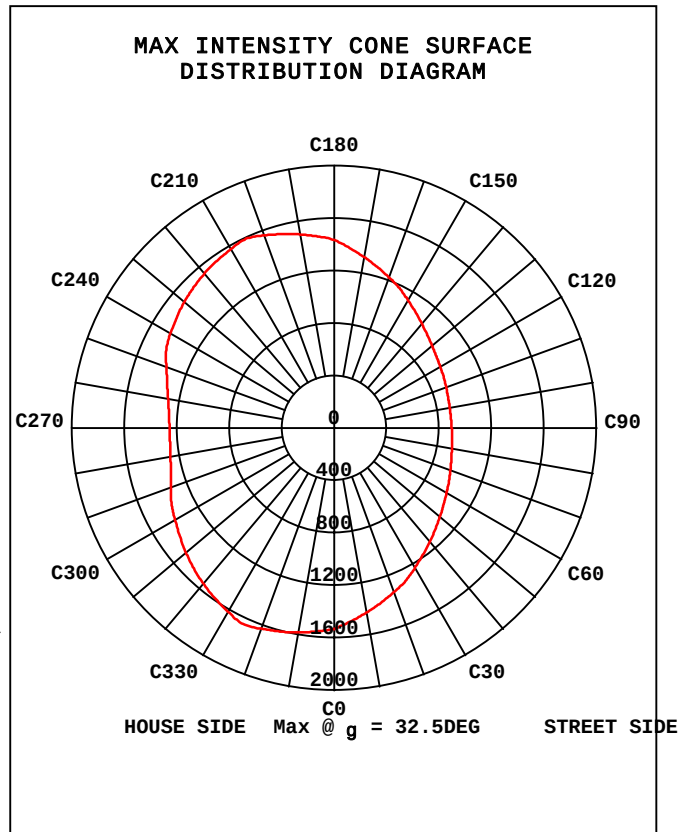
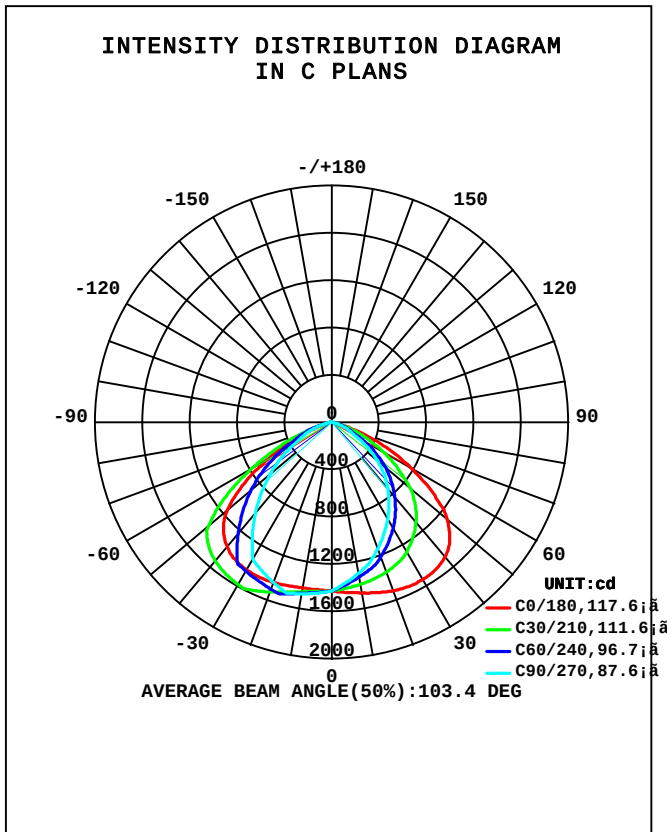


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.8V I:0.1270A P:27.50W PF:0.9720 Lamp Flux:3992.12x1 lm		
NAME: Street Light AMPERA	TYPE:30W	WEIGHT:1.2
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.75 lm/W			
MODEL	Street Light AMPERA	Imax(cd)	1650	h street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	94.9	h street_down(%)	40.2
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	3788	h house_up(%)	0.0
NOMINAL FLUX(lm)	3992.12	MAXIMUM @(C,g)	335,32.5	h house_down(%)	54.6
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.8	h down(%)	94.9	SLI	



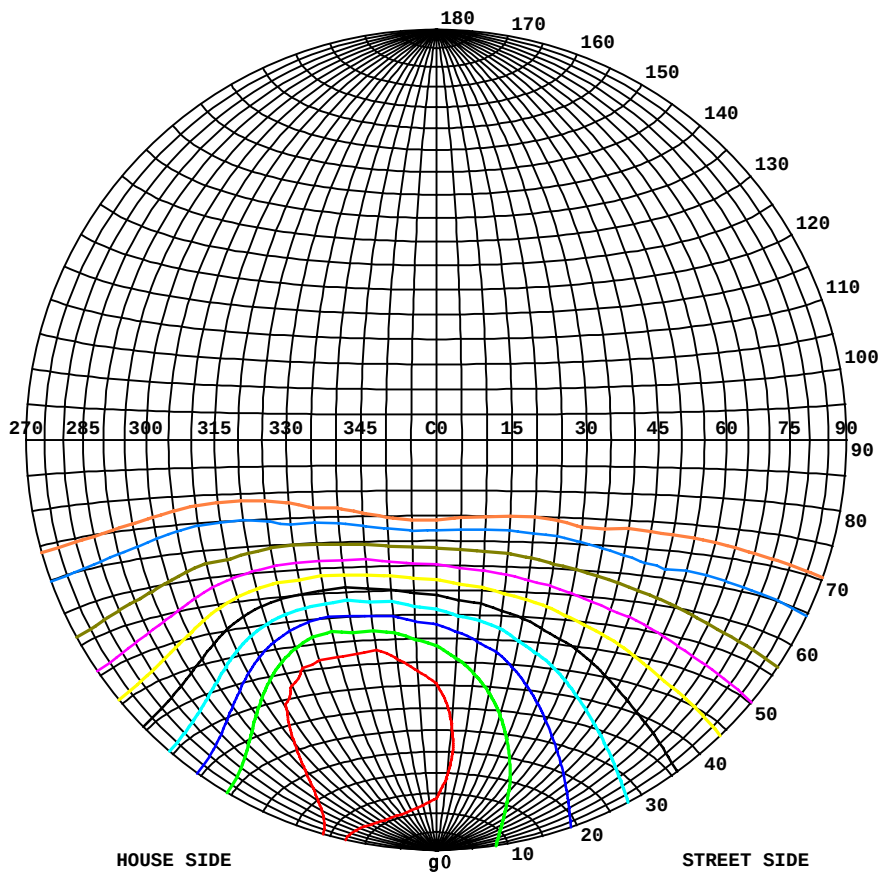
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:29DEG
 Operators:DANU VADIM
 Test Date:2020-12-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:8.300m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index
 C:\Users\LAB\Desktop\LED\STREET\AMPERA\AMPERA 30W 6000K.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.8V I:0.1270A P:27.50W PF:0.9720 Lamp Flux:3992.12x1 lm		
NAME: Street Light AMPERA	TYPE:30W	WEIGHT:1.2
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

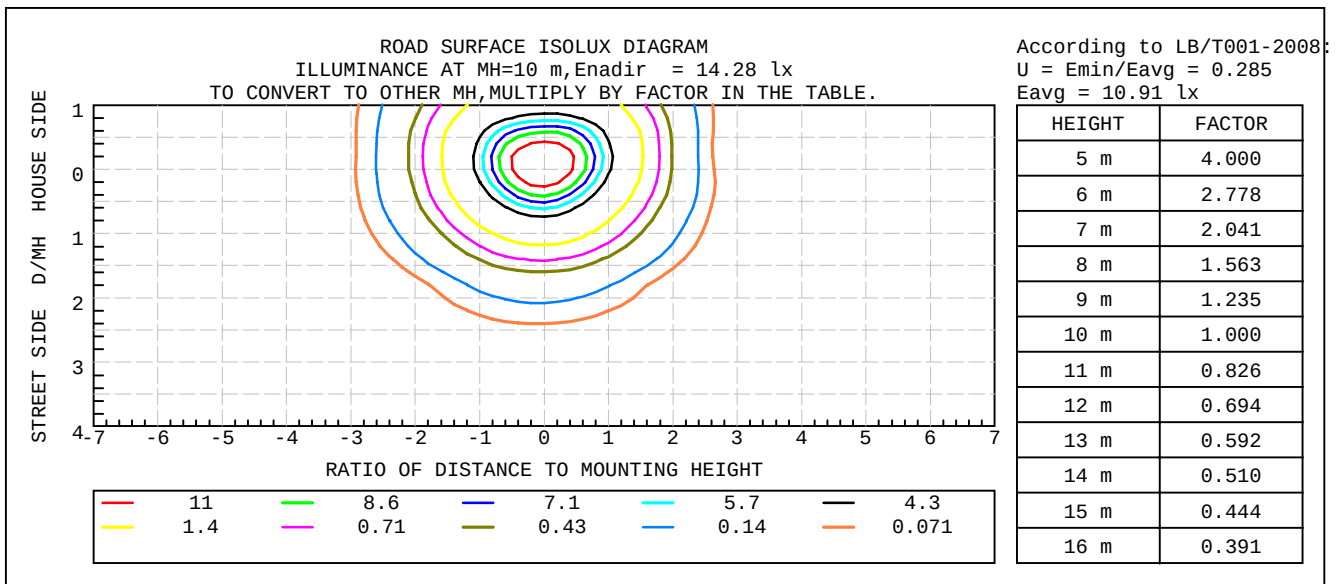
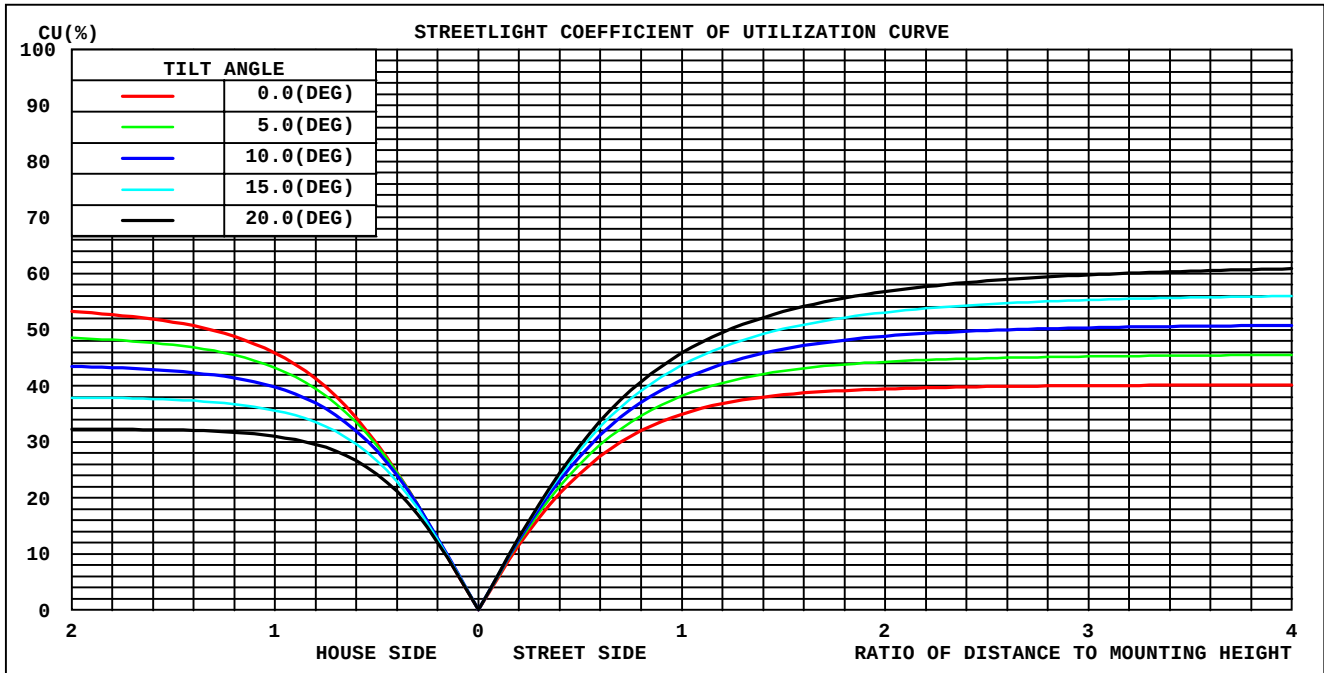
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:13.40cd/klm
 Max.At90:0.2451cd/klm
 Max.80-90:13.40cd/klm
 NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1650
90%	1485
80%	1320
70%	1155
60%	990
50%	825
40%	660
30%	495
20%	330
10%	165
5%	82

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:29DEG
 Operators:DANU VADIM
 Test Date:2020-12-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:8.300m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 29DEG
Operators: DANU VADIM
Test Date: 2020-12-15

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 8.300m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:221.8V I:0.1270A P:27.50W PF:0.9720 Lamp Flux:3992.12x1 lm		
NAME: Street Light AMPERA	TYPE:30W	WEIGHT:1.2
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

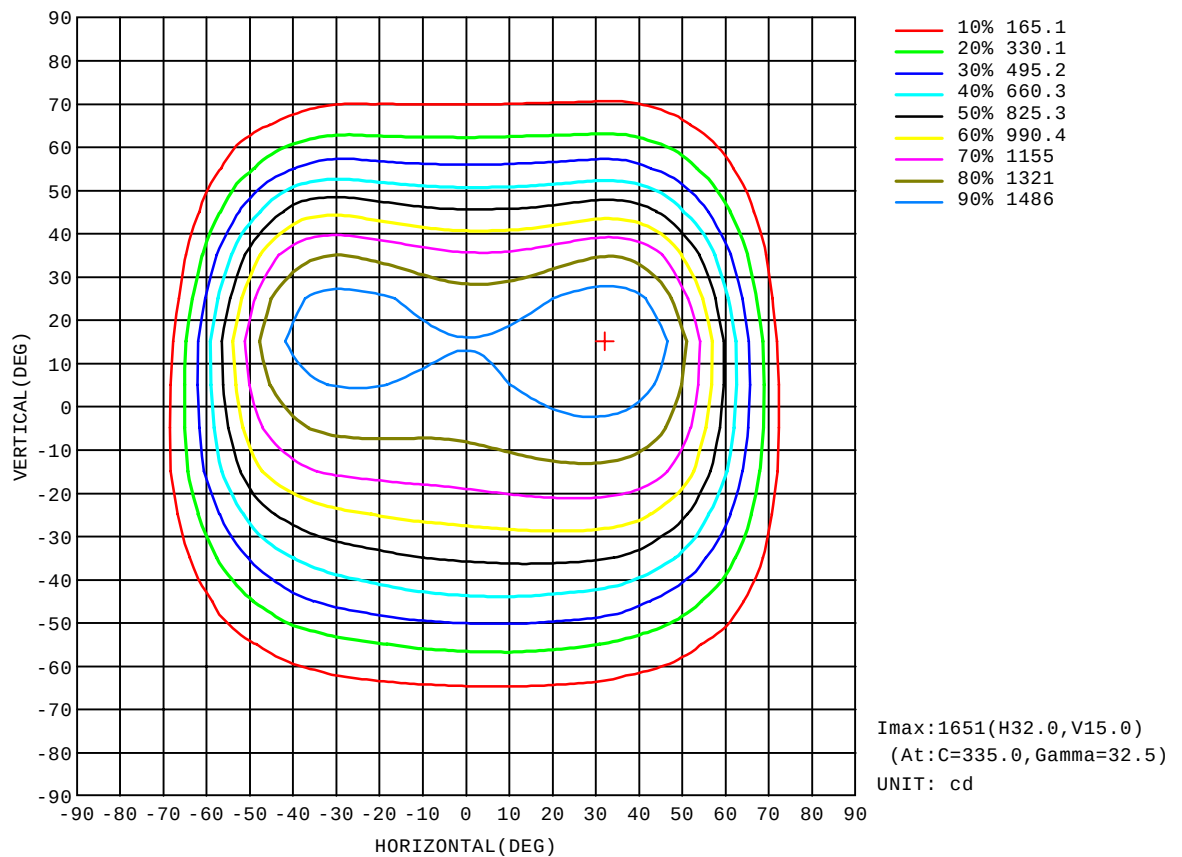
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	1445	1393	1363	1376	1421	1440	1450	1453	0- 5	33.96	33.96	0.90,0.85
10	1466	1359	1299	1325	1423	1465	1473	1482	5- 10	101.1	135.0	3.56,3.38
15	1492	1323	1235	1274	1431	1500	1495	1517	10- 15	167.0	302.1	7.97,7.57
20	1517	1282	1140	1219	1442	1546	1443	1561	15- 20	230.4	532.4	14.1,13.3
25	1534	1214	1045	1141	1448	1542	1392	1552	20- 25	287.7	820.1	21.6,20.5
30	1536	1134	949.7	1053	1442	1528	1340	1529	25- 30	337.8	1158	30.6,29
35	1526	1048	844.9	957.9	1423	1509	1174	1503	30- 35	377.7	1536	40.5,38.5
40	1489	949.8	740.2	854.5	1378	1469	1009	1457	35- 40	401.8	1937	51.1,48.5
45	1414	831.9	635.4	742.0	1295	1311	842.9	1298	40- 45	408.2	2346	61.9,58.8
50	1277	702.2	500.2	620.6	1154	1133	679.5	1115	45- 50	393.3	2739	72.3,68.6
55	1043	558.7	365.1	491.5	902.8	937.4	516.2	910.7	50- 55	351.8	3091	81.6,77.4
60	771.4	396.5	229.9	347.3	629.7	694.7	352.8	694.7	55- 60	283.8	3374	89.1,84.5
65	507.0	236.9	159.0	200.9	372.9	433.1	256.5	462.9	60- 65	202.8	3577	94.4,89.6
70	260.4	122.1	88.19	95.56	122.7	235.6	160.1	275.6	65- 70	126.4	3704	97.8,92.8
75	61.29	60.53	17.33	46.95	22.76	120.9	63.80	161.7	70- 75	62.05	3766	99.4,94.3
80	9.814	8.632	0	6.715	4.334	22.30	0	52.24	75- 80	19.84	3786	99.9,94.8
85	2.233	0	0	0	2.140	0	0	0	80- 85	2.413	3788	100,94.9
90	0.6735	0	0	0	0.9786	0	0	0	85- 90	0.1864	3788	100,94.9
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:29DEG
Operators:DANU VADIM
Test Date:2020-12-15

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

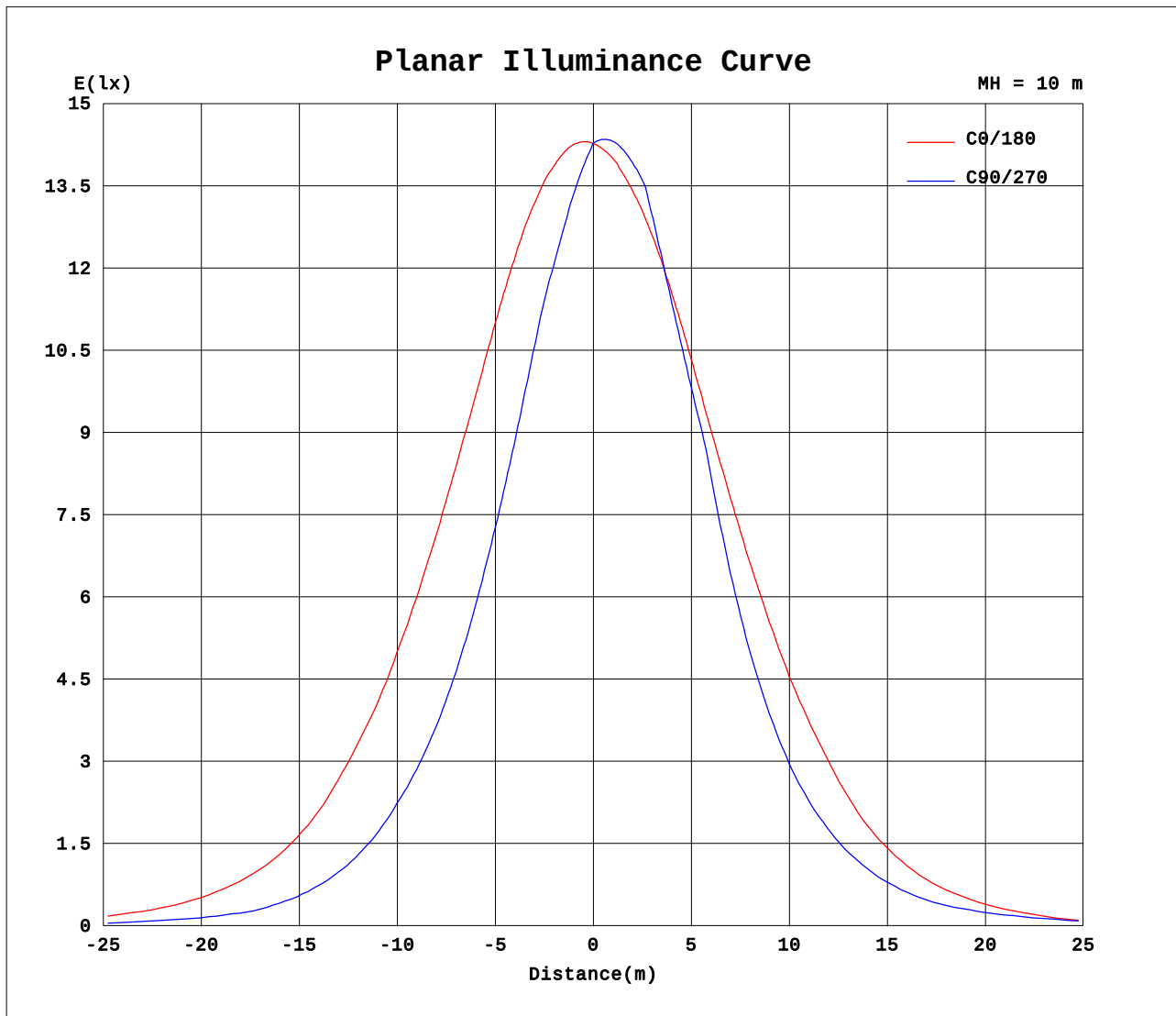
Test:U:221.8V I:0.1270A P:27.50W PF:0.9720 Lamp Flux:3992.12x1 lm		
NAME: Street Light AMPERA	TYPE:30W	WEIGHT:1.2
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:29DEG
Operators:DANU VADIM
Test Date:2020-12-15

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 29DEG
 Operators: DANU VADIM
 Test Date: 2020-12-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 8.300m [K=1.0000]
 Remarks:

