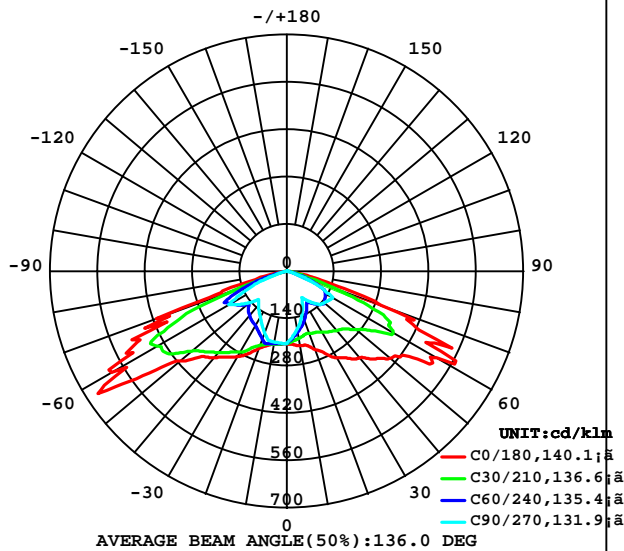


STREETLIGHT PHOTOMETRIC TEST REPORT

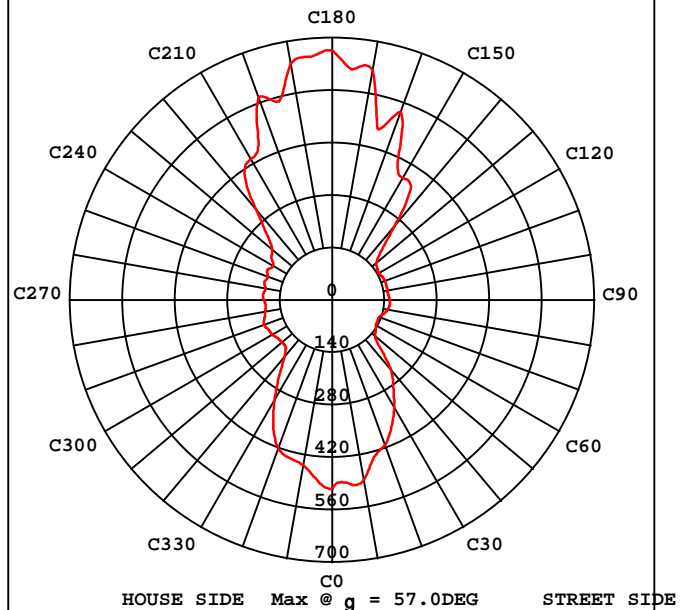
Test:U:221.5V I:0.1300A P:28.20W PF:0.9740 Lamp Flux:4372.96x1 lm		
NAME: LEAF RANGE	TYPE:30W	WEIGHT:1.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.55 lm/W			
MODEL: LEAF	RANGE 30W, 4000K	Imax(cd/klm)	666.0	h street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	101.0	h street_down(%)	47.0
RATED VOLTAGE(V)	222	TOTAL FLUX(lm/klm)	1010	h house_up(%)	0.0
NOMINAL FLUX(lm)	4372.96	MAXIMUM @(C,g)	180,57.0	h house_down(%)	54.0
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.5	h down(%)	101.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:ROMAN
Test Date:2019-03-21

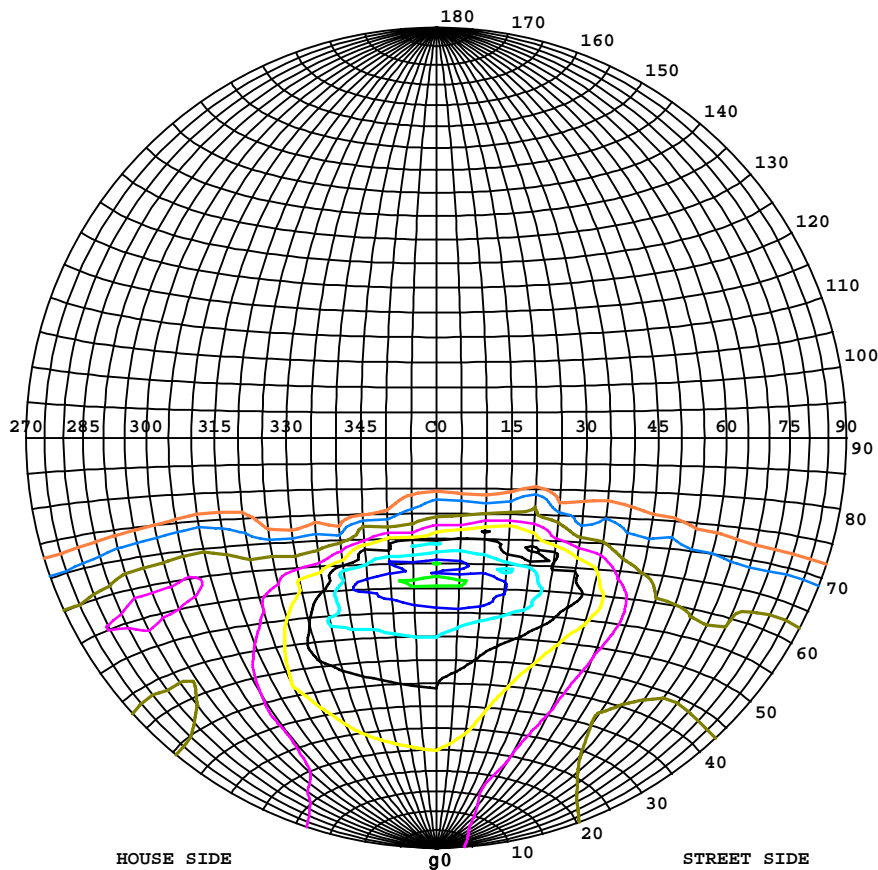
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

C:\Users\LAB\Desktop\LED\HIGH BAY\STREET\LEAF\STREET LEAF 30W 4000K.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.5V I:0.1300A P:28.20W PF:0.9740 Lamp Flux:4372.96x1 lm		
NAME: LEAF RANGE	TYPE:30W	WEIGHT:1.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



Classification:

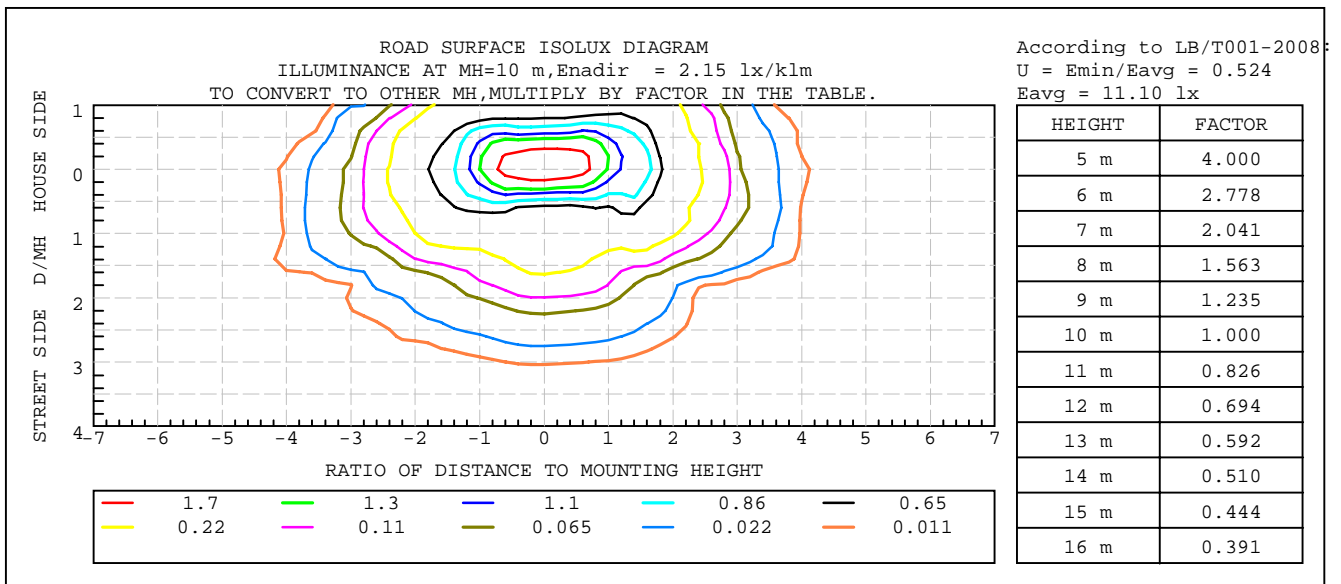
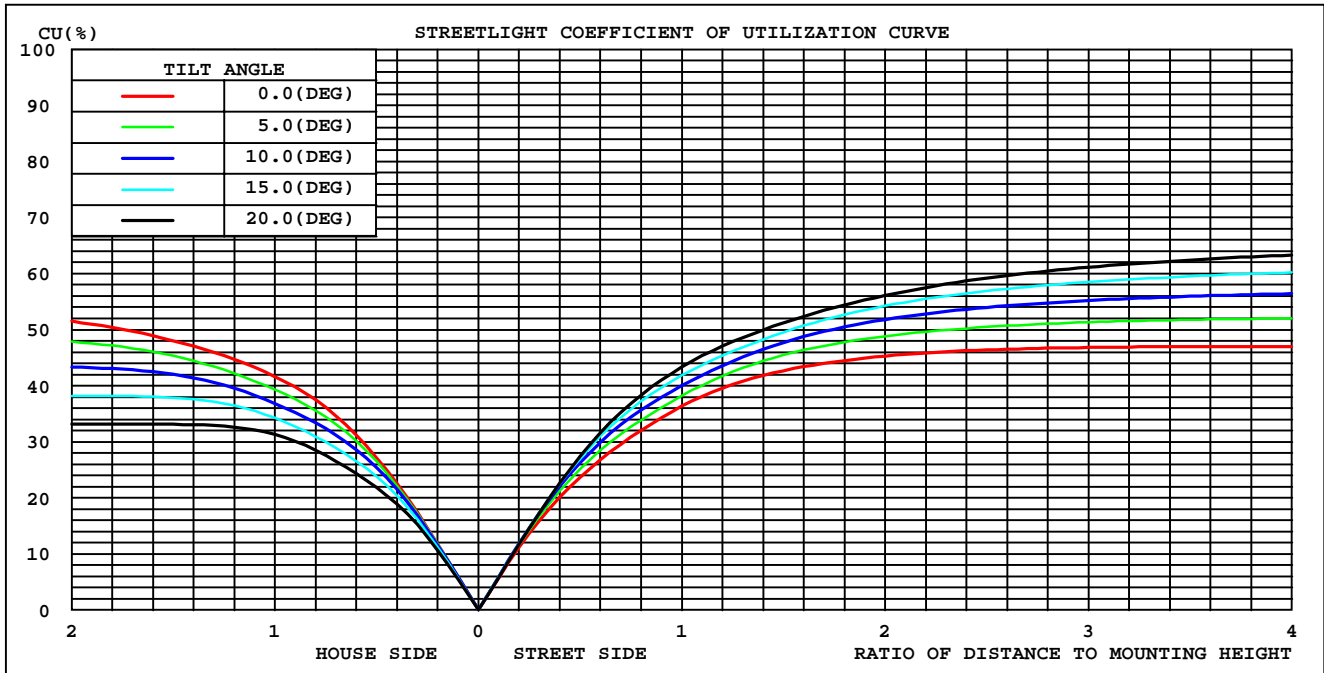
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:42.55cd/klm
 Max.At90:1.022cd/klm
 Max.80-90:42.55cd/klm
 NRB 5101:Semi limited[13.7%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
I _{max} =100%	666
90%	599
80%	533
70%	466
60%	400
50%	333
40%	266
30%	200
20%	133
10%	67
5%	33

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 Operators:ROMAN
 Test Date:2019-03-21

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: 22DEG
 Operators: ROMAN
 Test Date: 2019-03-21

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:0.1300A P:28.20W PF:0.9740 Lamp Flux:4372.96x1 lm		
NAME: LEAF RANGE	TYPE:30W	WEIGHT:1.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

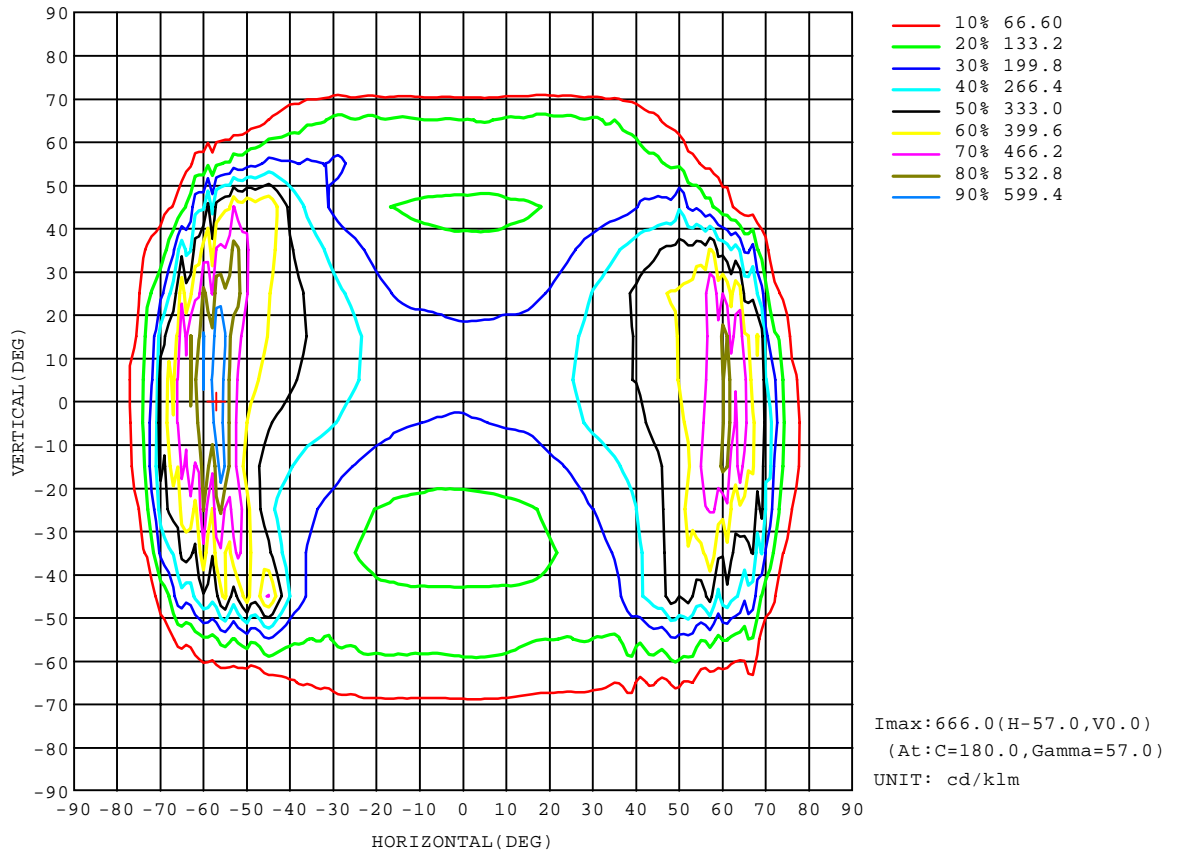
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	\$lum,lamp
5	218.3	203.8	195.7	201.8	217.1	215.8	214.1	216.5	0- 5	5.060	5.060	0.50,0.51
10	224.0	193.1	176.5	189.4	219.8	220.1	213.2	218.3	5- 10	14.88	19.94	1.97,1.99
15	227.5	183.1	157.2	178.3	228.4	222.7	212.3	221.1	10- 15	24.23	44.17	4.38,4.42
20	247.2	172.9	134.8	167.5	243.6	226.7	194.1	221.2	15- 20	33.11	77.28	7.66,7.73
25	267.7	164.0	112.5	159.0	269.2	224.4	175.8	217.2	20- 25	41.50	118.8	11.8,11.9
30	296.5	157.8	90.16	147.1	292.0	228.5	157.5	216.0	25- 30	49.81	168.6	16.7,16.9
35	314.2	152.6	106.8	137.9	310.5	242.3	144.6	221.2	30- 35	58.55	227.1	22.5,22.7
40	334.2	159.0	123.4	135.7	334.5	250.5	131.6	229.7	35- 40	69.01	296.2	29.3,29.6
45	368.2	173.4	140.1	157.3	358.0	245.0	118.7	224.8	40- 45	80.51	376.7	37.3,37.7
50	400.4	178.7	146.0	175.0	412.4	245.8	145.5	205.4	45- 50	93.70	470.4	46.6,47
55	441.8	184.1	151.8	190.0	569.5	247.5	172.3	174.1	50- 55	111.9	582.3	57.7,58.2
60	512.9	181.8	157.7	174.6	599.0	233.6	199.1	178.4	55- 60	135.6	717.9	71.1,71.8
65	540.4	133.6	106.0	127.7	479.1	188.7	134.7	167.4	60- 65	134.0	851.9	84.4,85.2
70	296.5	72.90	54.23	62.90	411.1	107.0	70.21	109.4	65- 70	98.43	950.3	94.1,95
75	106.5	42.75	2.489	28.29	96.91	46.25	5.743	47.78	70- 75	47.16	997.5	98.8,99.7
80	22.14	1.813	0	2.542	6.728	2.594	0	2.550	75- 80	10.83	1008	99.9,101
85	2.794	0	0	0	2.054	0	0	0	80- 85	1.099	1009	100,101
90	1.022	0	0	0	0.9926	0	0	0	85- 90	0.1610	1010	100,101
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:22DEG
Operators:ROMAN
Test Date:2019-03-21

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

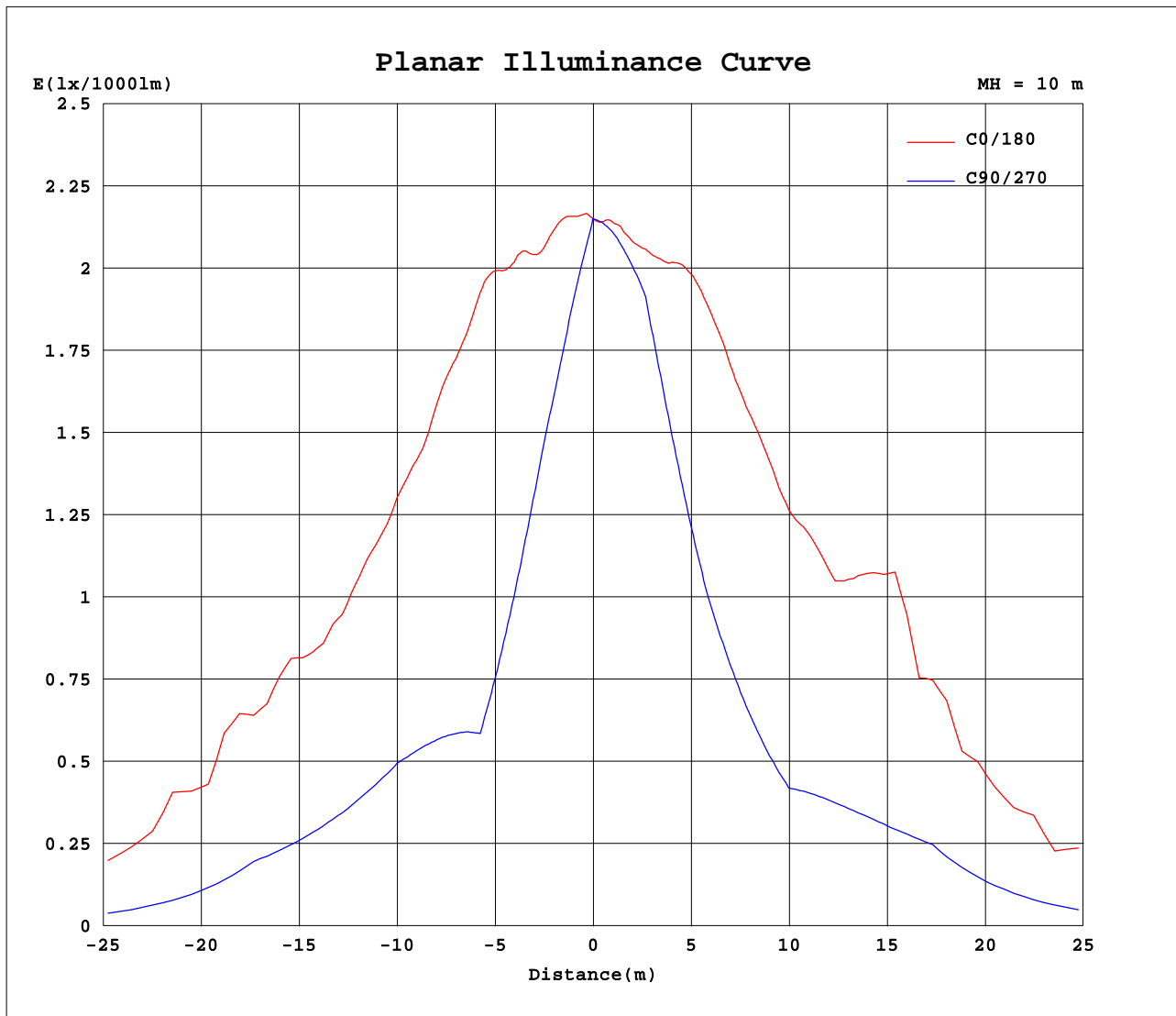
Test:U:221.5V I:0.1300A P:28.20W PF:0.9740 Lamp Flux:4372.96x1 lm		
NAME: LEAF RANGE	TYPE:30W	WEIGHT:1.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:ROMAN
Test Date:2019-03-21

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: 22DEG
Operators: ROMAN
Test Date: 2019-03-21

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.5V I:0.1300A P:28.20W PF:0.9740 Lamp Flux:4372.96x1 lm		
NAME: LEAF RANGE	TYPE:30W	WEIGHT:1.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd/klm

C(DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
g (DEC)	0	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215
5	196	196	196	196	197	198	199	200	202	203	205	207	208	210	212	214	215	217	217
10	176	177	177	179	180	182	184	186	189	193	196	199	202	206	209	213	216	220	220
15	157	157	159	160	162	166	170	174	178	183	188	193	199	205	211	217	223	228	228
20	135	136	137	140	144	150	155	161	167	174	183	193	201	210	219	227	236	244	243
25	113	114	116	121	126	131	138	146	159	170	181	192	205	219	232	245	258	269	270
30	90.4	92.0	95.6	101	106	113	123	135	147	162	178	195	213	231	248	263	278	292	293
35	106	106	106	104	104	105	107	121	138	158	180	202	223	241	259	277	294	310	314
40	123	122	122	120	120	120	123	127	136	160	185	209	230	249	272	295	315	335	340
45	140	139	137	135	134	135	138	144	157	174	194	219	244	267	288	314	338	358	369
50	145	144	143	144	144	148	151	158	175	196	221	238	268	316	343	364	394	412	423
55	150	148	148	149	147	147	150	159	190	233	302	357	371	437	487	516	564	569	569
60	154	153	154	153	150	140	138	145	175	268	465	376	462	398	529	498	575	599	585
65	104	106	111	118	124	121	110	111	128	210	235	321	410	343	422	473	476	479	488
70	53.6	55.5	59.7	65.1	69.9	73.0	69.5	73.5	62.9	47.6	93.8	174	224	285	336	341	341	411	323
75	3.01	4.78	8.11	12.6	17.2	22.8	26.5	30.3	28.3	18.8	28.4	30.4	61.7	133	119	126	108	96.9	94.3
80	0.02	0.08	0.21	0.45	0.67	1.12	1.55	2.05	2.54	2.74	7.00	8.42	3.32	3.14	13.1	5.25	6.47	6.73	23.3
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.19	1.57	1.64	2.11	2.05	2.87
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:ROMAN
Test Date:2019-03-21

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:

