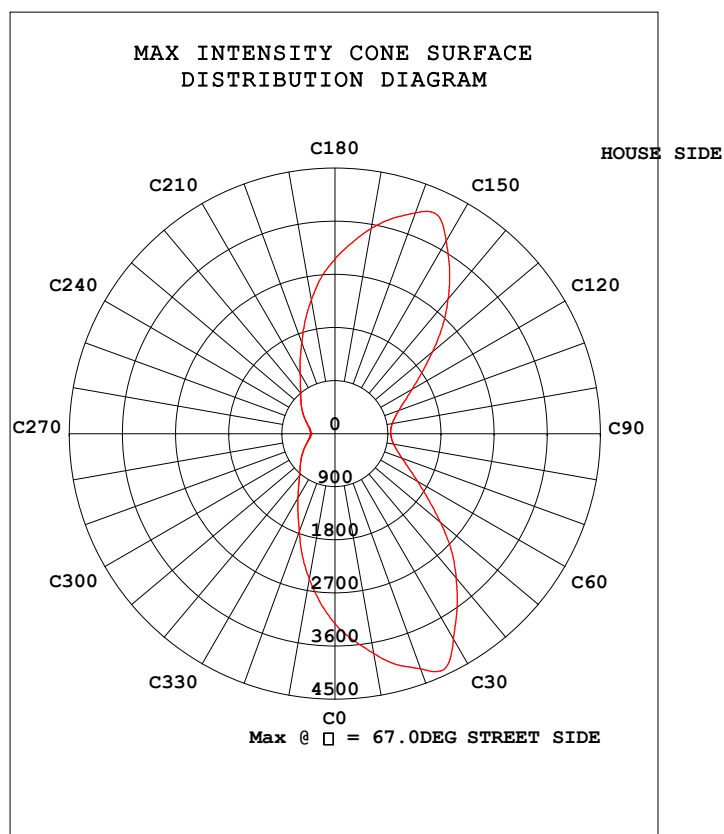
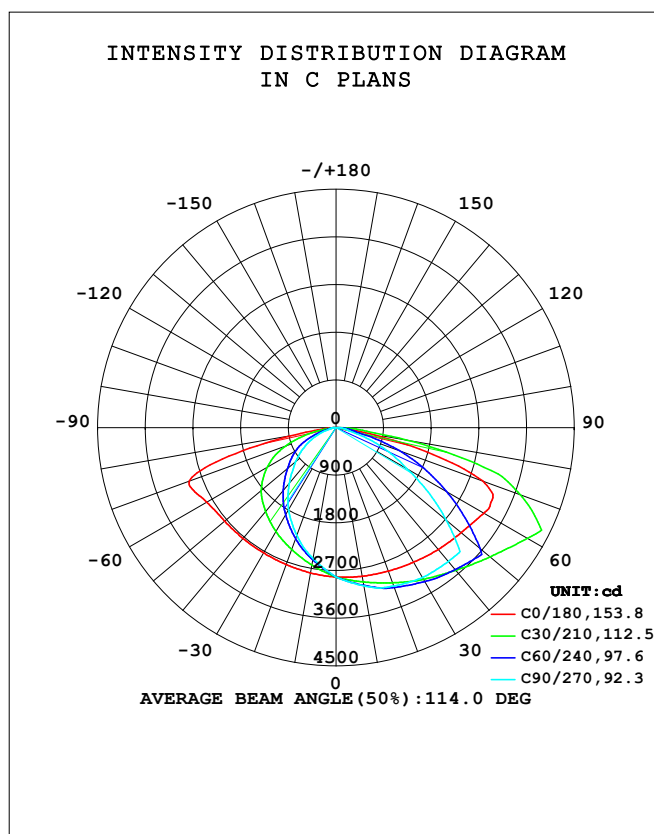


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.0V I:0.6645A P:80.31W PF:0.9989 Lamp Flux:11300.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.72 lm/W			
MODEL		Imax(cd)	4400	□ street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	□ street_down(%)	52.0
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	11301	□ house_up(%)	0.0
NOMINAL FLUX(lm)	11300.7	MAXIMUM @ (C,□)	25,67.0	□ house_down(%)	48.0
LAMPS INSIDE	1	□ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	□ down(%)	100.0	SLI	20.642

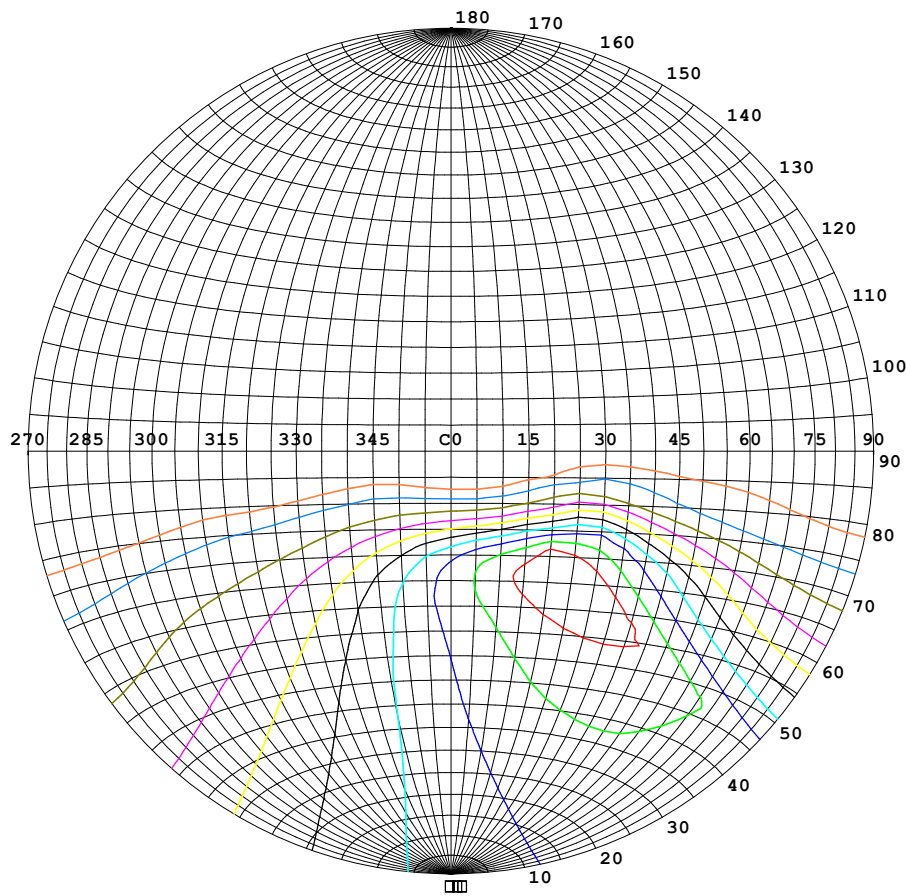


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

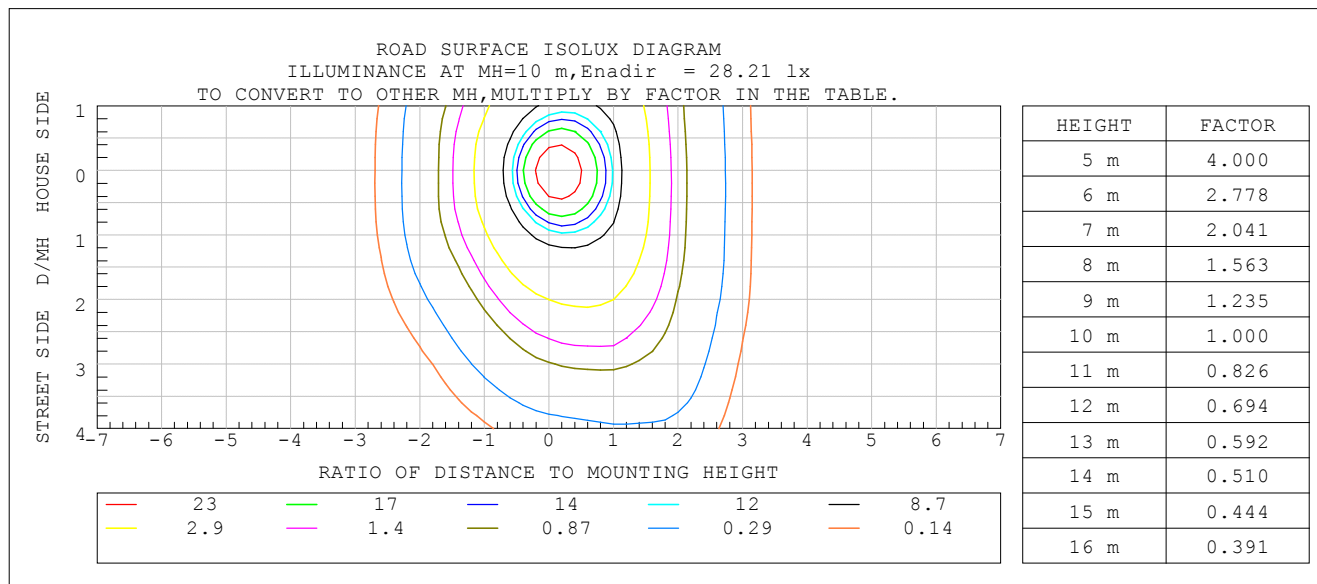
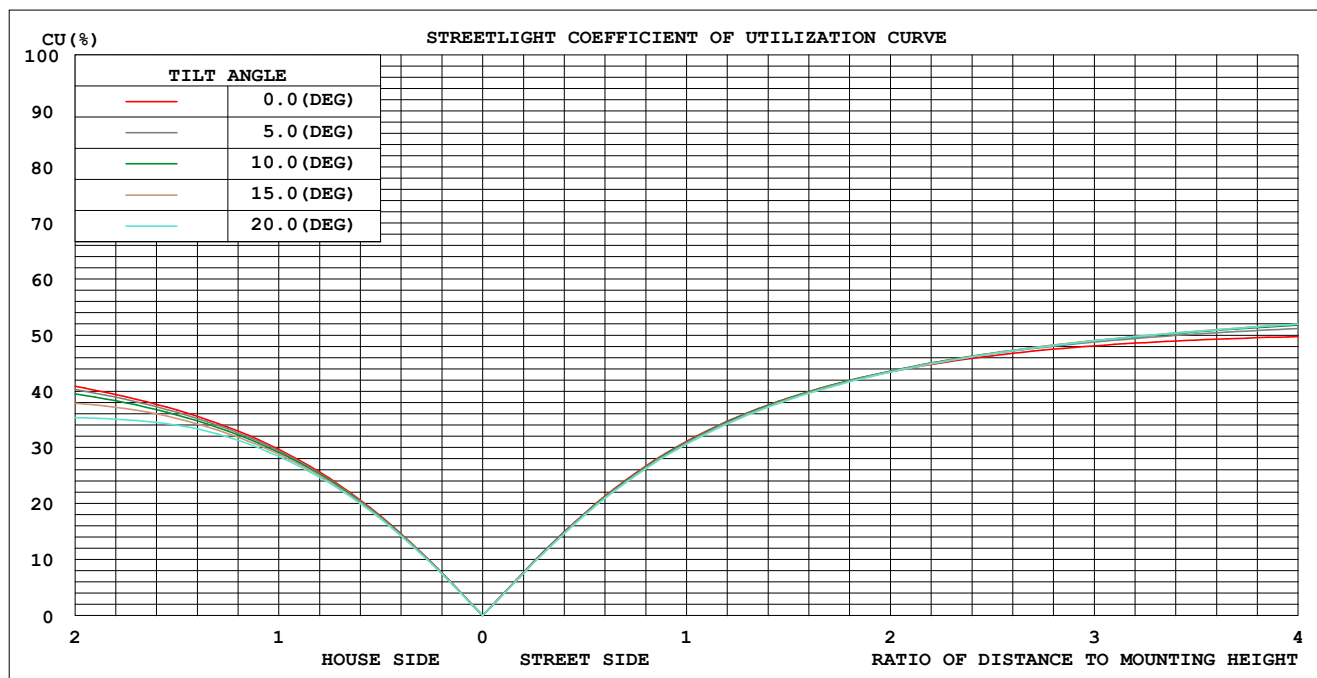
STREETLIGHT ISOCANDELA DIAGRAM



Classification:
IES:Type IV - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:179.0cd/klm
Max.At90:1.511cd/klm
Max.80-90:179.0cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4400
90%	3960
80%	3520
70%	3080
60%	2640
50%	2200
40%	1760
30%	1320
20%	880
10%	440
5%	220

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

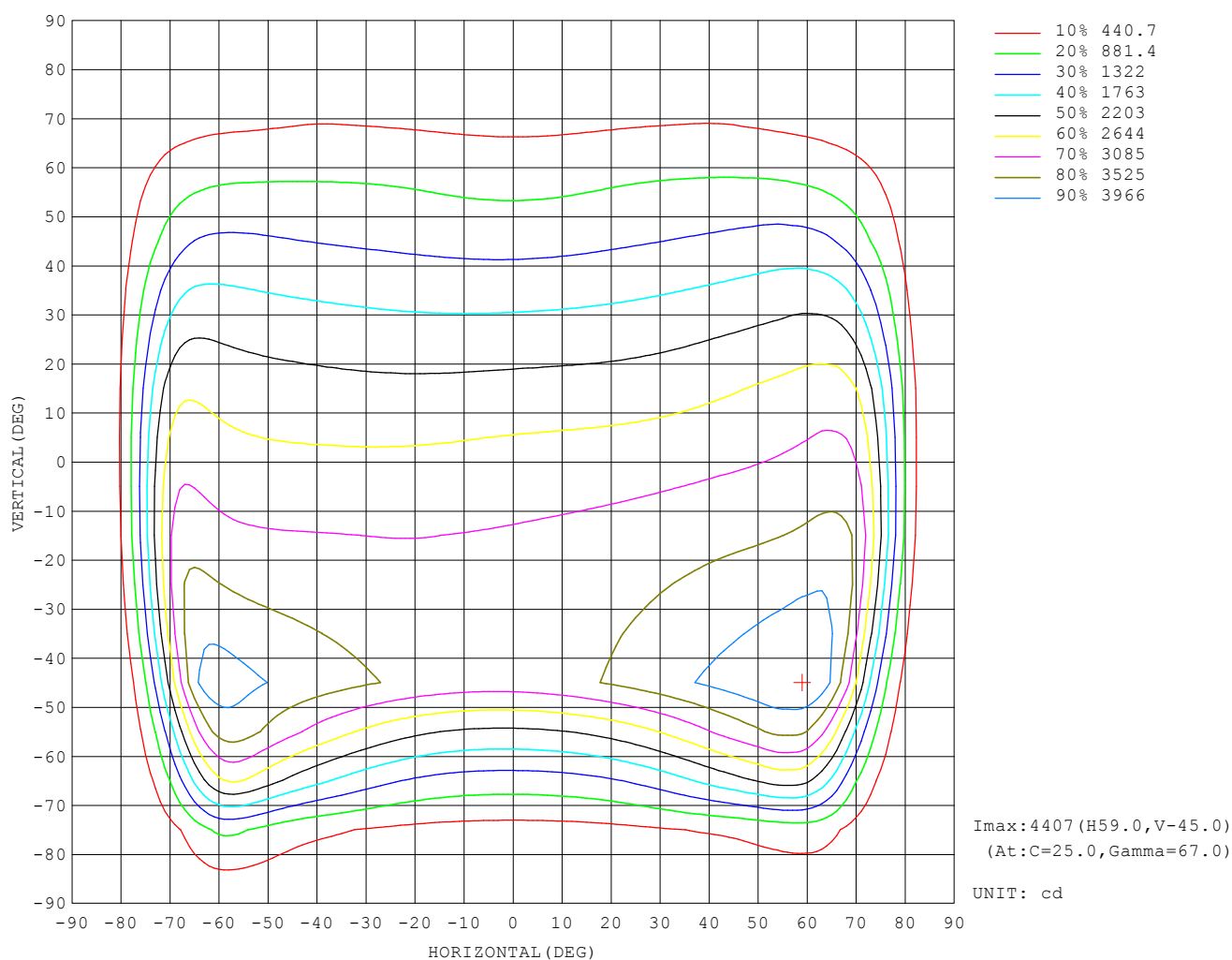
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	2834	2908	2927	2883	2804	2699	2665	2720	0- 5	67.18	67.18	0.59,0.59
10	2850	2998	3032	2946	2786	2577	2510	2618	5- 10	200.0	267.2	2.36,2.36
15	2865	3093	3138	3010	2767	2454	2354	2512	10- 15	329.7	596.9	5.28,5.28
20	2884	3196	3183	3078	2752	2331	2168	2405	15- 20	454.6	1052	9.3,9.3
25	2906	3274	3227	3119	2741	2196	1982	2279	20- 25	572.2	1624	14.4,14.4
30	2934	3359	3271	3166	2731	2058	1796	2152	25- 30	682.8	2307	20.4,20.4
35	2967	3461	3285	3230	2732	1922	1586	2023	30- 35	785.7	3092	27.4,27.4
40	3005	3574	3299	3309	2735	1783	1376	1887	35- 40	879.7	3972	35.1,35.1
45	3043	3687	3313	3402	2739	1622	1167	1723	40- 45	965.0	4937	43.7,43.7
50	3087	3819	2719	3518	2748	1452	994.3	1546	45- 50	1030	5967	52.8,52.8
55	3146	3933	2124	3620	2769	1271	821.9	1352	50- 55	1051	7017	62.1,62.1
60	3227	3453	1530	3176	2818	1097	649.5	1158	55- 60	1037	8054	71.3,71.3
65	3248	2981	1113	2746	2919	903.4	482.3	936.8	60- 65	994.9	9049	80.1,80.1
70	2947	2331	696.1	2178	2945	678.4	315.1	688.2	65- 70	914.3	9963	88.2,88.2
75	1770	1386	279.1	1339	2096	423.1	147.9	420.2	70- 75	725.1	10688	94.6,94.6
80	570.3	470.2	187.6	512.4	775.2	180.3	100.2	166.5	75- 80	409.5	11098	98.2,98.2
85	73.30	243.6	96.09	266.9	134.0	95.13	52.49	86.33	80- 85	160.0	11258	99.6,99.6
90	11.41	8.141	4.597	7.743	10.88	12.69	4.792	10.07	85- 90	42.77	11301	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

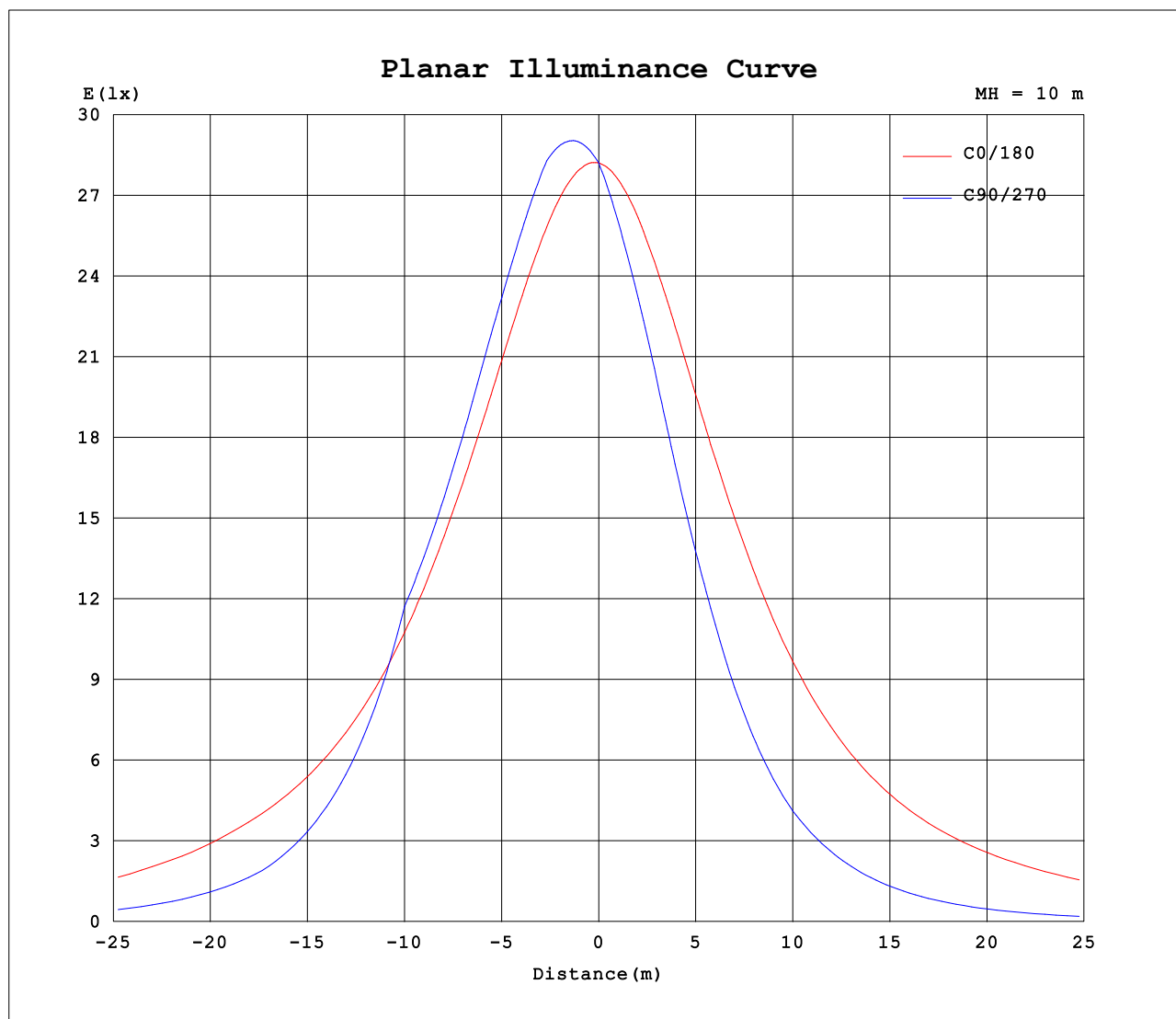
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



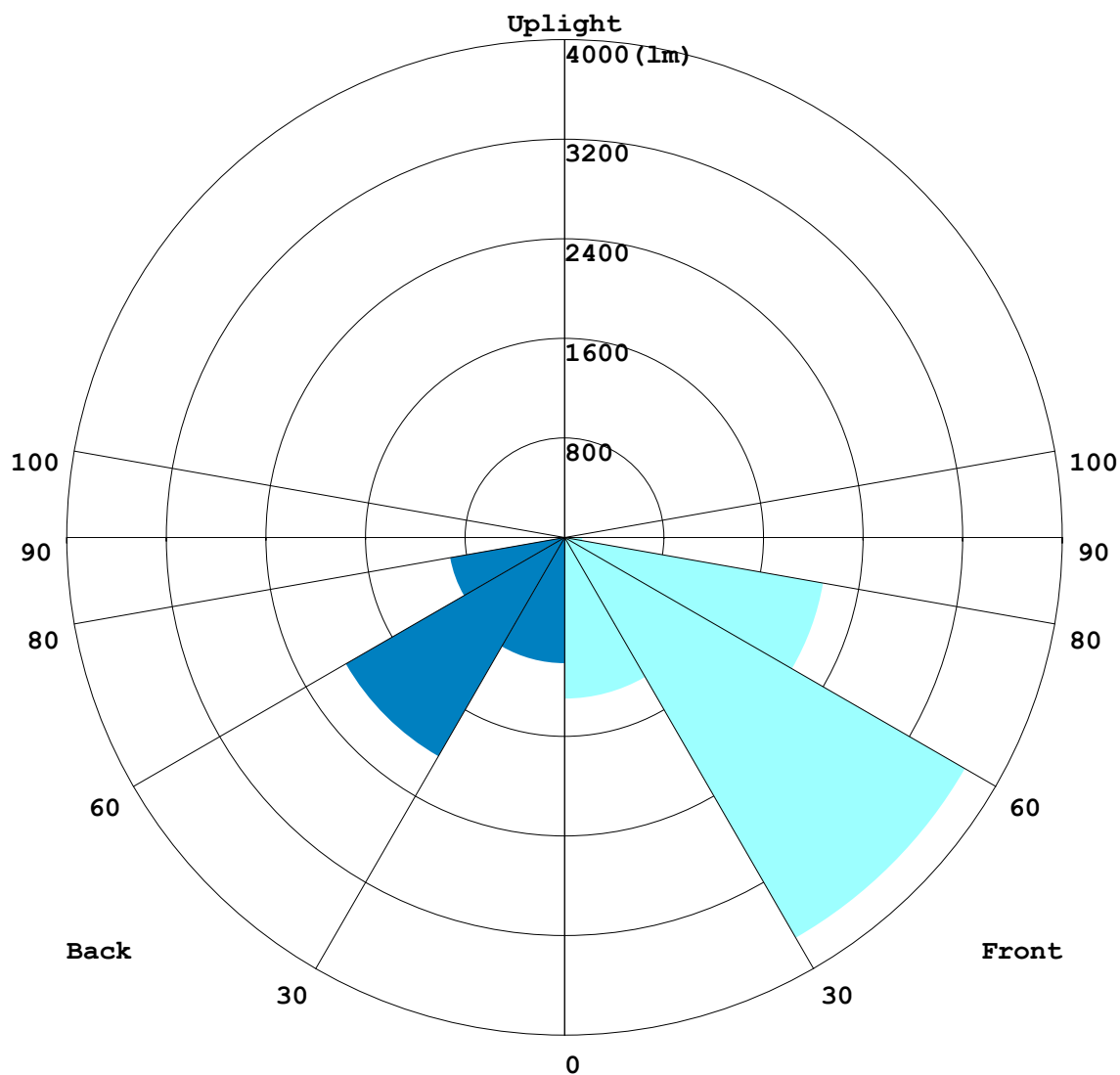
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

LCS REPORT

Test:U:121.0V I:0.6645A P:80.31W PF:0.9989 Lamp Flux:11300.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

BUG REPORT

Test:U:121.0V I:0.6645A P:80.31W PF:0.9989 Lamp Flux:11300.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1294.8	11.5
FM - Front-Medium(30-60)	3716.4	32.9
FH - Front-High(60-80)	2111.5	18.7
FVH - Front-Very High(80-90)	144.18	1.3
Total Forward Light	7266.9	64.3

BL - Back-Low(0-30)	1011.7	9.0
BM - Back-Medium(30-60)	2031.2	18.0
BH - Back-High(60-80)	932.29	8.2
BVH - Back-Very High(80-90)	58.614	0.5
Total Back Light	4033.8	35.7

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4033.8	0	4033.8
Street Side	7266.9	0	7266.9

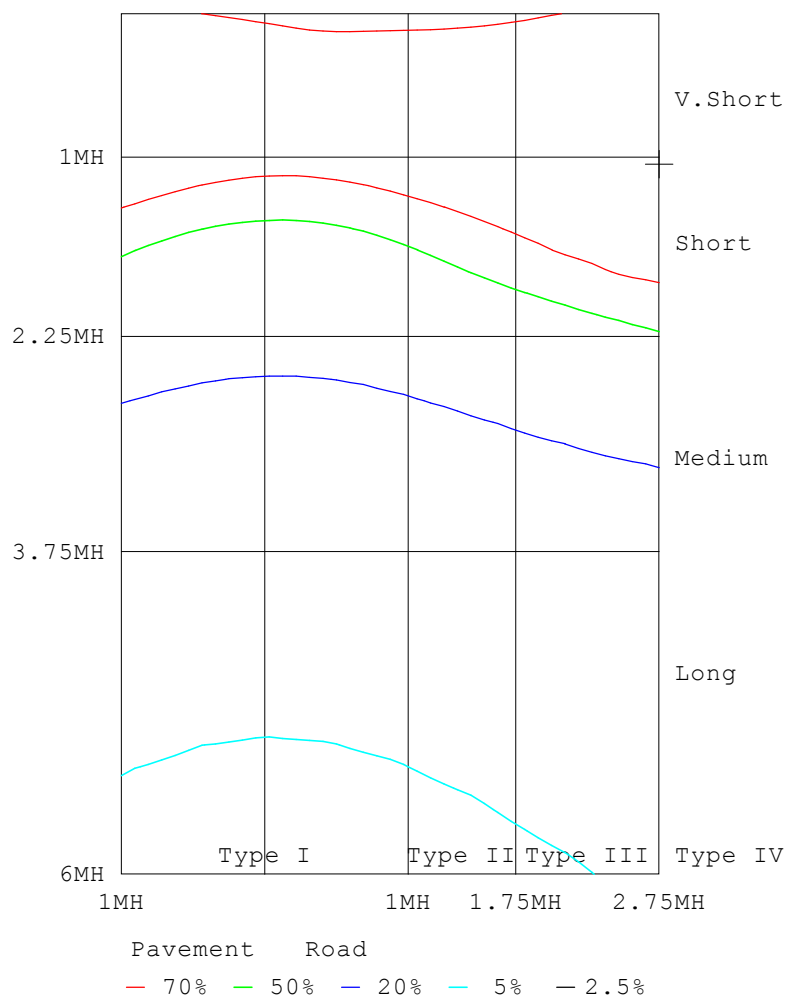
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.0V I:0.6645A P:80.31W PF:0.9989 Lamp Flux:11300.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks: