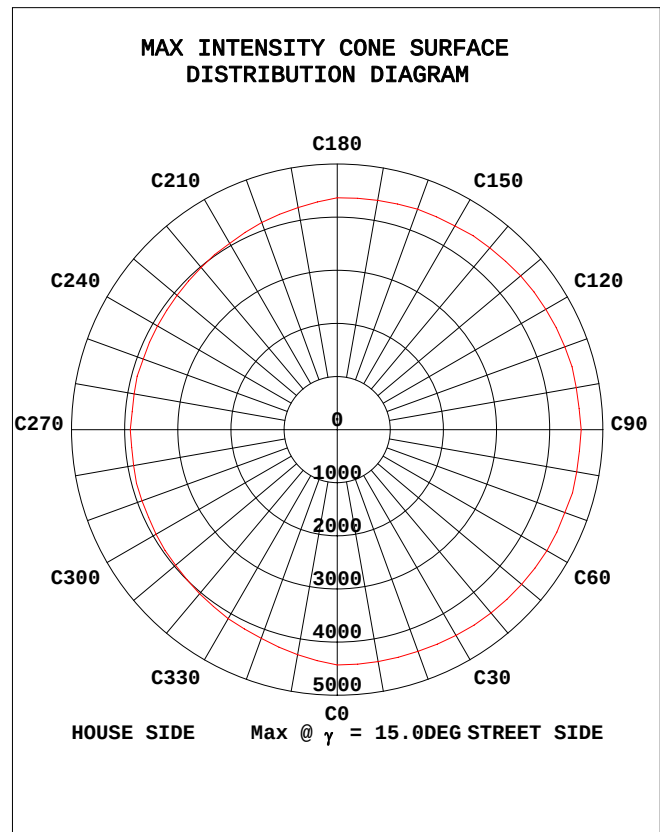
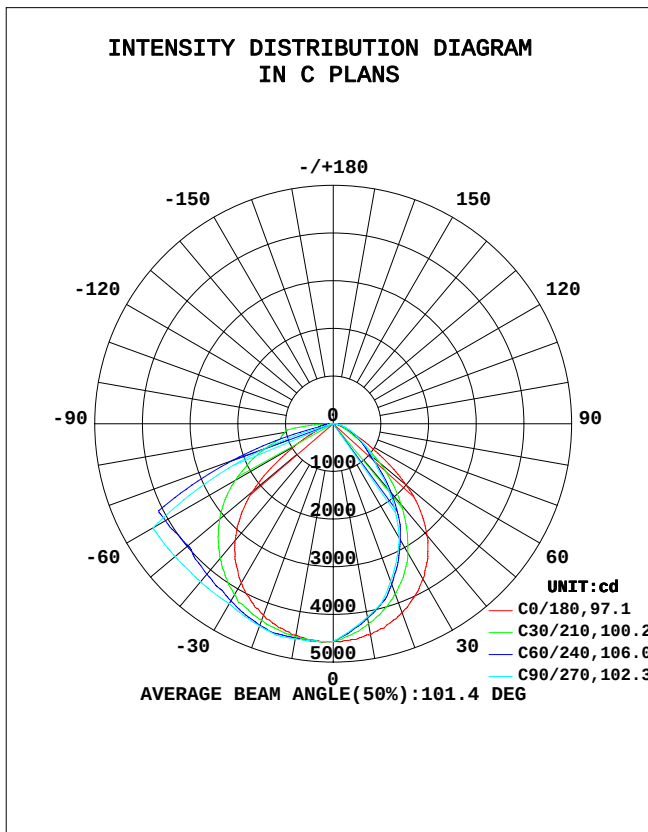


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.3V I:0.7139A P:85.95W PF:0.9929 Lamp Flux:11593.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.89 lm/W			
MODEL		I _{max} (cd)	4591	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	67.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	11594	η house_up(%)	0.0
NOMINAL FLUX(lm)	11593.8	MAXIMUM @(C,γ)	90,15.0	η house_down(%)	32.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	17.489



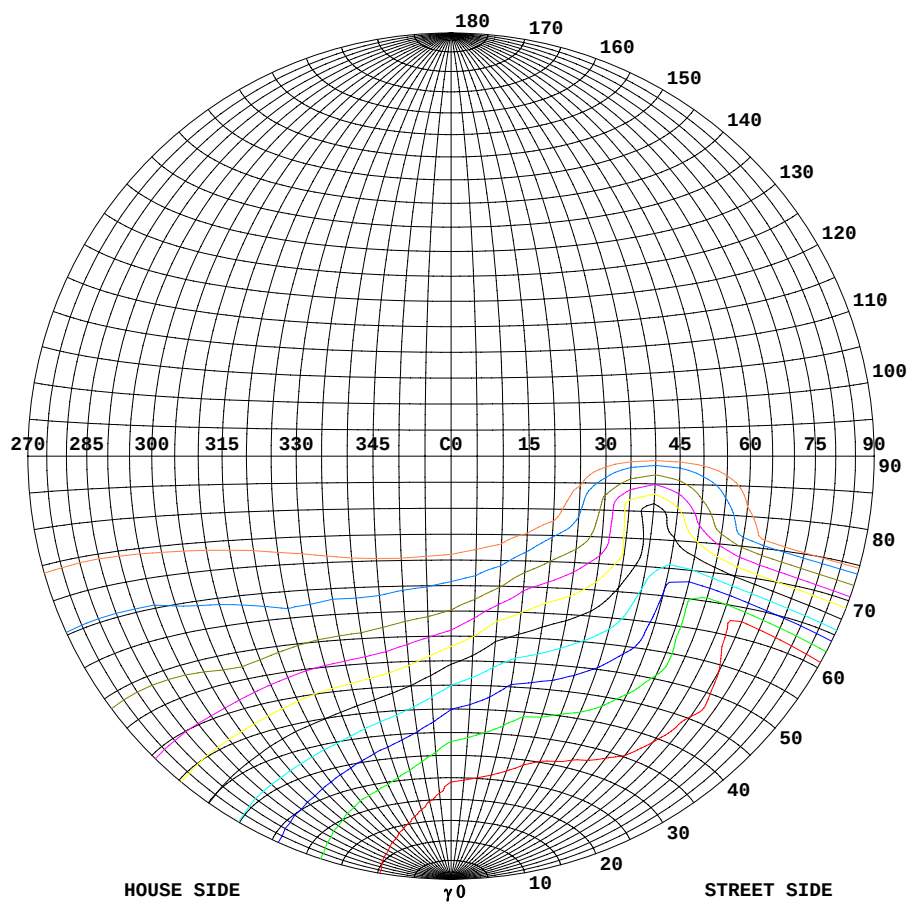
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type IV - Very Short

CIE:Broad - Short

IES:None cut-off

CIE:Non-cut-off

Max.At80:223.9cd/klm

Max.At90:0.9043cd/klm

Max.80-90:223.9cd/klm

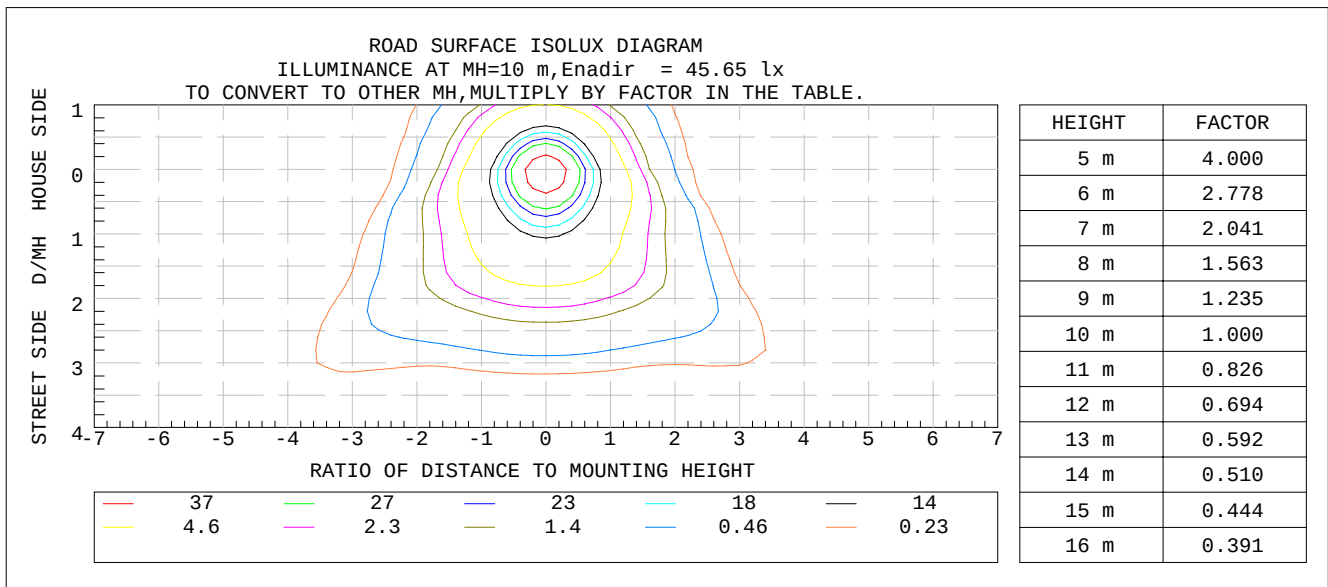
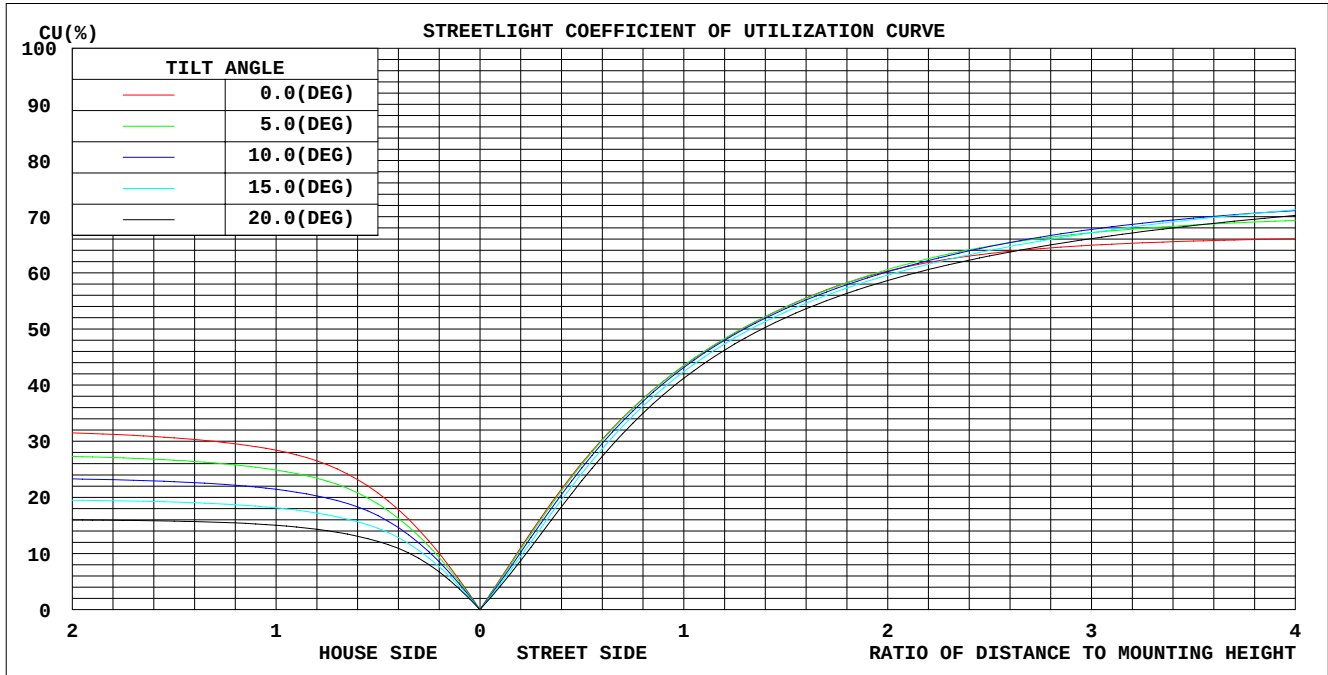
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4591
90%	4132
80%	3673
70%	3214
60%	2755
50%	2296
40%	1837
30%	1377
20%	918
10%	459
5%	230

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

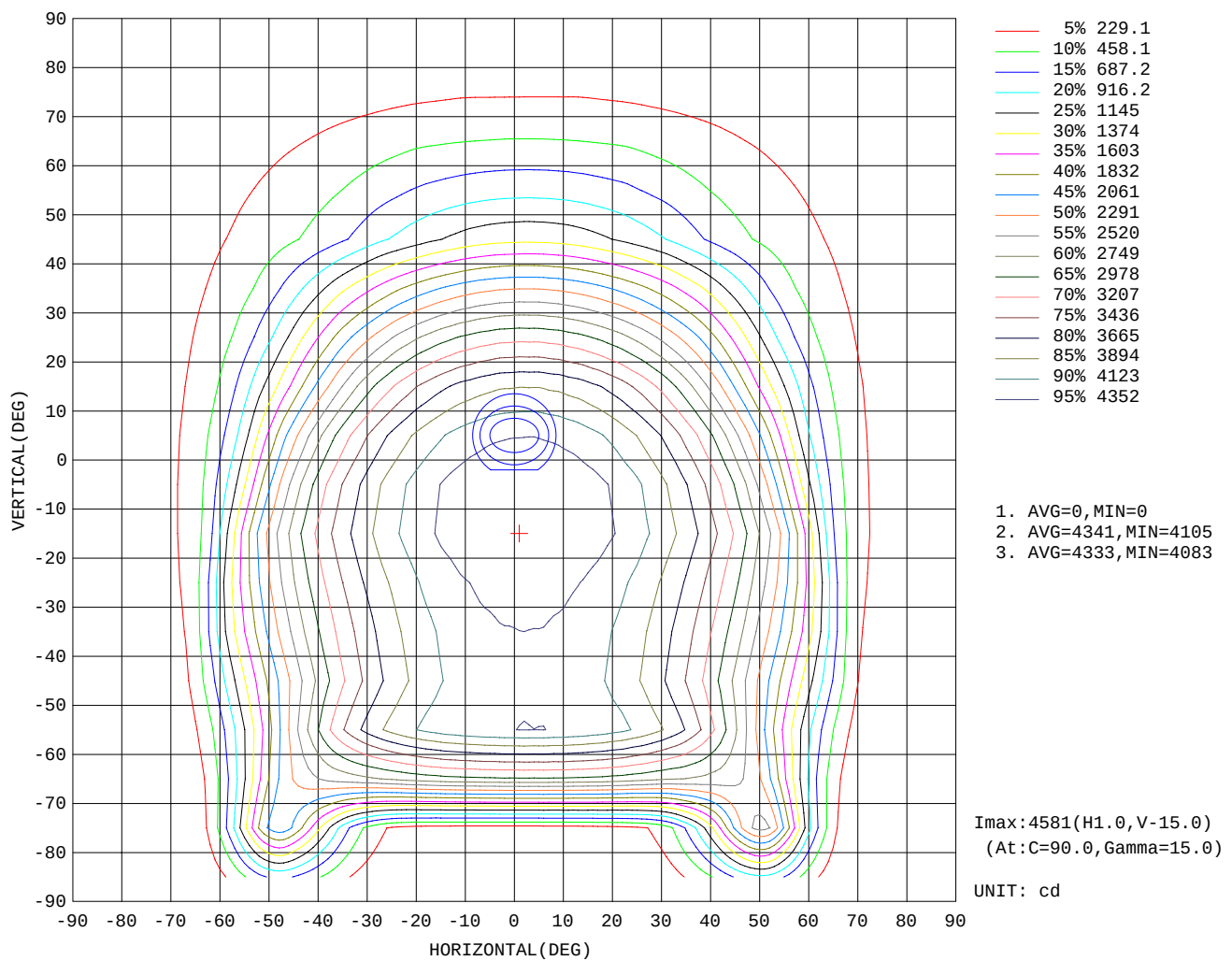
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	4560	4574	4574	4558	4541	4393	4342	4410	0- 5	108.1	108.1	0.93, 0.93
10	4500	4556	4583	4529	4495	4188	4119	4219	5- 10	317.4	425.5	3.67, 3.67
15	4429	4518	4591	4484	4366	3957	3896	4000	10- 15	513.2	938.7	8.1, 8.1
20	4269	4476	4514	4428	4218	3699	3522	3753	15- 20	688.6	1627	14, 14
25	4092	4353	4437	4297	4013	3330	3147	3406	20- 25	833.9	2461	21.2, 21.2
30	3854	4209	4360	4150	3759	2934	2772	3017	25- 30	946.5	3408	29.4, 29.4
35	3563	4053	4345	3993	3459	2510	2286	2602	30- 35	1023	4430	38.2, 38.2
40	3209	3874	4329	3798	3056	2059	1799	2160	35- 40	1059	5489	47.3, 47.3
45	2750	3725	4314	3627	2583	1570	1313	1678	40- 45	1055	6544	56.4, 56.4
50	2209	3539	4331	3432	1988	1101	1076	1197	45- 50	1017	7561	65.2, 65.2
55	1539	3340	4348	3224	1314	667.8	839.8	743.8	50- 55	962.0	8523	73.5, 73.5
60	934.0	3296	4365	3177	771.2	509.4	603.4	563.7	55- 60	898.1	9421	81.3, 81.3
65	510.4	3226	2951	3118	407.7	376.9	469.4	409.9	60- 65	797.4	10218	88.1, 88.1
70	261.8	2851	1537	2718	217.9	270.7	335.4	291.2	65- 70	599.9	10818	93.3, 93.3
75	155.0	2336	122.6	2127	132.0	182.1	201.3	198.1	70- 75	370.0	11188	96.5, 96.5
80	87.71	1984	83.54	1698	70.88	105.1	137.3	115.6	75- 80	211.6	11400	98.3, 98.3
85	36.65	1048	44.51	892.9	24.88	56.69	73.23	61.84	80- 85	143.8	11544	99.6, 99.6
90	3.062	8.152	5.484	6.846	3.797	9.344	9.177	8.960	85- 90	50.25	11594	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: 25DEG
 Operators:
 Test Date: 2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

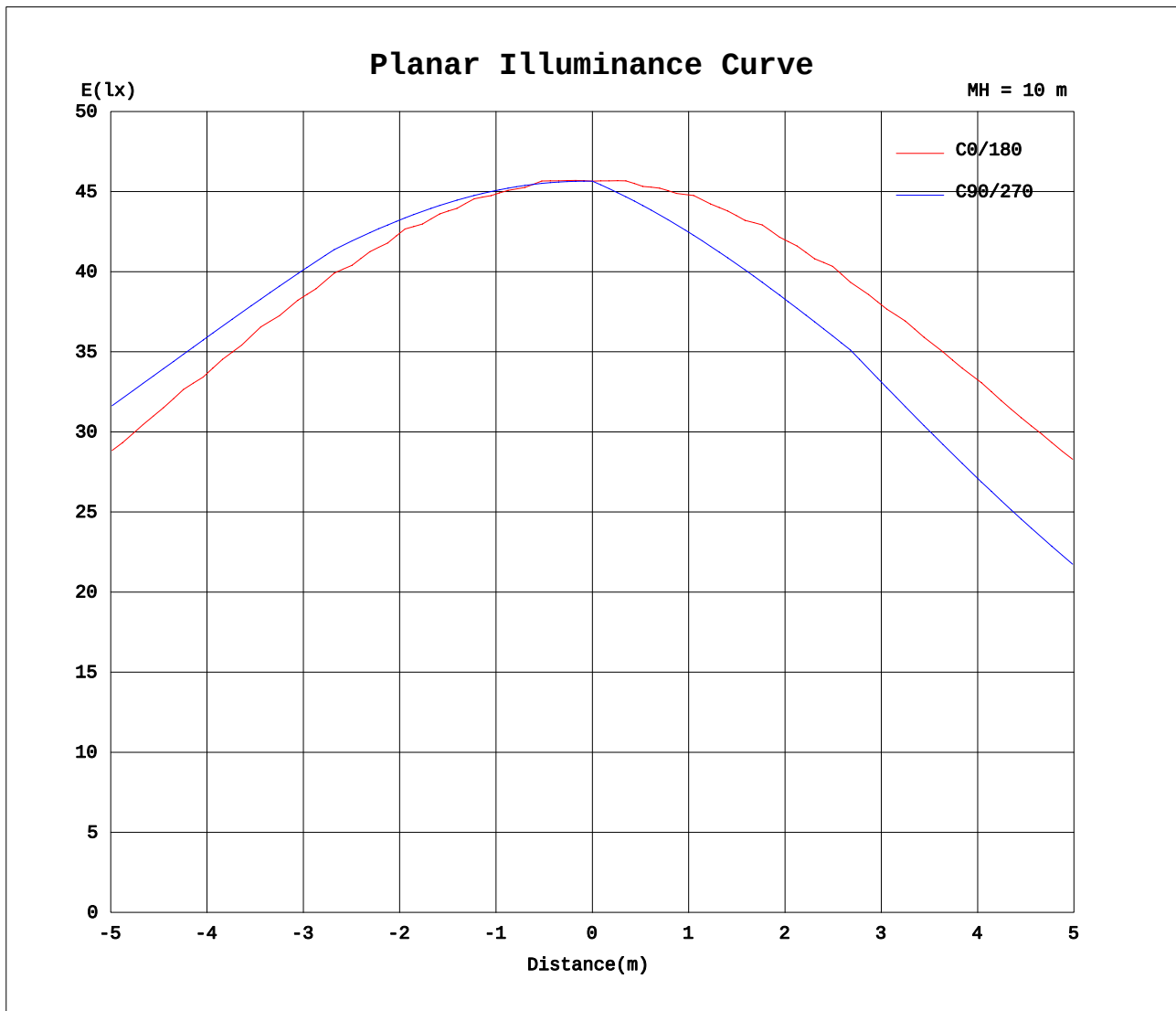


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

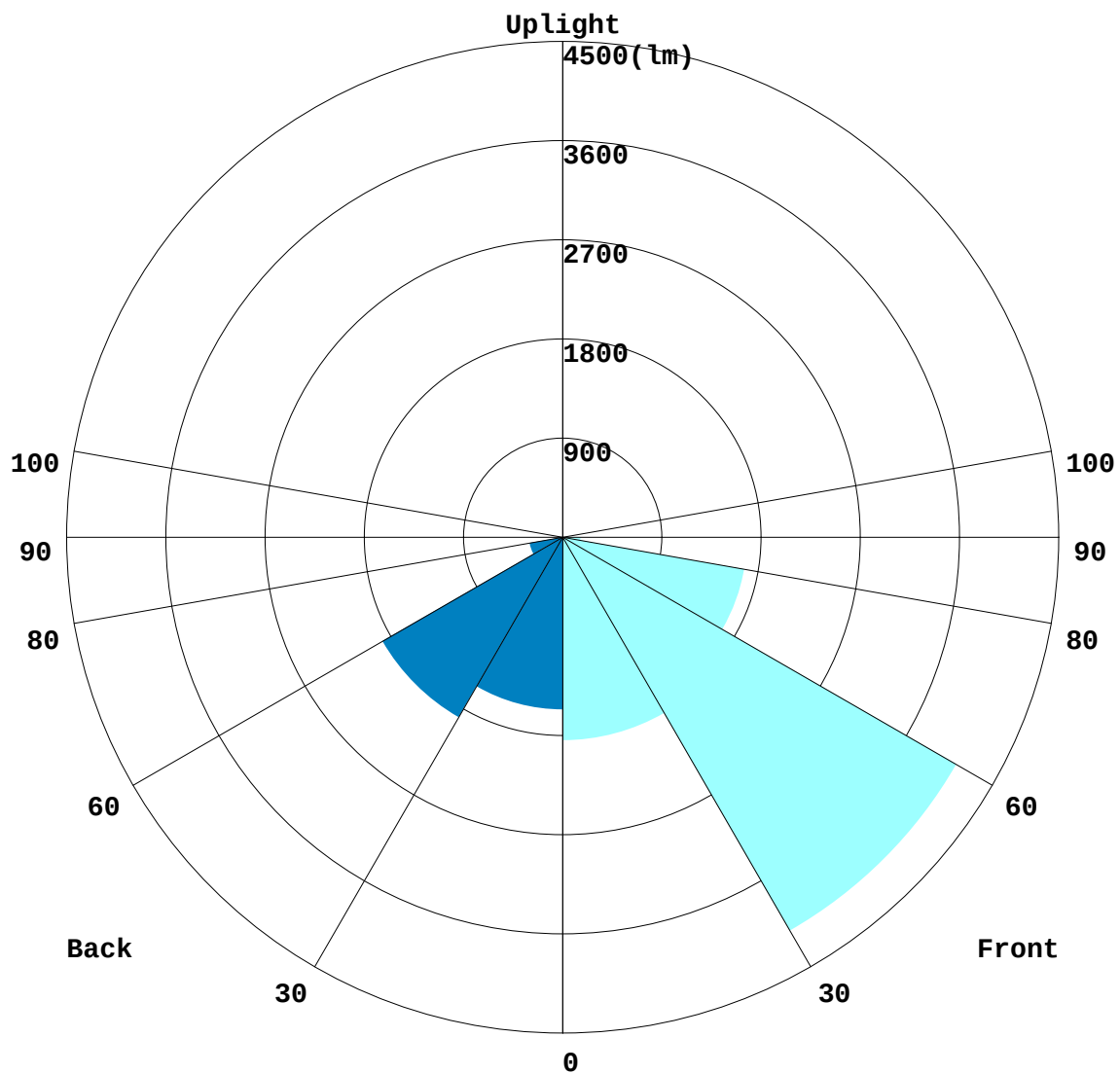
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:121.3V I:0.7139A P:85.95W PF:0.9929 Lamp Flux:11593.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:121.3V I:0.7139A P:85.95W PF:0.9929 Lamp Flux:11593.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1844.3	15.9
FM - Front-Medium(30-60)	4125.7	35.6
FH - Front-High(60-80)	1674.2	14.4
FVH - Front-Very High(80-90)	163.77	1.4
Total Forward Light	7808	67.3

BL - Back-Low(0-30)	1563.4	13.5
BM - Back-Medium(30-60)	1887.5	16.3
BH - Back-High(60-80)	304.62	2.6
BVH - Back-Very High(80-90)	30.253	0.3
Total Back Light	3785.8	32.7

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	3785.8	0	3785.8
Street Side	7808	0	7808

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2020-11-05

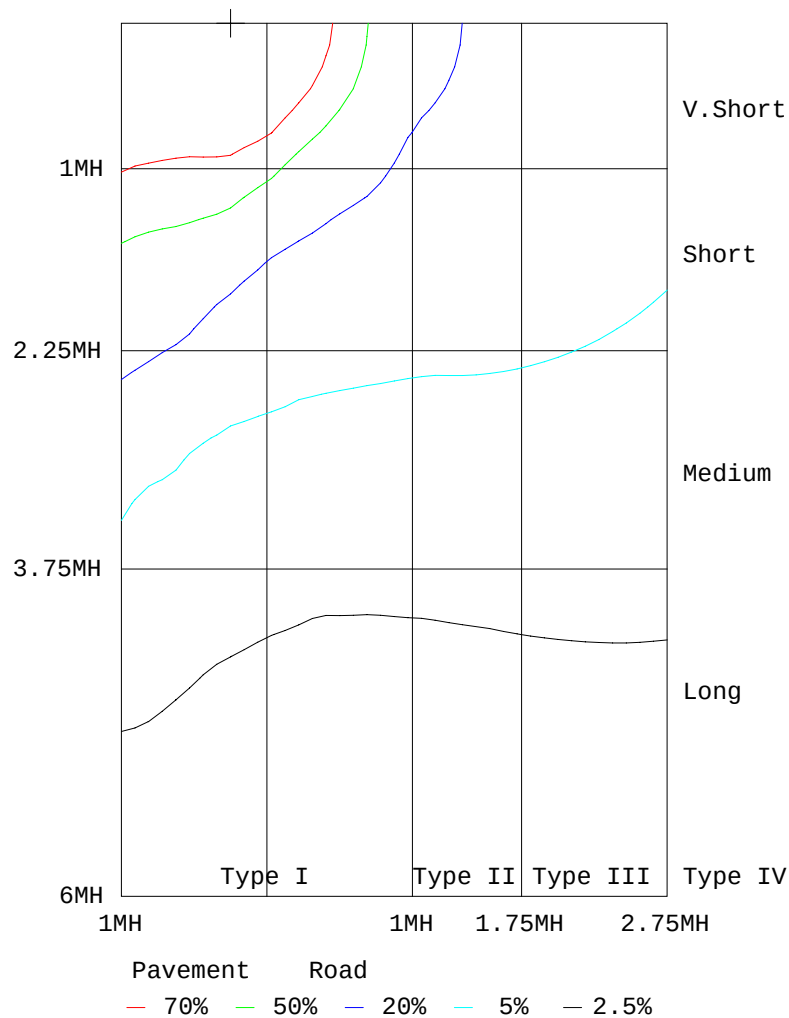
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:121.3V I:0.7139A P:85.95W PF:0.9929 Lamp Flux:11593.8x1 lm		
NAME:		
SPEC.:		
MFR.:		

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

