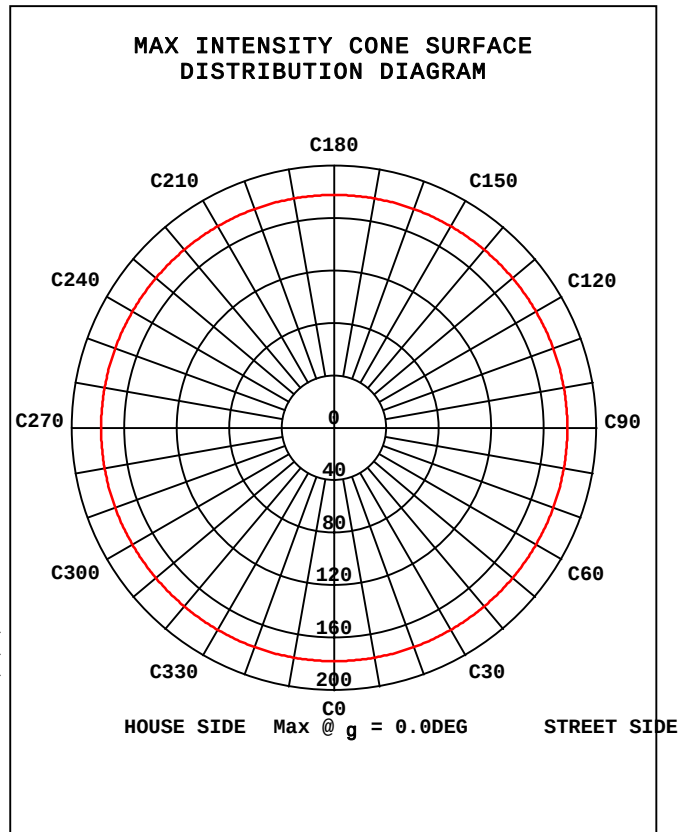
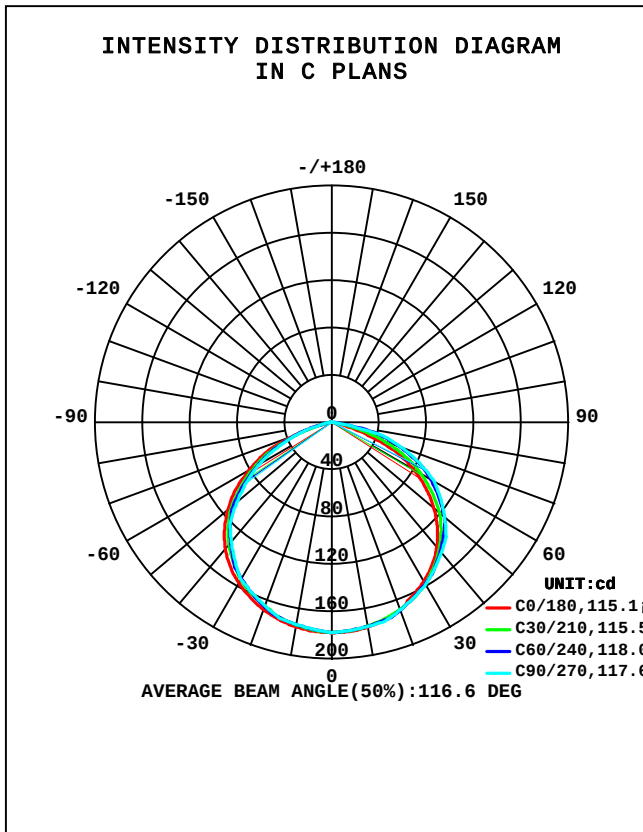


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.300V I:0A P:0W PF:0 Lamp Flux:546.83x1 lm		
NAME: Street Light Solar 50W	TYPE:	WEIGHT:1.5
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODE	Street Light Solar 50W	Imax(cd)	177.9	h street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	92.6	h street_down(%)	49.2
RATED VOLTAGE(V)	0	TOTAL FLUX(lm)	506.6	h house_up(%)	0.0
NOMINAL FLUX(lm)	546.83	MAXIMUM @(C, g)	0,0.0	h house_down(%)	43.4
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	2.3	h down(%)	92.6	SLI	



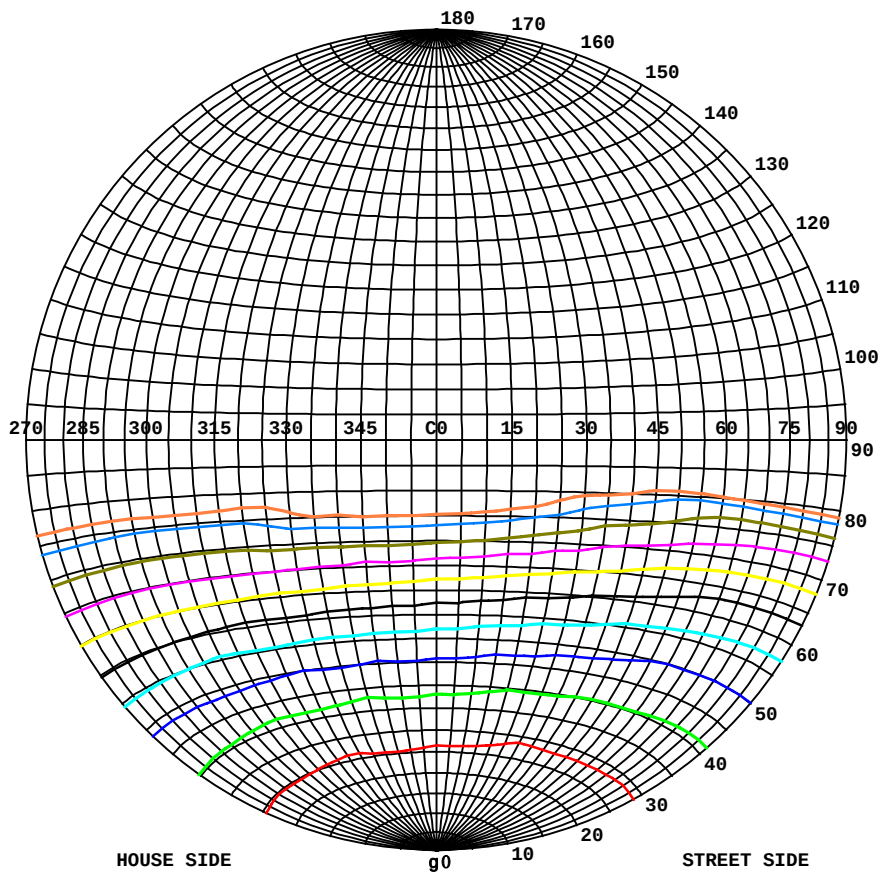
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25DEG
Operators:GUNES OMER
Test Date:2024-04-10

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:50.0%
Test Distance:8.500m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index
C:\Users\LAB\Desktop\LED IES\Solar Light\Solar Strada 50W.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:2.300V I:0A P:0W PF:0 Lamp Flux:546.83x1 lm		
NAME: Street Light Solar 50W	TYPE:	WEIGHT:1.5
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

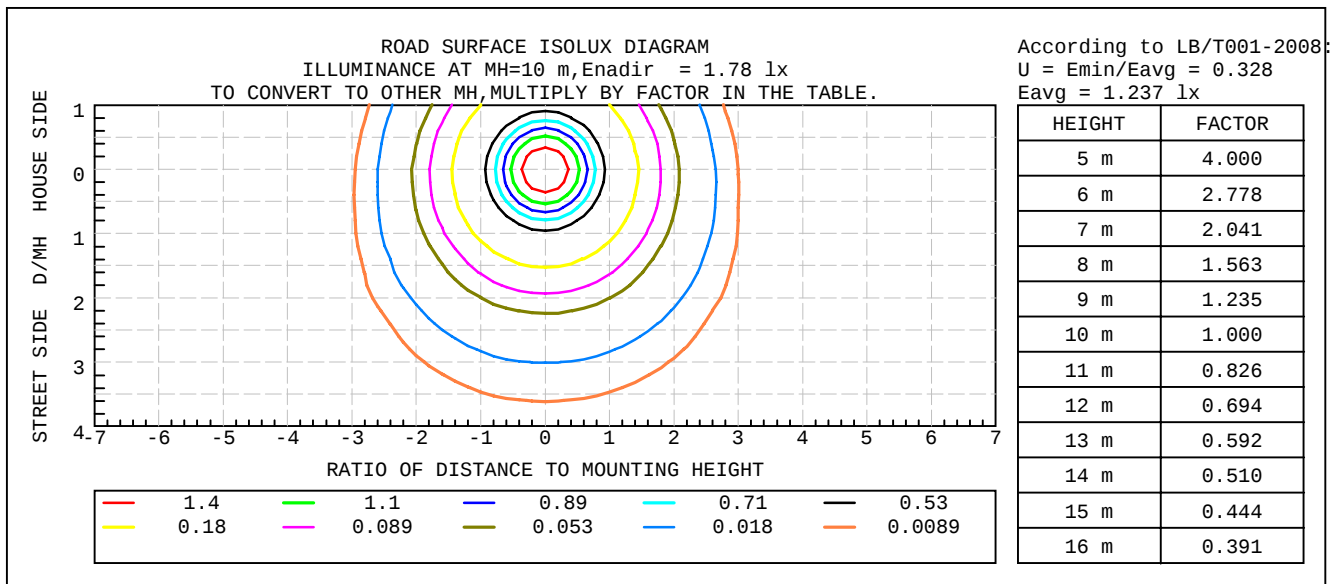
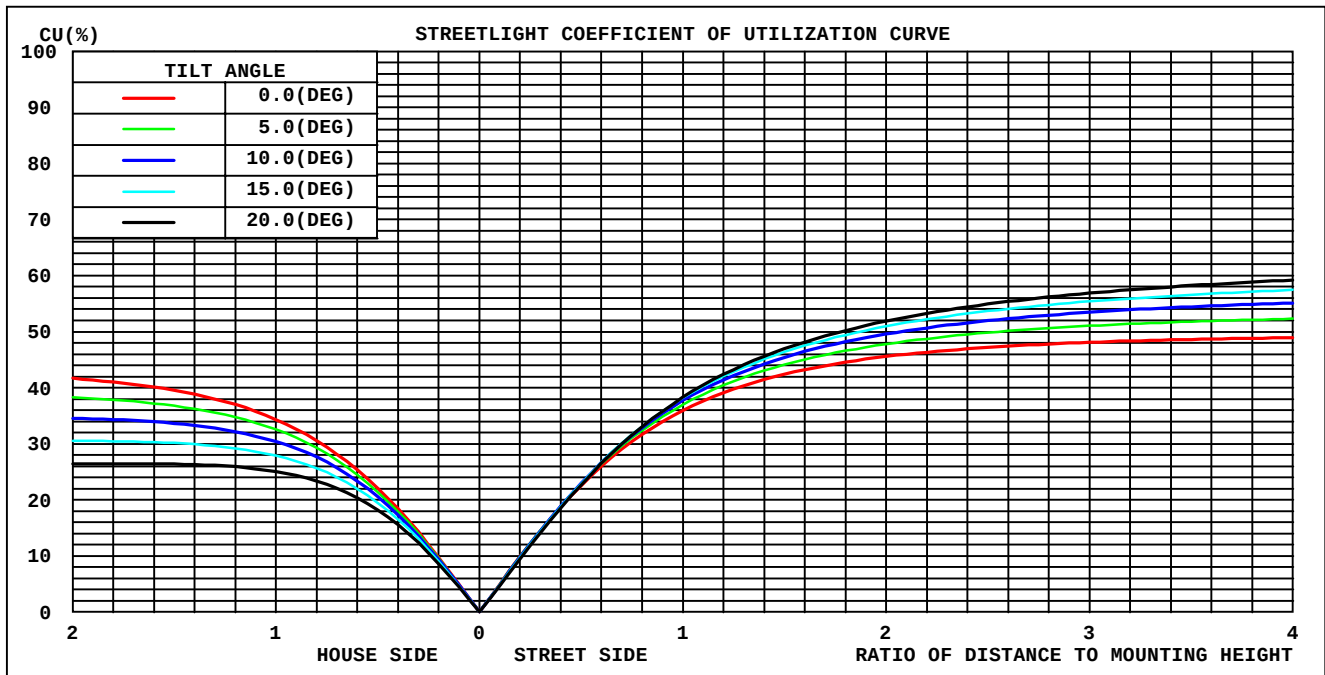
IES:Type III - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:28.33cd/klm
 Max.At90:0.2060cd/klm
 Max.80-90:28.33cd/klm
 NRB 5101:Limited[3.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	178
90%	160
80%	142
70%	125
60%	107
50%	89
40%	71
30%	53
20%	36
10%	18
5%	9

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25DEG
 Operators:GUNES OMER
 Test Date:2024-04-10

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity:50.0%
 Test Distance:8.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25DEG
Operators: GUNES OMER
Test Date: 2024-04-10

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity: 50.0%
Test Distance: 8.500m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:2.300V I:0A P:0W PF:0 Lamp Flux:546.83x1 lm		
NAME: Street Light Solar 50W	TYPE:	WEIGHT:1.5
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

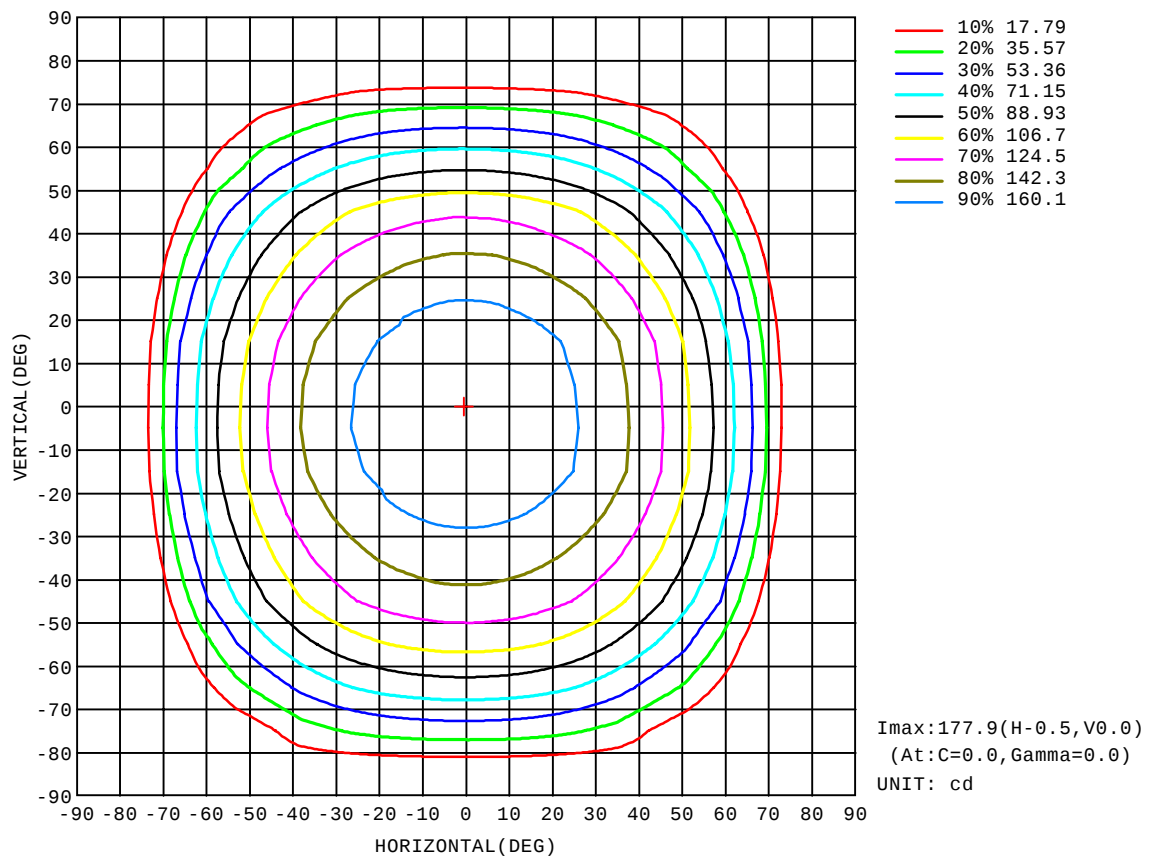
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	177.5	176.8	176.6	176.7	177.3	176.1	175.7	176.1	0- 5	4.233	4.233	0.84,0.77
10	175.8	175.1	175.4	175.0	175.6	173.7	173.5	173.8	5- 10	12.56	16.79	3.31,3.07
15	172.8	172.7	174.2	172.8	172.7	170.7	171.4	170.7	10- 15	20.56	37.36	7.37,6.83
20	168.8	169.9	169.0	169.9	168.7	167.2	165.4	167.0	15- 20	28.01	65.36	12.9,12
25	161.9	164.0	163.9	164.2	163.5	159.2	159.5	160.6	20- 25	34.55	99.92	19.7,18.3
30	155.6	157.4	158.8	156.5	157.2	152.2	153.5	152.9	25- 30	40.15	140.1	27.7,25.6
35	147.9	150.5	151.5	149.9	149.7	144.7	142.9	145.0	30- 35	44.67	184.7	36.5,33.8
40	138.2	142.8	144.2	142.5	140.1	135.8	132.3	135.8	35- 40	47.74	232.5	45.9,42.5
45	126.5	132.4	136.9	132.4	128.3	122.6	121.6	122.3	40- 45	49.28	281.8	55.6,51.5
50	112.8	121.1	124.6	121.8	114.8	108.4	104.6	107.8	45- 50	49.00	330.8	65.3,60.5
55	97.19	108.7	112.3	110.2	99.15	93.07	87.53	92.43	50- 55	46.51	377.3	74.5,69
60	79.68	91.74	100.0	93.46	80.90	73.22	70.47	72.30	55- 60	42.07	419.3	82.8,76.7
65	60.31	74.76	81.74	76.42	62.14	53.57	51.17	52.54	60- 65	35.74	455.1	89.8,83.2
70	33.26	55.53	63.44	57.47	36.62	34.30	31.86	33.46	65- 70	27.28	482.3	95.2,88.2
75	9.669	33.61	45.14	36.06	11.32	16.04	12.55	15.53	70- 75	17.04	499.4	98.6,91.3
80	0.3288	11.83	0	14.14	0.3277	0.7325	0	0.6821	75- 80	6.711	506.1	99.9,92.6
85	0.1126	0	0	0	0.0883	0	0	0	80- 85	0.4402	506.5	100,92.6
90	0.1126	0	0	0	0.0923	0	0	0	85- 90	0.0169	506.6	100,92.6
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									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25DEG
Operators:GUNES OMER
Test Date:2024-04-10

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:50.0%
Test Distance:8.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

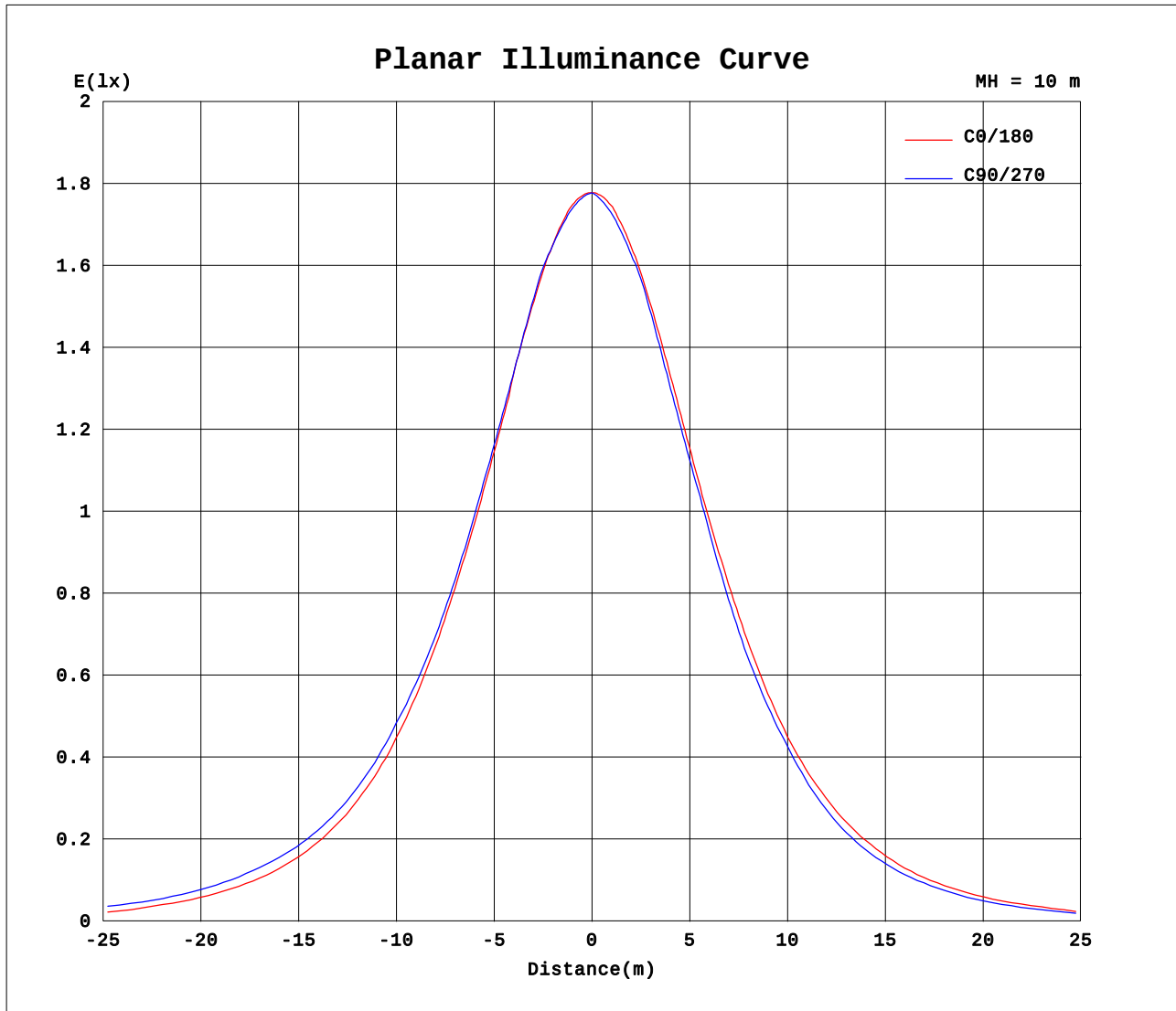
Test:U:2.300V I:0A P:0W PF:0 Lamp Flux:546.83x1 lm		
NAME: Street Light Solar 50W	TYPE:	WEIGHT:1.5
DIM.:	SPEC.:6000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25DEG
Operators:GUNES OMER
Test Date:2024-04-10

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:50.0%
Test Distance:8.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25DEG
 Operators: GUNES OMER
 Test Date: 2024-04-10

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity: 50.0%
 Test Distance: 8.500m [K=1.0000]
 Remarks:

