

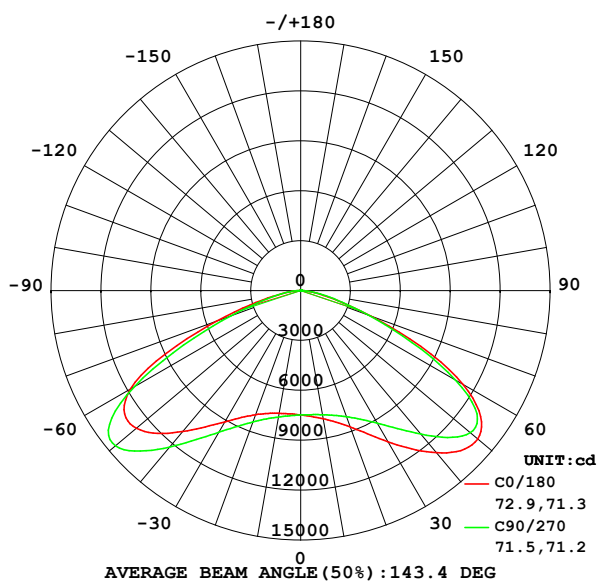
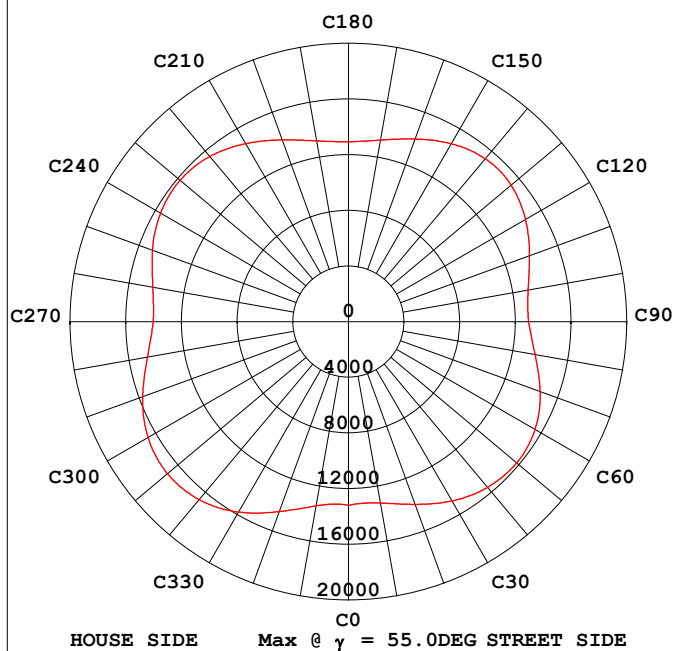
STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz

Lamp Flux:52466x1 lm

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

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.24 lm/W			
MODEL		Imax (cd)	16915	η street_up (%)	0.2
NOMINAL POWER (W)	400	LOR (%)	100.0	η street_down (%)	49.0
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	52466	η house_up (%)	0.1
NOMINAL FLUX (lm)	52466	MAXIMUM @ (C, γ)	315,55.0	η house_down (%)	50.7
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.527

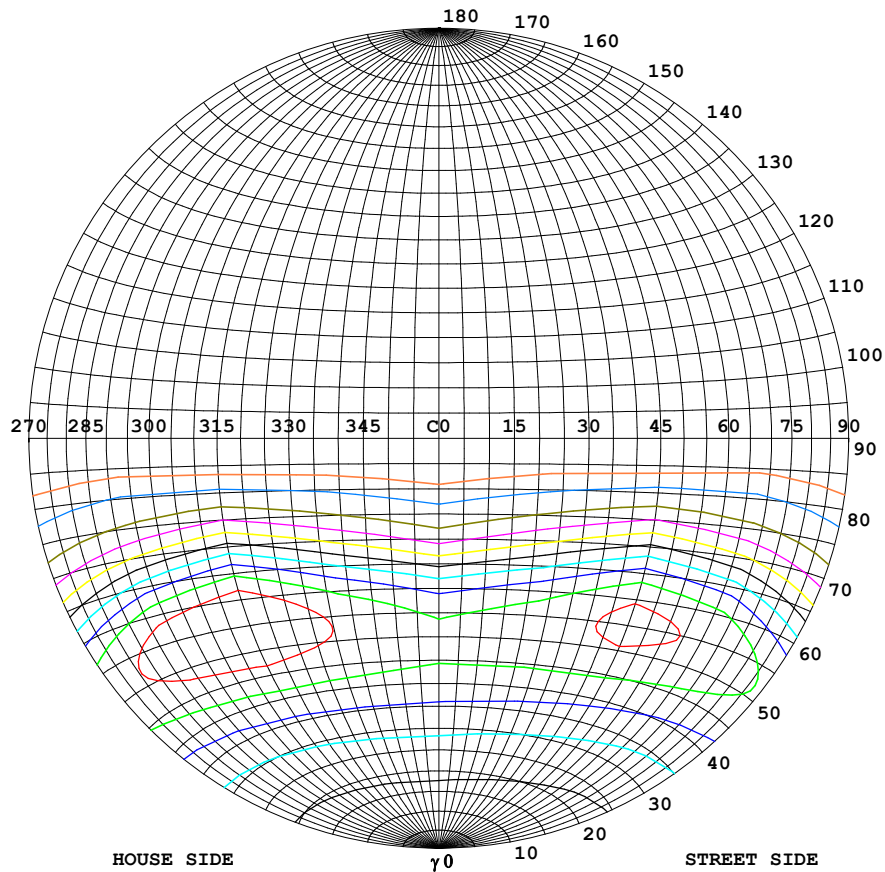
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

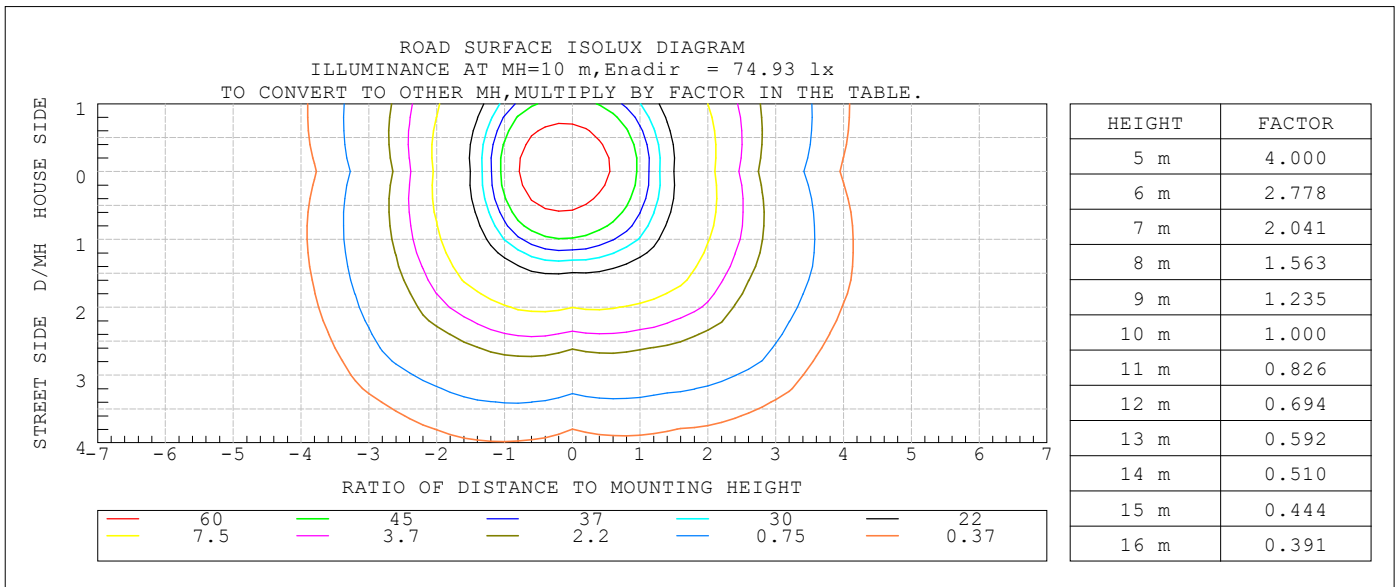
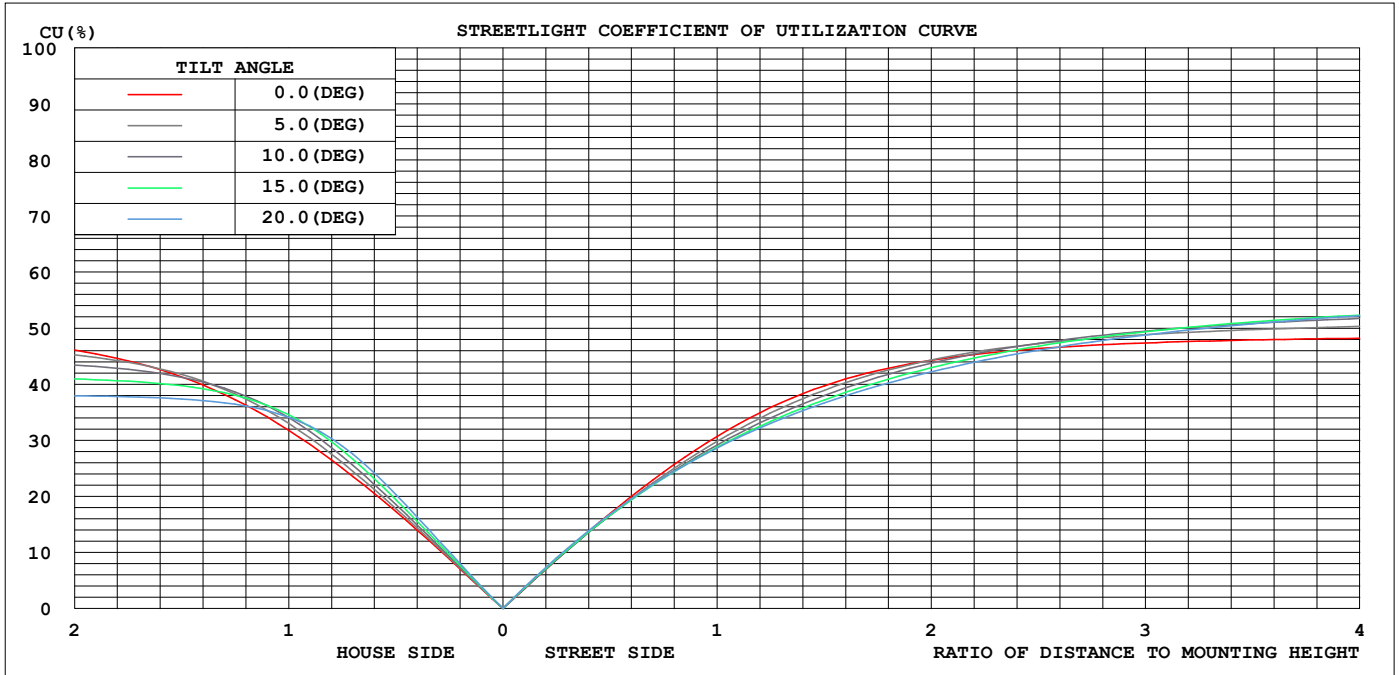
IES:Type VS - Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:47.00cd/klm
Max.At90:0.3931cd/klm
Max.80-90:47.00cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		16915
90%		15224
80%		13532
70%		11841
60%		10149
50%		8458
40%		6766
30%		5075
20%		3383
10%		1692
5%		846

C Range: 0 - 360DEG
C Interval: 22.5DEG
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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: 24.1°C
Operators:DAMIN
Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

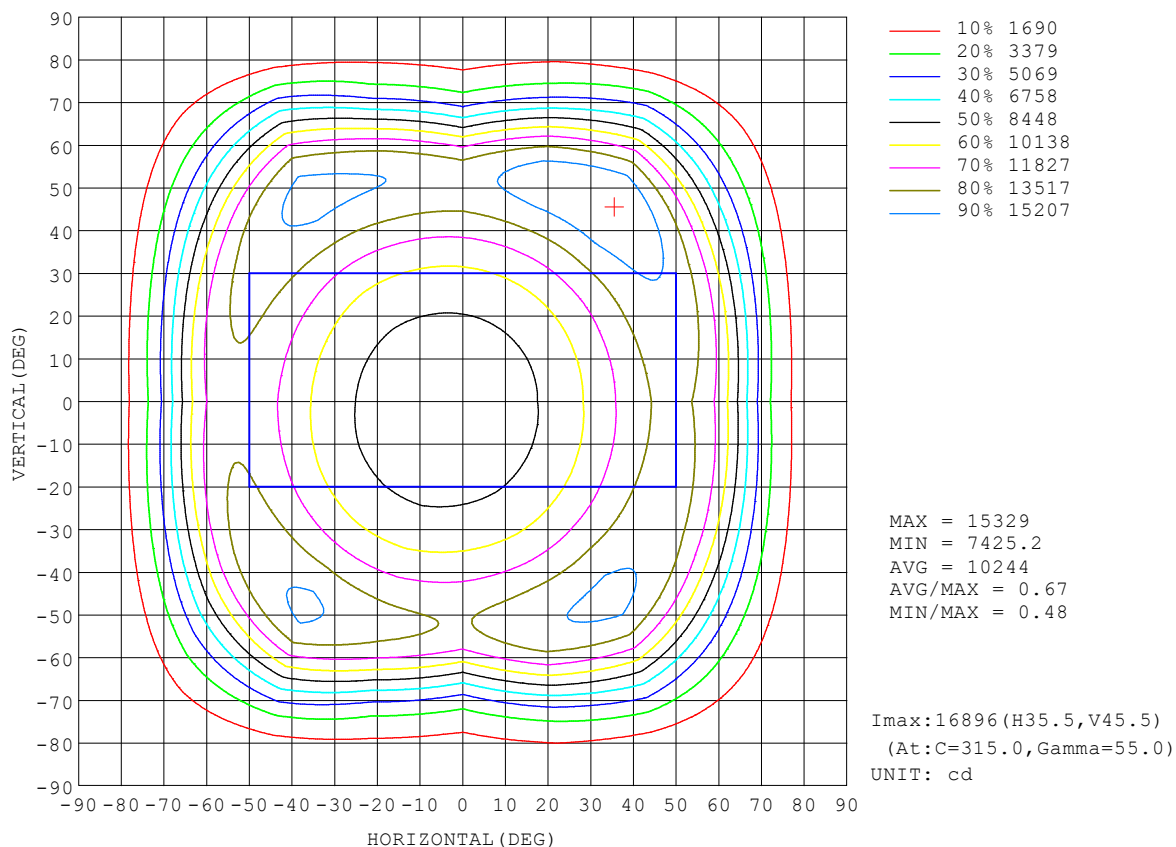
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	782.6	772.6	758.4	749.5	749.4	759.2	772.1	781.7	0- 10	722.3	722.3	1.38,1.38
20	872.5	841.9	807.4	788.6	794.3	812.2	840.7	864.3	10- 20	2254	2977	5.67,5.67
30	1049	988.4	920.6	888.2	910.6	936.7	983.4	1032	20- 30	4131	7107	13.5,13.5
40	1272	1227	1126	1087	1107	1162	1228	1303	30- 40	6750	13858	26.4,26.4
50	1388	1505	1330	1402	1288	1462	1453	1616	40- 50	10242	24100	45.9,45.9
60	1127	1499	1074	1545	1179	1562	1152	1606	50- 60	12906	37006	70.5,70.5
70	447.3	877.1	432.3	969.0	540.3	1008	447.0	904.9	60- 70	10374	47380	90.3,90.3
80	98.63	211.8	117.8	235.2	118.3	246.6	118.6	195.8	70- 80	4266	51646	98.4,98.4
90	1.278	2.062	1.260	1.930	0.4578	0.6838	0.3894	0.6194	80- 90	678.0	52324	99.7,99.7
100	1.996	2.616	2.076	2.658	0.2287	0.2905	0.2740	0.2601	90-100	12.00	52336	99.8,99.8
110	2.690	3.079	2.619	3.291	0.5726	0.5902	0.7610	0.6010	100-110	16.25	52352	99.8,99.8
120	2.972	2.978	2.821	3.468	1.754	1.965	2.156	1.708	110-120	21.11	52373	99.8,99.8
130	3.064	3.100	3.481	3.513	2.653	2.928	2.961	2.565	120-130	25.30	52399	99.9,99.9
140	3.138	3.161	3.569	3.411	2.949	2.897	2.856	2.569	130-140	23.63	52422	99.9,99.9
150	3.079	3.163	3.429	3.182	2.609	2.509	2.474	2.243	140-150	18.22	52440	100,100
160	3.363	3.309	3.280	3.175	2.999	2.691	2.606	2.398	150-160	13.02	52453	100,100
170	3.826	3.540	3.282	3.286	4.276	3.671	3.348	3.395	160-170	9.204	52463	100,100
180	3.893	3.529	3.070	3.284	3.984	3.591	3.120	3.333	170-180	3.428	52466	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-03-23

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

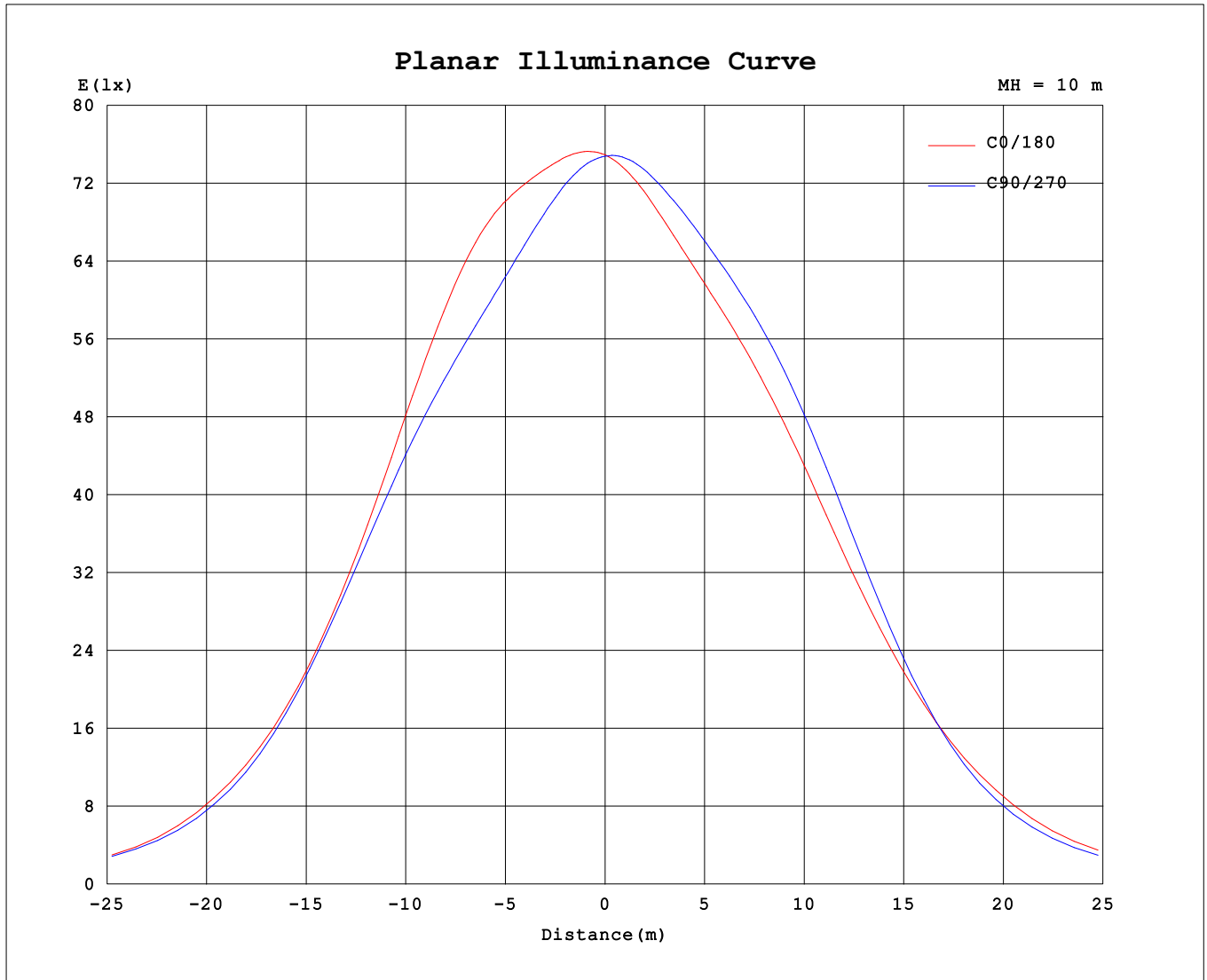
Test:U:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1°C
Operators:DAMIN
Test Date:2024-03-23

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



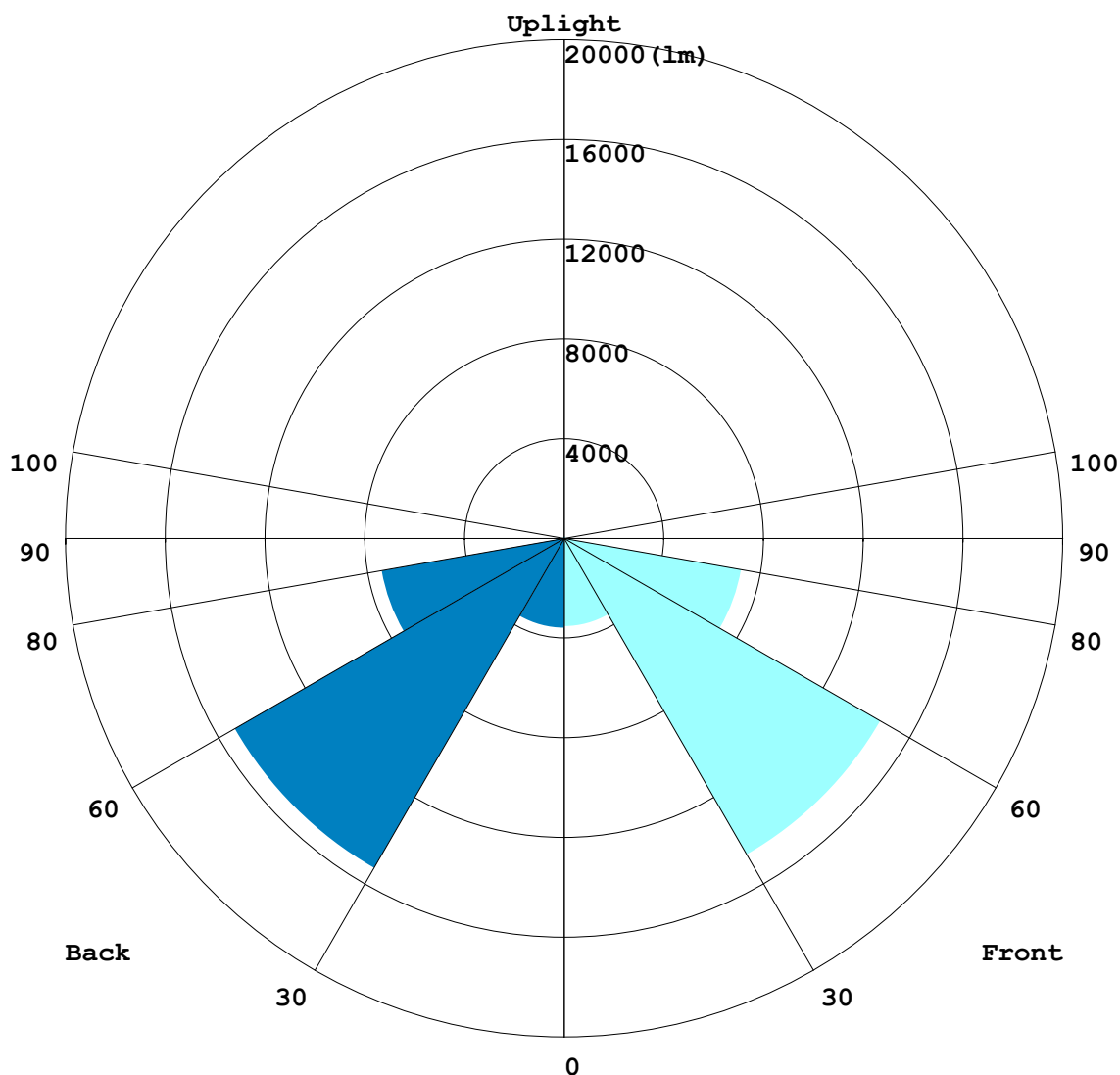
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.1°C
 Operators:DAMIN
 Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 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: 24.1℃
Operators:DAMIN
Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 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)	3525.9	6.7
FM - Front-Medium(30-60)	14639	27.9
FH - Front-High(60-80)	7207.4	13.7
FVH - Front-Very High(80-90)	349.92	0.7
Total Forward Light	25814	49.2

BL - Back-Low(0-30)	3581.4	6.8
BM - Back-Medium(30-60)	15259	29.1
BH - Back-High(60-80)	7432.4	14.2
BVH - Back-Very High(80-90)	328.05	0.6
Total Back Light	26652	50.8

UL - Uplight-Low(90-100)	12	0.0
UH - Uplight-High(100-180)	130.15	0.2
Total Up Light	142.15	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	26601	51.203	26652
Street Side	25723	90.949	25814

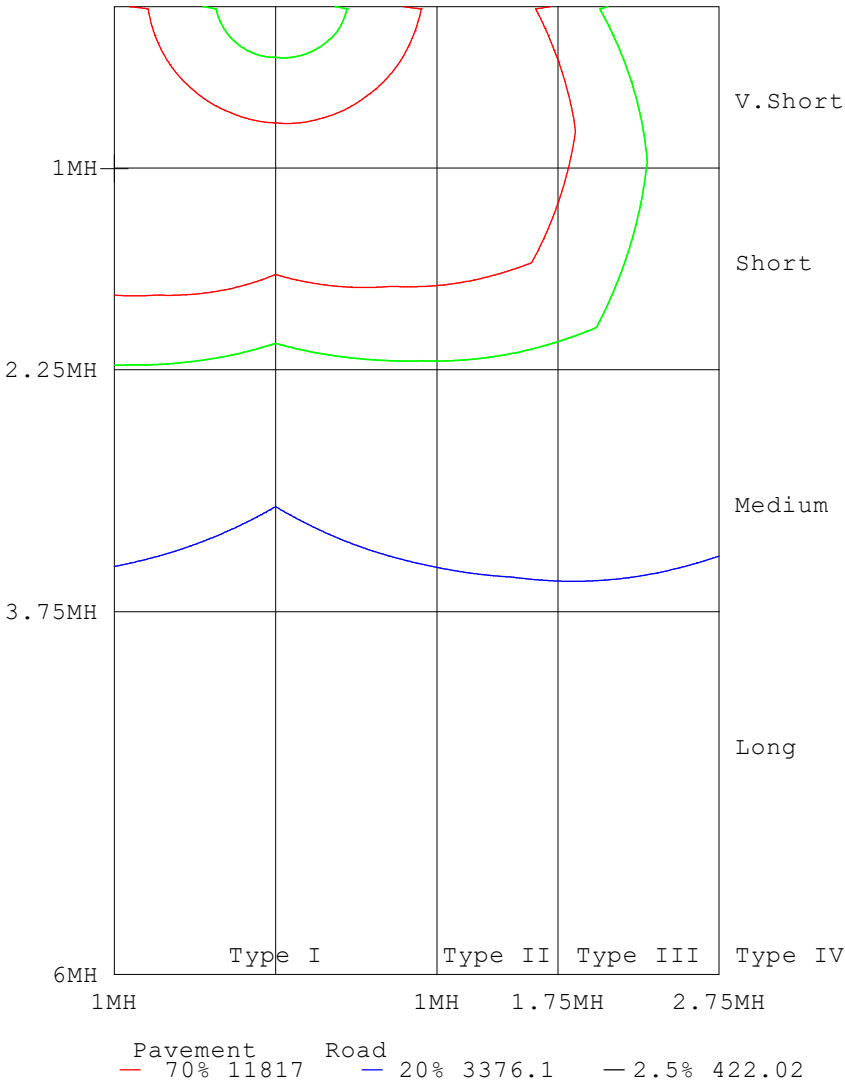
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 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: 24.1℃
Operators:DAMIN
Test Date:2024-03-23

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:118.22V I:3.3344A P:393.78W PF:0.9989 Freq:60.01Hz Lamp Flux:52466x1 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	748	748	748	748	748	748	748	748	748	748	748	748	748	748	748	748			
5	760	758	756	752	749	746	744	744	744	747	749	752	755	759	760	761			
10	783	778	773	765	758	753	749	748	749	754	759	766	772	778	782	784			
15	818	810	800	787	777	768	763	762	765	772	779	790	799	808	815	819			
20	873	860	842	822	807	794	789	788	794	803	812	828	841	853	864	873			
25	950	931	903	874	854	834	828	831	842	853	863	883	901	920	935	949			
30	1049	1025	988	948	921	894	888	894	911	926	937	962	983	1009	1032	1050			
35	1162	1136	1096	1048	1013	981	973	981	1001	1022	1036	1066	1093	1126	1156	1170			
40	1272	1256	1227	1174	1126	1093	1087	1092	1107	1137	1162	1200	1228	1273	1303	1299			
45	1360	1368	1370	1316	1249	1228	1234	1221	1214	1262	1309	1349	1365	1433	1464	1419			
50	1388	1437	1505	1442	1330	1356	1402	1345	1288	1366	1462	1478	1453	1568	1616	1496			
55	1320	1420	1572	1491	1294	1407	1537	1418	1293	1412	1572	1518	1404	1601	1692	1484			
60	1127	1276	1499	1379	1074	1287	1545	1378	1179	1345	1562	1384	1152	1449	1606	1331			
65	796	994	1249	1082	738	985	1347	1162	893	1112	1369	1060	777	1100	1320	1025			
70	447	649	877	705	432	621	969	818	540	769	1008	664	447	687	905	657			
75	223	355	513	387	231	333	567	482	279	445	607	357	239	367	507	353			
80	98.6	157	212	191	118	163	235	211	118	198	247	173	119	179	196	156			
85	28.9	51.7	56.0	70.5	44.9	62.4	61.5	61.5	31.1	52.3	61.8	53.9	39.2	55.0	52.4	44.5			
90	1.28	1.69	2.06	1.70	1.26	1.61	1.93	1.56	0.46	0.60	0.68	0.51	0.39	0.55	0.62	0.52			
95	1.55	1.89	2.25	1.87	1.51	1.90	2.19	1.75	0.22	0.29	0.33	0.27	0.23	0.27	0.29	0.25			
100	2.00	2.29	2.62	2.32	2.08	2.43	2.66	2.18	0.23	0.26	0.29	0.25	0.27	0.27	0.26	0.23			
105	2.41	2.62	2.92	2.71	2.56	2.80	3.05	2.54	0.36	0.38	0.38	0.37	0.44	0.41	0.38	0.34			
110	2.69	2.84	3.08	3.07	2.62	3.10	3.29	2.76	0.57	0.60	0.59	0.66	0.76	0.71	0.60	0.52			
115	2.87	2.99	3.06	3.38	2.66	3.31	3.42	2.87	1.01	1.09	1.12	1.31	1.38	1.36	1.00	0.96			
120	2.97	3.05	2.98	3.55	2.82	3.51	3.47	2.88	1.75	1.84	1.97	2.13	2.16	2.17	1.71	1.65			
125	3.04	3.07	3.07	3.63	3.31	3.65	3.52	2.86	2.27	2.36	2.58	2.64	2.67	2.56	2.28	2.10			
130	3.06	3.02	3.10	3.60	3.48	3.66	3.51	2.85	2.65	2.79	2.93	2.91	2.96	2.78	2.56	2.30			
135	3.12	2.90	3.16	3.56	3.58	3.73	3.49	2.89	2.92	3.05	3.00	2.95	3.01	2.79	2.64	2.33			
140	3.14	2.84	3.16	3.50	3.57	3.67	3.41	2.92	2.95	3.03	2.90	2.84	2.86	2.65	2.57	2.21			
145	3.08	2.85	3.16	3.43	3.49	3.53	3.28	2.87	2.83	2.81	2.65	2.67	2.65	2.44	2.44	2.07			
150	3.08	2.99	3.16	3.40	3.43	3.40	3.18	2.82	2.61	2.60	2.51	2.55	2.47	2.26	2.24	1.93			
155	3.18	3.23	3.22	3.40	3.38	3.35	3.16	2.84	2.65	2.54	2.46	2.50	2.41	2.24	2.20	1.92			
160	3.36	3.47	3.31	3.38	3.28	3.28	3.17	2.93	3.00	2.79	2.69	2.71	2.61	2.42	2.40	2.19			
165	3.55	3.65	3.42	3.40	3.24	3.17	3.17	3.04	3.83	3.59	3.40	3.33	3.18	3.06	3.10	2.93			
170	3.83	3.85	3.54	3.46	3.28	3.20	3.29	3.28	4.28	4.06	3.67	3.52	3.35	3.28	3.39	3.32			
175	3.87	4.04	3.65	3.50	3.31	3.23	3.40	3.42	4.24	4.29	3.80	3.58	3.35	3.32	3.55	3.52			
180	3.89	3.99	3.53	3.28	3.07	3.01	3.28	3.45	3.98	4.06	3.59	3.33	3.12	3.05	3.33	3.52			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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