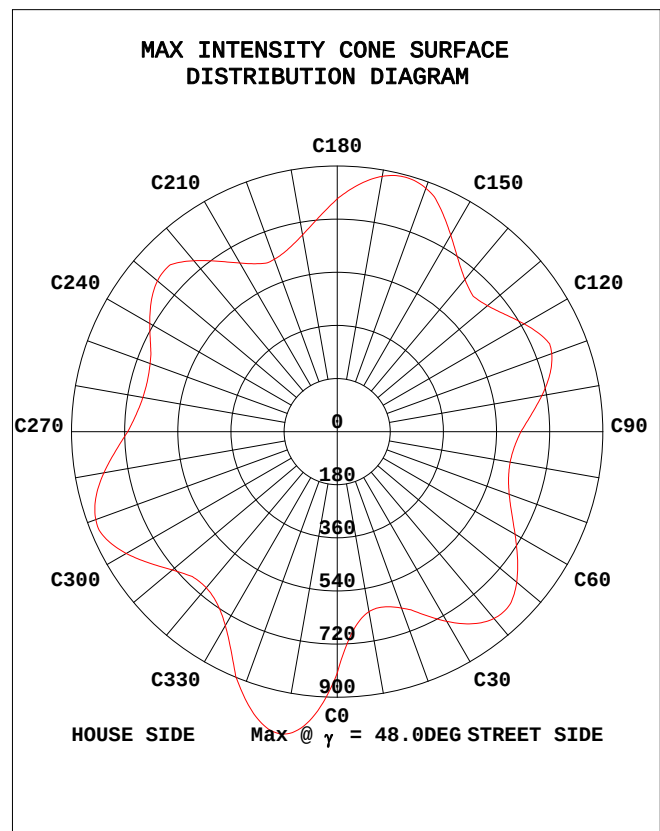
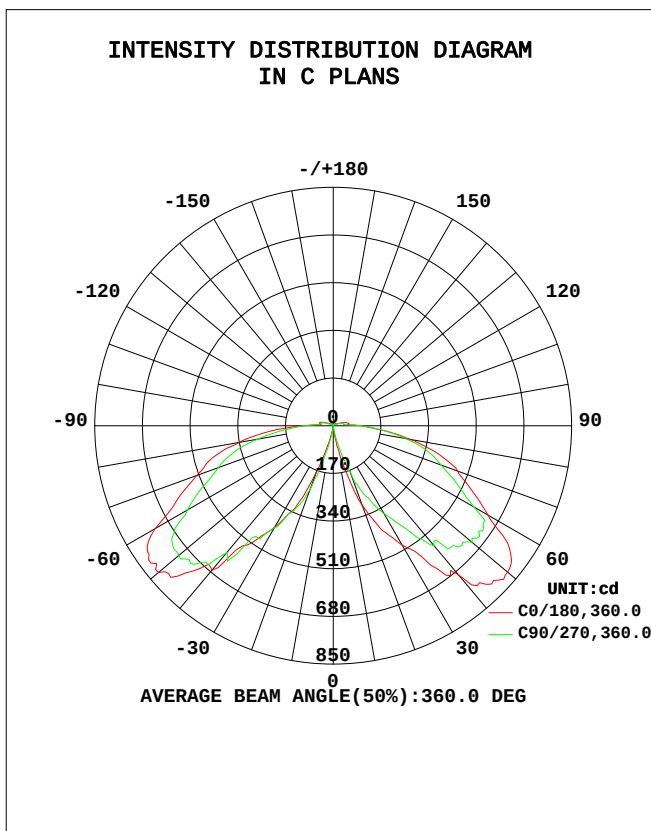


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.93 lm/W			
MODEL		I _{max} (cd)	898.3	η street_up(%)	2.8
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	46.4
RATED VOLTAGE(V)		TOTAL FLUX(lm)	3023	η house_up(%)	2.9
NOMINAL FLUX(lm)	3022.59	MAXIMUM @(C,γ)	338,48.0	η house_down(%)	47.8
LAMPS INSIDE	1	η up(%)	5.7	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	94.3	SLI	20.906



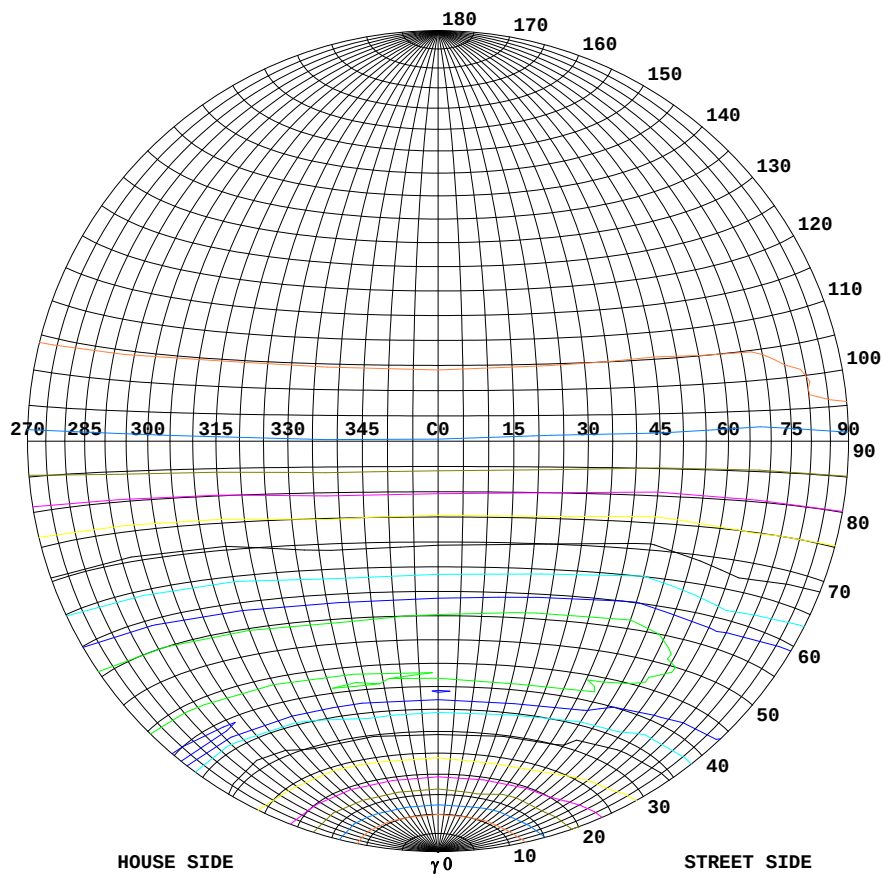
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LY
 Test Date: 2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:



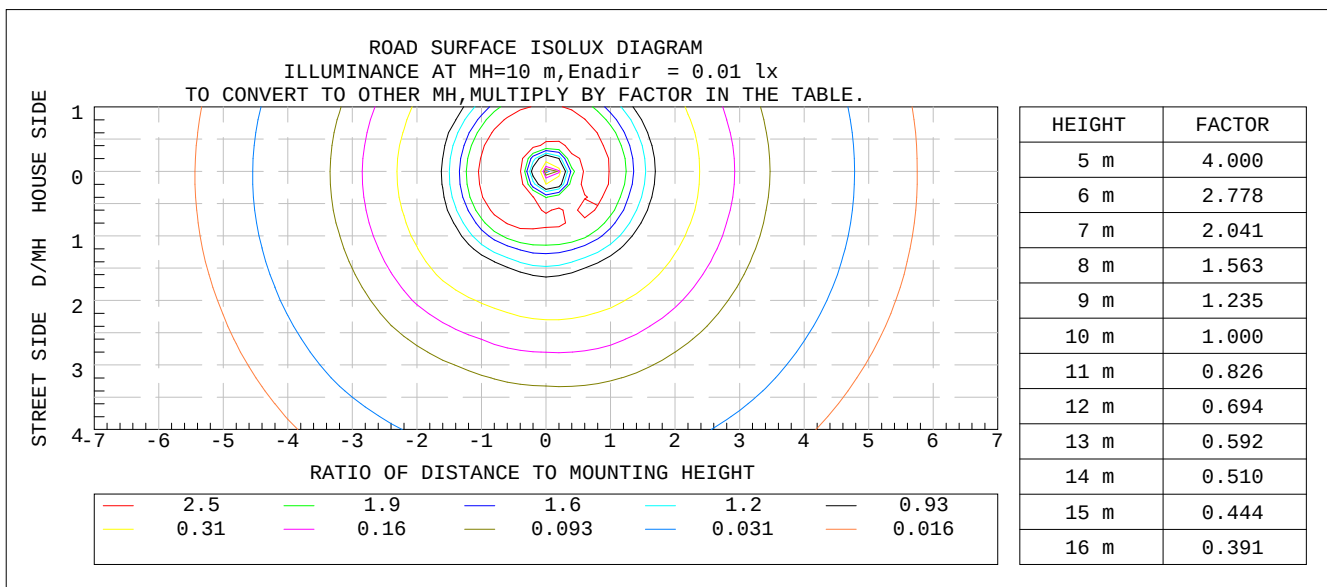
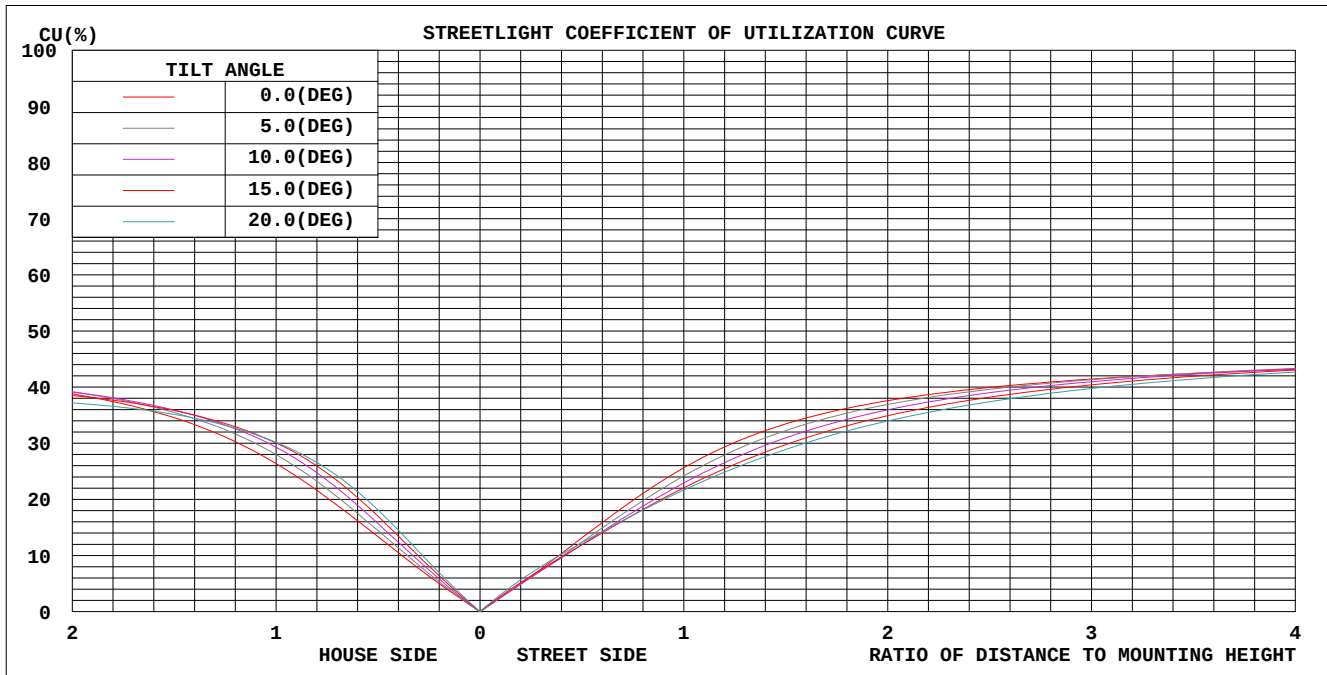
Classification:

IES:Type V - Short
 CIE:Average - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:128.2cd/klm
 Max.At90:48.66cd/klm
 Max.80-90:128.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	898
90%	808
80%	719
70%	629
60%	539
50%	449
40%	359
30%	269
20%	180
10%	90
5%	45

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

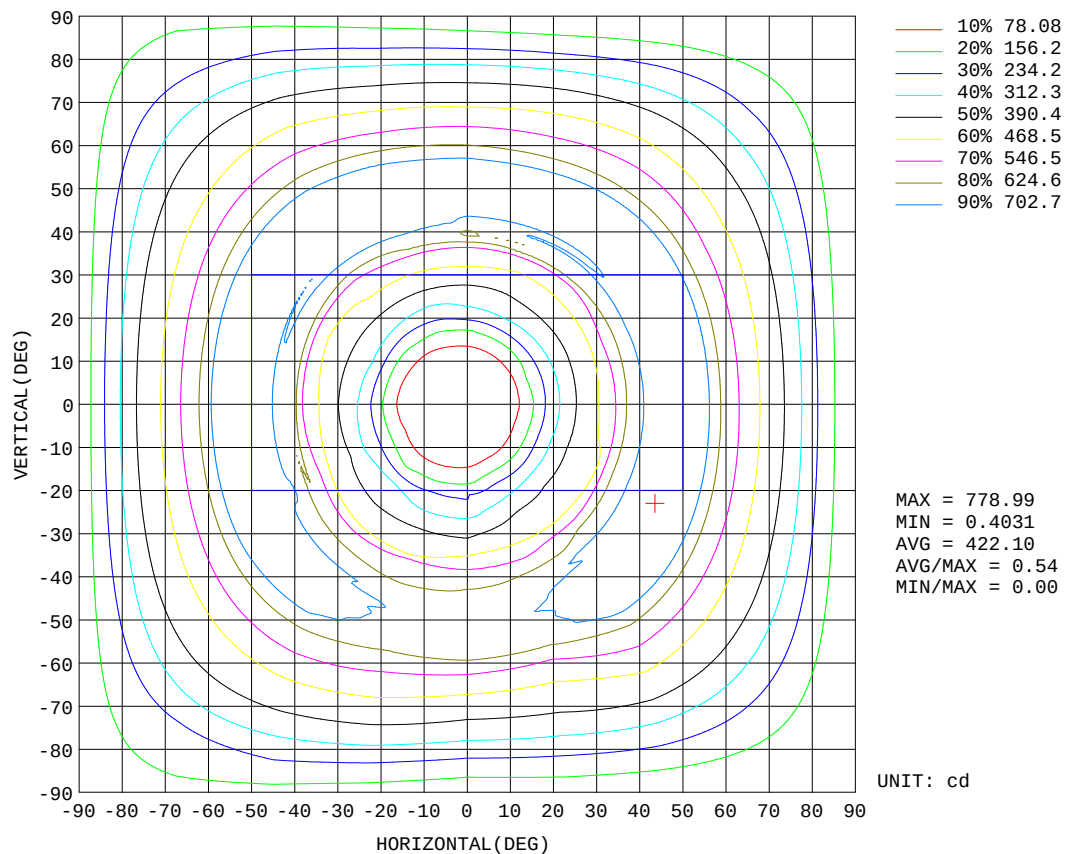
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	47.94	43.80	19.81	6.154	6.744	13.38	26.29	33.98	0- 10	0.8081	0.8081	0.03,0.03
20	301.0	307.8	172.0	137.7	172.9	212.6	243.3	256.3	10- 20	34.77	35.57	1.18,1.18
30	491.5	489.2	361.8	331.3	417.1	449.9	419.5	414.1	20- 30	157.2	192.8	6.38,6.38
40	692.5	698.3	559.5	555.9	671.8	689.1	589.9	631.6	30- 40	325.7	518.4	17.2,17.2
50	811.2	825.4	646.5	682.1	813.3	830.9	717.6	687.1	40- 50	546.2	1065	35.2,35.2
60	636.6	688.2	579.6	593.4	732.1	720.8	599.6	549.0	50- 60	636.1	1701	56.3,56.3
70	471.5	502.0	408.0	435.7	517.6	523.6	435.6	415.1	60- 70	531.3	2232	73.8,73.8
80	276.5	308.5	260.1	299.4	340.0	355.5	272.9	248.3	70- 80	404.7	2637	87.2,87.2
90	100.7	114.7	100.1	121.8	108.6	136.1	105.3	90.39	80- 90	212.2	2849	94.3,94.3
100	53.61	57.37	38.82	46.91	48.46	50.49	47.14	47.73	90-100	74.06	2923	96.7,96.7
110	30.98	40.35	24.79	35.20	35.27	46.07	28.38	31.04	100-110	46.87	2970	98.3,98.3
120	14.11	16.59	11.72	13.97	13.96	16.93	12.43	13.70	110-120	22.74	2993	99,99
130	12.69	15.15	9.902	12.20	11.85	15.49	11.25	12.69	120-130	11.89	3004	99.4,99.4
140	9.046	11.74	7.796	10.05	9.197	12.87	8.543	9.963	130-140	8.888	3013	99.7,99.7
150	6.509	8.263	5.585	6.897	6.357	9.101	6.262	6.821	140-150	5.316	3019	99.9,99.9
160	4.214	5.218	3.985	4.527	5.098	5.659	3.894	4.192	150-160	2.587	3021	100,100
170	2.811	2.817	2.851	2.813	3.613	3.275	2.716	2.254	160-170	1.098	3022	100,100
180	0.9846	0.9270	0.8577	0.8721	1.081	1.010	0.8286	0.7891	170-180	0.2067	3023	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

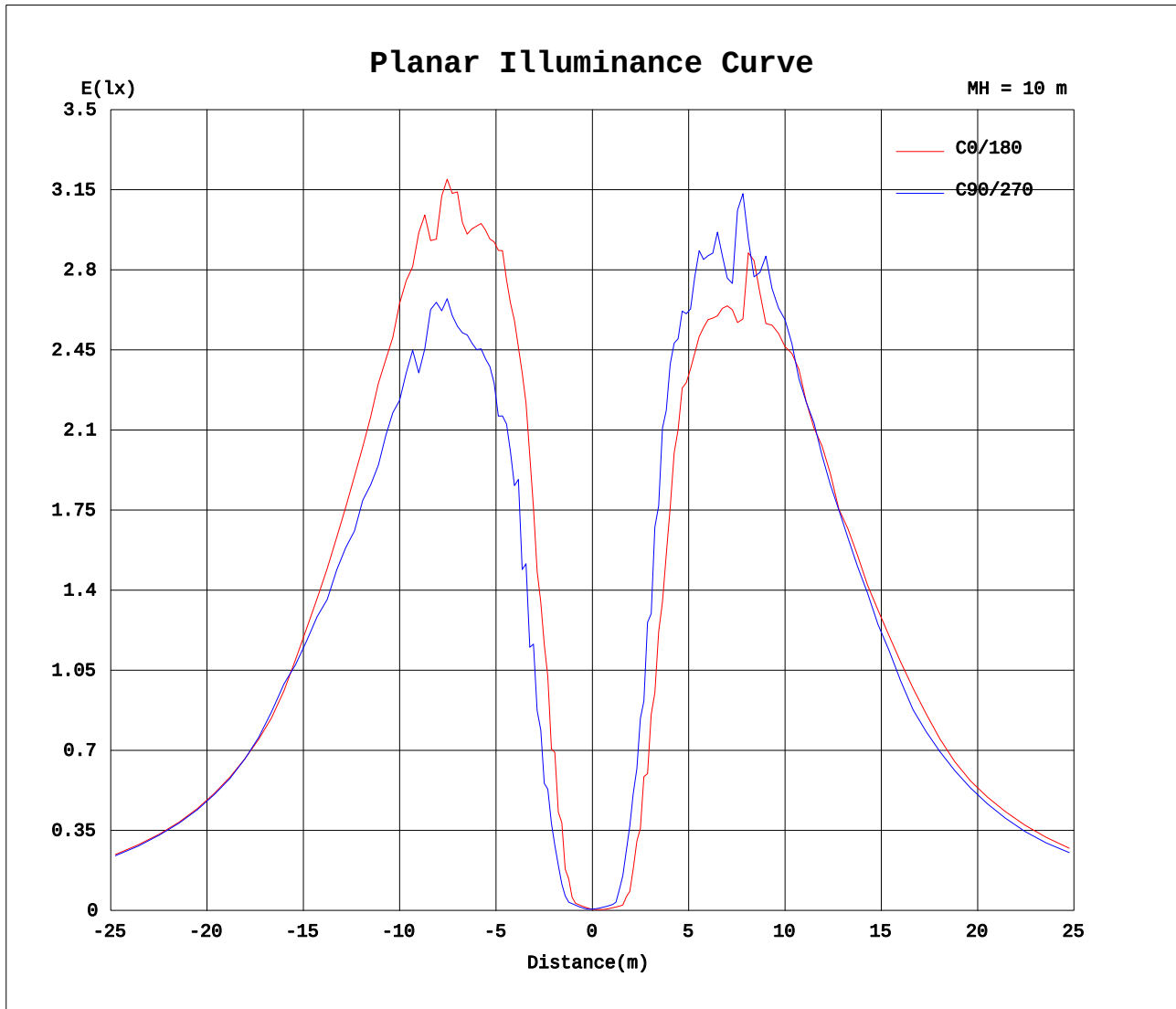
Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]
Remarks:

Planar Illuminance Curve



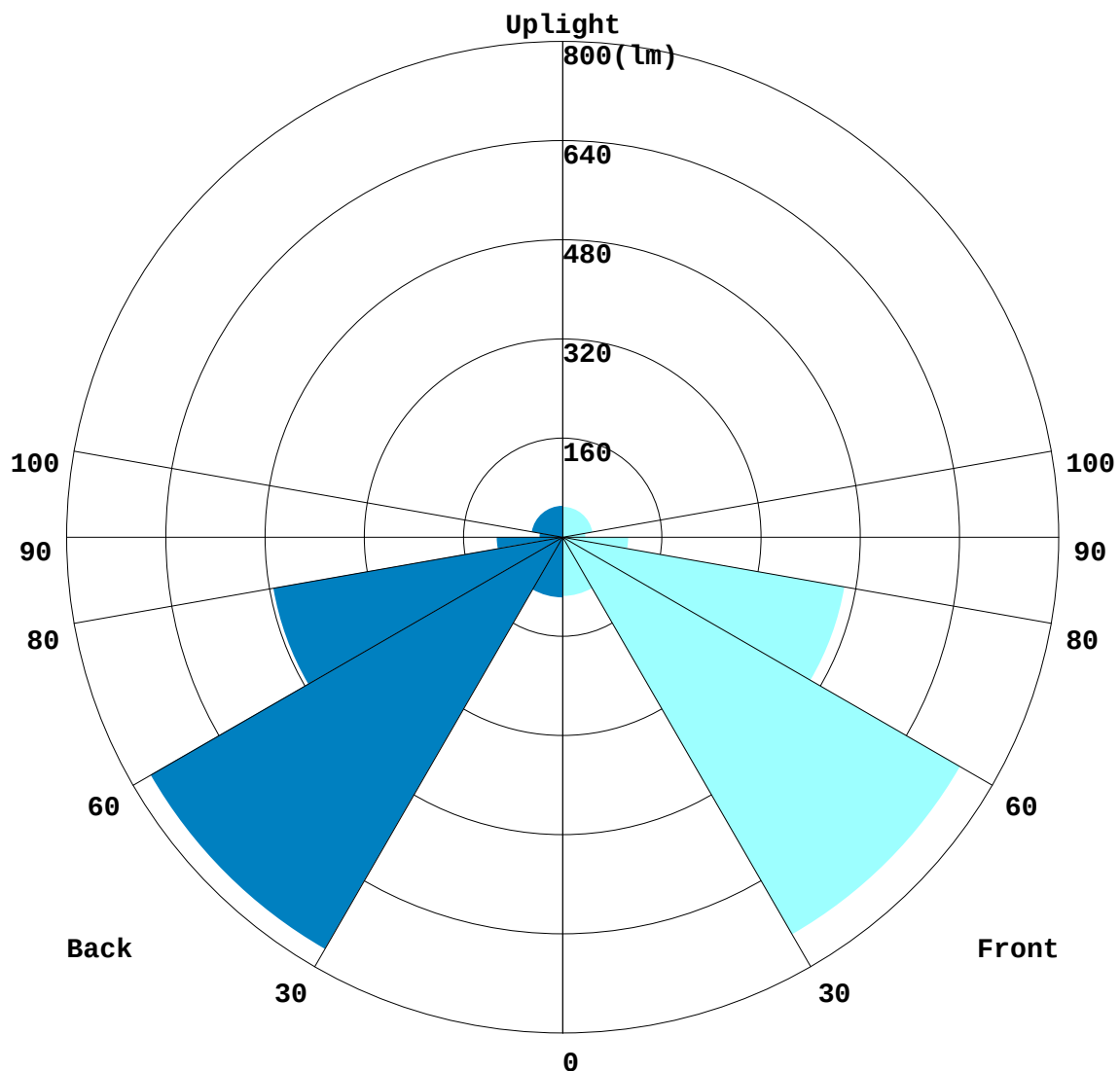
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]
Remarks:

LCS REPORT

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

BUG REPORT

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	95.249	3.2
FM - Front-Medium(30-60)	740.53	24.5
FH - Front-High(60-80)	461.99	15.3
FVH - Front-Very High(80-90)	105.97	3.5
Total Forward Light	1489.7	49.3

BL - Back-Low(0-30)	97.531	3.2
BM - Back-Medium(30-60)	767.41	25.4
BH - Back-High(60-80)	474.02	15.7
BVH - Back-Very High(80-90)	106.25	3.5
Total Back Light	1532.8	50.7

UL - Uplight-Low(90-100)	74.055	2.5
UH - Uplight-High(100-180)	99.582	3.3
Total Up Light	173.64	5.7

BUG(Back,Up,Glare) Rating	B1-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1445.2	87.638	1532.8
Street Side	1403.7	86	1489.7

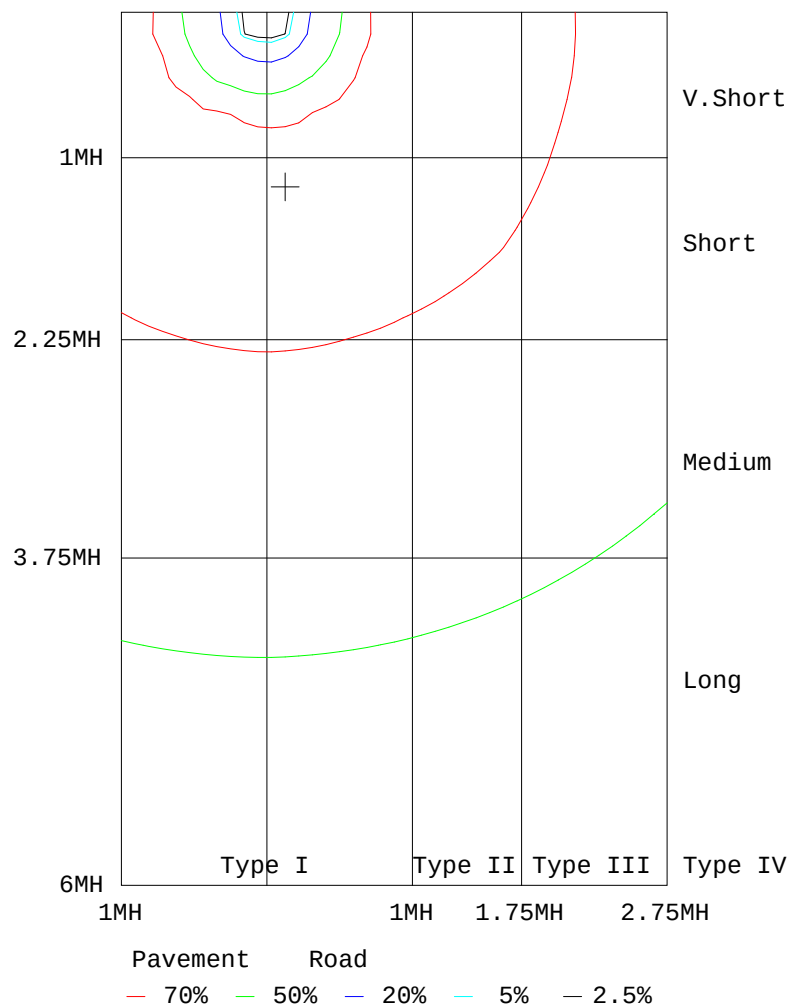
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm		
NAME: 圆形 12W-22W 5K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LY
 Test Date: 2020-07-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:121.6V I:0.1790A P:21.60W PF:0.9900 Lamp Flux:3022.59x1 lm																	
NAME: 圆形 12W-22W 5K 草坪灯样品									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:0.13*0.16						Shielding Angle:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61			
5	3.49	2.82	3.53	2.78	2.33	2.09	1.01	1.16	0.99	0.76	1.48	1.51	2.13	2.83	2.61	3.49			
10	47.9	38.7	43.8	27.0	19.8	14.0	6.15	10.21	6.74	6.65	13.4	14.9	26.3	36.0	34.0	54.1			
15	159	122	139	115	83.9	83.2	53.0	84.8	69.1	54.8	81.4	82.1	97.3	140	128	192			
20	301	245	308	239	172	212	138	205	173	159	213	191	243	317	256	342			
25	412	326	410	313	278	331	294	358	326	274	355	301	337	425	342	459			
30	491	378	489	379	362	425	331	472	417	338	450	385	419	489	414	540			
35	607	477	560	474	445	511	394	556	511	388	528	460	481	595	474	688			
40	692	548	698	551	559	642	556	742	672	533	689	624	590	772	632	824			
45	798	643	811	608	604	753	622	837	741	584	769	664	699	850	666	885			
50	811	650	825	645	647	804	682	885	813	638	831	698	718	875	687	891			
55	768	616	810	618	652	766	668	872	802	633	822	686	704	827	650	842			
60	637	514	688	519	580	690	593	799	732	567	721	582	600	699	549	706			
65	545	435	589	442	485	615	508	668	609	475	617	497	512	605	476	601			
70	471	375	502	382	408	533	436	568	518	401	524	422	436	526	415	516			
75	389	307	414	327	348	459	381	499	449	350	451	357	367	436	340	422			
80	277	225	308	251	260	359	299	387	340	271	355	272	273	320	248	303			
85	171	141	198	167	173	242	208	243	226	182	239	183	176	195	152	190			
90	101	84.8	115	105	100	136	122	147	109	108	136	106	105	119	90.4	110			
95	51.1	47.1	63.3	56.8	45.8	78.5	68.8	63.4	49.7	60.8	78.2	57.6	51.3	69.2	51.7	62.5			
100	53.6	43.1	57.4	45.9	38.8	56.4	46.9	61.5	48.5	45.6	59.5	48.2	47.1	59.5	47.7	60.5			
105	45.4	37.1	49.5	40.6	33.7	52.0	42.8	54.6	47.1	42.0	54.0	43.5	41.7	50.0	40.4	52.3			
110	31.0	29.2	40.4	33.4	24.8	43.5	35.2	44.9	35.3	34.7	46.1	34.9	28.4	37.8	31.0	39.6			
115	16.9	16.2	23.7	21.2	15.8	28.5	23.2	31.1	21.7	22.9	29.1	21.4	15.9	21.9	17.6	22.7			
120	14.1	11.9	16.6	13.7	11.7	16.3	14.0	18.5	14.0	12.7	16.9	13.6	12.4	16.4	13.7	17.3			
125	13.3	11.3	15.8	12.1	10.6	14.0	12.3	15.7	12.6	10.9	15.1	12.2	11.5	15.5	13.2	16.3			
130	12.7	10.8	15.1	11.4	9.90	13.7	12.2	14.7	11.8	10.9	15.5	12.2	11.3	14.8	12.7	15.6			
135	11.3	9.54	13.8	10.2	8.97	12.4	11.5	13.2	10.8	10.3	14.7	11.5	10.3	12.9	11.4	13.9			
140	9.05	8.05	11.7	8.68	7.80	11.07	10.1	11.82	9.20	8.74	12.9	9.79	8.54	10.71	9.96	12.0			
145	7.73	6.83	10.00	7.49	6.83	9.77	8.57	10.18	7.58	7.20	10.84	8.41	7.21	9.06	8.40	10.25			
150	6.51	5.47	8.26	6.26	5.58	7.80	6.90	7.98	6.36	6.17	9.10	7.08	6.26	7.52	6.82	8.29			
155	4.97	4.29	6.67	5.04	4.58	5.25	4.86	5.82	5.42	4.94	7.25	5.36	4.69	5.77	5.35	6.47			
160	4.21	3.59	5.22	4.09	3.98	5.46	4.53	5.67	5.10	4.09	5.66	4.30	3.89	4.83	4.19	5.33			
165	3.66	2.93	4.13	3.34	3.48	4.55	3.91	4.72	4.31	3.48	4.48	3.48	3.31	4.11	3.27	4.20			
170	2.81	2.07	2.82	2.50	2.85	3.58	2.81	3.60	3.61	2.78	3.28	2.68	2.72	3.27	2.25	3.03			
175	1.57	1.14	1.72	1.51	1.95	2.34	1.73	2.38	2.43	1.96	2.17	1.74	1.76	2.15	1.38	1.80			
180	0.98	0.80	0.93	0.82	0.86	1.00	0.87	1.10	1.08	0.85	1.01	0.85	0.83	0.96	0.79	1.01			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-07-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks: