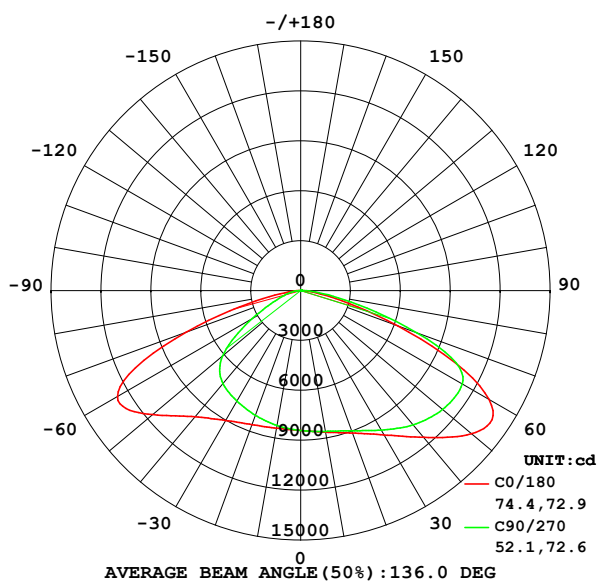
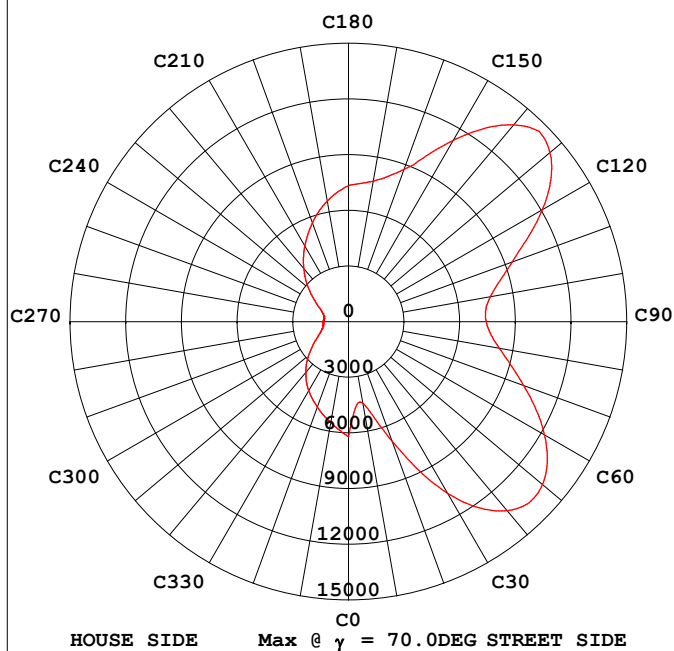


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.18 lm/W			
MODEL		I _{max} (cd)	14513	η street_up (%)	0.1
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	60.6
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	44304	η house_up (%)	0.1
NOMINAL FLUX (lm)	44304.1	MAXIMUM @ (C, γ)	135,70.0	η house_down (%)	39.2
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.816

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators:DAMIN
Test Date:2024-01-05

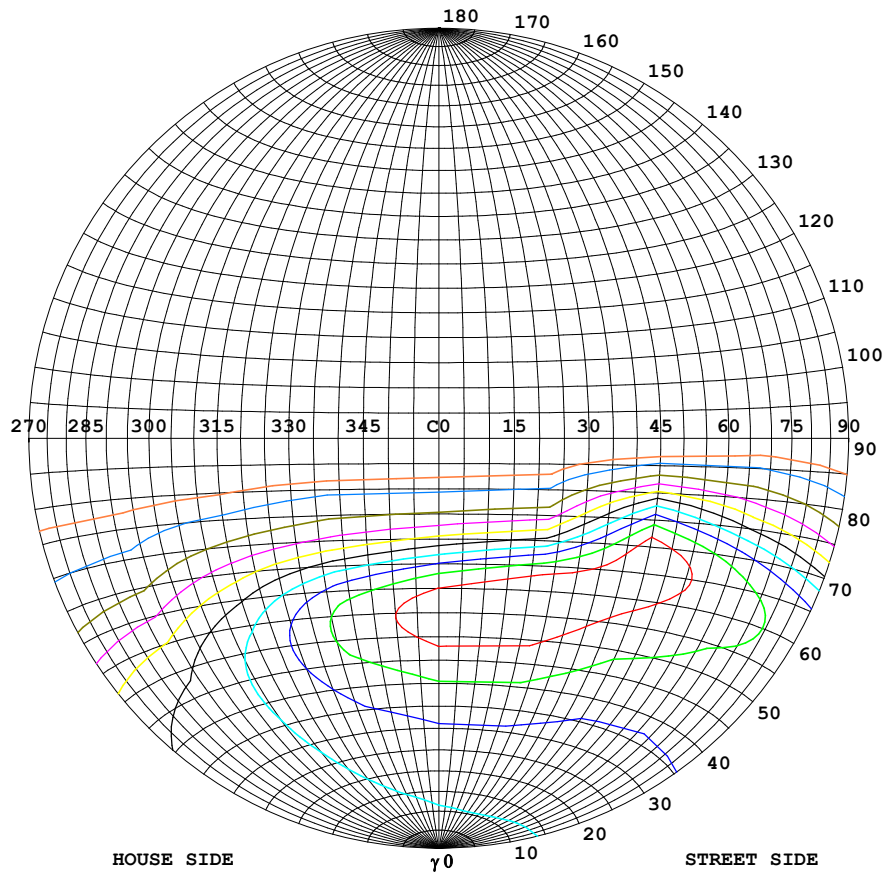
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz

Lamp Flux:44304.1x1 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.At80:159.2cd/klm

Max.At90:0.5104cd/klm

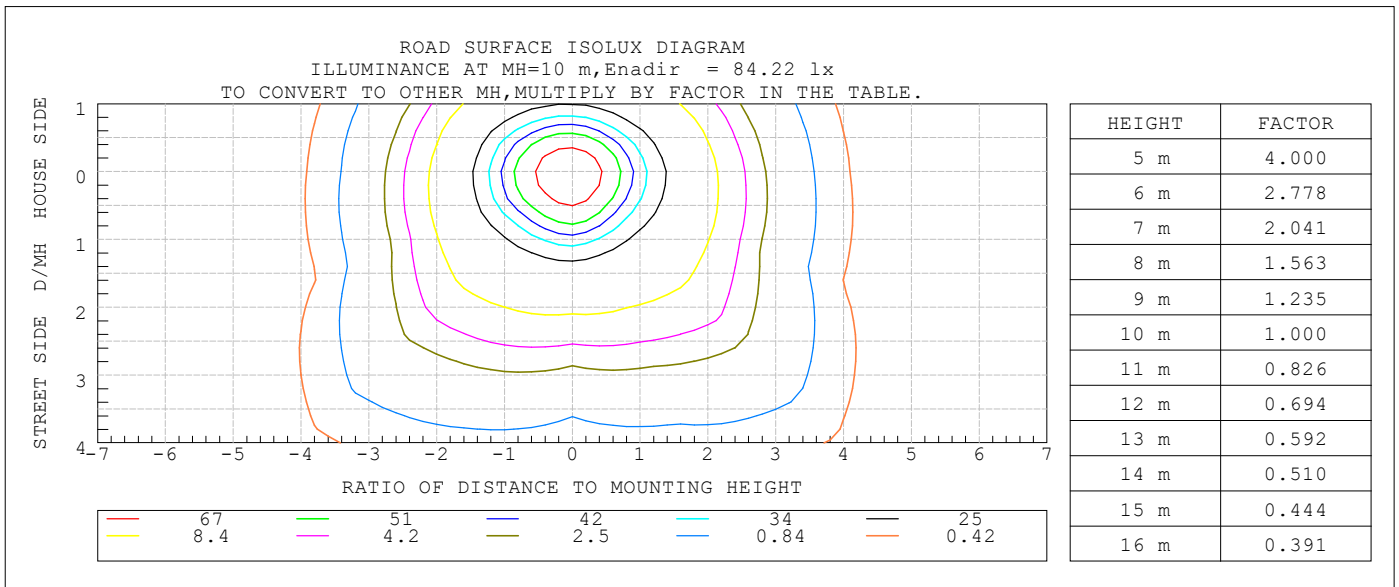
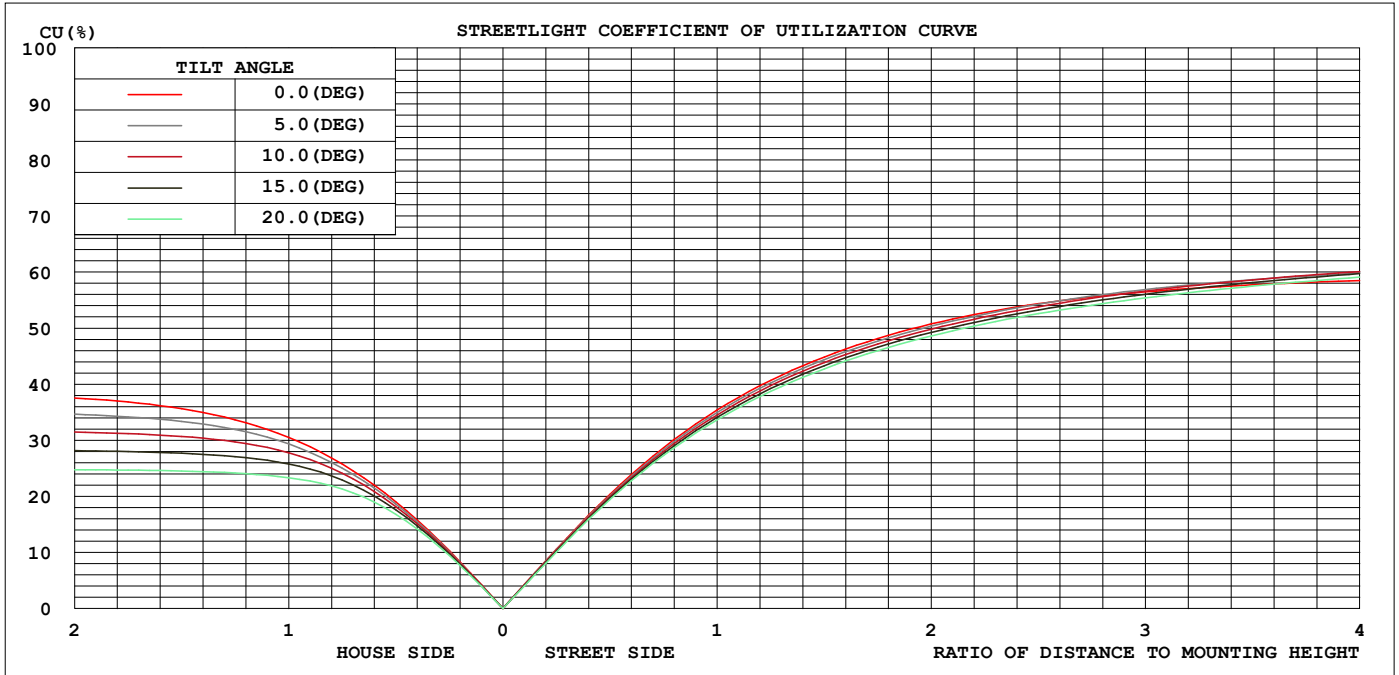
Max.80-90:159.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14513
90%	13061
80%	11610
70%	10159
60%	8708
50%	7256
40%	5805
30%	4354
20%	2903
10%	1451
5%	726

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
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: 25.3℃
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:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

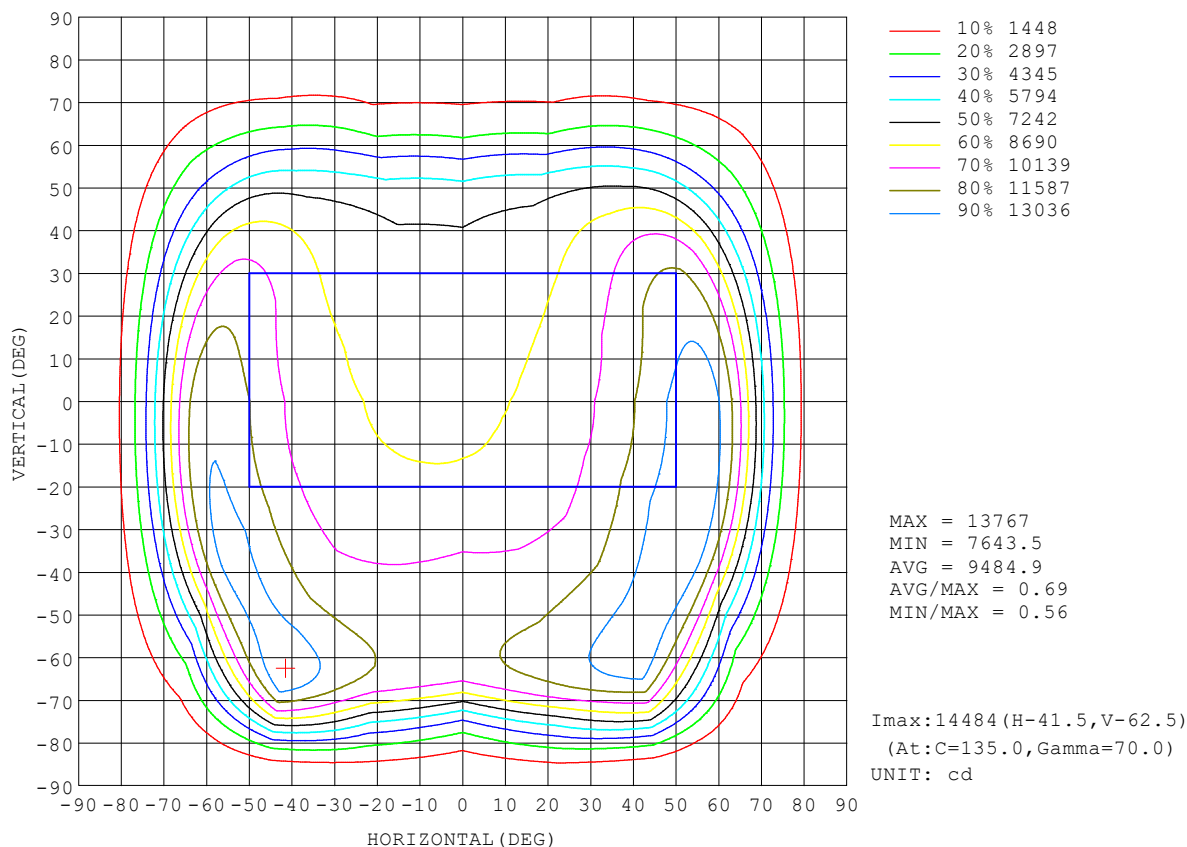
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	864.5	867.7	859.4	849.9	839.7	825.5	823.6	844.0	0- 10	805.8	805.8	1.82,1.82
20	911.7	907.4	897.0	873.3	857.7	815.4	798.3	855.9	10- 20	2425	3231	7.29,7.29
30	1002	968.5	968.6	912.4	901.7	810.0	767.3	876.5	20- 30	4083	7314	16.5,16.5
40	1152	1059	1053	974.9	990.3	812.3	728.0	906.0	30- 40	5845	13160	29.7,29.7
50	1340	1185	1113	1072	1161	807.1	612.8	909.0	40- 50	7731	20890	47.2,47.2
60	1307	1341	1122	1246	1272	662.9	335.4	710.7	50- 60	9244	30134	68,68
70	621.1	1378	743.5	1451	734.1	328.8	138.1	320.8	60- 70	8598	38733	87.4,87.4
80	122.9	609.1	200.6	705.5	158.4	73.69	52.16	67.42	70- 80	4605	43338	97.8,97.8
90	1.484	1.944	1.264	2.261	0.4914	0.3126	0.1895	0.3284	80- 90	853.7	44192	99.7,99.7
100	2.145	1.235	0.7316	1.332	0.2441	0.4144	0.4491	0.3627	90-100	8.442	44200	99.8,99.8
110	2.669	1.667	1.012	1.774	0.6909	0.8595	1.163	0.8278	100-110	11.35	44212	99.8,99.8
120	2.840	1.902	1.237	2.077	1.697	2.044	2.091	1.662	110-120	16.25	44228	99.8,99.8
130	2.798	2.358	1.939	2.360	2.260	2.446	2.412	2.039	120-130	19.53	44247	99.9,99.9
140	2.863	2.612	2.395	2.529	2.335	2.235	2.171	2.011	130-140	18.14	44265	99.9,99.9
150	2.988	2.880	2.754	2.686	2.265	2.192	2.115	1.963	140-150	14.99	44280	99.9,99.9
160	3.307	3.138	2.968	2.883	2.637	2.428	2.363	2.050	150-160	11.72	44292	100,100
170	3.902	3.549	3.188	3.176	3.993	3.509	3.203	3.130	160-170	8.592	44301	100,100
180	3.942	3.559	3.130	3.349	4.034	3.620	3.182	3.400	170-180	3.385	44304	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
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

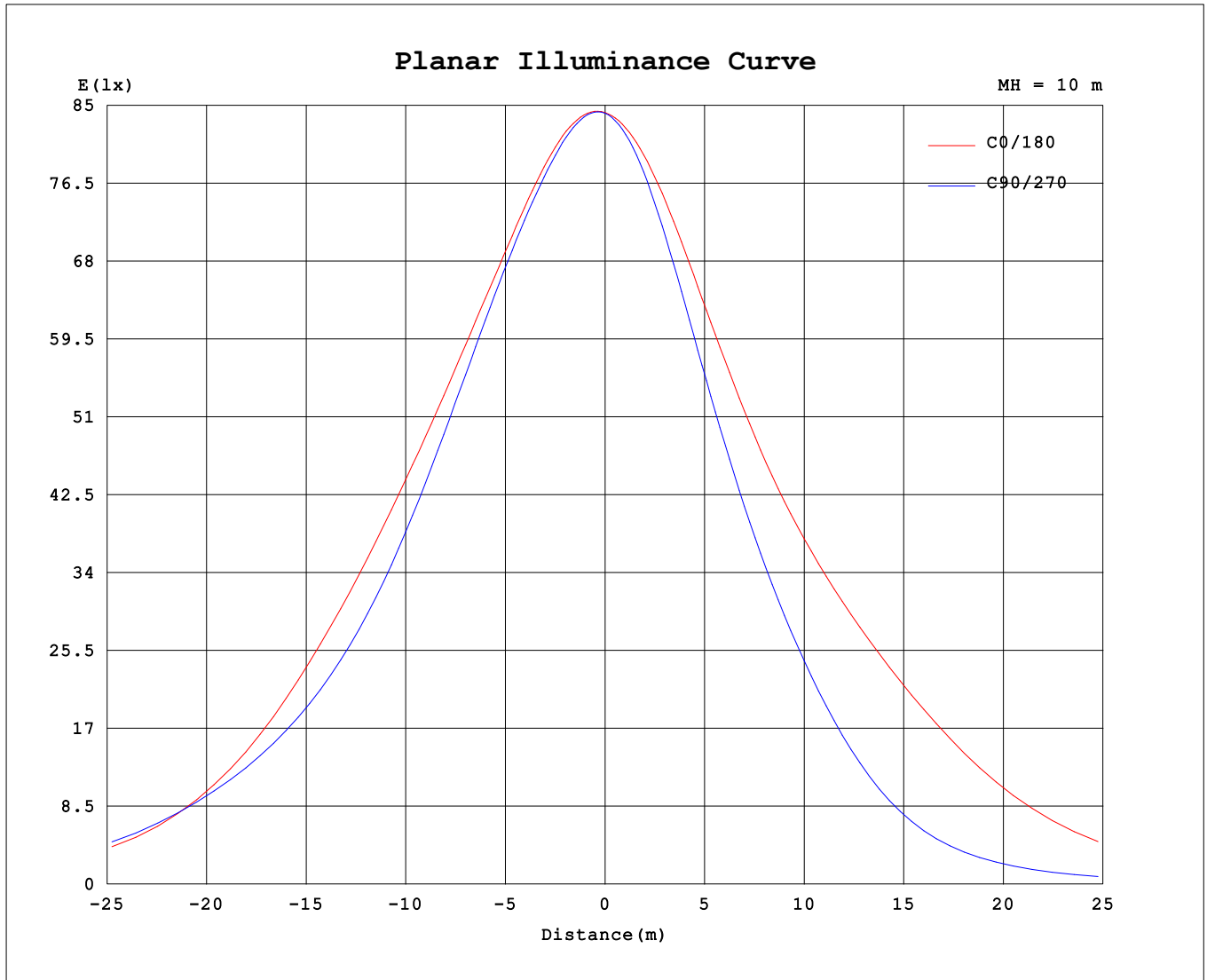
Test:U:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°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



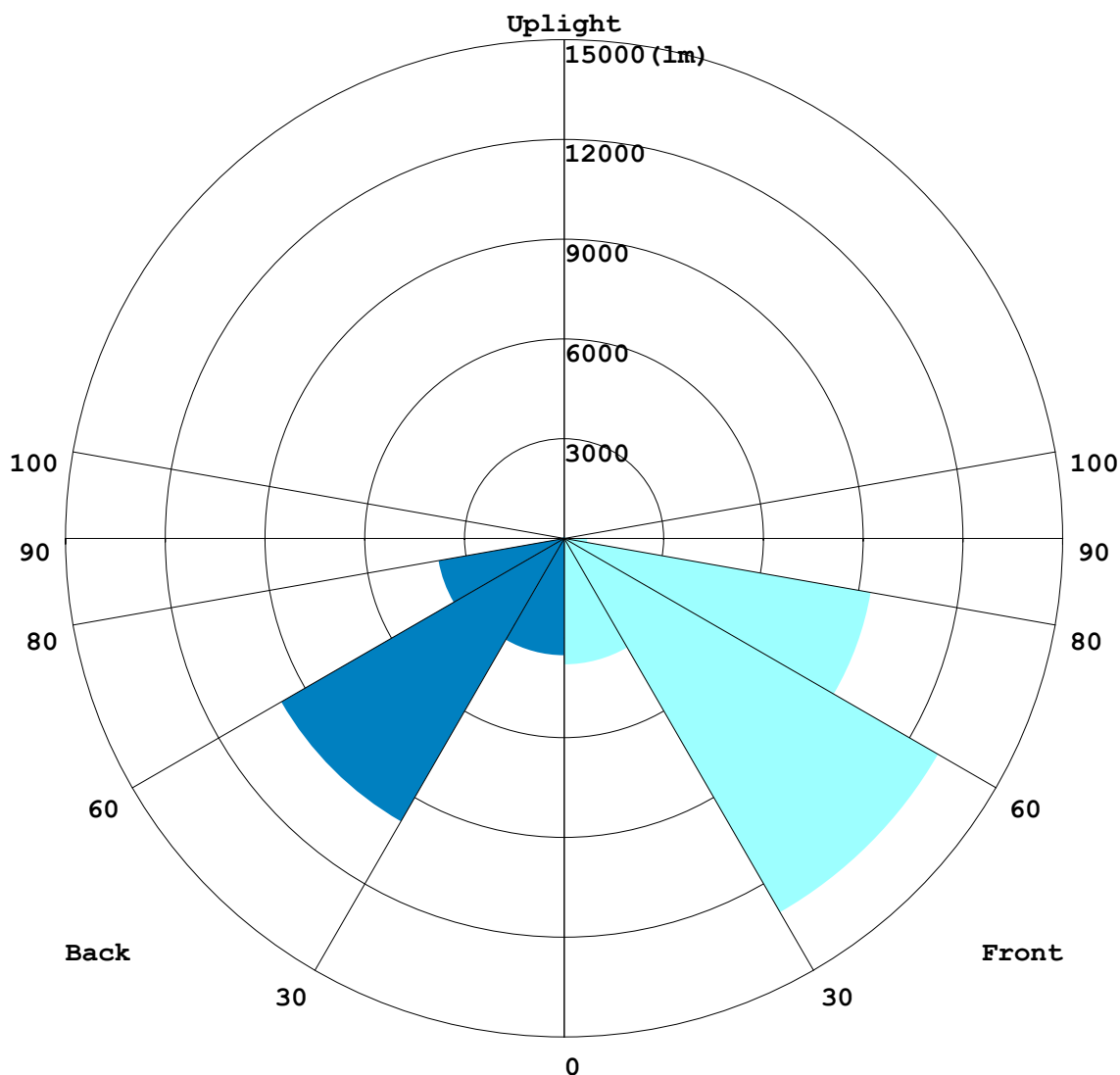
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3℃
 Operators:DAMIN
 Test Date:2024-01-05

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:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 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: 25.3℃
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:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 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)	3792.2	8.6
FM - Front-Medium(30-60)	12990	29.3
FH - Front-High(60-80)	9367.4	21.1
FVH - Front-Very High(80-90)	694.48	1.6
Total Forward Light	26910	60.7

BL - Back-Low(0-30)	3521.9	7.9
BM - Back-Medium(30-60)	9830	22.2
BH - Back-High(60-80)	3836.3	8.7
BVH - Back-Very High(80-90)	159.23	0.4
Total Back Light	17394	39.3

UL - Uplight-Low(90-100)	8.4424	0.0
UH - Uplight-High(100-180)	103.95	0.2
Total Up Light	112.39	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	17347	46.546	17394
Street Side	26844	65.846	26910

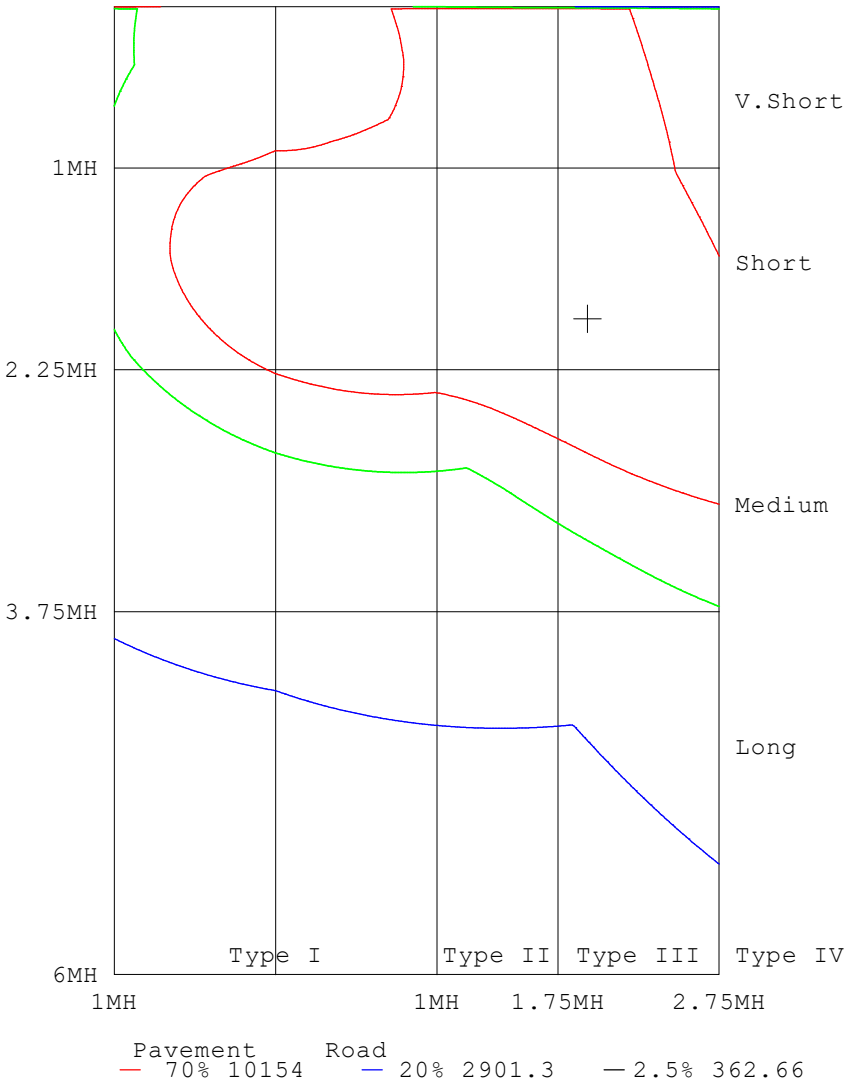
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators:DAMIN
Test Date:2024-01-05

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:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 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: 25.3℃
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:118.05V I:2.8869A P:340.34W PF:0.9986 Freq:60.01Hz Lamp Flux:44304.1x1 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	841	841	841	841	841	841	841	841	841	841	841	841	841	841	841	841			
5	850	852	853	852	849	847	844	841	838	835	833	832	833	837	841	846			
10	864	868	868	865	859	855	850	846	840	833	826	822	824	832	844	857			
15	884	889	885	880	874	867	860	854	846	835	820	811	812	826	849	871			
20	912	916	907	901	897	886	873	866	858	841	815	798	798	819	856	891			
25	950	952	935	929	929	912	891	882	875	851	812	784	783	811	864	920			
30	1002	1000	968	963	969	943	912	906	902	868	810	770	767	803	877	958			
35	1070	1065	1009	1001	1012	976	940	941	939	891	809	757	750	794	890	1008			
40	1152	1144	1059	1043	1053	1011	975	990	990	926	812	741	728	781	906	1069			
45	1248	1235	1119	1087	1088	1044	1019	1058	1065	975	816	716	690	754	918	1139			
50	1340	1328	1185	1128	1113	1077	1072	1151	1161	1028	807	662	613	697	909	1197			
55	1389	1403	1260	1169	1127	1111	1147	1261	1254	1056	765	556	483	586	849	1199			
60	1307	1405	1341	1203	1122	1147	1246	1352	1272	1005	663	405	335	427	711	1076			
65	1022	1203	1411	1206	1033	1145	1370	1284	1097	828	504	260	216	275	514	795			
70	621	770	1378	1059	744	994	1451	916	734	543	329	159	138	168	321	475			
75	306	379	1096	717	415	667	1244	497	382	314	177	95.4	87.9	99.8	170	266			
80	123	153	609	393	201	358	705	213	158	127	73.7	51.1	52.2	52.8	67.4	115			
85	30.2	40.6	167	149	70.4	139	201	59.6	41.3	23.6	18.9	17.4	22.2	17.5	17.1	22.3			
90	1.48	1.49	1.94	1.58	1.26	1.49	2.26	1.66	0.49	0.41	0.31	0.23	0.19	0.23	0.33	0.39			
95	1.75	1.44	1.21	0.88	0.65	0.86	1.35	1.51	0.21	0.24	0.29	0.23	0.23	0.22	0.28	0.22			
100	2.14	1.71	1.23	0.86	0.73	0.90	1.33	1.78	0.24	0.37	0.41	0.35	0.45	0.41	0.36	0.27			
105	2.44	1.96	1.45	1.04	0.92	1.08	1.55	2.05	0.40	0.64	0.58	0.59	0.79	0.65	0.53	0.43			
110	2.67	2.19	1.67	1.31	1.01	1.32	1.77	2.24	0.69	0.86	0.86	1.04	1.16	1.02	0.83	0.63			
115	2.82	2.43	1.78	1.60	1.04	1.55	1.95	2.35	1.13	1.18	1.35	1.66	1.63	1.55	1.17	0.96			
120	2.84	2.58	1.90	1.86	1.24	1.76	2.08	2.38	1.70	1.66	2.04	2.21	2.09	2.06	1.66	1.43			
125	2.82	2.65	2.17	2.11	1.64	1.98	2.23	2.39	2.02	2.02	2.44	2.44	2.37	2.21	1.97	1.76			
130	2.80	2.63	2.36	2.31	1.94	2.16	2.36	2.41	2.26	2.31	2.45	2.40	2.41	2.24	2.04	1.86			
135	2.82	2.53	2.51	2.47	2.20	2.39	2.46	2.45	2.37	2.44	2.34	2.26	2.31	2.16	2.03	1.80			
140	2.86	2.52	2.61	2.61	2.39	2.57	2.53	2.51	2.34	2.38	2.23	2.20	2.17	2.06	2.01	1.71			
145	2.89	2.64	2.74	2.76	2.59	2.70	2.61	2.57	2.26	2.27	2.18	2.20	2.08	1.96	1.99	1.64			
150	2.99	2.86	2.88	2.91	2.75	2.79	2.69	2.62	2.27	2.26	2.19	2.22	2.11	1.97	1.96	1.67			
155	3.13	3.12	2.99	3.03	2.88	2.87	2.78	2.68	2.31	2.30	2.26	2.31	2.17	1.98	1.93	1.66			
160	3.31	3.37	3.14	3.16	2.97	2.94	2.88	2.79	2.64	2.50	2.43	2.48	2.36	2.15	2.05	1.85			
165	3.55	3.61	3.32	3.28	3.05	2.98	2.97	2.94	3.38	3.25	3.14	3.10	2.92	2.75	2.69	2.50			
170	3.90	3.91	3.55	3.43	3.19	3.08	3.18	3.25	3.99	3.89	3.51	3.39	3.20	3.09	3.13	3.05			
175	4.01	4.17	3.74	3.57	3.34	3.23	3.41	3.48	4.11	4.18	3.68	3.54	3.35	3.29	3.45	3.43			
180	3.94	4.02	3.56	3.35	3.13	3.06	3.35	3.51	4.03	4.10	3.62	3.41	3.18	3.12	3.40	3.57			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
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: