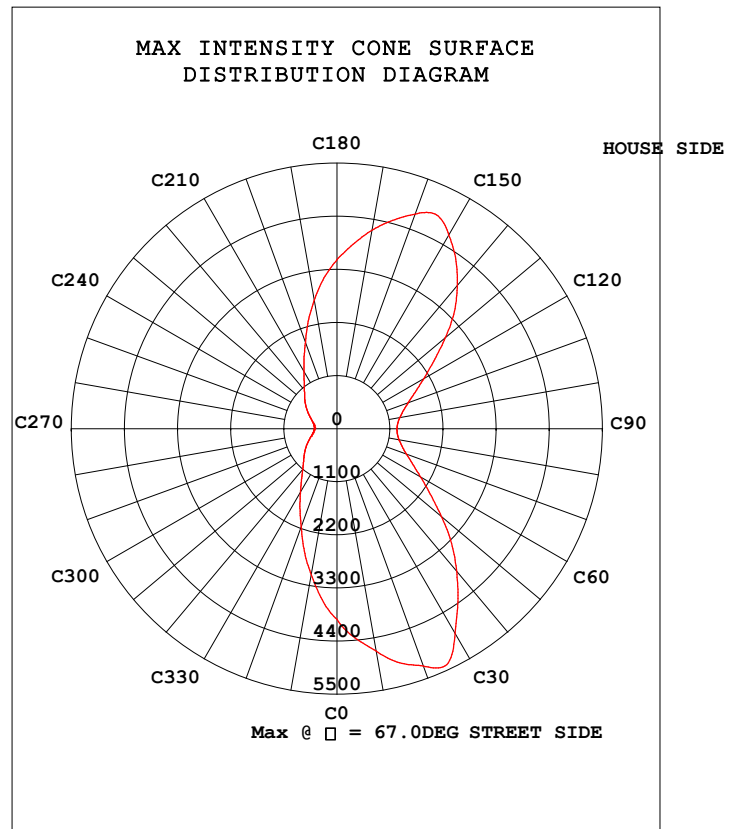
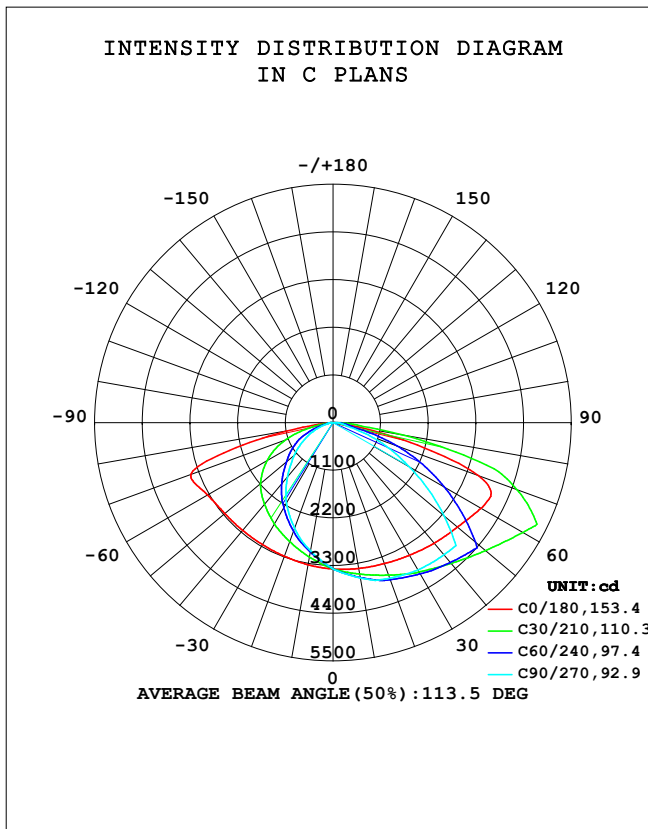


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.0V I:0.8427A P:101.9W PF:0.9992 Lamp Flux:13645.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.95 lm/W			
MODEL		Imax(cd)	5393	□ street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	□ street_down(%)	52.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	13645	□ house_up(%)	0.0
NOMINAL FLUX(lm)	13645.5	MAXIMUM @ (C,□)	25,67.0	□ house_down(%)	47.9
LAMPS INSIDE	1	□ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	□ down(%)	100.0	SLI	20.673

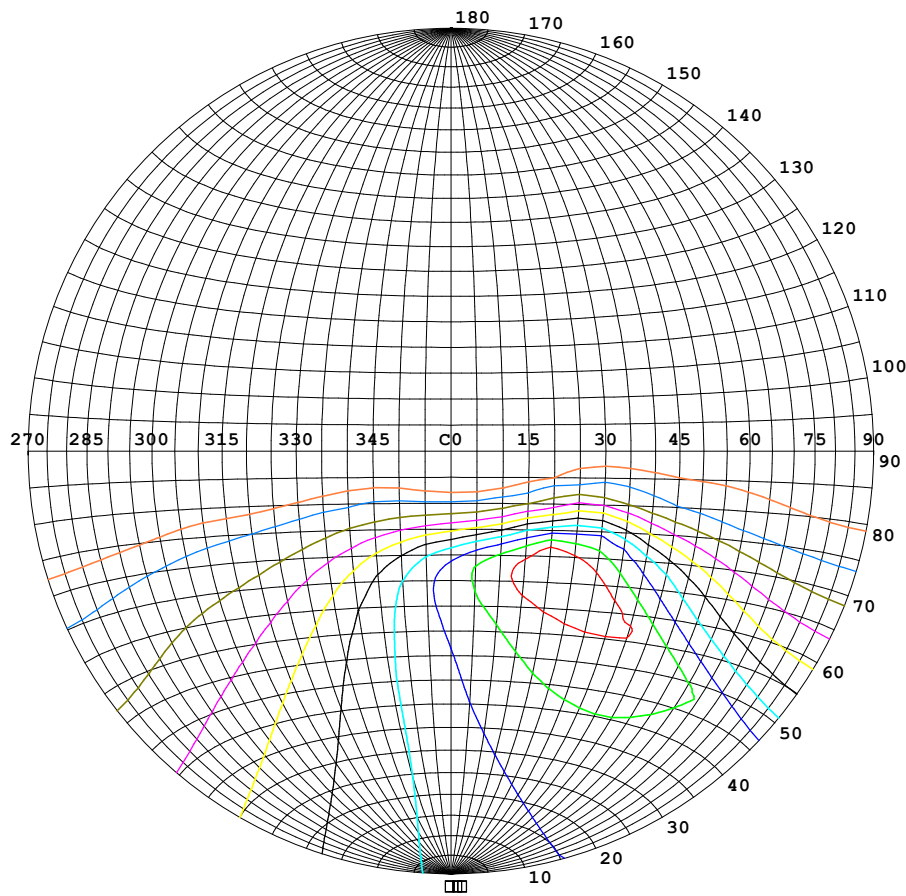


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

□ 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

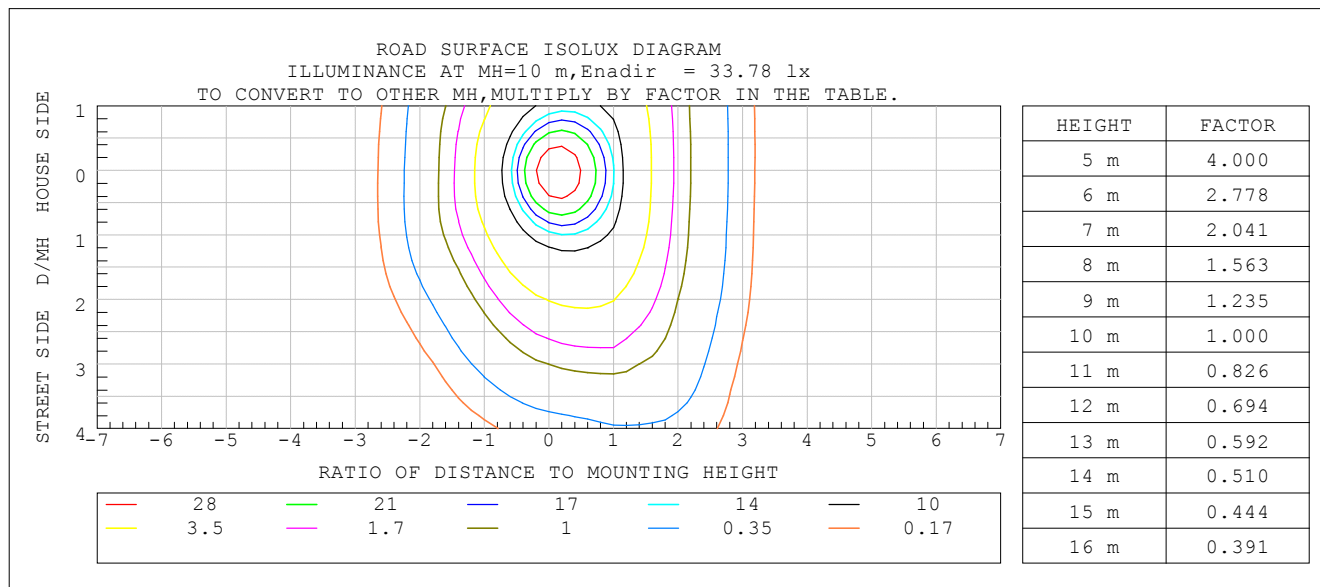
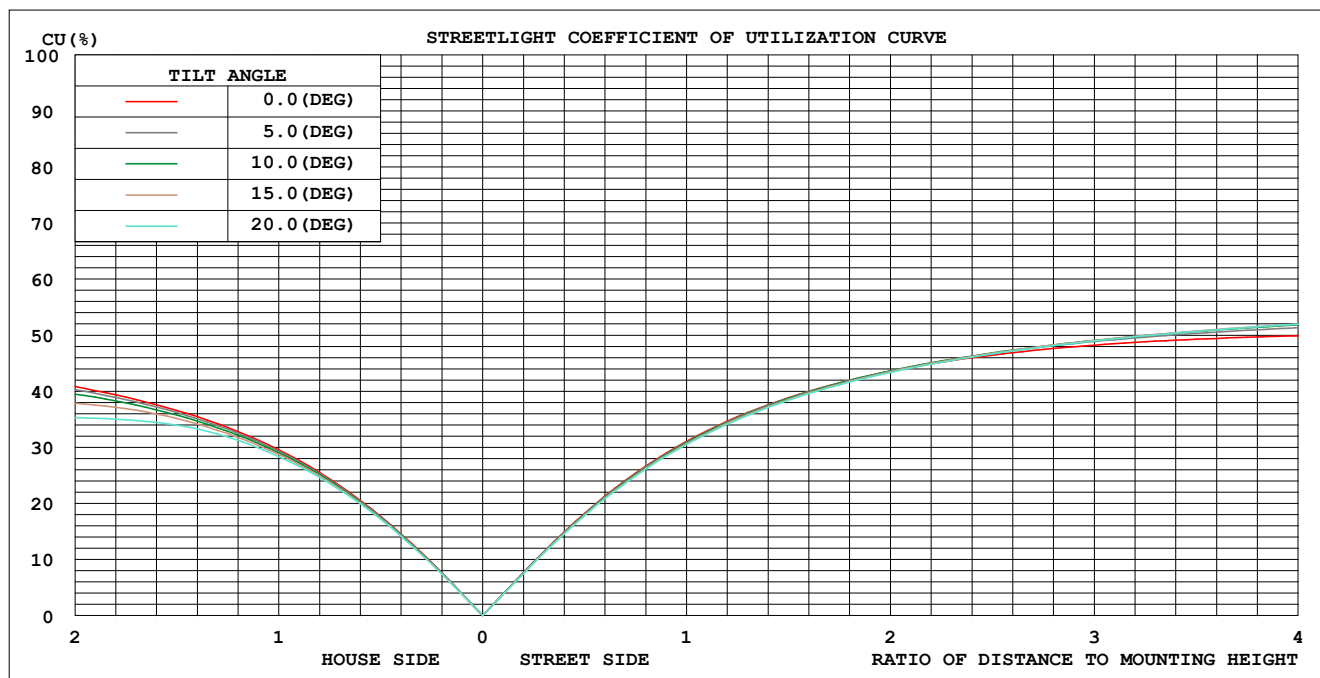
STREETLIGHT ISOCANDELA DIAGRAM



Classification:
IES:Type IV - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:180.6cd/klm
Max.At90:1.342cd/klm
Max.80-90:180.6cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5393
90%	4854
80%	4314
70%	3775
60%	3236
50%	2696
40%	2157
30%	1618
20%	1079
10%	539
5%	270

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:

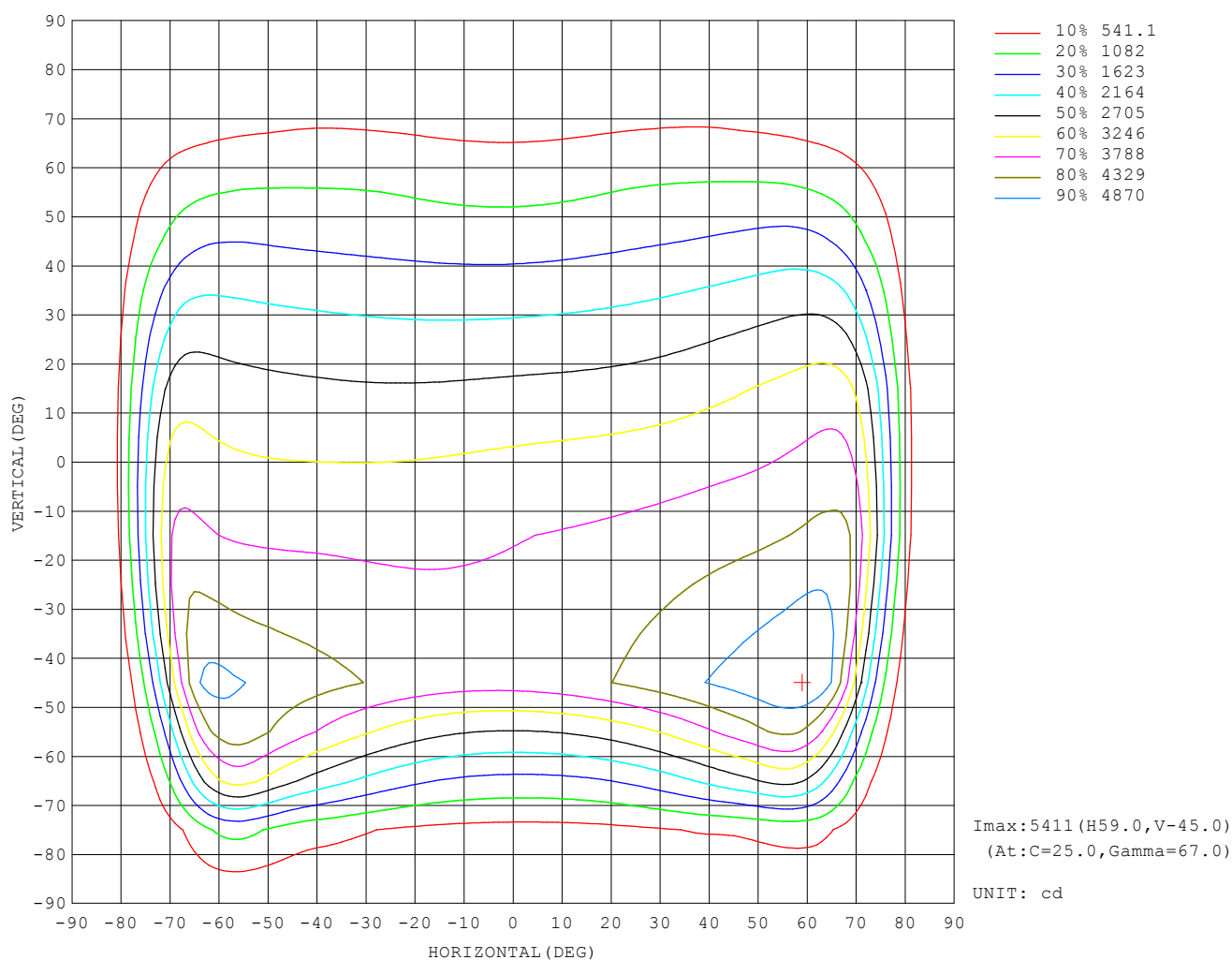
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	zone	total	%lum, lamp
5	3399	3486	3509	3454	3355	3231	3192	3260	0- 5	80.48	80.48	0.59,0.59
10	3418	3597	3639	3530	3331	3083	3005	3139	5- 10	239.6	320.1	2.35,2.35
15	3439	3714	3769	3608	3305	2934	2818	3015	10- 15	395.2	715.3	5.24,5.24
20	3464	3839	3821	3691	3283	2786	2597	2889	15- 20	545.1	1260	9.24,9.24
25	3495	3934	3874	3738	3266	2620	2375	2745	20- 25	686.2	1946	14.3,14.3
30	3533	4039	3926	3793	3254	2454	2154	2596	25- 30	818.9	2765	20.3,20.3
35	3580	4162	3955	3868	3249	2290	1898	2447	30- 35	942.8	3708	27.2,27.2
40	3634	4302	3983	3964	3249	2120	1642	2287	35- 40	1056	4764	34.9,34.9
45	3687	4444	4012	4089	3253	1923	1386	2087	40- 45	1160	5924	43.4,43.4
50	3751	4608	3345	4240	3264	1714	1169	1866	45- 50	1239	7164	52.5,52.5
55	3840	4751	2679	4385	3290	1491	952.6	1624	50- 55	1269	8433	61.8,61.8
60	3953	4172	2012	3971	3345	1283	735.8	1383	55- 60	1259	9691	71,71
65	4018	3592	1464	3587	3454	1051	546.3	1107	60- 65	1215	10907	79.9,79.9
70	3554	2811	916.4	2936	3492	783.1	356.8	796.1	65- 70	1120	12027	88.1,88.1
75	2022	1665	368.3	1817	2482	480.0	167.3	470.5	70- 75	885.7	12913	94.6,94.6
80	588.5	550.2	247.7	721.6	951.5	193.8	113.7	166.5	75- 80	494.3	13407	98.3,98.3
85	59.00	284.4	127.0	376.0	131.1	102.8	60.18	87.66	80- 85	189.1	13596	99.6,99.6
90	13.67	9.598	6.401	9.291	13.49	14.54	6.622	13.23	85- 90	49.62	13645	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:

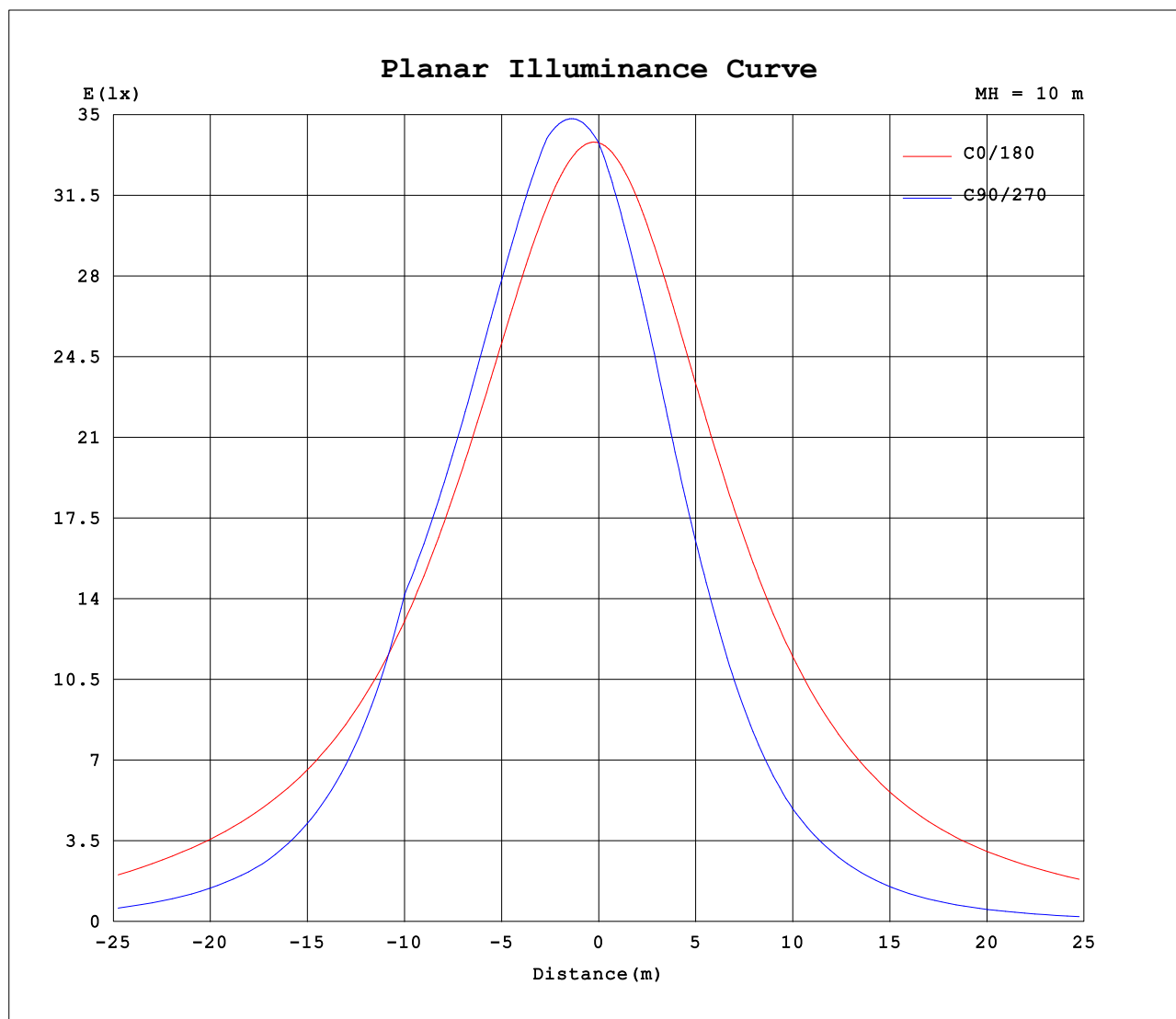
ISOCANDELA DIAGRAM



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



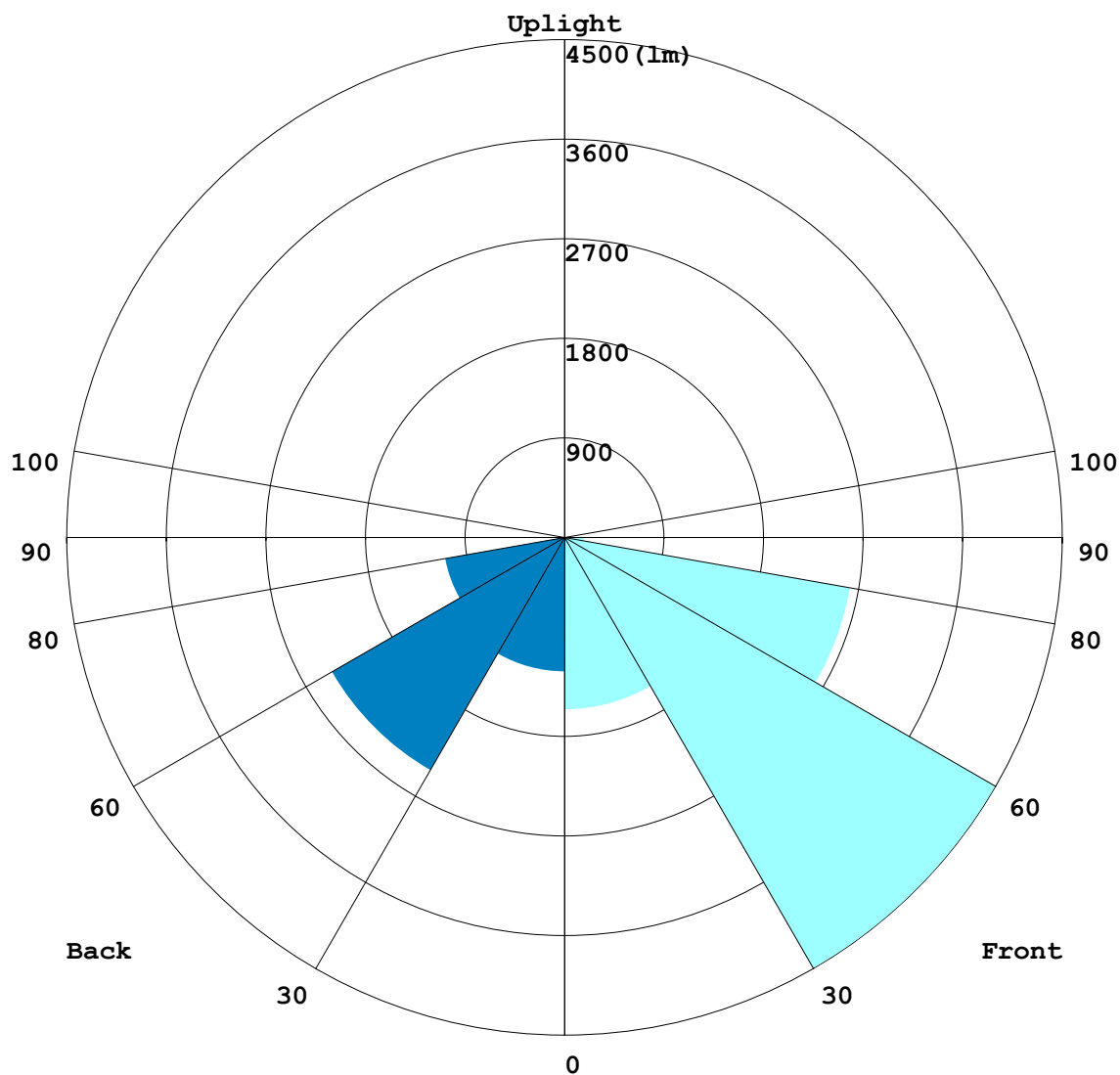
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ 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:0.8427A P:101.9W PF:0.9992 Lamp Flux:13645.5x1 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:0.8427A P:101.9W PF:0.9992 Lamp Flux:13645.5x1 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)	1553.3	11.4
FM - Front-Medium(30-60)	4497.3	33.0
FH - Front-High(60-80)	2621.2	19.2
FVH - Front-Very High(80-90)	176.03	1.3
Total Forward Light	8847.8	64.8

BL - Back-Low(0-30)	1212.1	8.9
BM - Back-Medium(30-60)	2428.8	17.8
BH - Back-High(60-80)	1094.1	8.0
BVH - Back-Very High(80-90)	62.65	0.5
Total Back Light	4797.6	35.2

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4797.6	0	4797.6
Street Side	8847.8	0	8847.8

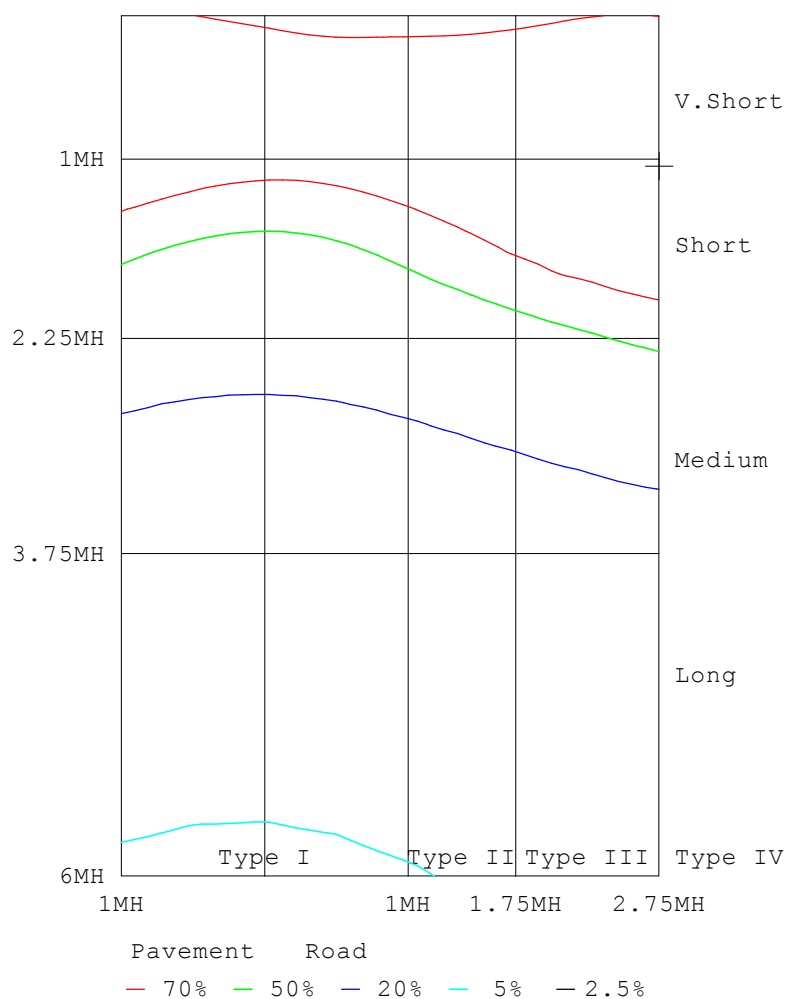
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

☐ 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:0.8427A P:101.9W PF:0.9992 Lamp Flux:13645.5x1 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

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

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

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: