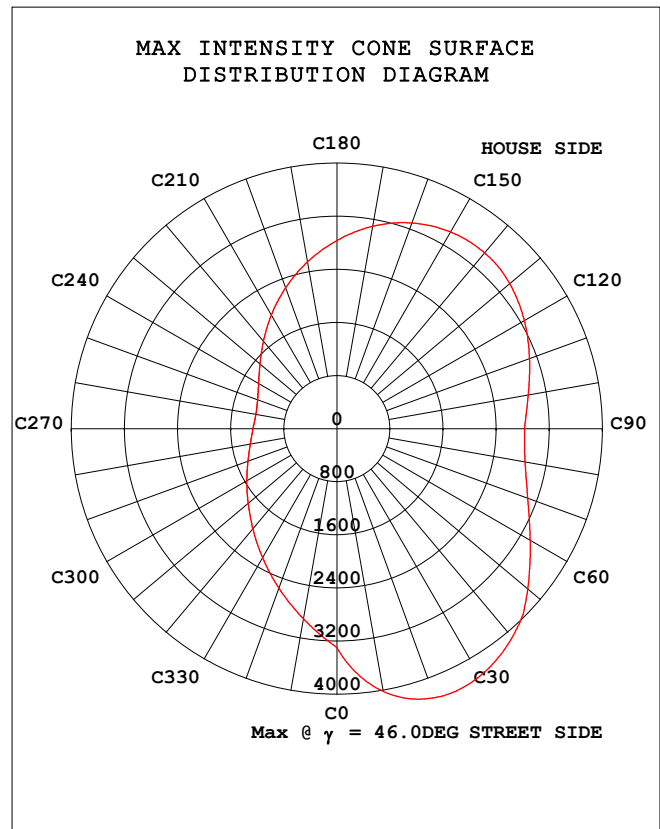
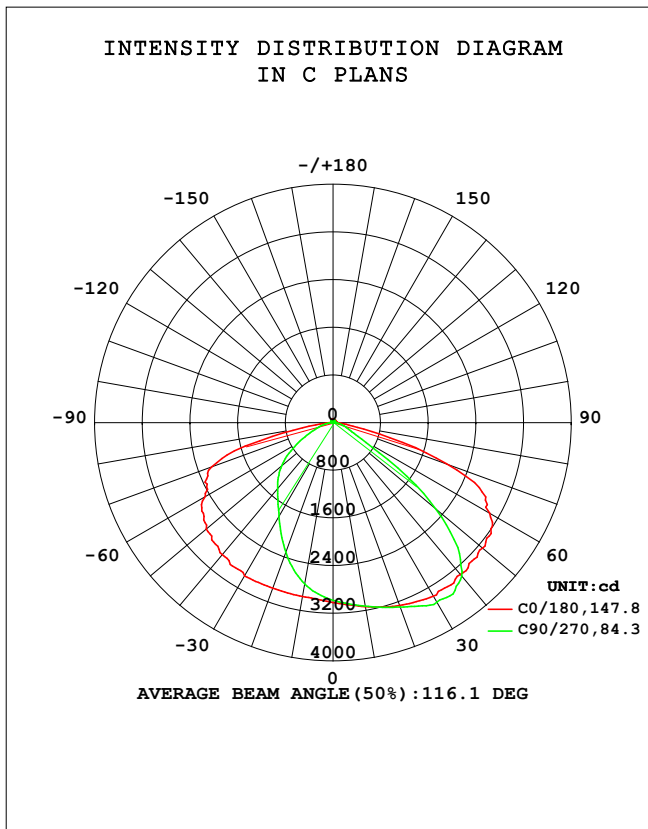


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.59 lm/W			
MODEL		I _{max} (cd)	3962	η street_up (%)	1.6
NOMINAL POWER (W)	100W	LOR (%)	100.0	η street_down (%)	59.7
RATED VOLTAGE (V)		TOTAL FLUX (lm)	10574	η house_up (%)	0.9
NOMINAL FLUX (lm)	10573.7	MAXIMUM @ (C, γ)	45,46.0	η house_down (%)	37.8
LAMPS INSIDE	1	η up (%)	2.5	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	97.5	SLI	19.295

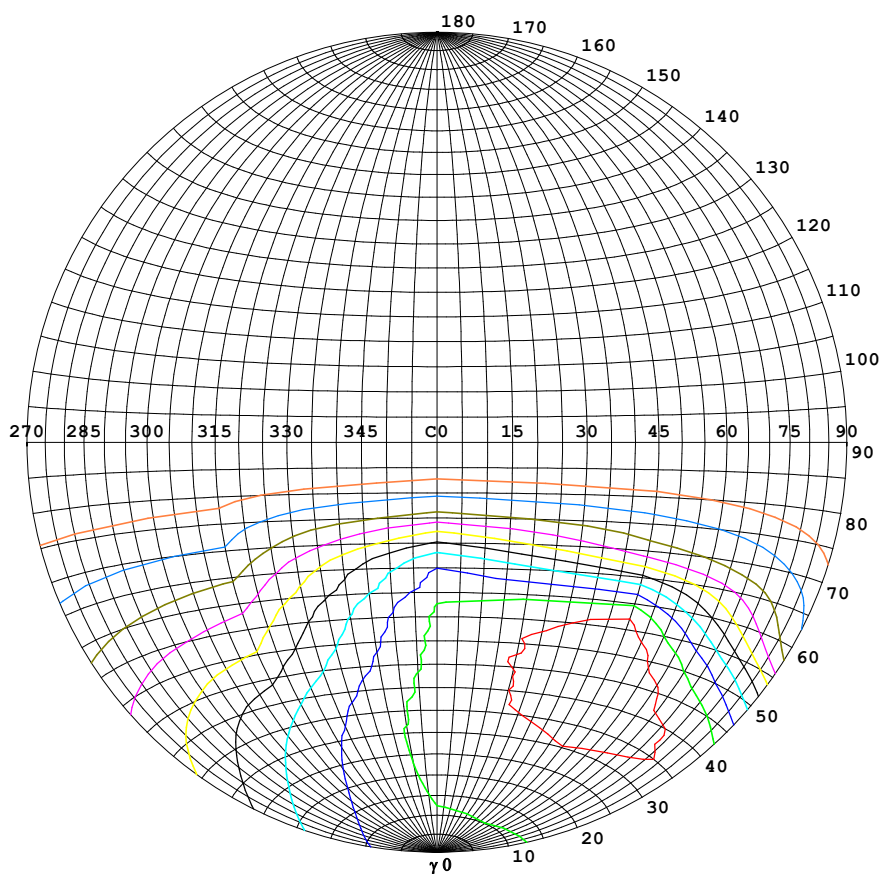


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



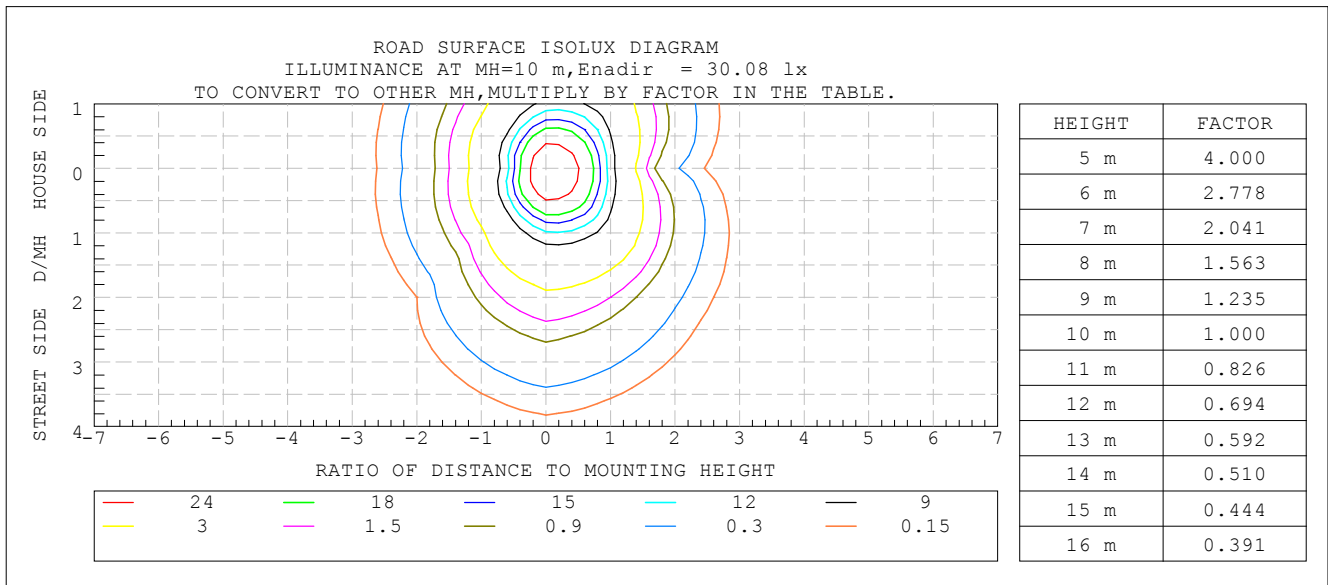
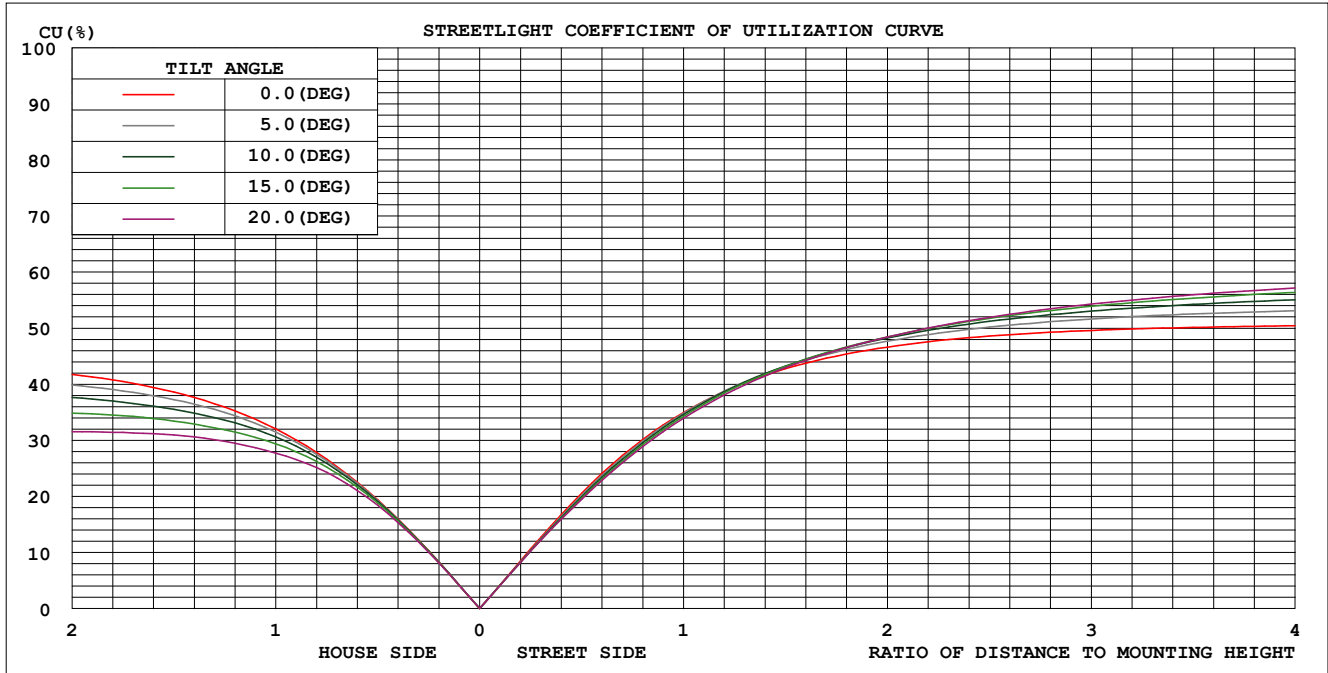
Classification:

IES:Type III - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:49.42cd/klm
Max.At90:6.254cd/klm
Max.80-90:49.42cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3962
90%	3566
80%	3170
70%	2773
60%	2377
50%	1981
40%	1585
30%	1189
20%	792
10%	396
5%	198

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

gamma Range: 0 - 180DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

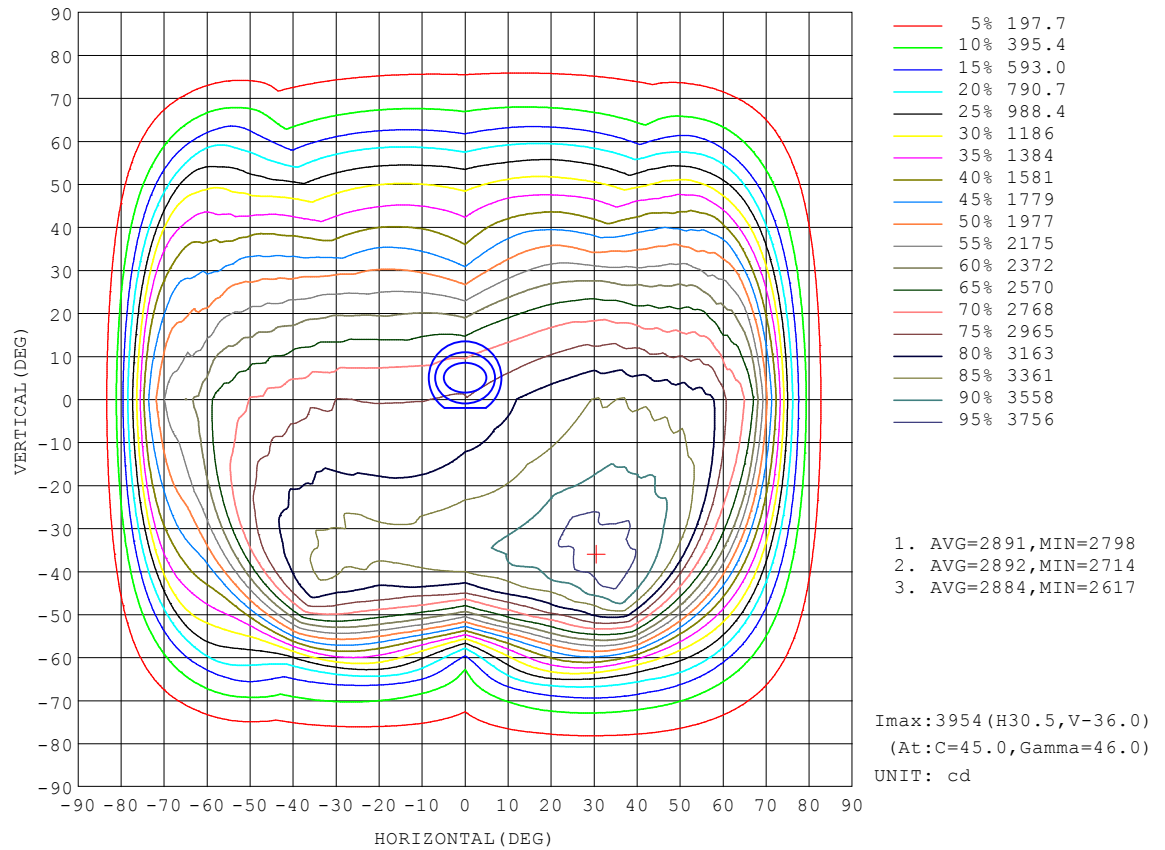
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	3136	3168	3129	3016	2962	2794	2749	2897	0- 10	284.9	284.9	2.69,2.69
20	3265	3345	3294	3098	2957	2547	2318	2774	10- 20	840.7	1126	10.6,10.6
30	3366	3559	3484	3240	2970	2264	1816	2572	20- 30	1356	2482	23.5,23.5
40	3325	3862	3363	3374	2892	1903	1453	2208	30- 40	1798	4279	40.5,40.5
50	3276	3884	2256	3436	2780	1430	1127	1618	40- 50	2052	6331	59.9,59.9
60	3036	3103	555.4	2556	2475	957.1	674.6	1059	50- 60	1952	8283	78.3,78.3
70	2023	1016	238.1	695.2	2169	394.3	306.4	428.5	60- 70	1340	9623	91,91
80	342.6	233.7	101.0	163.7	522.5	139.4	110.1	160.7	70- 80	571.0	10194	96.4,96.4
90	66.13	65.27	42.24	49.04	45.10	48.50	31.08	59.46	80- 90	116.0	10310	97.5,97.5
100	51.81	44.90	35.24	36.98	36.18	27.63	24.16	34.60	90-100	45.98	10356	97.9,97.9
110	49.81	39.11	29.26	33.06	43.07	31.33	27.17	39.50	100-110	38.03	10394	98.3,98.3
120	47.08	41.95	27.92	34.04	49.00	36.40	34.03	43.96	110-120	37.50	10431	98.7,98.7
130	45.29	45.60	29.24	36.07	53.47	42.54	41.60	46.99	120-130	36.64	10468	99,99
140	47.96	46.69	32.92	35.67	57.72	49.56	45.51	48.55	130-140	34.14	10502	99.3,99.3
150	51.98	48.11	38.12	38.47	58.53	54.07	49.22	49.39	140-150	29.52	10532	99.6,99.6
160	53.57	50.87	42.62	40.96	57.91	55.19	52.65	48.72	150-160	22.89	10554	99.8,99.8
170	54.94	52.36	46.17	43.62	57.13	54.54	52.27	47.82	160-170	14.39	10569	100,100
180	55.91	53.72	49.54	46.02	56.52	53.30	49.89	45.79	170-180	4.883	10574	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

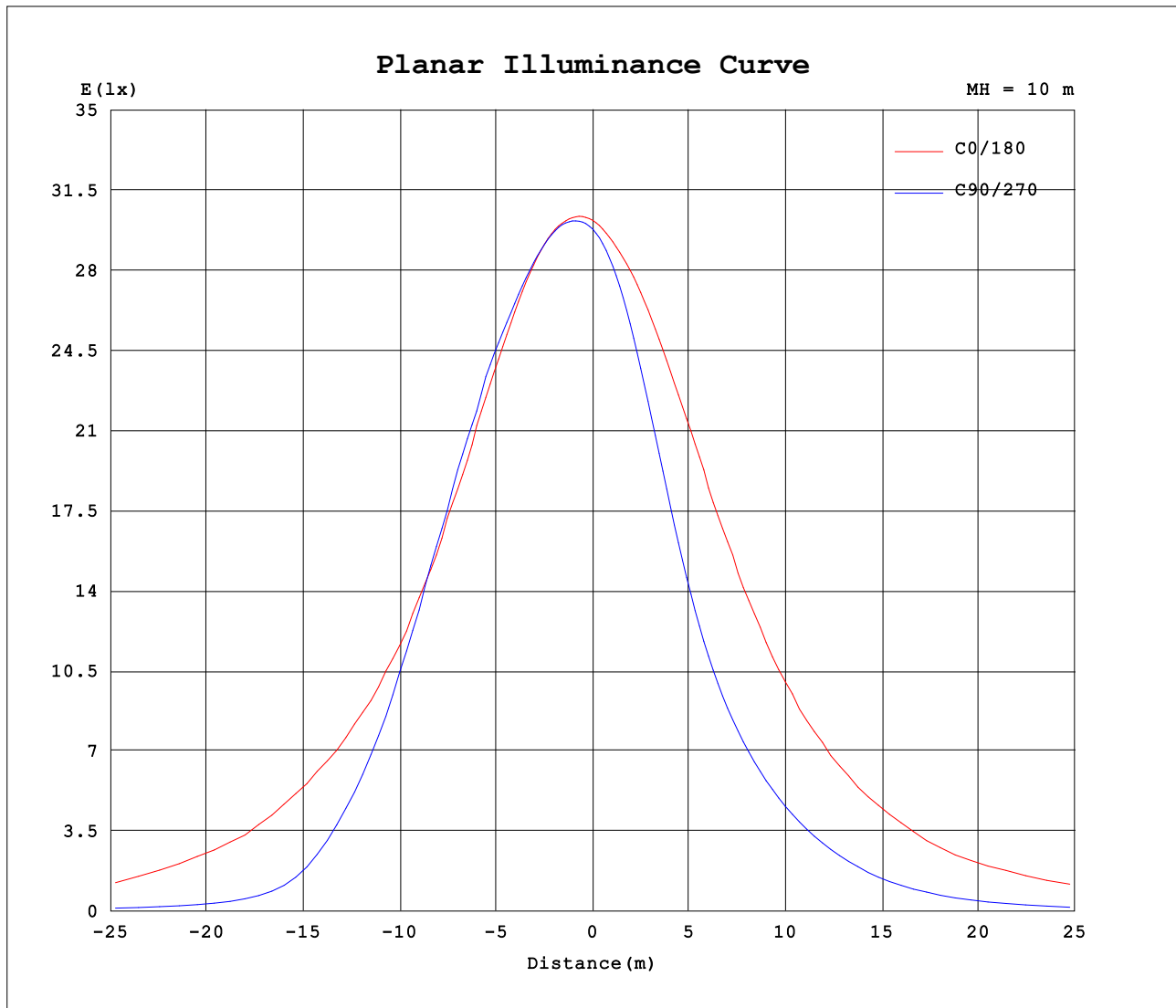
Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



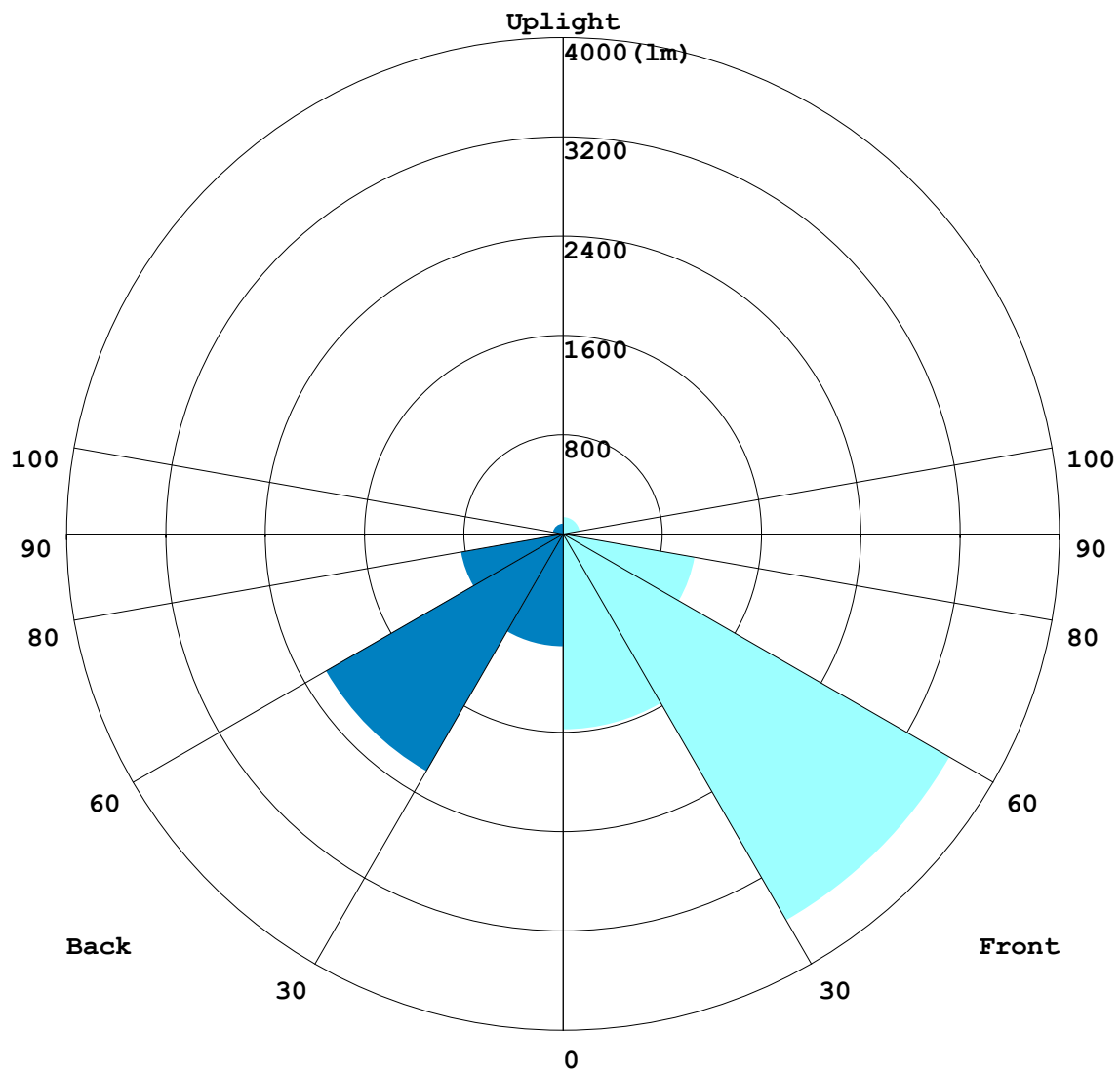
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LCS REPORT

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

BUG REPORT

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 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)	1575.1	14.9
FM - Front-Medium(30-60)	3595.1	34.0
FH - Front-High(60-80)	1076	10.2
FVH - Front-Very High(80-90)	69.037	0.7
Total Forward Light	6480.4	61.3

BL - Back-Low(0-30)	906.46	8.6
BM - Back-Medium(30-60)	2206	20.9
BH - Back-High(60-80)	835.08	7.9
BVH - Back-Very High(80-90)	46.991	0.4
Total Back Light	4093.3	38.7

UL - Uplight-Low(90-100)	45.98	0.4
UH - Uplight-High(100-180)	217.99	2.1
Total Up Light	263.97	2.5

BUG(Back,Up,Glare) Rating	B2-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3994.5	98.795	4093.3
Street Side	6315.3	165.17	6480.4

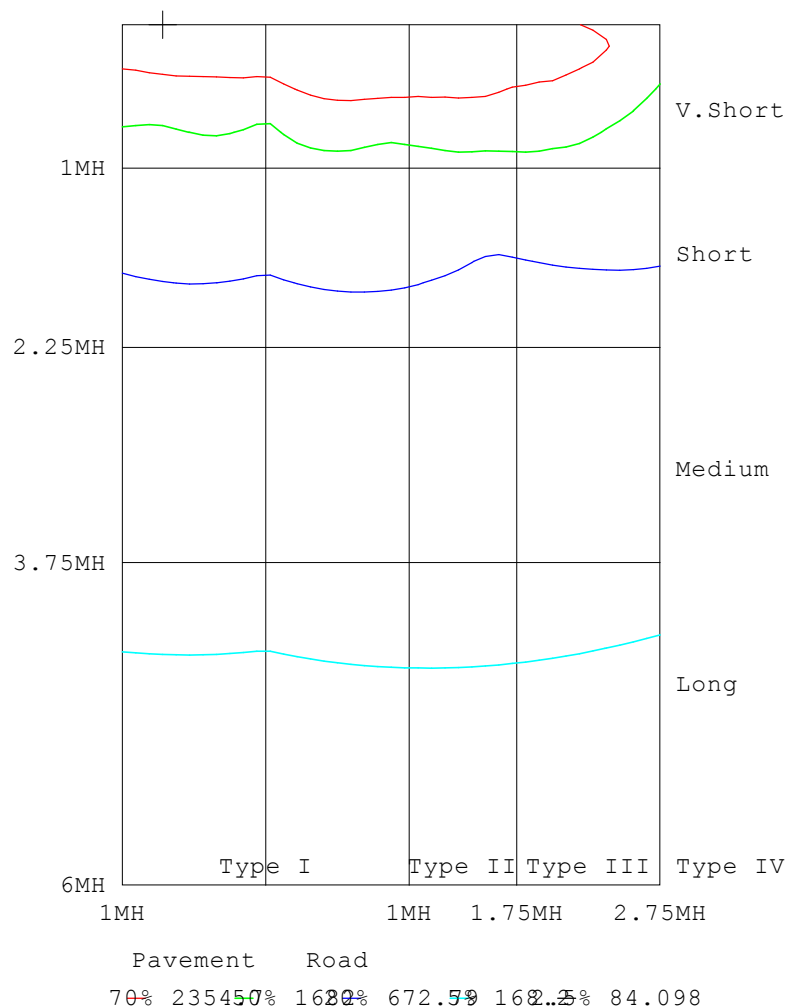
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.70V I:0.4777A P:100.14W PF:0.9585 Freq:49.99Hz Lamp Flux:10573.7x1 lm								
NAME:				TYPE:				WEIGHT:
SPEC.:				DIM.:				SERIAL No.:
MFR.: EVERFINE				SUR.:				Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	3020	2997	2981	2965	3020	2997	2981	2965										
5	3070	3084	3052	2985	2979	2898	2887	2937										
10	3136	3168	3129	3016	2962	2794	2749	2897										
15	3205	3256	3208	3049	2959	2672	2555	2841										
20	3265	3345	3294	3098	2957	2547	2318	2774										
25	3315	3447	3398	3163	2962	2411	2061	2687										
30	3366	3559	3484	3240	2970	2264	1816	2572										
35	3359	3710	3512	3347	2940	2098	1615	2416										
40	3325	3862	3363	3374	2892	1903	1453	2208										
45	3294	3924	2966	3491	2838	1658	1300	1908										
50	3276	3884	2256	3436	2780	1430	1127	1618										
55	3244	3699	1325	3226	2655	1208	905	1349										
60	3036	3103	555	2556	2475	957	675	1059										
65	2765	2077	333	1529	2372	654	458	732										
70	2023	1016	238	695	2169	394	306	429										
75	989	518	163	365	1528	235	205	255										
80	343	234	101	164	523	139	110	161										
85	138	113	62.0	78.7	121	75.2	56.6	91.1										
90	66.1	65.3	42.2	49.0	45.1	48.5	31.1	59.5										
95	56.3	53.9	38.3	42.3	37.1	38.9	25.8	44.5										
100	51.8	44.9	35.2	37.0	36.2	27.6	24.2	34.6										
105	49.9	40.1	32.2	34.2	39.0	29.1	25.2	35.5										
110	49.8	39.1	29.3	33.1	43.1	31.3	27.2	39.5										
115	48.6	40.0	28.4	32.8	46.3	33.8	30.0	42.0										
120	47.1	41.9	27.9	34.0	49.0	36.4	34.0	44.0										
125	46.0	44.1	28.0	35.0	51.1	39.3	38.5	45.7										
130	45.3	45.6	29.2	36.1	53.5	42.5	41.6	47.0										
135	46.2	45.1	30.8	35.7	56.0	46.2	43.9	48.4										
140	48.0	46.7	32.9	35.7	57.7	49.6	45.5	48.6										
145	49.9	47.5	35.4	36.7	58.4	52.2	47.2	49.0										
150	52.0	48.1	38.1	38.5	58.5	54.1	49.2	49.4										
155	52.9	49.3	40.4	40.0	58.2	54.9	51.5	49.3										
160	53.6	50.9	42.6	41.0	57.9	55.2	52.7	48.7										
165	54.3	51.9	44.7	42.1	57.6	55.2	52.8	48.5										
170	54.9	52.4	46.2	43.6	57.1	54.5	52.3	47.8										
175	55.5	52.9	47.8	44.8	56.8	53.9	51.0	46.8										
180	55.9	53.7	49.5	46.0	56.5	53.3	49.9	45.8										

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks: