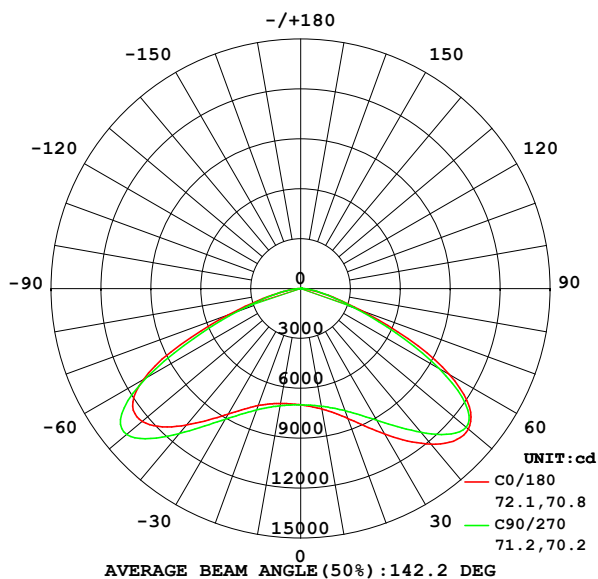
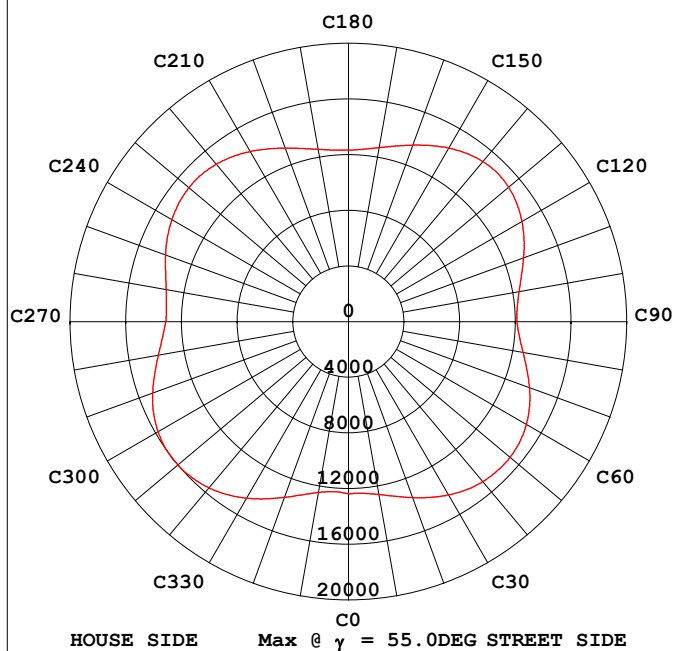
STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz

Lamp Flux:49178.8x1 lm

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 149.51 lm/W
MODEL		I _{max} (cd)	15868	η street_up (%)	0.2	
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	49.5	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	49179	η house_up (%)	0.1	
NOMINAL FLUX (lm)	49178.8	MAXIMUM @ (C, γ)	315,55.0	η house_down (%)	50.2	
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000	
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.342	

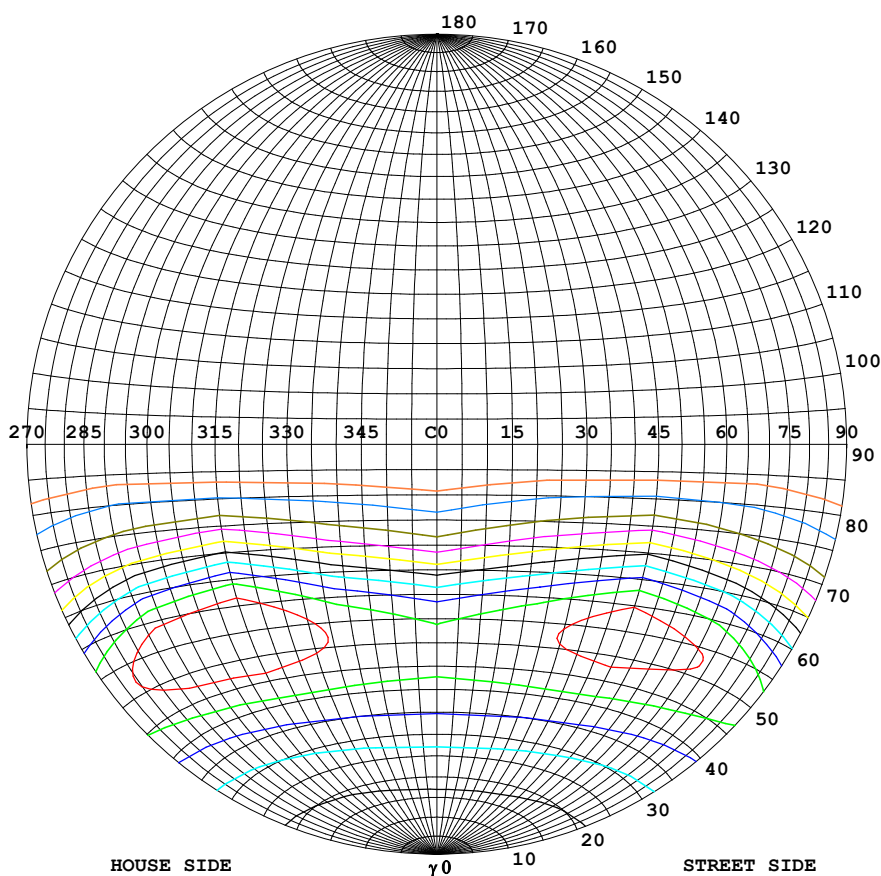
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.9℃
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:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



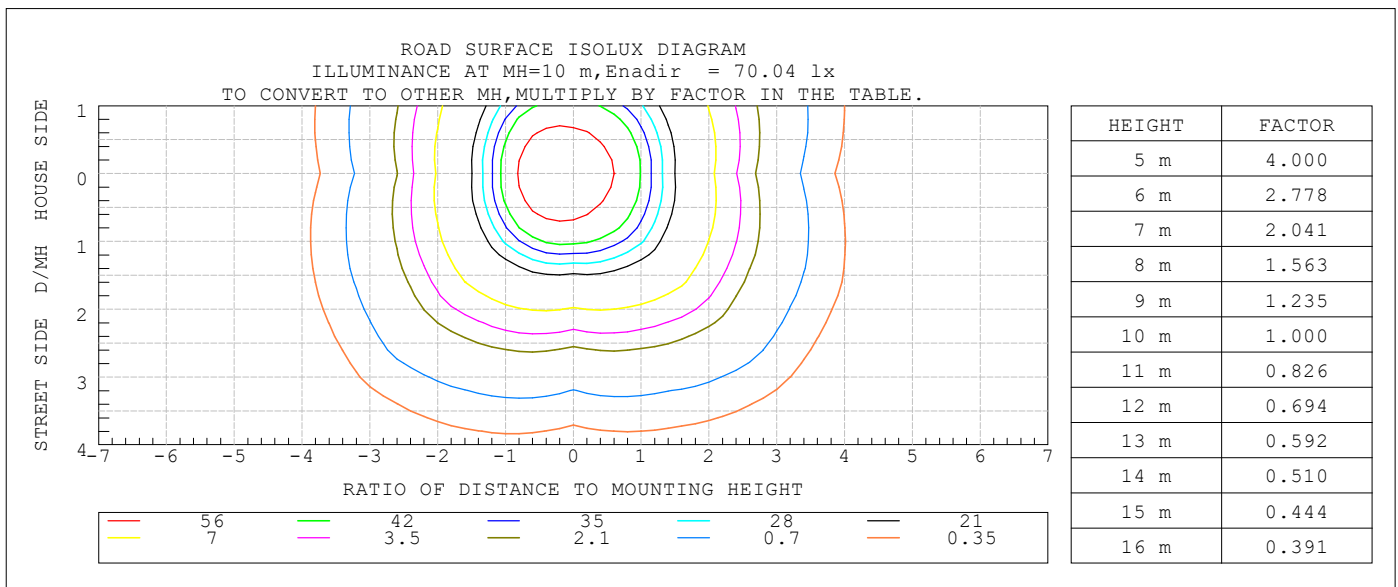
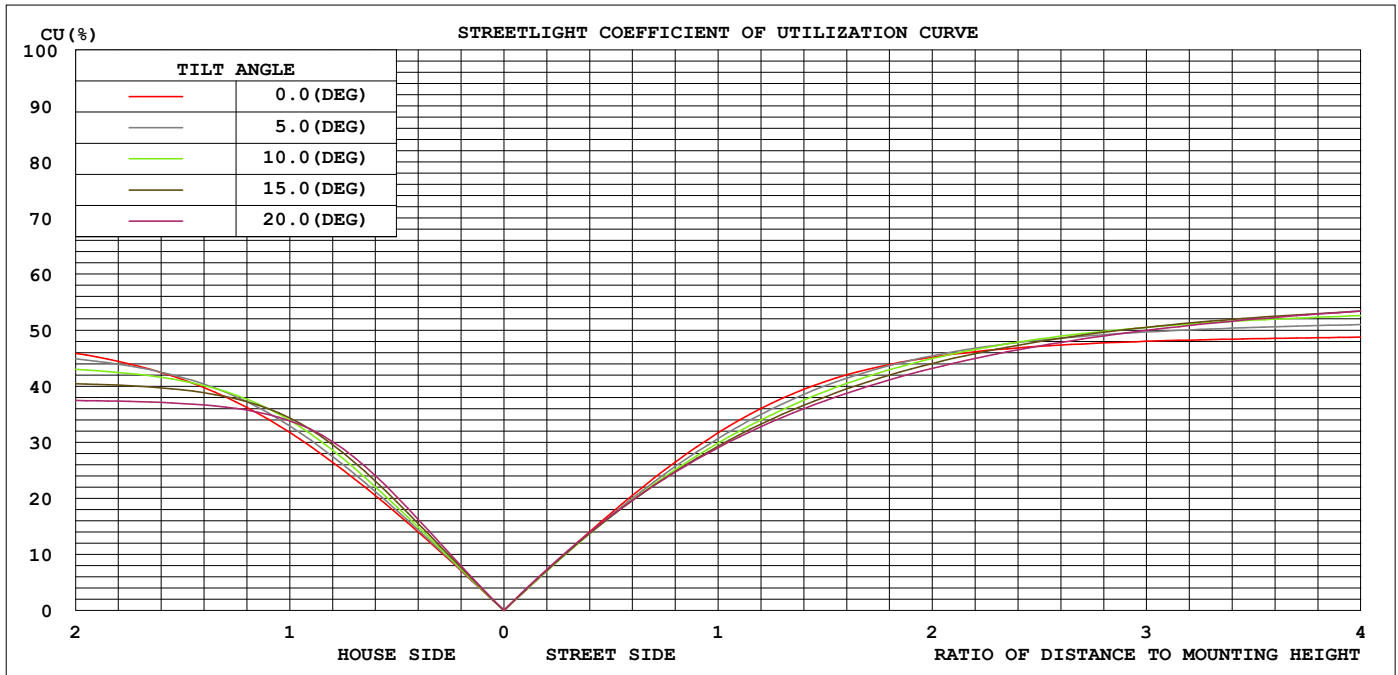
Classification:

IES:Type VS - Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:41.90cd/klm
Max.At90:0.4335cd/klm
Max.80-90:41.90cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		15868
90%		14281
80%		12695
70%		11108
60%		9521
50%		7934
40%		6347
30%		4760
20%		3174
10%		1587
5%		793

C Range: 0 - 360DEG
C Interval: 22.5DEG
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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: 23.9℃
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:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

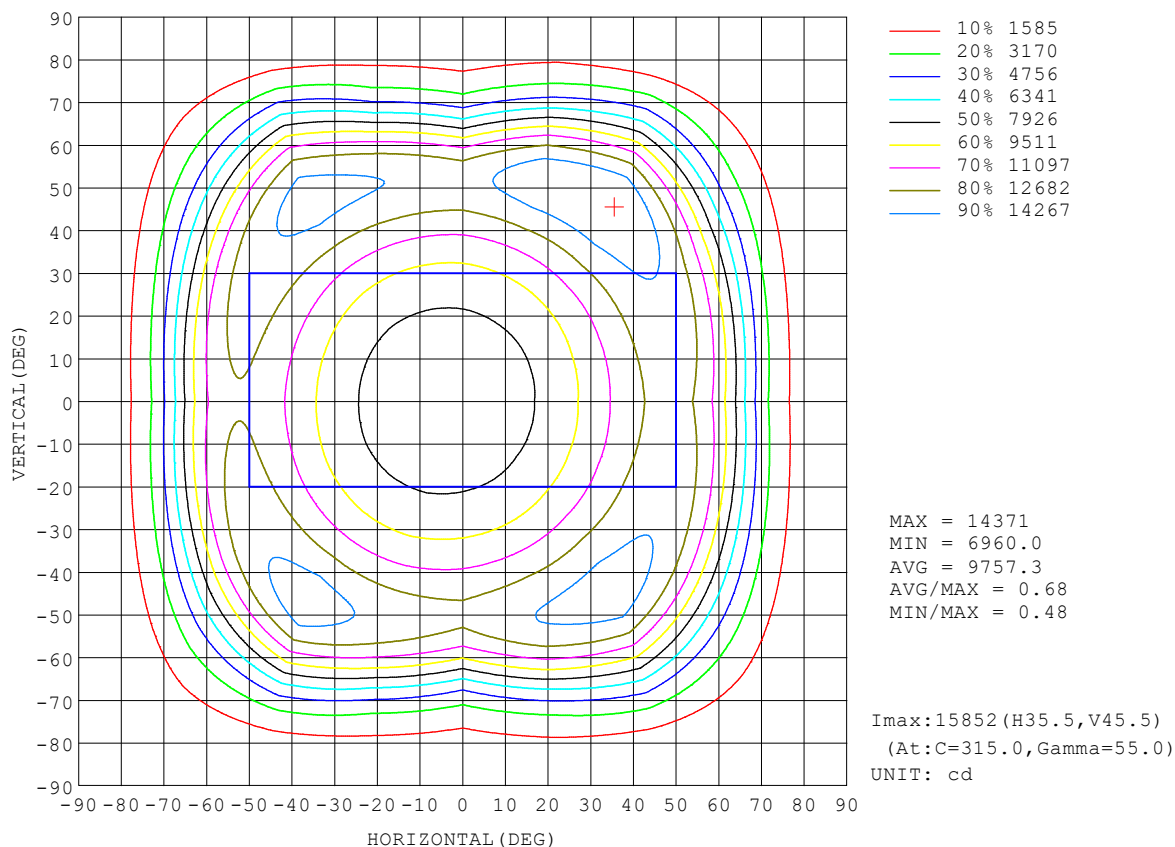
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	735.1	730.5	718.8	707.5	701.8	705.5	715.6	728.0	0- 10	676.4	676.4	1.38,1.38
20	830.9	814.7	781.6	755.7	748.9	755.2	776.7	807.3	10- 20	2124	2801	5.7,5.7
30	1010	981.2	914.0	872.6	870.9	875.6	906.9	971.4	20- 30	3943	6744	13.7,13.7
40	1221	1223	1129	1088	1071	1099	1138	1229	30- 40	6513	13257	27,27
50	1316	1472	1298	1399	1243	1393	1365	1522	40- 50	9896	23153	47.1,47.1
60	1031	1416	959.5	1481	1090	1468	1069	1494	50- 60	12254	35406	72,72
70	391.3	776.5	360.1	844.9	463.7	903.3	403.7	807.2	60- 70	9402	44809	91.1,91.1
80	89.90	176.1	97.97	189.8	105.4	206.1	105.9	166.2	70- 80	3660	48469	98.6,98.6
90	1.220	2.132	1.392	2.014	0.4592	0.7981	0.4142	0.7409	80- 90	578.7	49048	99.7,99.7
100	1.806	2.629	2.713	2.839	0.2029	0.2506	0.2281	0.2242	90-100	12.91	49061	99.8,99.8
110	2.448	2.897	3.118	3.155	0.4853	0.5096	0.6223	0.4756	100-110	16.15	49077	99.8,99.8
120	2.705	2.789	3.419	3.298	1.379	1.656	1.787	1.299	110-120	19.77	49097	99.8,99.8
130	2.837	2.932	3.385	3.324	2.182	2.626	2.576	2.118	120-130	22.85	49119	99.9,99.9
140	2.795	2.847	3.117	3.045	2.430	2.553	2.540	2.122	130-140	20.82	49140	99.9,99.9
150	2.738	2.838	2.936	2.804	2.258	2.280	2.207	1.945	140-150	15.90	49156	100,100
160	2.940	2.934	2.802	2.790	2.556	2.421	2.369	2.090	150-160	11.45	49168	100,100
170	3.457	3.241	2.824	2.996	3.754	3.333	2.823	2.995	160-170	8.119	49176	100,100
180	3.537	3.174	2.683	3.001	3.622	3.231	2.719	3.042	170-180	3.066	49179	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.9℃
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

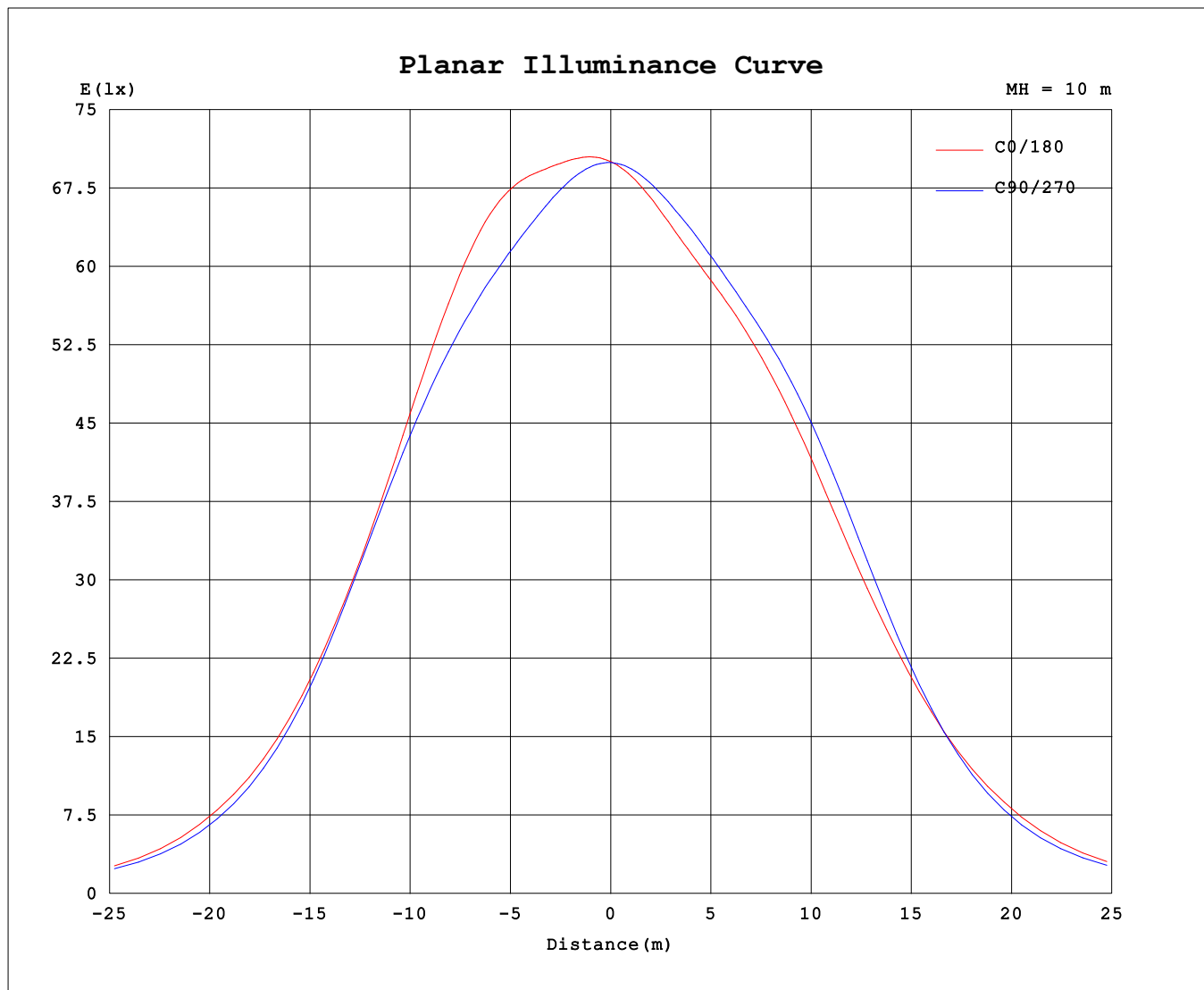
Test:U:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.9°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

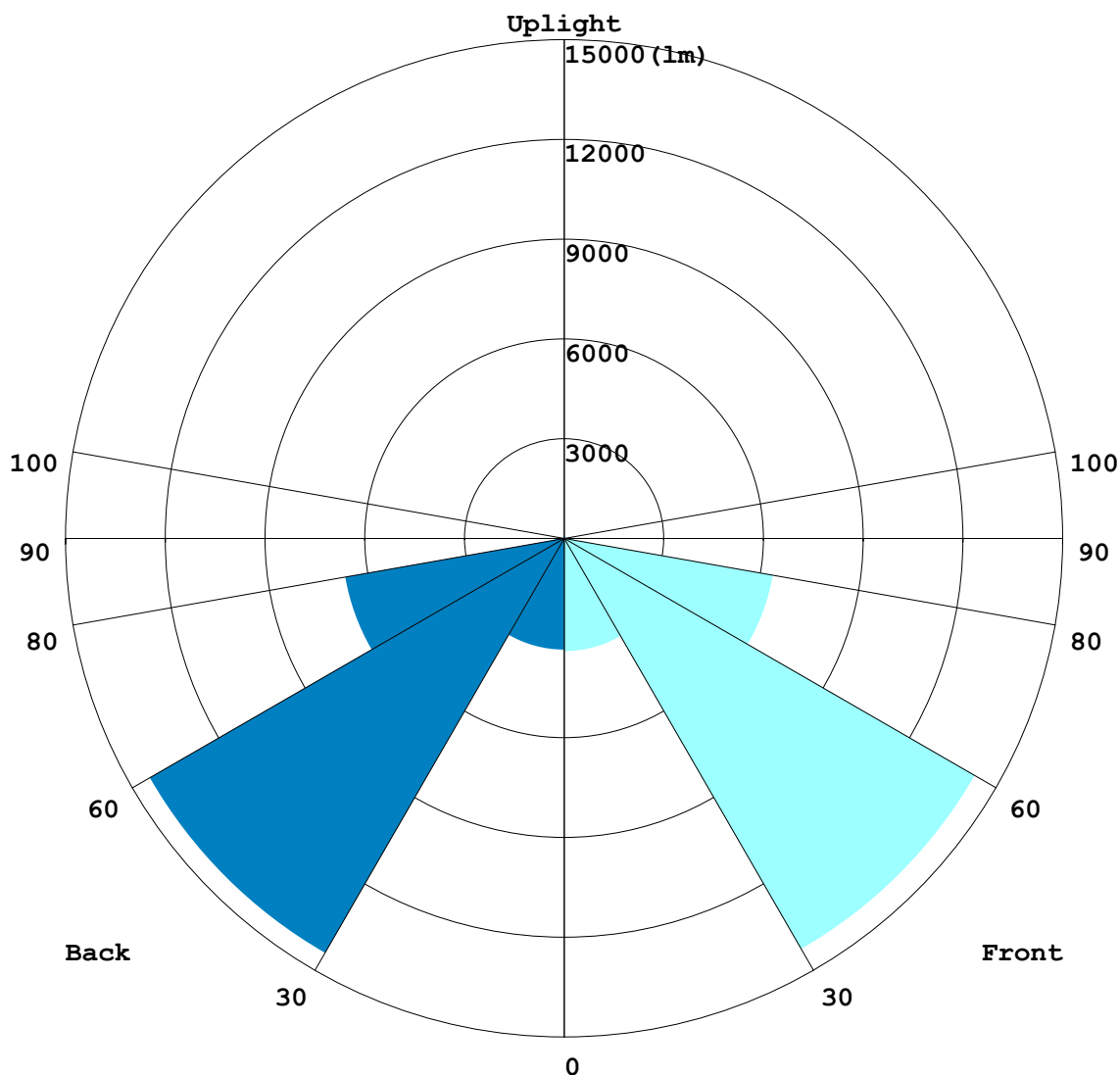


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 23.9°C
 Operators: DAMIN
 Test Date: 2024-01-15

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:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 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: 23.9℃
 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:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 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)	3398.5	6.9
FM - Front-Medium(30-60)	14266	29.0
FH - Front-High(60-80)	6376.7	13.0
FVH - Front-Very High(80-90)	296.03	0.6
Total Forward Light	24425	49.7

BL - Back-Low(0-30)	3345.7	6.8
BM - Back-Medium(30-60)	14396	29.3
BH - Back-High(60-80)	6685.9	13.6
BVH - Back-Very High(80-90)	282.71	0.6
Total Back Light	24754	50.3

UL - Uplight-Low(90-100)	12.911	0.0
UH - Uplight-High(100-180)	118.12	0.2
Total Up Light	131.03	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	24710	43.928	24754
Street Side	24337	87.099	24425

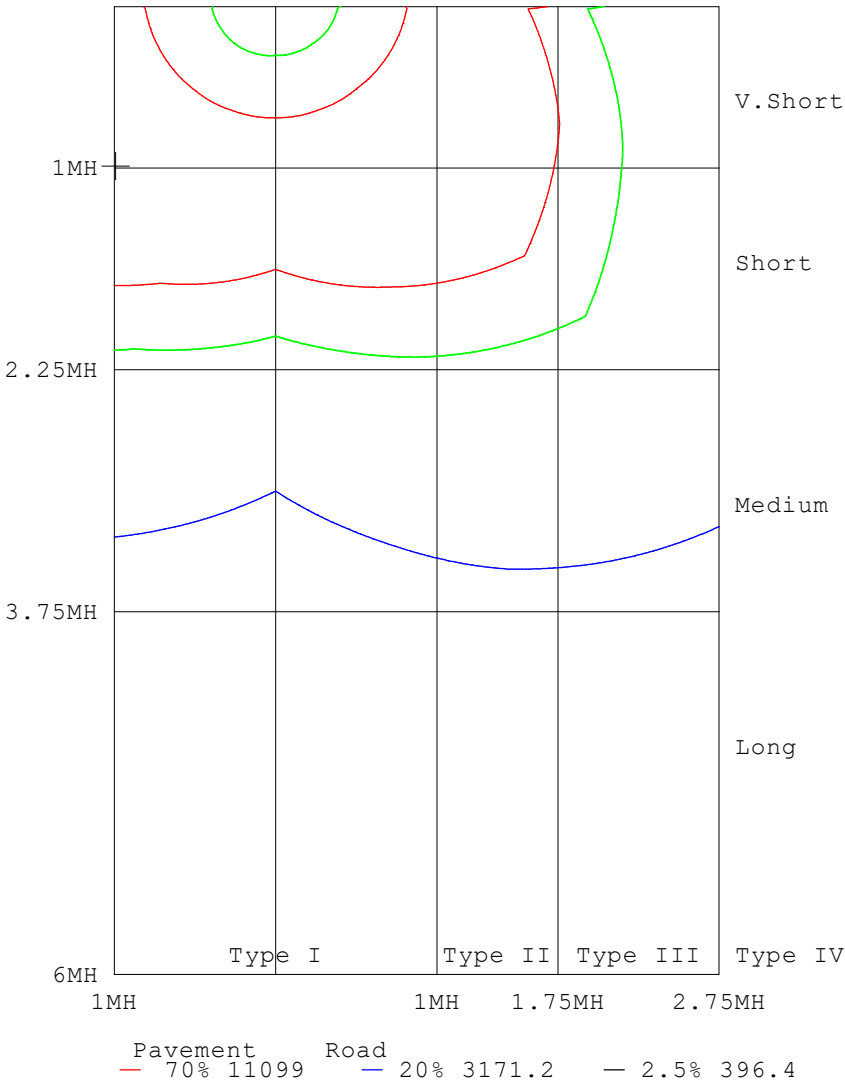
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.9℃
Operators:DAMIN
Test Date:2024-01-15

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:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 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: 23.9℃
Operators:DAMIN
Test Date:2024-01-15

50% 7928
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:

5% 792.8

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:117.97V I:2.7921A P:328.92W PF:0.9986 Freq:60.01Hz Lamp Flux:49178.8x1 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	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700			
5	712	712	710	707	705	701	699	697	696	697	698	700	703	706	709	711			
10	735	734	730	725	719	712	707	704	702	703	706	711	716	723	728	733			
15	773	771	764	753	744	733	725	720	718	720	723	731	739	750	759	769			
20	831	826	815	797	782	765	756	750	749	751	755	765	777	793	807	824			
25	912	904	887	860	838	815	804	798	799	801	804	817	832	854	878	901			
30	1010	1003	981	946	914	885	873	868	871	874	876	890	907	938	971	1000			
35	1118	1115	1095	1053	1013	979	967	962	963	971	975	990	1009	1050	1089	1114			
40	1221	1230	1223	1179	1129	1098	1088	1077	1071	1088	1099	1119	1138	1190	1229	1233			
45	1297	1334	1356	1311	1240	1232	1237	1206	1176	1212	1245	1267	1275	1349	1381	1341			
50	1316	1395	1472	1412	1298	1347	1399	1322	1243	1313	1393	1391	1365	1487	1522	1403			
55	1238	1369	1514	1412	1210	1367	1513	1373	1233	1349	1495	1419	1314	1524	1587	1373			
60	1031	1213	1416	1241	960	1206	1481	1296	1090	1264	1468	1269	1069	1377	1494	1204			
65	712	923	1137	926	630	898	1229	1042	797	1013	1263	942	711	1044	1213	896			
70	391	593	776	568	360	551	845	692	464	674	903	573	404	647	807	554			
75	199	324	431	303	195	289	460	386	235	379	518	303	215	344	437	291			
80	89.9	147	176	148	98.0	139	190	176	105	174	206	144	106	164	166	129			
85	27.0	48.1	49.0	55.8	36.1	51.0	50.4	52.5	27.4	44.0	56.2	42.7	32.7	47.6	45.1	38.2			
90	1.22	1.73	2.13	1.91	1.39	1.78	2.01	1.56	0.46	0.70	0.80	0.60	0.41	0.64	0.74	0.58			
95	1.40	1.80	2.40	2.29	1.89	2.41	2.58	1.73	0.21	0.28	0.32	0.26	0.22	0.26	0.28	0.23			
100	1.81	2.13	2.63	3.04	2.71	3.18	2.84	2.06	0.20	0.23	0.25	0.24	0.23	0.23	0.22	0.20			
105	2.19	2.44	2.79	2.92	2.88	3.16	2.99	2.39	0.30	0.33	0.32	0.30	0.36	0.34	0.30	0.27			
110	2.45	2.62	2.90	3.06	3.12	3.25	3.16	2.58	0.49	0.52	0.51	0.55	0.62	0.59	0.48	0.42			
115	2.64	2.76	2.91	3.31	3.37	3.38	3.29	2.70	0.83	0.92	0.94	1.06	1.13	1.10	0.77	0.74			
120	2.71	2.77	2.79	3.43	3.42	3.38	3.30	2.66	1.38	1.53	1.66	1.75	1.79	1.81	1.30	1.26			
125	2.78	2.79	2.87	3.46	3.43	3.47	3.32	2.66	1.82	2.02	2.27	2.29	2.27	2.18	1.84	1.68			
130	2.84	2.75	2.93	3.43	3.38	3.44	3.32	2.68	2.18	2.41	2.63	2.59	2.58	2.38	2.12	1.89			
135	2.80	2.53	2.89	3.24	3.23	3.32	3.21	2.52	2.40	2.60	2.66	2.64	2.66	2.40	2.18	1.85			
140	2.80	2.45	2.85	3.13	3.12	3.16	3.04	2.52	2.43	2.58	2.55	2.54	2.54	2.32	2.12	1.74			
145	2.74	2.52	2.84	3.05	3.03	3.05	2.93	2.52	2.33	2.41	2.39	2.42	2.31	2.16	2.02	1.61			
150	2.74	2.68	2.84	2.99	2.94	2.94	2.80	2.51	2.26	2.30	2.28	2.32	2.21	2.04	1.94	1.59			
155	2.81	2.87	2.85	2.95	2.87	2.89	2.77	2.53	2.24	2.27	2.27	2.31	2.19	2.00	1.90	1.57			
160	2.94	3.04	2.93	2.96	2.80	2.84	2.79	2.61	2.56	2.42	2.42	2.47	2.37	2.08	2.09	1.84			
165	3.14	3.22	3.06	2.99	2.77	2.79	2.86	2.75	3.27	3.16	3.12	3.07	2.79	2.61	2.69	2.49			
170	3.46	3.47	3.24	3.08	2.82	2.85	3.00	3.03	3.75	3.65	3.33	3.12	2.82	2.78	2.99	2.94			
175	3.55	3.66	3.34	3.14	2.90	2.93	3.13	3.20	3.76	3.78	3.38	3.15	2.90	2.92	3.19	3.19			
180	3.54	3.56	3.17	2.91	2.68	2.71	3.00	3.19	3.62	3.63	3.23	2.95	2.72	2.75	3.04	3.26			

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γ Range: 0 - 180DEG
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Test Distance:26.000m [K=0.4205]
Remarks: