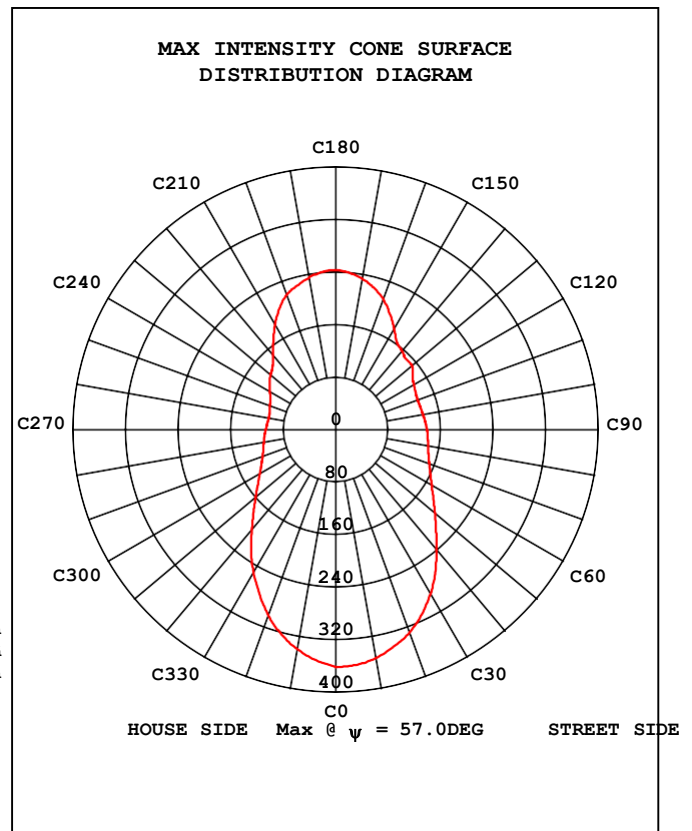
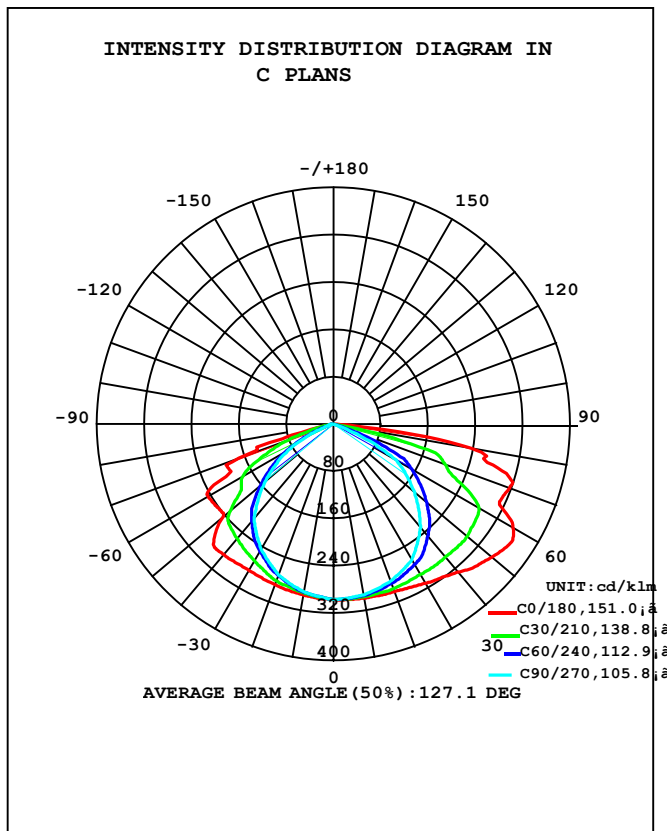


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.7V I:0.1480A P:30.40W PF:0.9250 Lamp Flux:4040.43x1 lm		
NAME: Street Light 30W, 4000k, ULTRA 2	TYPE:30W	WEIGHT:1.9
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.44 lm/W			
etm Light 30 , 4000k, ULTRA 2		Imax(cd/klm)	361.2	ψ street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	98.1	ψ street_down(%)	51.0
RATED VOLTAGE(V)	222	TOTAL FLUX(lm/klm)	981.4	ψ house_up(%)	0.0
NOMINAL FLUX(lm)	4040.43	MAXIMUM @ (C, ψ)	0,57.0	ψ house_down(%)	47.2
LAMPS INSIDE	1	ψ up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.7	ψ down(%)	98.1	SLI	



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

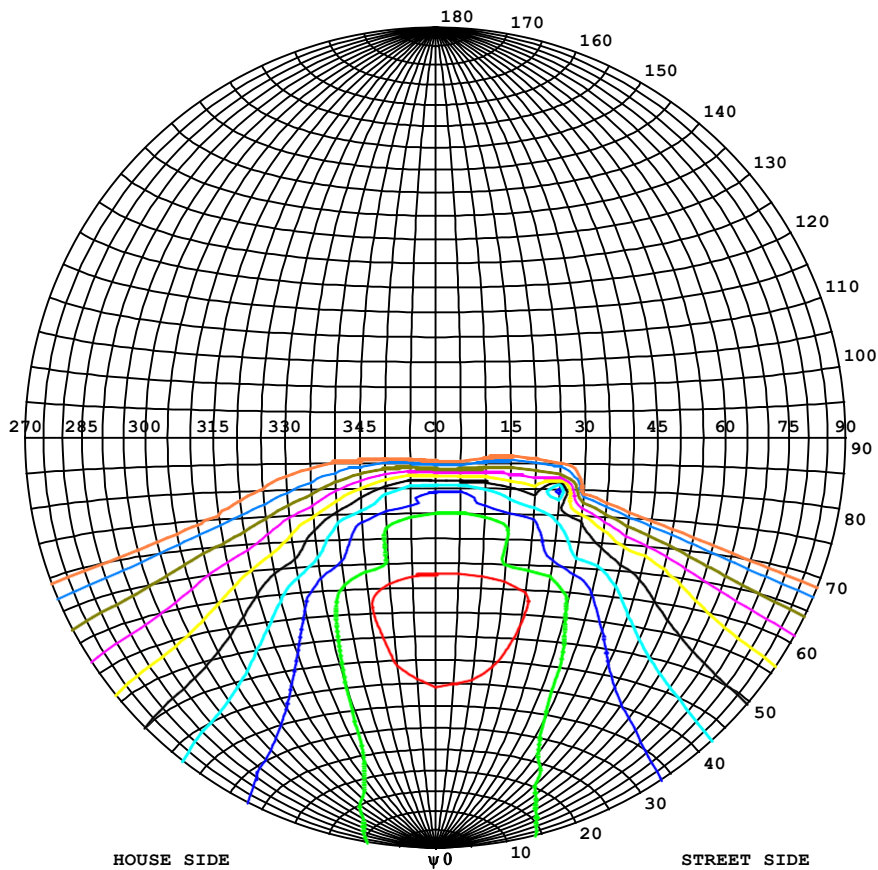
ψ Range: 0 - 90DEG
 ψ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

C:\Users\LAB\Desktop\LED\STREET\ULTRA 2\Street Light 30W, 4000k, ULTRA 2.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.7V I:0.1480A P:30.40W PF:0.9250 Lamp Flux:4040.43x1 lm		
NAME: Street Light 30W, 4000k, ULTRA 2	TYPE:30W	WEIGHT:1.9
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

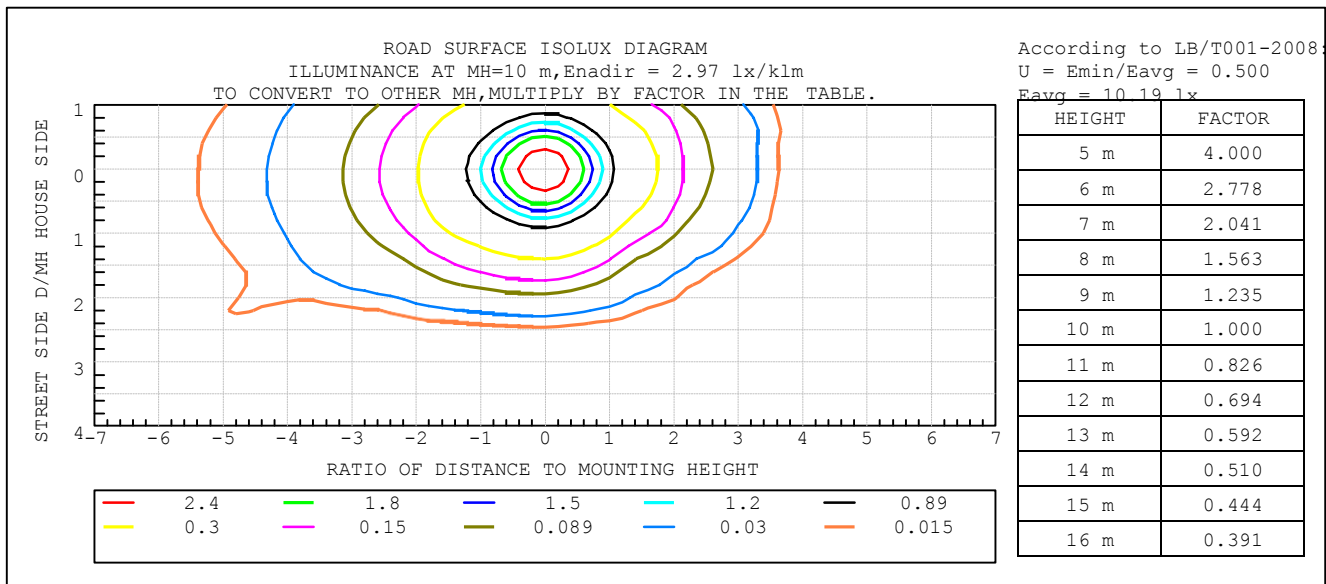
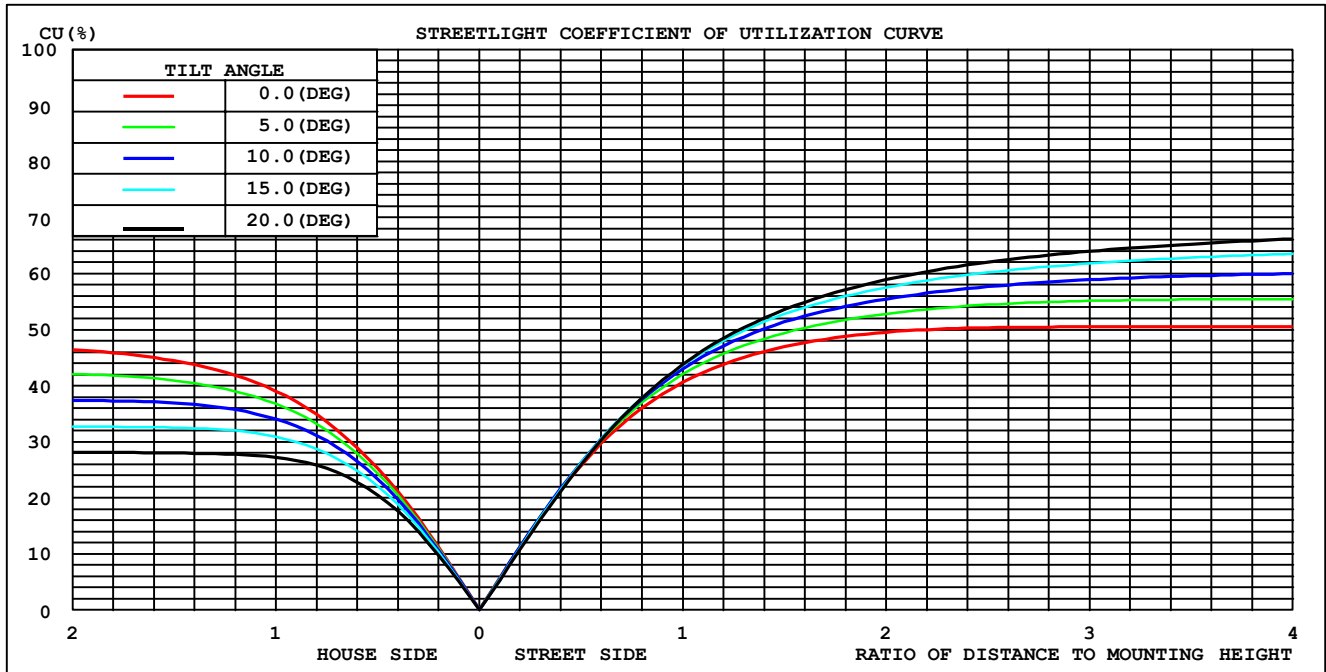
IES:Type II - Short
 CIE:Narrow - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:252.9cd/klm
 Max.At90:1.916cd/klm
 Max.80-90:252.9cd/klm
 NRB 5101:Semi limited[28.1%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
I _{max} =100%	361
90%	325
80%	289
70%	253
60%	217
50%	181
40%	144
30%	108
20%	72
10%	36
5%	18

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

ψ Range: 0 - 90DEG
 ψ 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

ψ Range: 0 - 90DEG
ψ 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:221.7V I:0.1480A P:30.40W PF:0.9250 Lamp Flux:4040.43x1 lm		
NAME: Street Light 30W, 4000k, ULTRA 2	TYPE:30W	WEIGHT:1.9
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

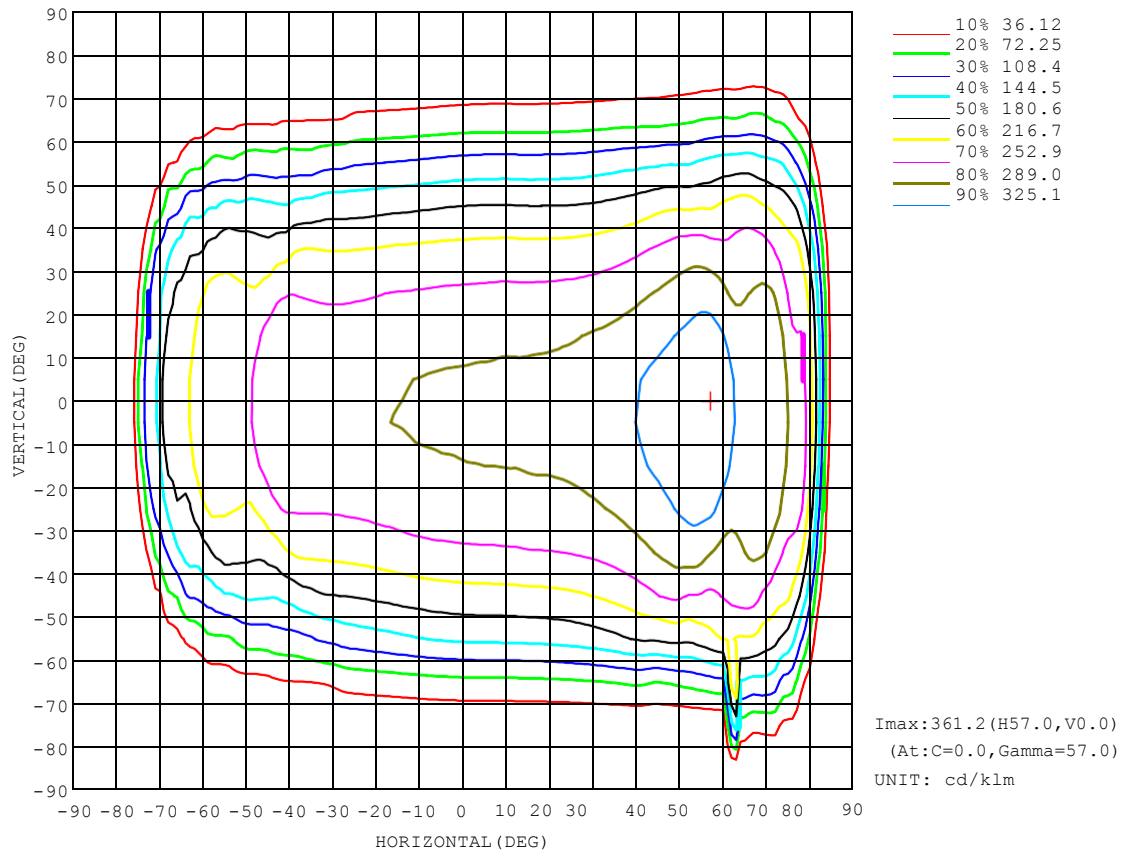
ψ	C0	C45	C90	C135	C180	C225	C270	C315	ψ	8 zone	8 total	%lum,lm
5	298.1	296.4	295.2	294.7	295.8	293.2	292.8	294.9	0- 5	7.070	7.070	0.72,0.71
10	299.1	295.3	293.4	292.4	293.7	289.2	288.6	292.7	5- 10	21.02	28.09	2.86,2.81
15	300.3	294.0	288.1	290.2	291.8	284.0	280.3	290.3	10- 15	34.54	62.63	6.38,6.26
20	301.7	291.1	282.9	283.1	289.6	276.5	272.0	283.8	15- 20	47.33	110.0	11.2,11
25	305.0	288.4	274.1	276.0	287.4	269.2	258.6	277.7	20- 25	59.17	169.1	17.2,16.9
30	311.1	283.1	265.3	267.3	286.0	257.7	245.1	269.1	25- 30	69.80	238.9	24.3,23.9
35	317.5	277.2	247.1	256.8	286.6	245.0	227.3	258.9	30- 35	79.09	318.0	32.4,31.8
40	327.2	270.9	228.9	244.9	289.0	231.7	209.6	247.5	35- 40	86.62	404.6	41.2,40.5
45	340.4	258.3	203.5	225.1	288.2	214.2	180.5	232.1	40- 45	92.21	496.9	50.6,49.7
50	349.9	246.1	178.0	204.5	243.7	196.5	151.4	216.0	45- 50	94.06	590.9	60.2,59.1
55	359.5	225.1	150.3	169.1	242.4	154.8	119.8	189.0	50- 55	91.66	682.6	69.5,68.3
60	350.6	202.3	122.6	122.8	245.3	112.2	88.23	159.8	55- 60	87.75	770.3	78.5,77
65	310.1	173.1	61.62	86.40	191.4	79.94	49.73	123.8	60- 65	77.71	848.0	86.4,84.8
70	316.4	109.9	0.6139	47.42	170.5	44.59	11.24	77.24	65- 70	59.70	907.7	92.5,90.8
75	288.6	11.61	0.6125	5.207	73.51	11.35	8.797	23.77	70- 75	40.75	948.5	96.6,94.8
80	237.3	0.6167	0.6111	0.6351	3.214	5.824	6.354	11.80	75- 80	22.38	970.9	98.9,97.1
85	22.87	0.2511	0	0.2632	1.354	1.787	0	3.067	80- 85	9.884	980.8	99.9,98.1
90	1.916	0	0	0	1.429	0	0	0	85- 90	0.6802	981.4	100,98.1
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

ψ Range: 0 - 90DEG
ψ 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

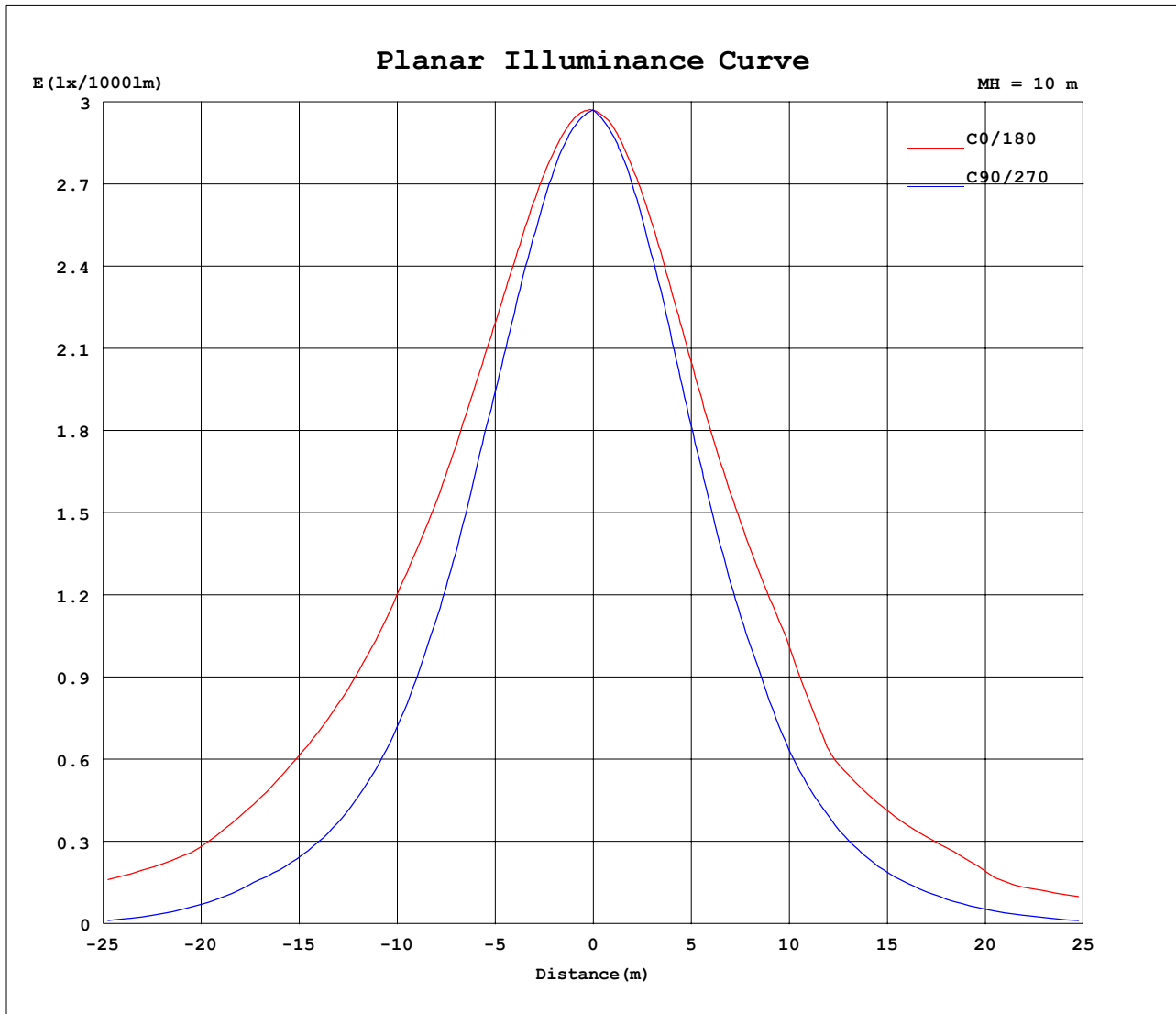
Test:U:221.7V I:0.1480A P:30.40W PF:0.9250 Lamp Flux:4040.43x1 lm		
NAME: Street Light 30W, 4000k, ULTRA 2	TYPE:30W	WEIGHT:1.9
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



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

ψ Range: 0 - 90DEG
ψ 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

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

