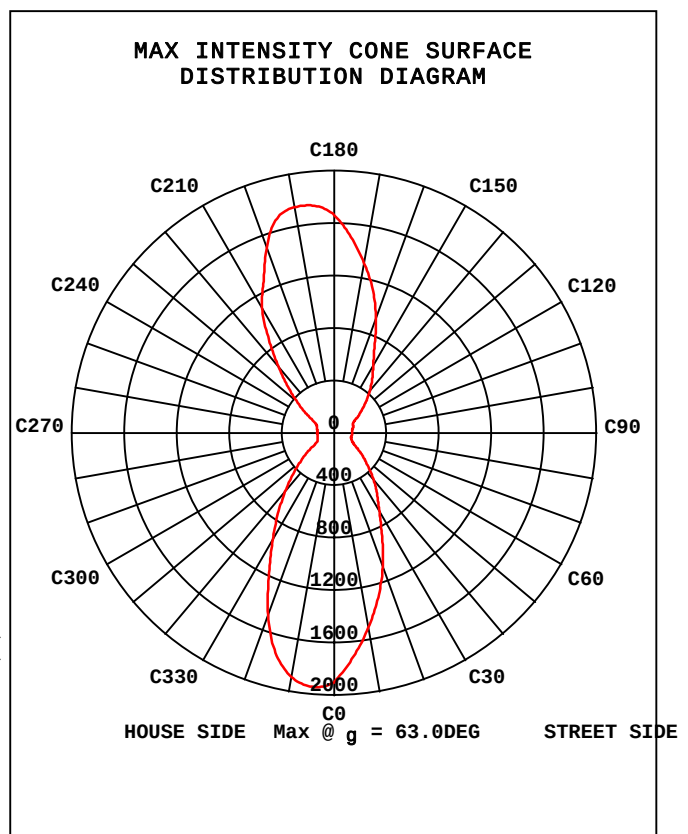
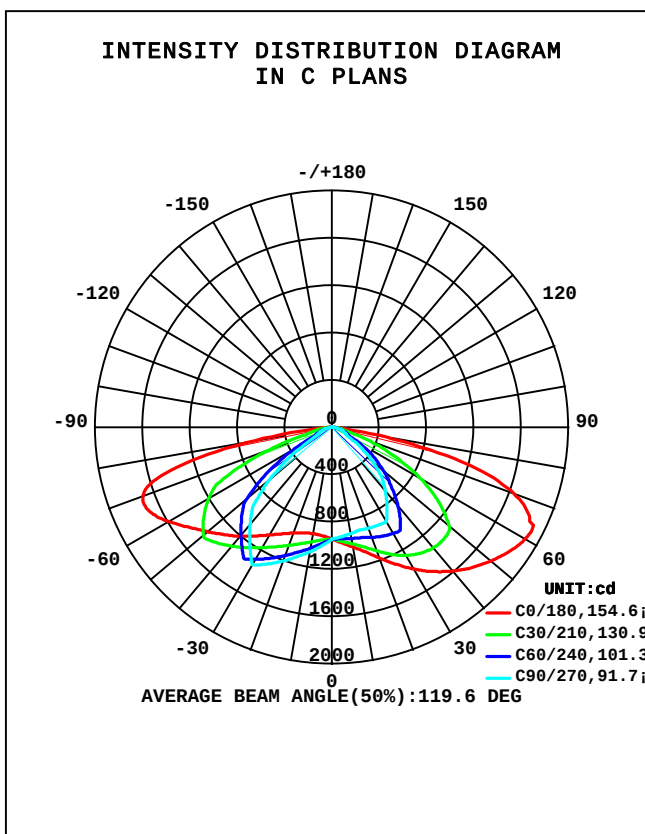


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:222.1V I:0.2850A P:31.50W PF:0.4970 Lamp Flux:4317.6x1 lm		
NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651	MODEL: Street Light Orion S 30W, 4000K, IP66 cod 22651	WPE: 100.0%
DIM.:	SPEC.:4000k	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.44 lm/W			
MODEL: 4000K, IP66 cod 22651		Imax(cd)	1943	h street_up(%)	0.0
NOMINAL POWER(W)	32	LOR(%)	98.8	h street_down(%)	43.4
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	4266	h house_up(%)	0.0
NOMINAL FLUX(lm)	4317.6	MAXIMUM @(C,g)	355,63.0	h house_down(%)	55.4
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	222.1	h down(%)	98.8	SLI	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25DEG
Operators:GUNES OMER
Test Date:2024-10-15

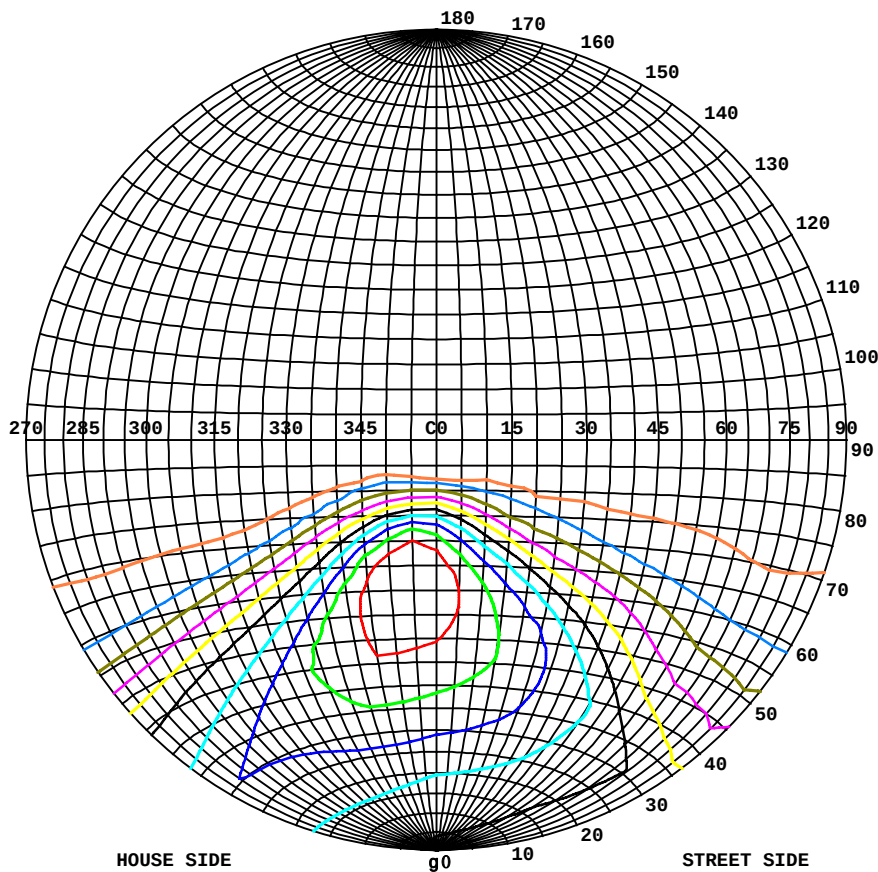
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:50.0%
Test Distance:8.500m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

C:\Users\LAB\Desktop\LED IES\STREET\ORION\STREET ORION 30W 4000K\DATA2.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:222.1V I:0.2850A P:31.50W PF:0.4970 Lamp Flux:4317.6x1 lm		
NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651	TYPE: Street Light Orion S 30W, 4000K, IP66 cod 22651	Wavelength: 4000K
DIM.:	SPEC.: 4000k	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

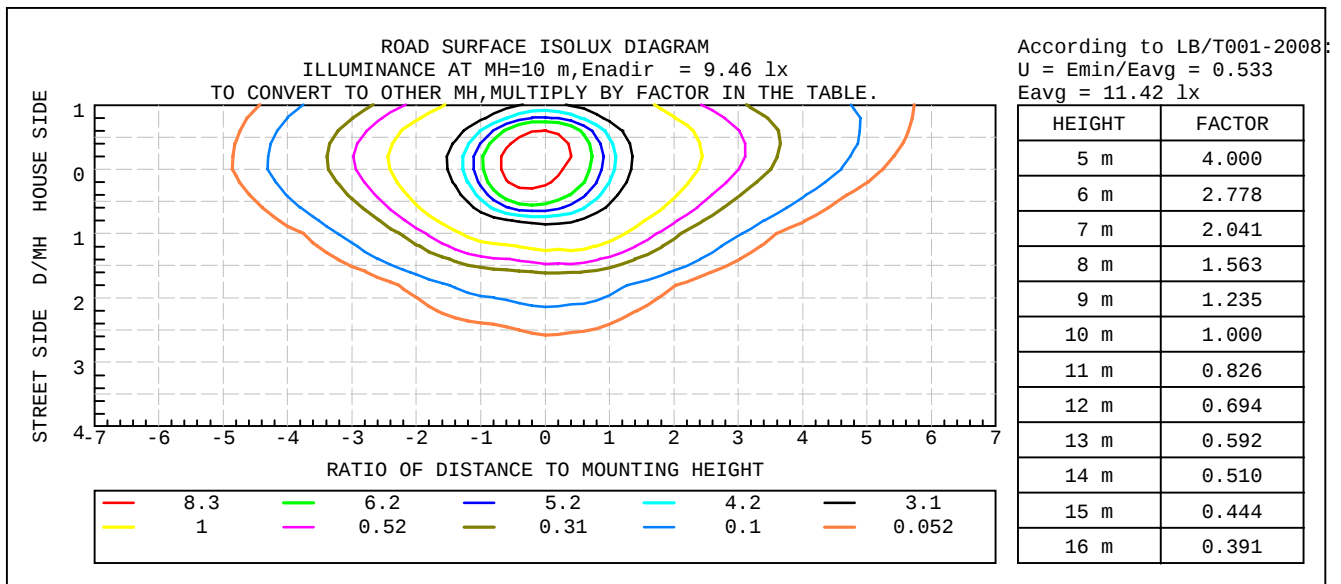
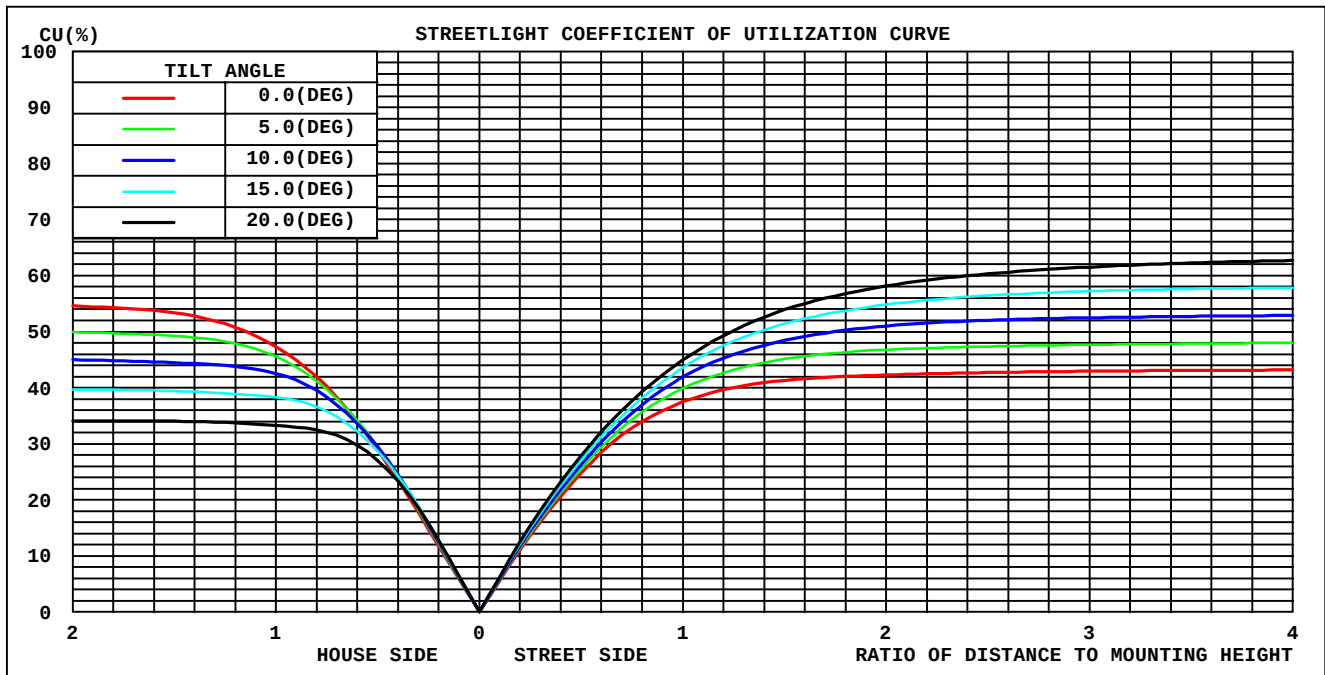
IES: Type V - Short
 CIE: Narrow - Intermediate
 IES: None cut-off
 CIE: Non-cut-off
 Max. At 80: 260.0cd/klm
 Max. At 90: 6.005cd/klm
 Max. 80-90: 260.0cd/klm
 NRB 5101: Non limited [38.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1943
90%	1749
80%	1554
70%	1360
60%	1166
50%	972
40%	777
30%	583
20%	389
10%	194
5%	97

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25DEG
 Operators: GUNES OMER
 Test Date: 2024-10-15

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: 2024-10-15

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:222.1V I:0.2850A P:31.50W PF:0.4970 Lamp Flux:4317.6x1 lm		
NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651	TYPE: Street Light Orion S 30W, 4000K, IP66 cod 22651	Wavelength: 4000K, 2P66 cod 22651
DIM.:	SPEC.:4000k	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

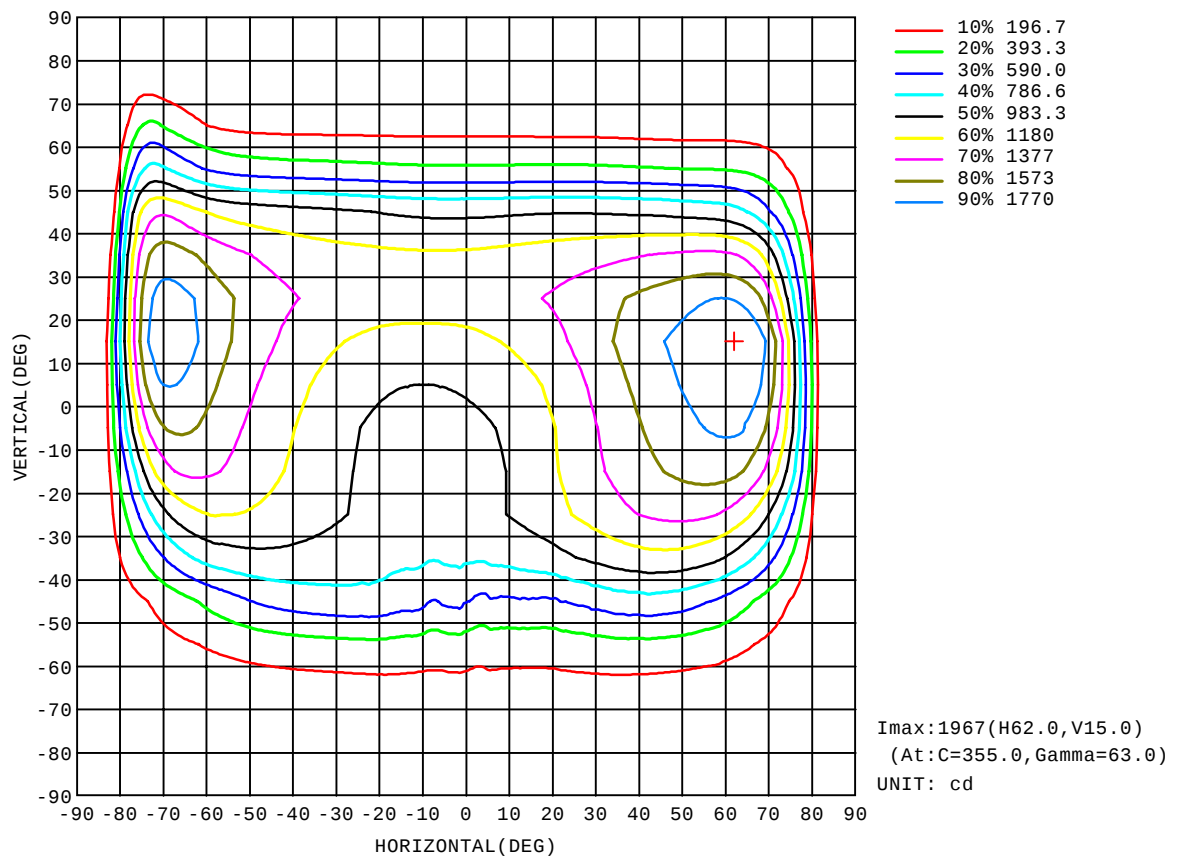
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	981.2	959.2	931.1	918.3	922.5	973.9	1008	1012	0- 5	22.89	22.89	0.54,0.53
10	1029	980.0	916.3	900.2	915.3	1013	1070	1082	5- 10	69.96	92.85	2.18,2.15
15	1091	1010	901.6	891.0	924.4	1061	1132	1156	10- 15	119.5	212.3	4.98,4.92
20	1175	1052	909.4	891.7	952.0	1111	1203	1234	15- 20	172.5	384.9	9.02,8.91
25	1277	1098	917.2	910.9	995.4	1171	1275	1312	20- 25	230.2	615.1	14.4,14.2
30	1385	1138	925.0	933.6	1052	1237	1346	1384	25- 30	291.7	906.8	21.3,21
35	1489	1166	816.5	955.1	1123	1306	1212	1443	30- 35	350.6	1257	29.5,29.1
40	1588	1160	708.0	962.4	1205	1346	1078	1458	35- 40	395.1	1652	38.7,38.3
45	1678	1023	599.5	897.9	1286	1245	943.3	1313	40- 45	426.2	2079	48.7,48.1
50	1759	864.2	452.0	809.5	1375	1141	678.8	1143	45- 50	439.8	2518	59,58.3
55	1832	685.8	304.4	689.9	1478	1017	414.3	942.5	50- 55	427.3	2946	69,68.2
60	1888	500.6	156.9	478.1	1595	703.5	149.9	637.8	55- 60	388.6	3334	78.2,77.2
65	1846	286.5	129.9	259.4	1696	364.2	120.5	316.5	60- 65	330.0	3664	85.9,84.9
70	1635	143.3	103.0	118.1	1700	143.3	91.11	112.5	65- 70	267.1	3931	92.2,91.1
75	1141	102.1	76.01	81.22	1407	90.86	61.72	73.76	70- 75	193.5	4125	96.7,95.5
80	400.9	53.51	0	39.95	662.4	34.36	0	32.10	75- 80	107.5	4232	99.2,98
85	14.82	0	0	0	23.27	0	0	0	80- 85	31.53	4264	99.9,98.8
90	3.794	0	0	0	25.93	0	0	0	85- 90	2.375	4266	100,98.8
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:2024-10-15

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

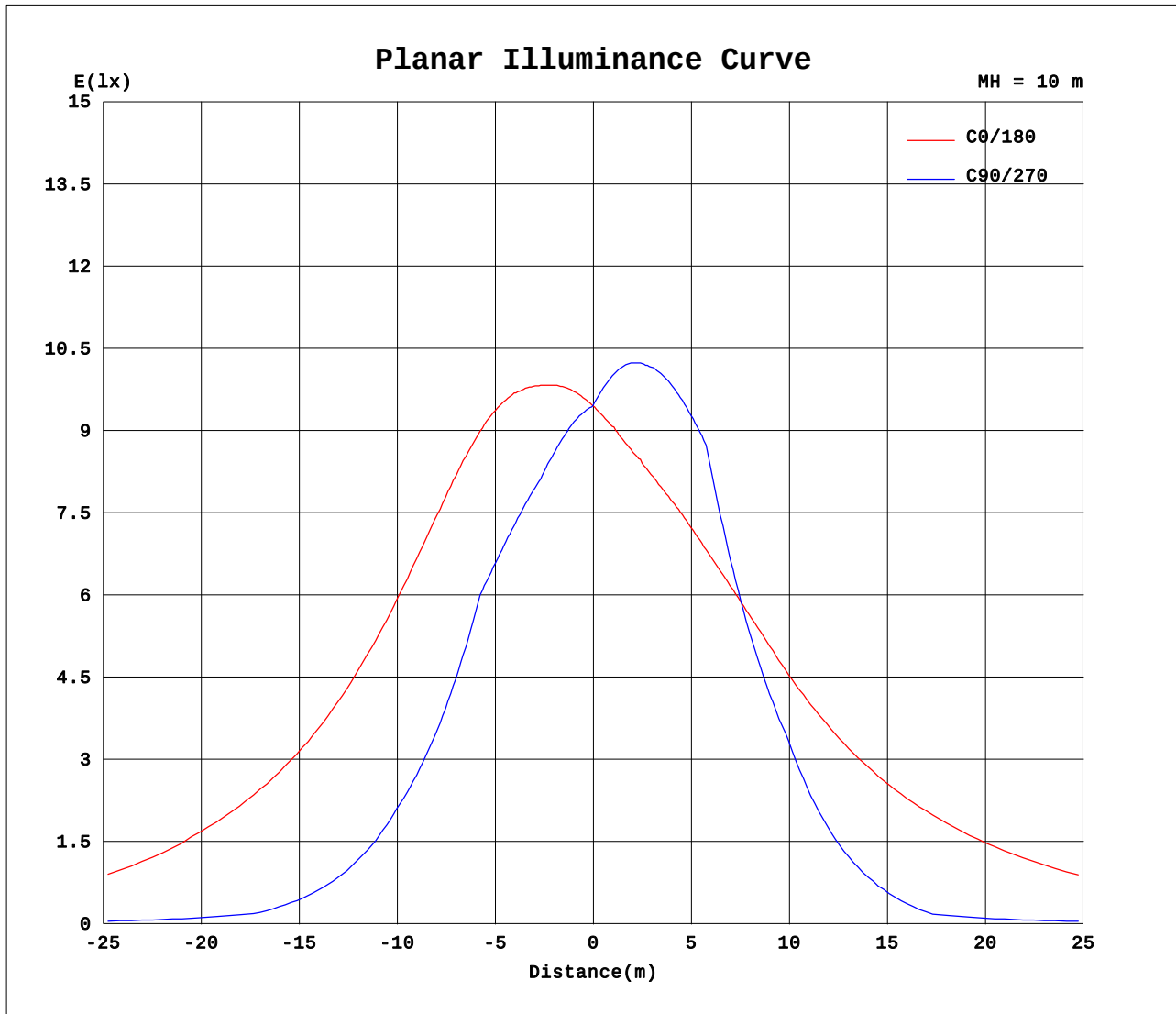
Test:U:222.1V I:0.2850A P:31.50W PF:0.4970 Lamp Flux:4317.6x1 lm		
NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651	NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651	NAME: Street Light Orion S 30W, 4000K, IP66 cod 22651
DIM.:	SPEC.:4000k	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25DEG
Operators:GUNES OMER
Test Date:2024-10-15

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: 2024-10-15

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:

