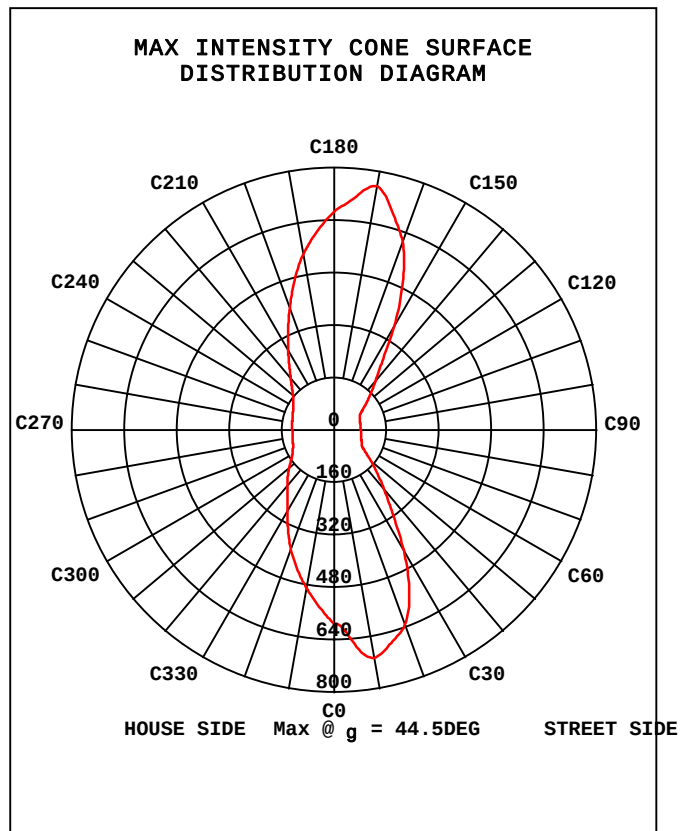
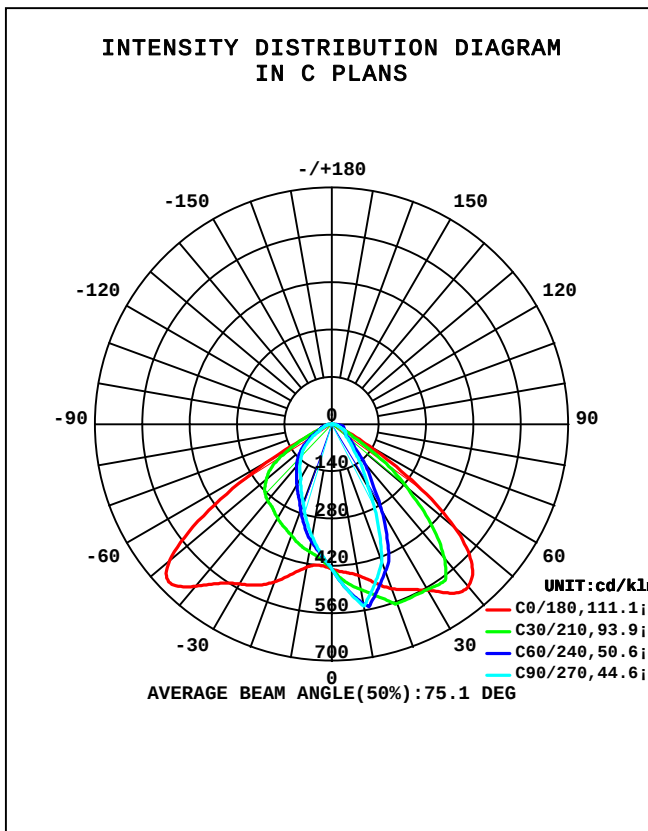


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.6V I:0.2860A P:60.50W PF:0.9560 Lamp Flux:8183.06x1 lm		
NAME: Street Light 60W, 5700k, ULTRA 2	TYPE:60W	WEIGHT:3.2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.30 lm/W			
Street Light 60W, 5700k, ULTRA 2		Imax(cd/klm)	755.5	h street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	98.6	h street_down(%)	53.6
RATED VOLTAGE(V)	222	TOTAL FLUX(lm/klm)	985.5	h house_up(%)	0.0
NOMINAL FLUX(lm)	8183.06	MAXIMUM @(C,g)	170,44.5	h house_down(%)	45.0
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.6	h down(%)	98.6	SLI	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:ROMAN
Test Date:2019-09-25

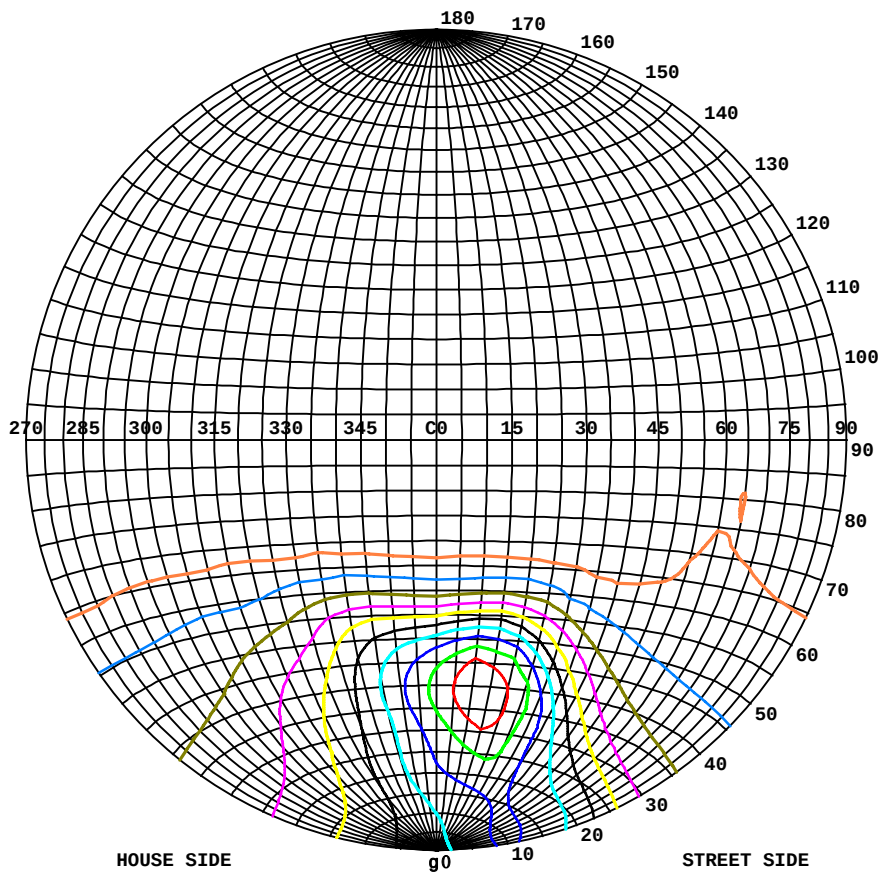
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

C:\Users\LAB\Desktop\LED\STREET\ULTRA 2\Street Light 60W, 5700k, ULTRA 2.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.6V I:0.2860A P:60.50W PF:0.9560 Lamp Flux:8183.06x1 lm		
NAME: Street Light 60W, 5700k, ULTRA 2	TYPE:60W	WEIGHT:3.2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

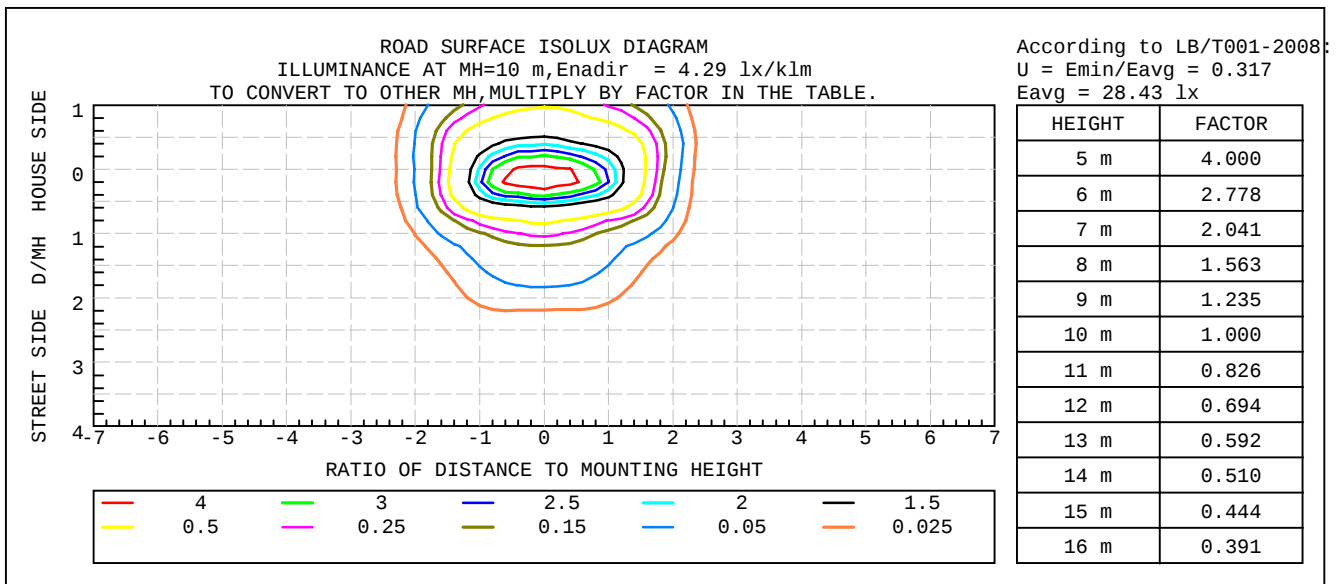
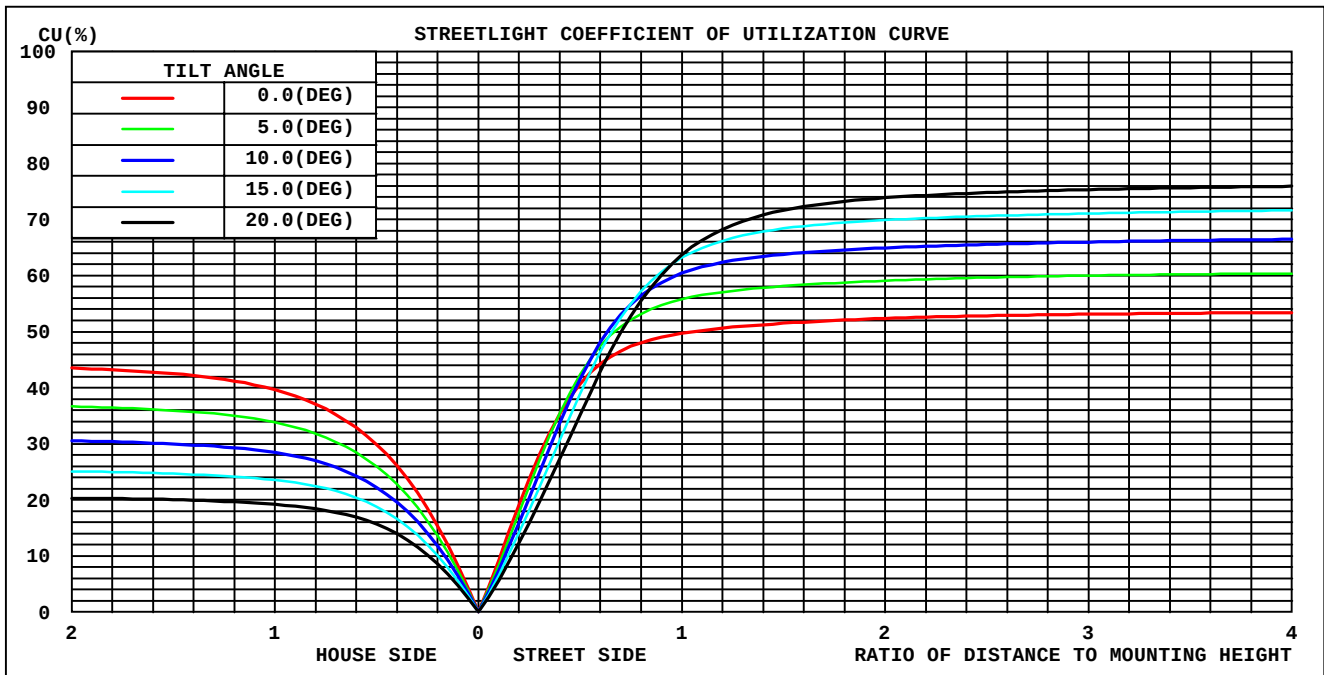
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:38.60cd/klm
 Max.At90:0.4670cd/klm
 Max.80-90:38.75cd/klm
 NRB 5101:Limited[2.3%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	756
90%	680
80%	604
70%	529
60%	453
50%	378
40%	302
30%	227
20%	151
10%	76
5%	38

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:ROMAN
 Test Date:2019-09-25

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: ROMAN
Test Date: 2019-09-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:221.6V I:0.2860A P:60.50W PF:0.9560 Lamp Flux:8183.06x1 lm		
NAME: Street Light 60W, 5700k, ULTRA 2	TYPE:60W	WEIGHT:3.2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

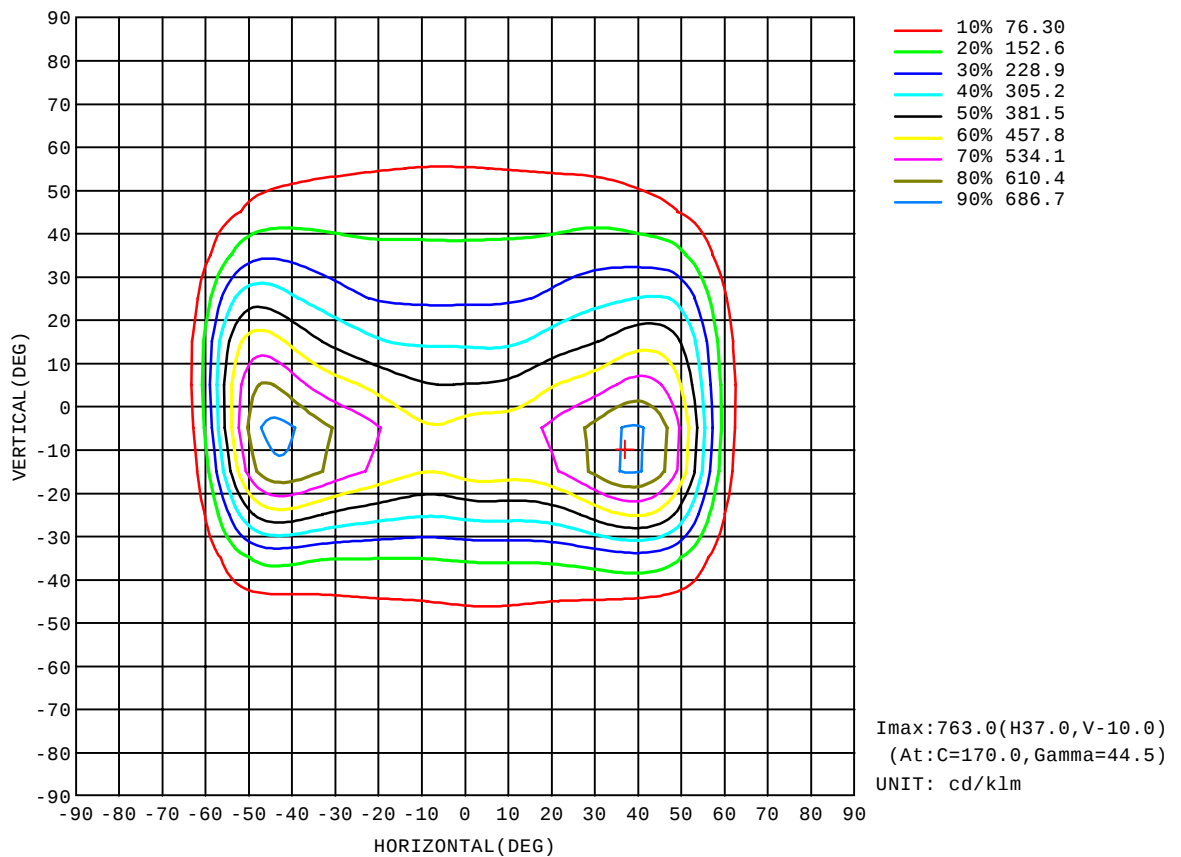
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
5	440.0	478.6	487.8	457.8	419.3	392.8	383.4	400.2	0- 5	10.31	10.31	1.05,1.03
10	454.4	518.0	547.0	481.9	429.1	365.3	338.1	365.0	5- 10	31.11	41.43	4.2,4.14
15	484.8	534.0	491.0	502.2	459.4	336.3	293.4	334.1	10- 15	51.30	92.73	9.41,9.27
20	517.6	499.0	435.1	481.4	495.9	303.2	248.7	313.2	15- 20	69.11	161.8	16.4,16.2
25	539.6	466.6	326.2	458.8	526.0	269.1	216.9	289.0	20- 25	84.16	246.0	25,24.6
30	567.0	410.8	217.3	400.7	545.5	242.4	185.0	269.8	25- 30	94.84	340.8	34.6,34.1
35	610.1	332.6	160.7	310.0	575.0	222.4	165.6	252.0	30- 35	102.5	443.4	45,44.3
40	628.2	243.8	104.1	213.5	626.0	200.3	146.1	227.8	35- 40	108.4	551.8	56,55.2
45	586.9	179.1	79.35	151.6	669.7	181.0	126.8	198.2	40- 45	109.5	661.3	67.1,66.1
50	473.6	97.67	54.55	81.07	626.4	153.5	107.5	160.0	45- 50	103.3	764.6	77.6,76.5
55	289.1	69.79	51.60	60.45	444.5	118.4	77.54	114.5	50- 55	85.86	850.4	86.3,85
60	115.6	42.61	48.64	41.18	201.9	75.11	47.57	65.46	55- 60	58.03	908.5	92.2,90.8
65	44.88	35.30	35.77	35.57	52.75	48.60	35.61	44.89	60- 65	31.20	939.7	95.3,94
70	23.02	27.87	22.90	29.19	25.47	31.92	23.65	32.24	65- 70	18.35	958.0	97.2,95.8
75	13.40	19.18	18.09	21.83	15.08	24.43	19.22	23.94	70- 75	13.47	971.5	98.6,97.1
80	6.810	9.543	13.29	11.90	7.519	13.60	14.79	12.85	75- 80	9.385	980.9	99.5,98.1
85	1.522	1.776	0	2.501	1.594	2.910	0	2.542	80- 85	4.410	985.3	100,98.5
90	0.4670	0	0	0	0.4272	0	0	0	85- 90	0.2581	985.5	100,98.6
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/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:ROMAN
Test Date:2019-09-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

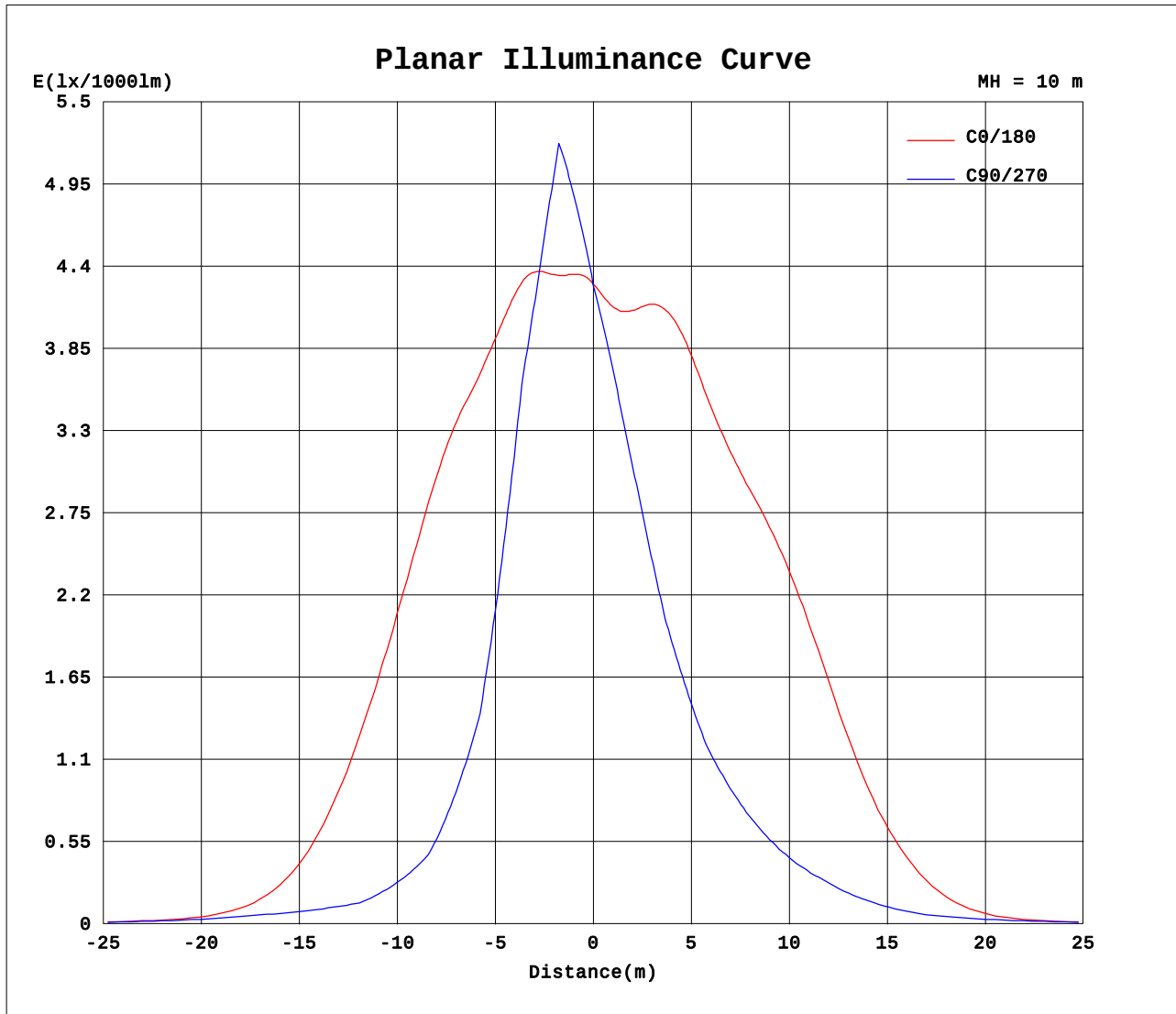
Test:U:221.6V I:0.2860A P:60.50W PF:0.9560 Lamp Flux:8183.06x1 lm		
NAME: Street Light 60W, 5700k, ULTRA 2	TYPE:60W	WEIGHT:3.2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:ROMAN
Test Date:2019-09-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: ROMAN
Test Date: 2019-09-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

