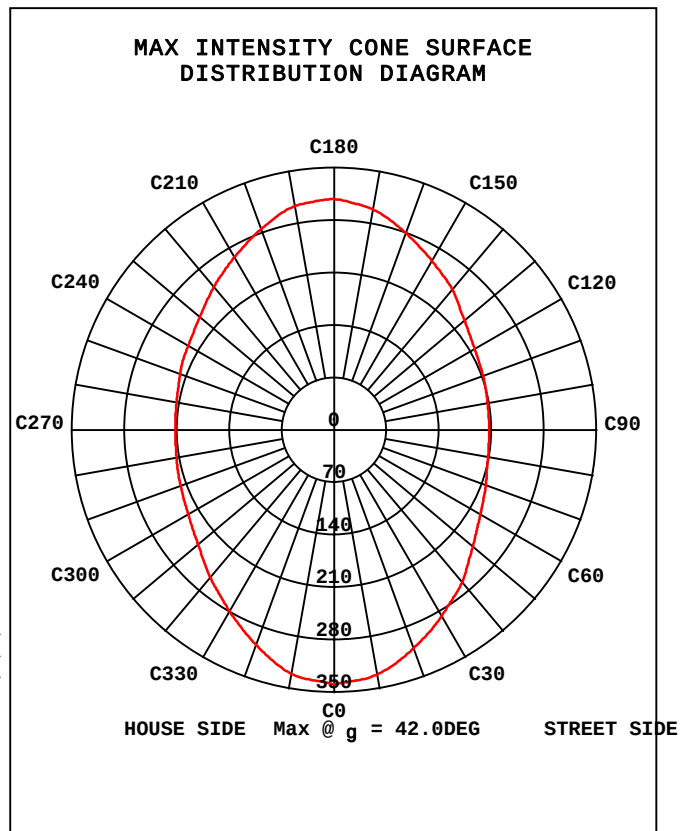
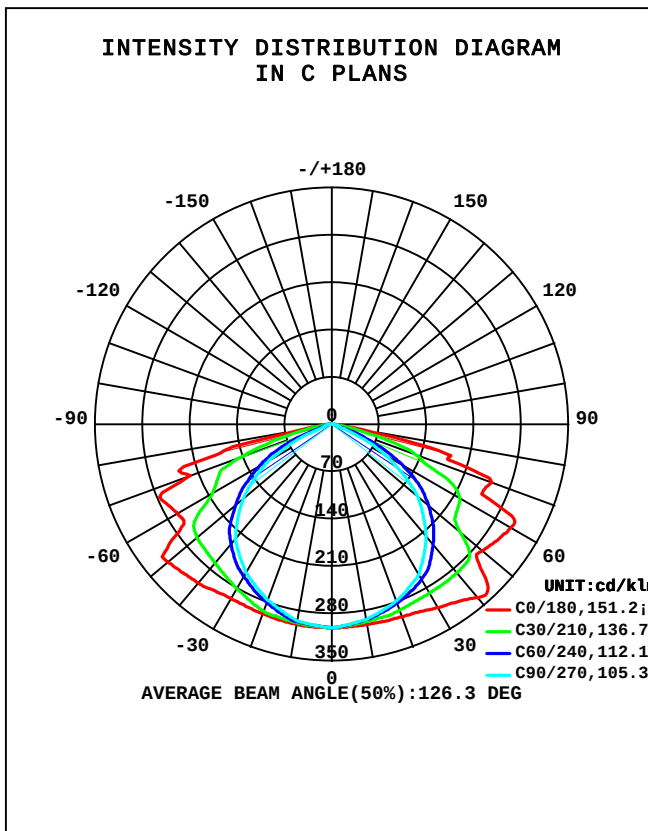


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.5V I:0.2230A P:47.20W PF:0.9560 Lamp Flux:5955.48x1 lm		
NAME: Street Light 45W, 5700k, ULTRA 2	TYPE:45W	WEIGHT:2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.53 lm/W			
Street Light 45W, 5700k, ULTRA 2		Imax(cd/klm)	340.0	h street_up(%)	0.0
NOMINAL POWER(W)	45	LOR(%)	97.1	h street_down(%)	47.8
RATED VOLTAGE(V)	222	TOTAL FLUX(lm/klm)	971.1	h house_up(%)	0.0
NOMINAL FLUX(lm)	5955.48	MAXIMUM @(C,g)	0,42.0	h house_down(%)	49.3
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.6	h down(%)	97.1	SLI	



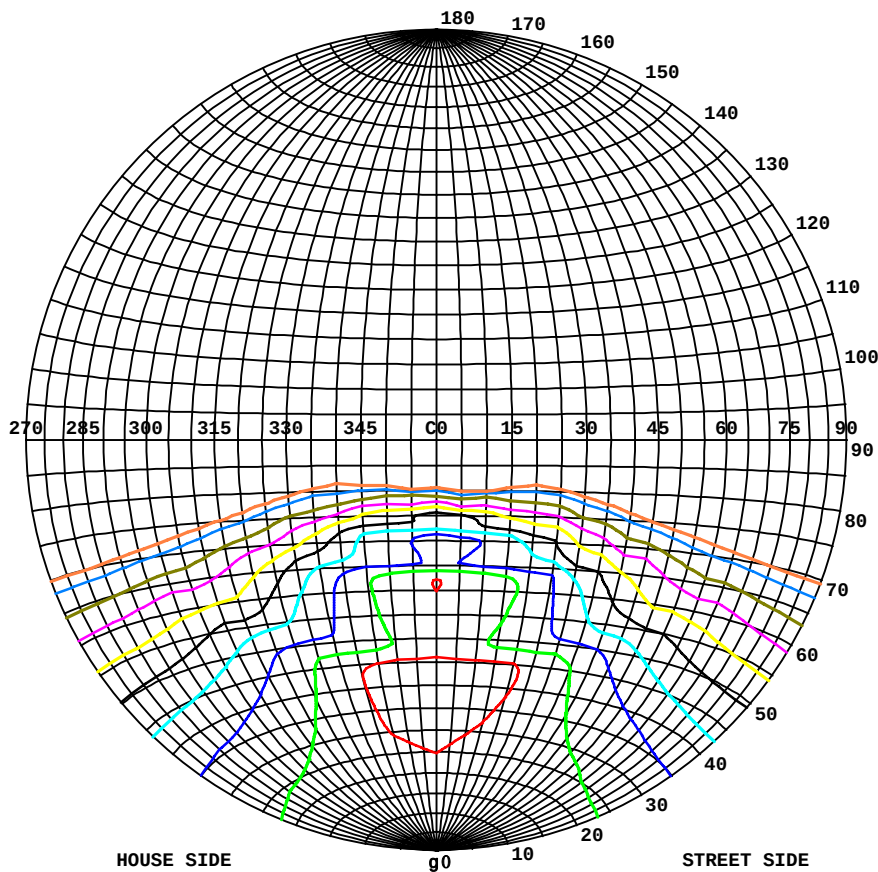
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:ROMAN
Test Date:2019-09-25

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 45W, 5700k, ULTRA 2.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.5V I:0.2230A P:47.20W PF:0.9560 Lamp Flux:5955.48x1 lm		
NAME: Street Light 45W, 5700k, ULTRA 2	TYPE:45W	WEIGHT:2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

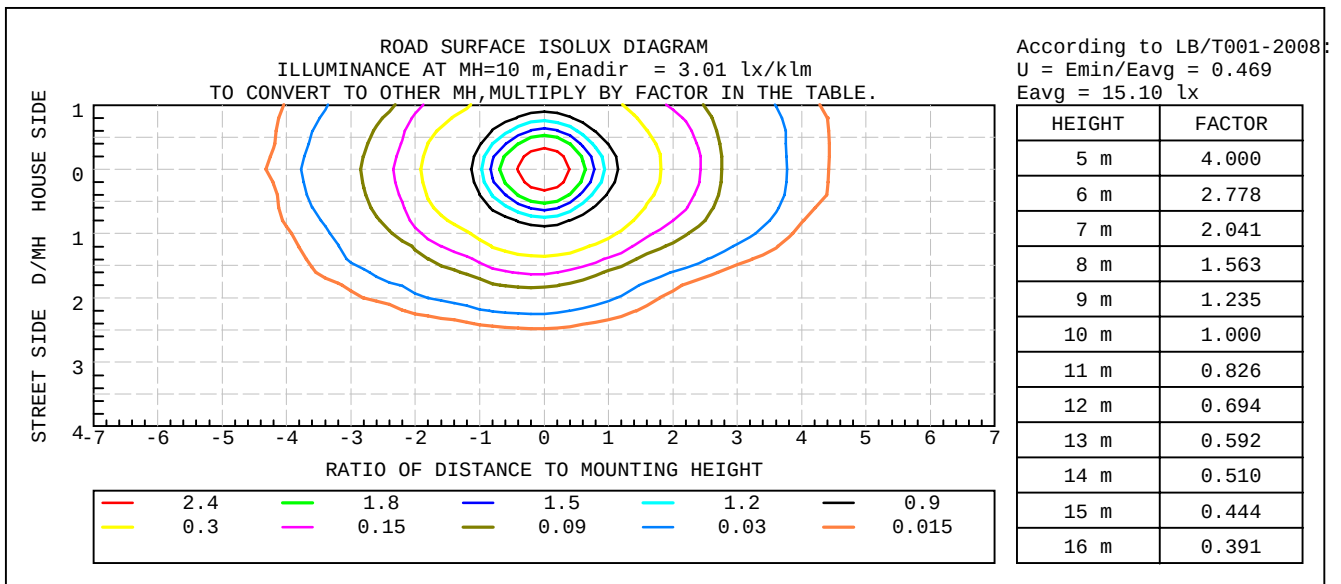
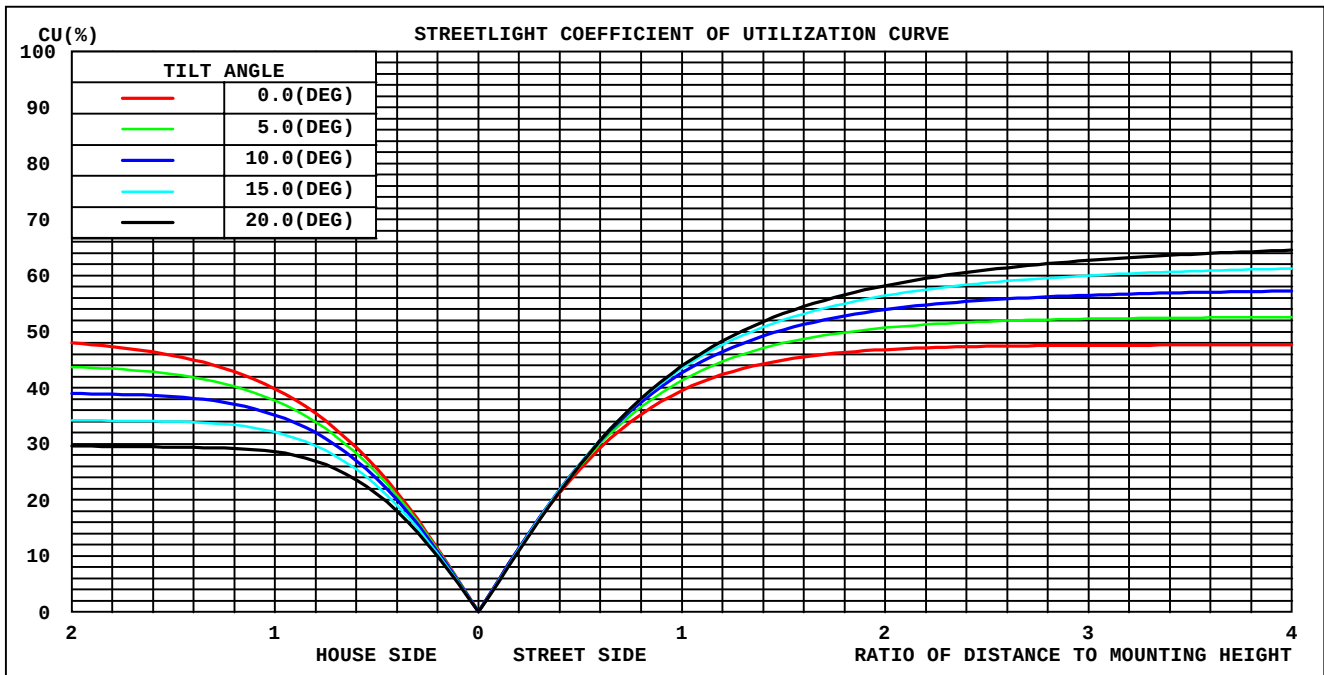
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:51.49cd/klm
 Max.At90:0.9847cd/klm
 Max.80-90:51.49cd/klm
 NRB 5101:Semi limited[17.3%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	340
90%	306
80%	272
70%	238
60%	204
50%	170
40%	136
30%	102
20%	68
10%	34
5%	17

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:221.5V I:0.2230A P:47.20W PF:0.9560 Lamp Flux:5955.48x1 lm		
NAME: Street Light 45W, 5700k, ULTRA 2	TYPE:45W	WEIGHT:2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

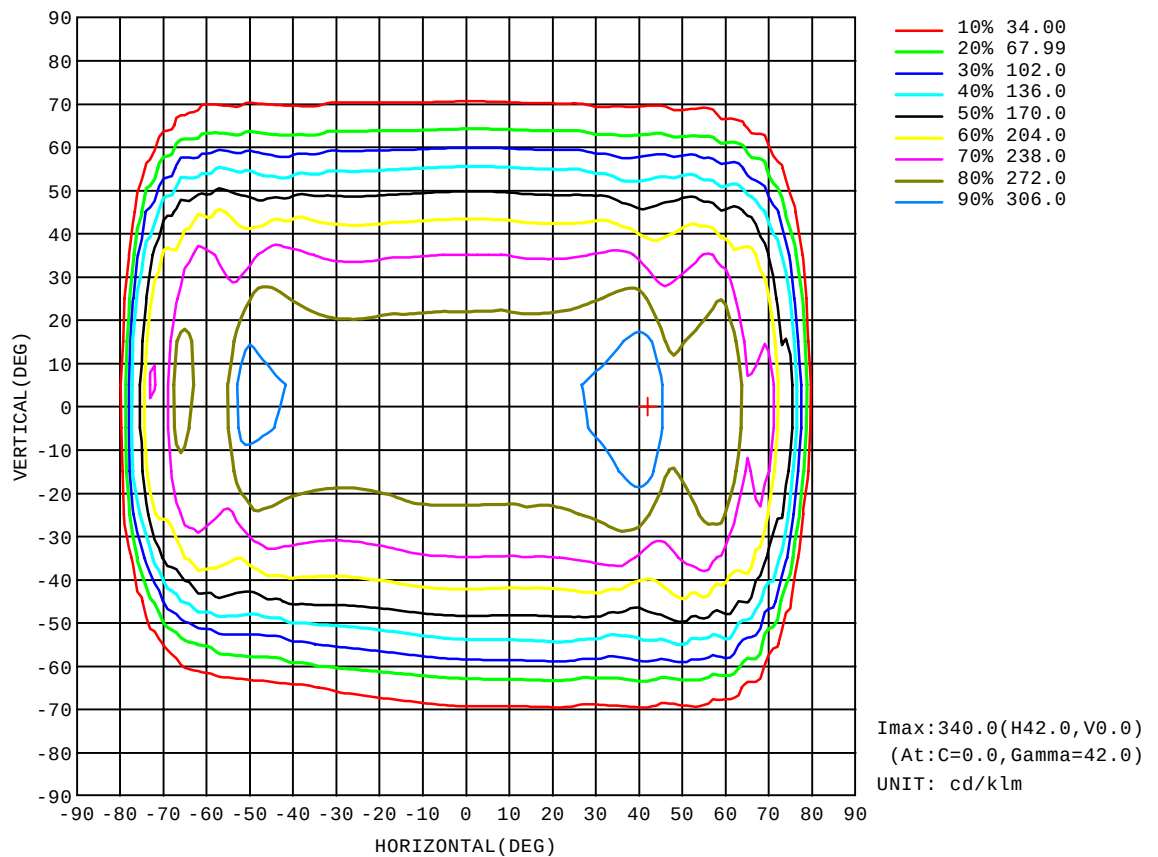
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	300.7	298.1	297.2	298.4	301.2	299.2	298.3	299.2	0- 5	7.165	7.165	0.74,0.72
10	301.0	294.9	293.2	296.3	300.9	297.5	295.4	297.5	5- 10	21.30	28.47	2.93,2.85
15	301.8	291.7	286.0	293.7	299.9	294.1	286.2	294.8	10- 15	34.99	63.46	6.53,6.35
20	303.1	287.5	278.8	286.2	298.6	286.5	277.0	287.3	15- 20	47.87	111.3	11.5,11.1
25	306.4	281.3	268.2	277.7	297.8	279.2	265.4	279.8	20- 25	59.76	171.1	17.6,17.1
30	313.4	274.7	257.5	267.8	298.1	269.4	253.8	271.5	25- 30	70.51	241.6	24.9,24.2
35	321.4	267.3	237.5	256.4	301.4	258.4	238.1	262.1	30- 35	80.01	321.6	33.1,32.2
40	334.7	258.9	217.6	243.7	307.4	247.5	222.3	252.3	35- 40	87.87	409.5	42.2,40.9
45	321.7	243.6	191.7	223.5	311.2	233.2	196.9	238.4	40- 45	93.59	503.1	51.8,50.3
50	290.9	227.3	165.8	202.6	317.0	219.2	171.4	223.3	45- 50	94.27	597.3	51.5,59.7
55	299.3	185.0	129.3	175.0	275.9	193.7	139.4	183.6	50- 55	91.88	689.2	71.6,68.9
60	306.4	147.3	92.76	138.6	264.2	164.0	107.3	140.3	55- 60	84.71	773.9	79.7,77.4
65	244.8	121.6	52.49	80.74	273.1	112.6	61.05	111.1	60- 65	75.44	849.4	87.5,84.9
70	251.8	78.40	12.22	36.05	222.9	68.00	14.77	71.75	65- 70	59.34	908.7	93.6,90.9
75	182.6	16.51	10.12	13.06	177.6	21.41	11.76	18.66	70- 75	39.72	948.4	97.7,94.8
80	32.24	6.067	8.028	7.385	32.05	11.74	8.757	8.824	75- 80	18.74	967.2	99.6,96.7
85	2.295	1.522	0	2.241	4.678	3.646	0	2.612	80- 85	3.555	970.7	100,97.1
90	0.9847	0	0	0	0.9530	0	0	0	85- 90	0.4298	971.1	100,97.1
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

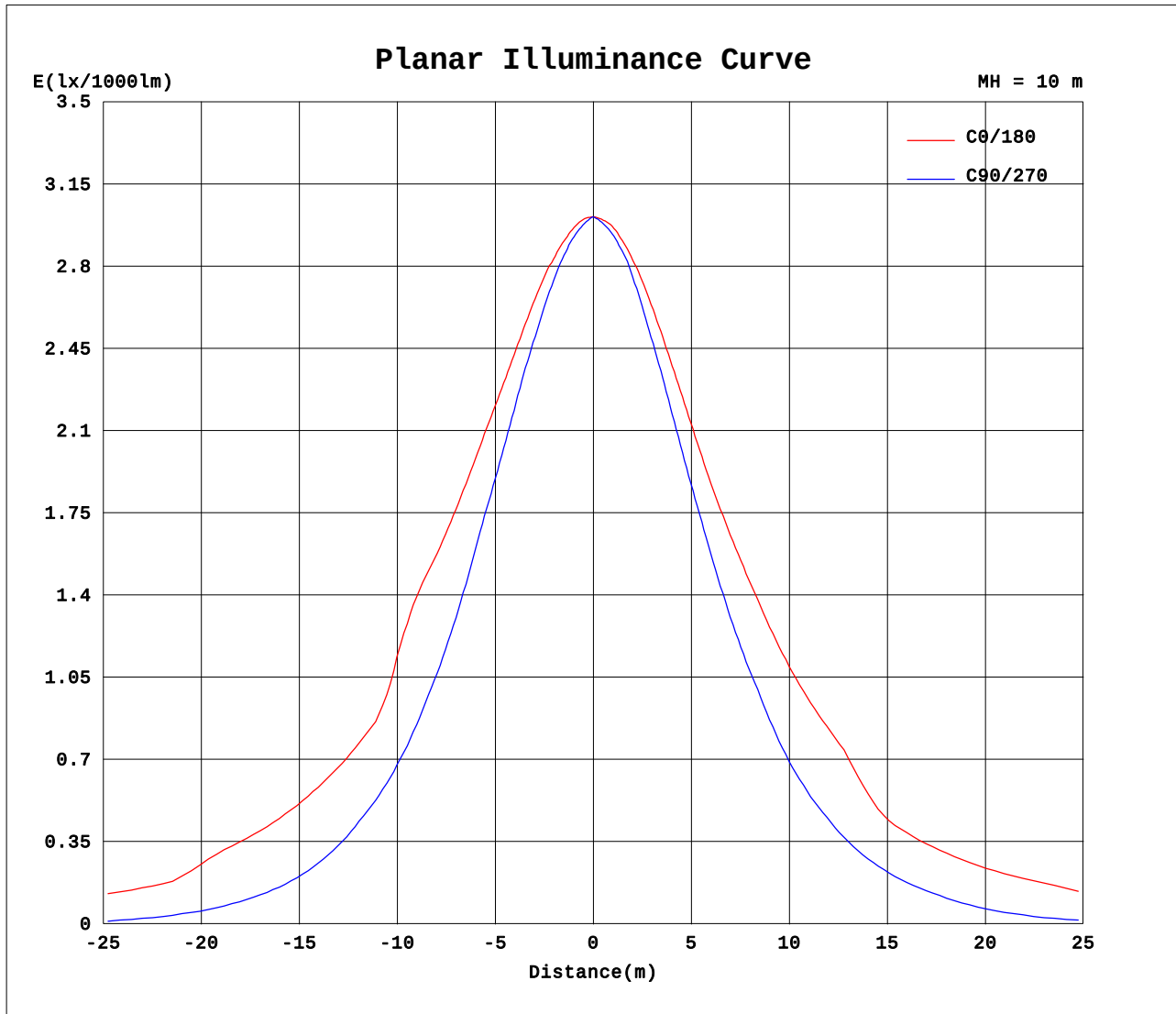
Test:U:221.5V I:0.2230A P:47.20W PF:0.9560 Lamp Flux:5955.48x1 lm		
NAME: Street Light 45W, 5700k, ULTRA 2	TYPE:45W	WEIGHT:2
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



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:

