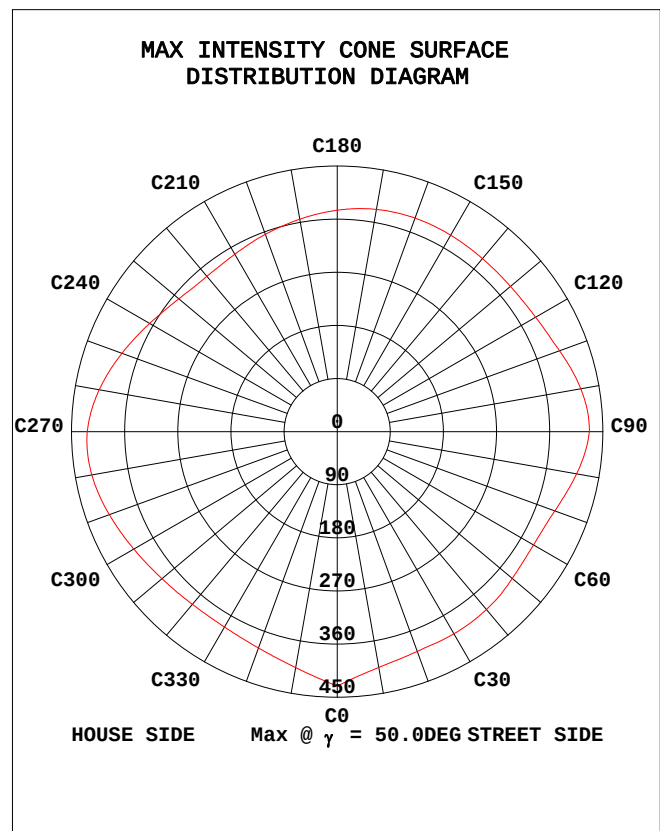
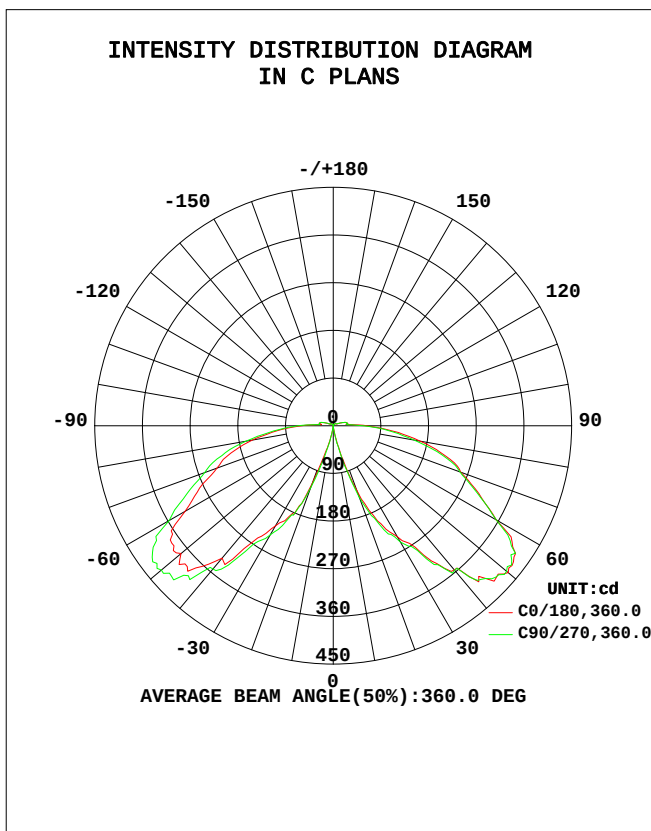


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 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: 135.40 lm/W			
MODEL		I _{max} (cd)	431.2	η street_up(%)	2.9
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	47.9
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1584	η house_up(%)	2.9
NOMINAL FLUX(lm)	1584.14	MAXIMUM @(C,γ)	0,50.0	η house_down(%)	46.3
LAMPS INSIDE	1	η up(%)	5.8	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	94.2	SLI	20.123



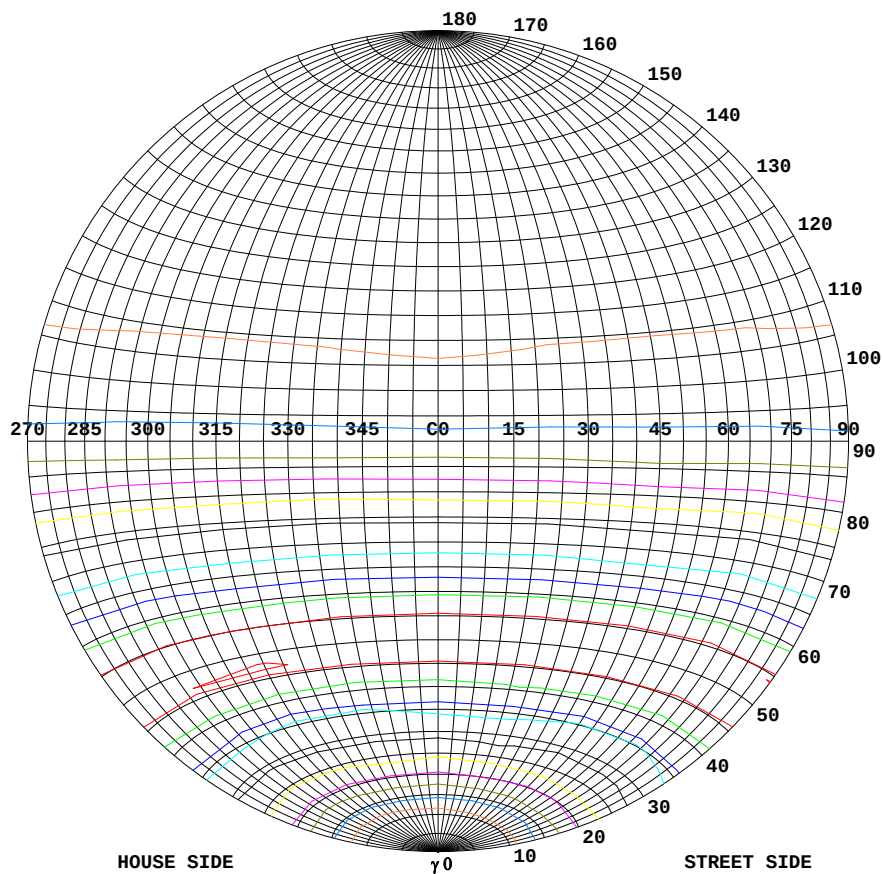
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LY
 Test Date: 2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:



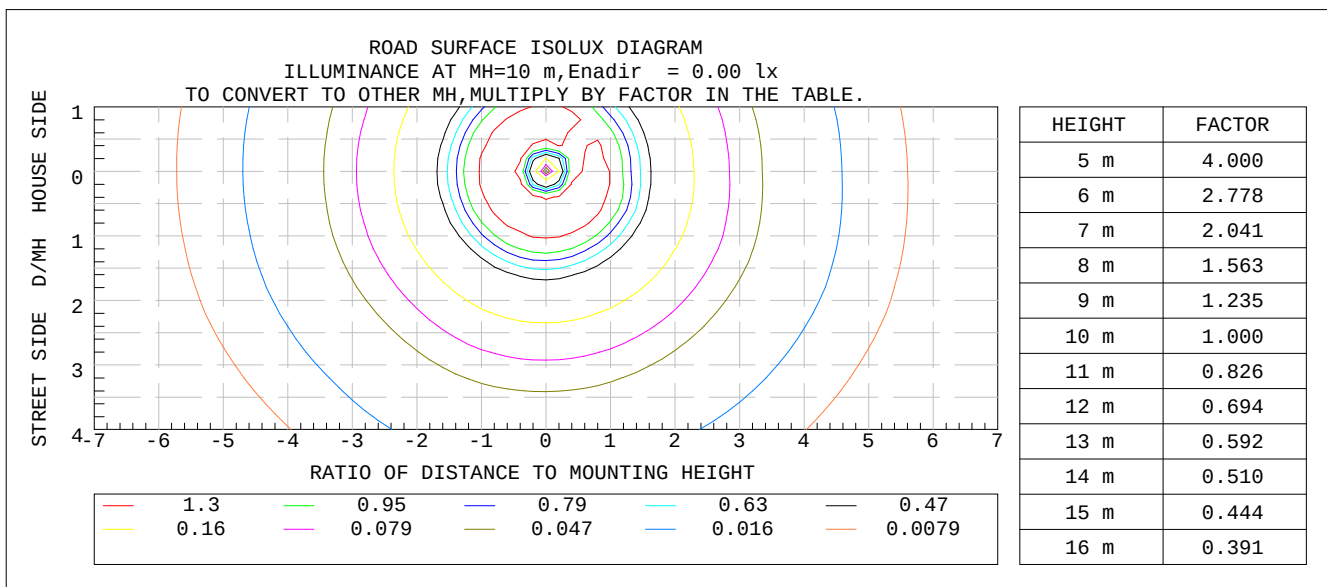
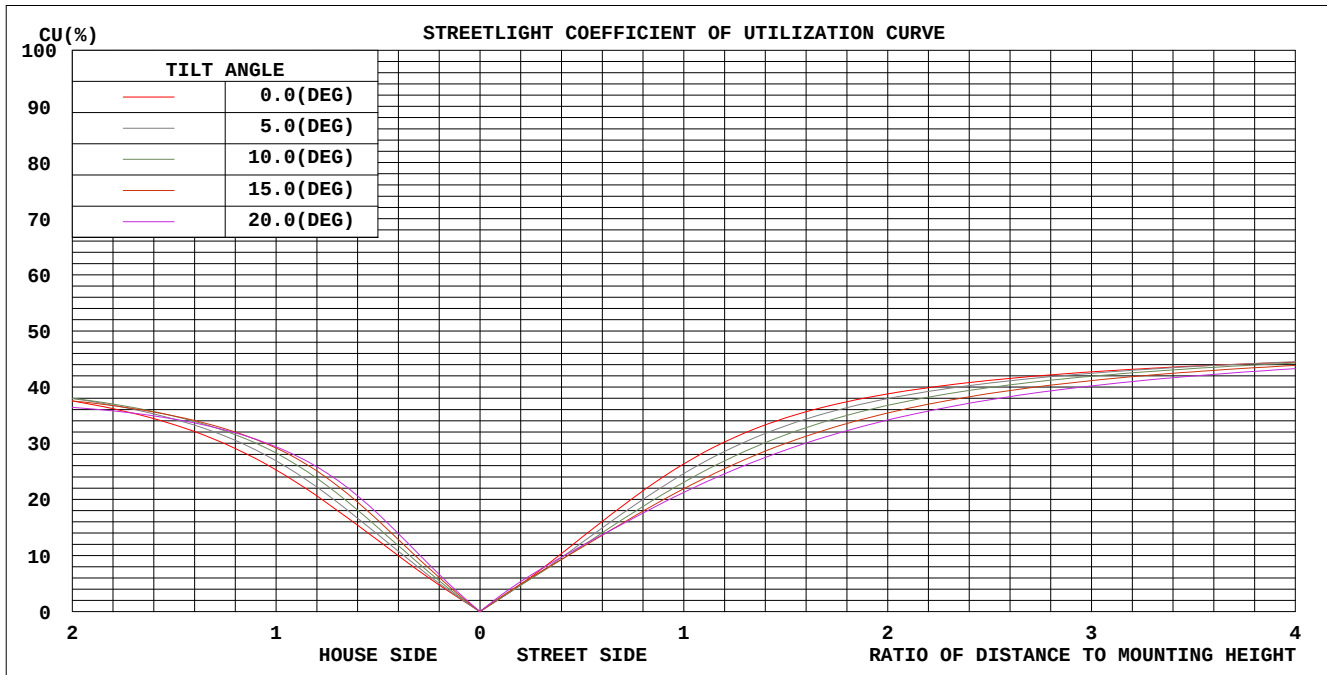
Classification:

IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:105.5cd/klm
 Max.At90:42.15cd/klm
 Max.80-90:105.5cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	431
90%	388
80%	345
70%	302
60%	259
50%	216
40%	172
30%	129
20%	86
10%	43
5%	22

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-07-09

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: 2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:

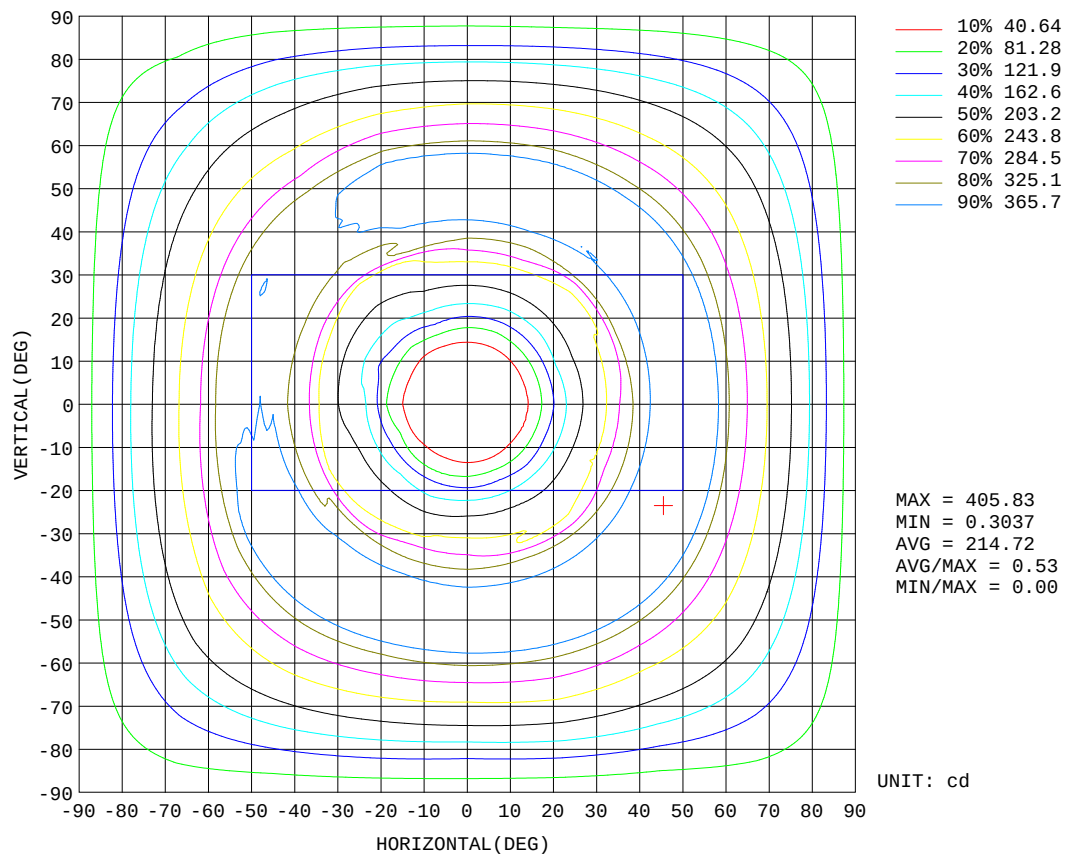
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	12.20	12.12	13.73	12.50	6.418	6.443	8.696	6.642	0- 10	0.2722	0.2722	0.02,0.02
20	128.0	121.5	143.0	130.8	115.9	100.7	124.0	115.4	10- 20	17.71	17.98	1.13,1.13
30	241.6	224.0	253.5	223.4	218.0	189.7	237.6	219.2	20- 30	84.01	102.0	6.44,6.44
40	355.5	329.3	356.3	323.9	326.4	281.6	353.2	314.9	30- 40	171.9	273.9	17.3,17.3
50	431.2	391.1	427.1	382.7	375.3	345.3	423.5	384.2	40- 50	287.5	561.3	35.4,35.4
60	355.2	323.5	355.1	318.3	323.2	293.9	357.6	320.5	50- 60	335.0	896.3	56.6,56.6
70	256.1	230.0	254.3	233.3	233.4	217.1	258.3	234.3	60- 70	275.9	1172	74,74
80	165.8	141.7	154.3	147.5	154.4	146.1	167.1	152.3	70- 80	209.6	1382	87.2,87.2
90	63.27	53.72	56.63	56.83	59.65	57.19	66.77	58.82	80- 90	111.1	1493	94.2,94.2
100	27.71	27.72	27.57	27.80	27.33	27.54	26.73	27.34	90-100	38.99	1532	96.7,96.7
110	17.08	20.31	17.23	19.78	16.40	19.96	16.95	19.69	100-110	25.14	1557	98.3,98.3
120	7.203	7.370	7.489	7.603	6.649	6.921	7.159	7.876	110-120	11.87	1569	99,99
130	6.327	6.969	6.497	7.084	5.870	6.702	5.991	7.022	120-130	6.086	1575	99.4,99.4
140	4.820	5.360	4.956	5.506	4.555	5.386	4.464	5.486	130-140	4.591	1580	99.7,99.7
150	3.294	3.736	3.590	4.074	3.388	3.718	2.630	3.746	140-150	2.706	1582	99.9,99.9
160	2.126	2.289	2.080	2.436	2.058	2.183	2.337	2.242	150-160	1.287	1584	100,100
170	1.364	1.153	1.138	1.344	1.264	1.106	1.558	1.180	160-170	0.5009	1584	100,100
180	0.4542	0.3986	0.4384	0.3984	0.4542	0.3986	0.4384	0.3984	170-180	0.0861	1584	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:2020-07-09

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

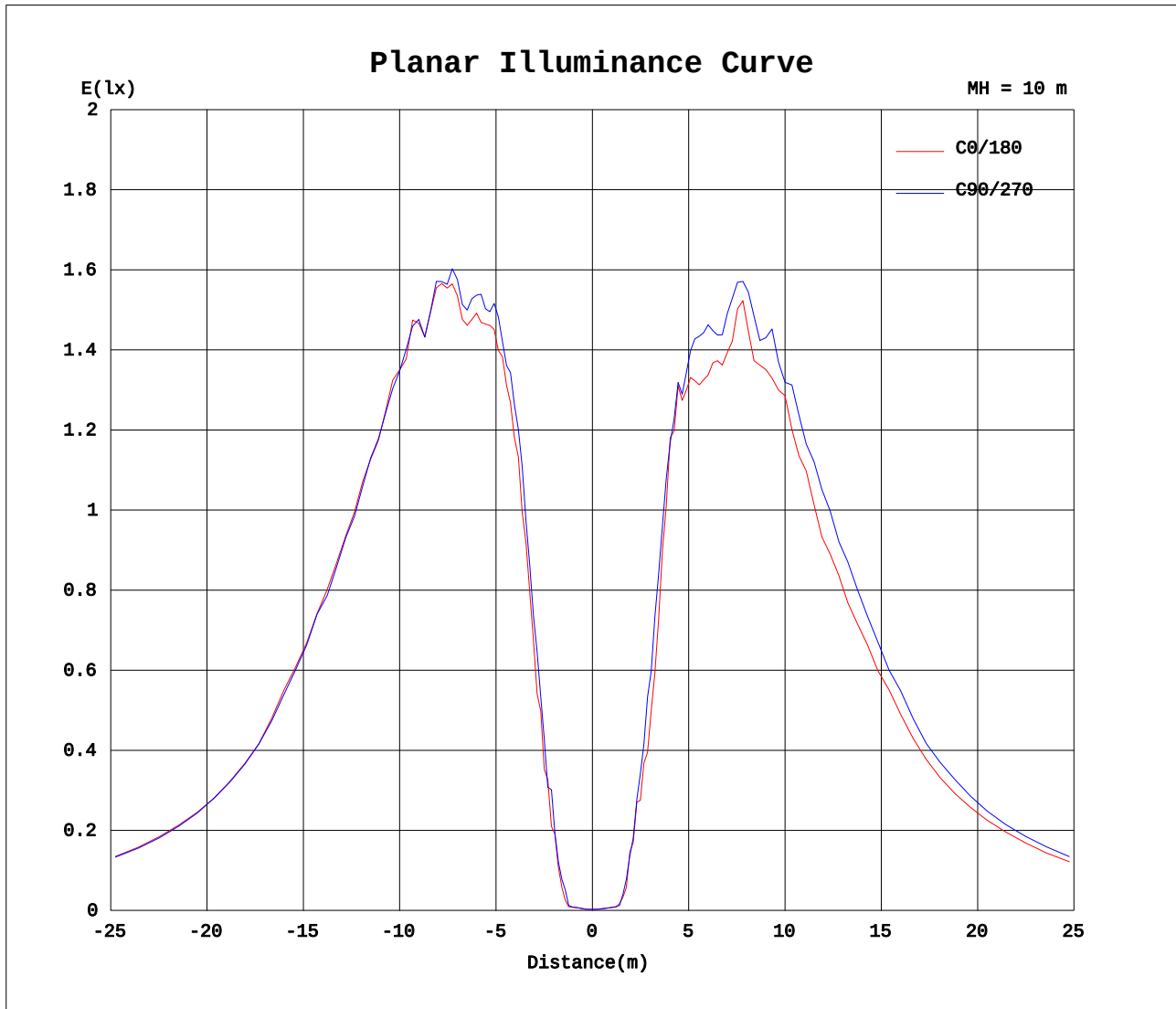
Test:U:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 草坪灯样品	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.13*0.16	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-07-09

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



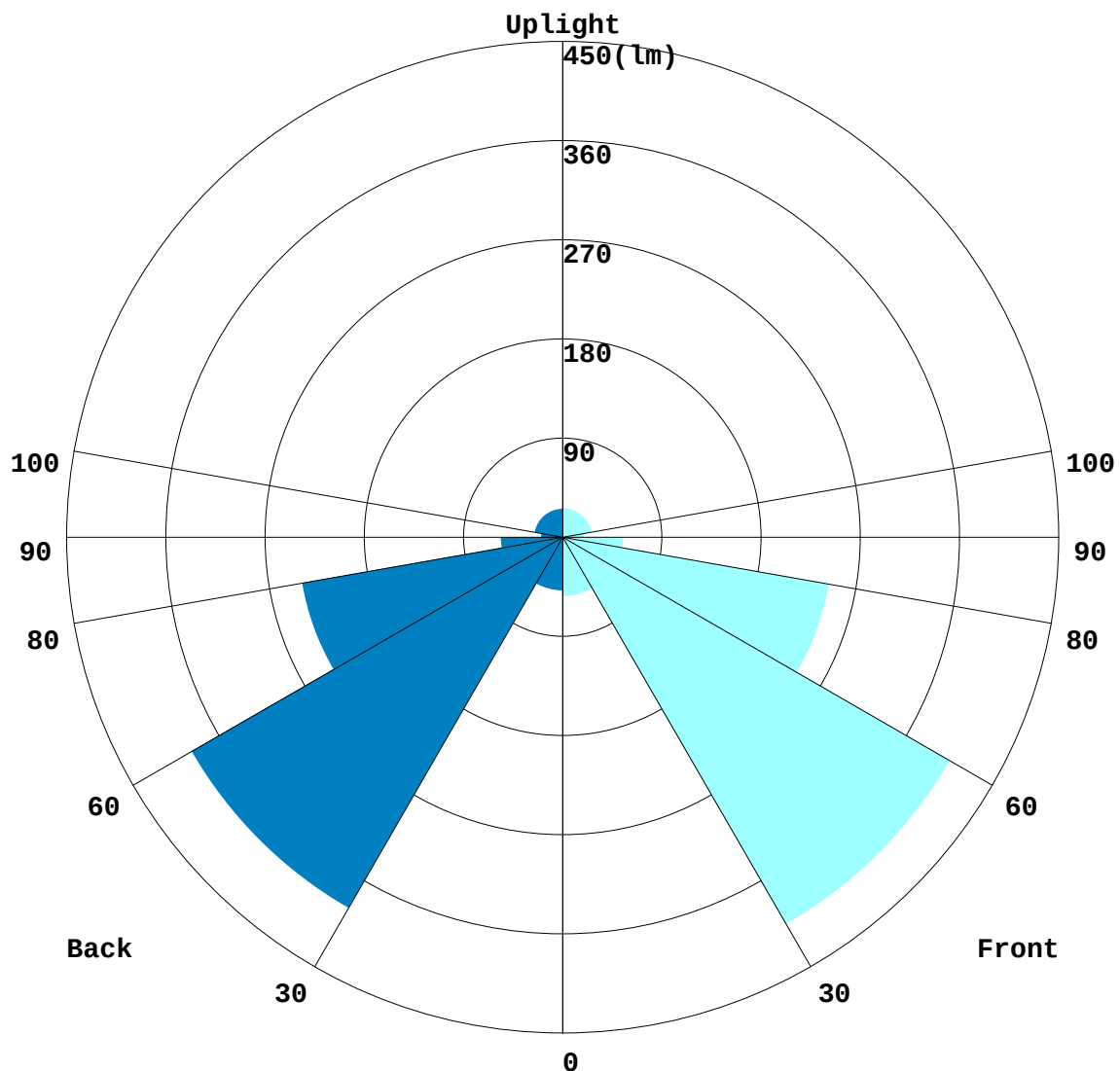
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 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: 2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 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)	53.524	3.4
FM - Front-Medium(30-60)	405.6	25.6
FH - Front-High(60-80)	245.44	15.5
FVH - Front-Very High(80-90)	55.018	3.5
Total Forward Light	805.6	50.9

BL - Back-Low(0-30)	48.463	3.1
BM - Back-Medium(30-60)	388.74	24.5
BH - Back-High(60-80)	239.98	15.1
BVH - Back-Very High(80-90)	56.11	3.5
Total Back Light	778.55	49.1

UL - Uplight-Low(90-100)	38.99	2.5
UH - Uplight-High(100-180)	52.268	3.3
Total Up Light	91.258	5.8

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	733.3	45.25	778.55
Street Side	759.59	46.009	805.6

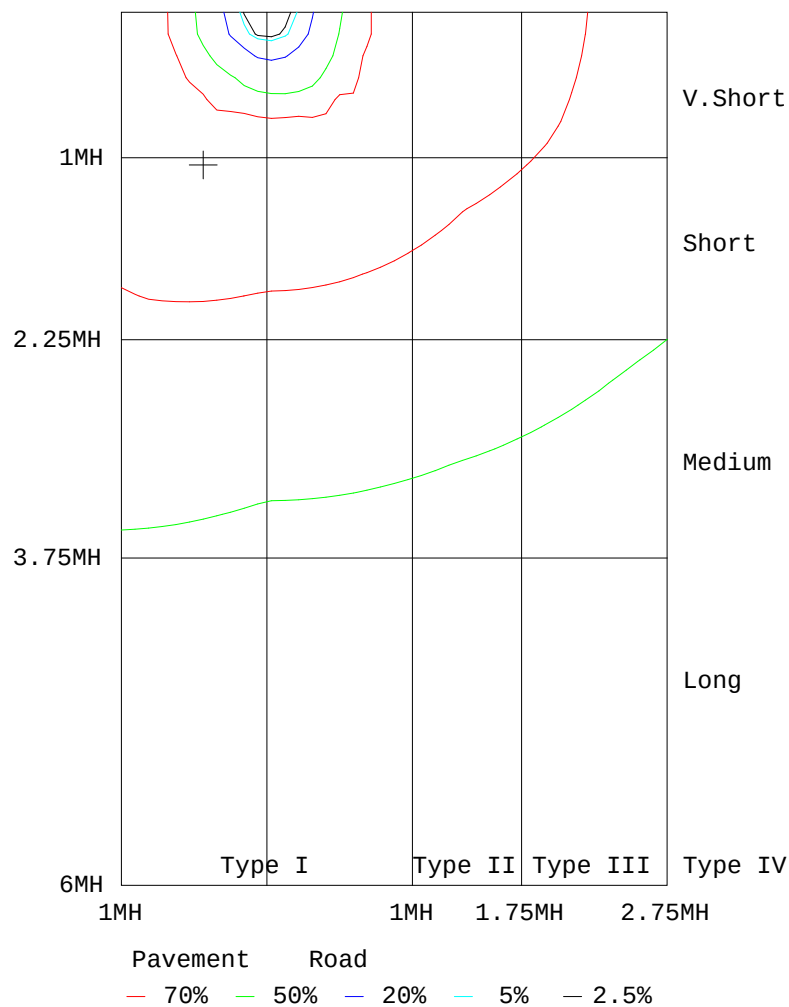
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm		
NAME: 圆形 12W-22W 3K 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:2020-07-09

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:120.1V I:0.1000A P:11.70W PF:0.9780 Lamp Flux:1584.14x1 lm																	
NAME: 圆形 12W-22W 3K 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	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32			
5	0.79	0.87	0.77	0.95	0.88	0.93	0.72	0.75	0.73	0.46	0.62	0.56	0.78	0.65	0.78	0.68			
10	12.2	9.94	12.1	11.8	13.7	16.1	12.5	9.78	6.42	7.69	6.44	6.49	8.70	7.56	6.64	8.00			
15	59.0	60.0	59.4	64.2	63.2	59.1	56.4	53.4	43.7	45.8	39.4	42.0	49.3	48.3	45.7	51.0			
20	128	127	122	127	143	139	131	120	116	93.1	101	121	124	112	115	121			
25	198	183	185	186	204	188	187	176	183	149	155	173	185	179	175	182			
30	242	227	224	225	253	238	223	214	218	193	190	215	238	228	219	223			
35	298	283	247	243	307	299	253	236	271	235	206	233	290	276	239	239			
40	355	331	329	332	356	347	324	310	326	286	282	320	353	338	315	323			
45	408	371	373	370	408	388	377	375	388	339	326	370	399	374	368	369			
50	431	395	391	389	427	396	383	385	375	354	345	383	423	407	384	387			
55	420	382	384	384	420	387	372	373	375	350	344	379	417	396	377	380			
60	355	325	324	325	355	331	318	316	323	296	294	323	358	340	320	324			
65	303	275	273	278	300	286	274	271	278	252	253	272	305	290	274	277			
70	256	234	230	236	254	243	233	231	233	213	217	229	258	247	234	235			
75	219	201	193	197	212	203	196	198	200	180	187	196	217	208	199	202			
80	166	151	142	145	154	151	148	150	154	135	146	151	167	159	152	154			
85	110	99.5	92.3	95.5	104	98.9	96.7	101	105	88.5	99.7	103	113	107	102	101			
90	63.3	56.6	53.7	54.3	56.6	59.3	56.8	58.3	59.7	49.2	57.2	59.4	66.8	63.6	58.8	57.0			
95	26.7	30.1	31.3	30.6	26.5	32.1	32.5	32.2	25.4	26.2	31.7	33.0	27.4	33.7	33.9	32.4			
100	27.7	26.9	27.7	27.0	27.6	27.8	27.8	27.6	27.3	23.7	27.5	27.2	26.7	27.9	27.3	27.0			
105	24.5	24.0	24.6	24.1	24.8	24.8	24.2	23.8	23.9	20.0	24.4	24.4	24.8	24.9	24.4	23.9			
110	17.1	19.7	20.3	19.9	17.2	20.1	19.8	19.4	16.4	15.1	20.0	19.8	17.0	19.4	19.7	19.5			
115	9.93	11.9	11.9	12.0	10.10	12.3	11.5	11.2	8.62	9.04	11.5	11.3	9.86	11.6	11.9	12.1			
120	7.20	7.14	7.37	7.34	7.49	8.03	7.60	7.20	6.65	6.48	6.92	6.88	7.16	7.57	7.88	7.48			
125	6.62	6.61	7.06	6.64	6.87	7.21	7.23	6.77	6.11	6.23	6.57	6.18	6.40	6.78	7.20	6.73			
130	6.33	6.51	6.97	6.53	6.50	6.96	7.08	6.56	5.87	6.18	6.70	6.23	5.99	6.58	7.02	6.62			
135	5.76	5.86	6.36	5.90	5.90	6.31	6.41	5.88	5.35	5.61	6.27	5.81	5.42	5.96	6.49	6.02			
140	4.82	4.80	5.36	4.90	4.96	5.29	5.51	5.10	4.56	4.90	5.39	5.02	4.46	5.05	5.49	5.11			
145	3.94	4.04	4.56	4.16	4.26	4.66	4.84	4.47	3.96	4.24	4.54	4.23	3.57	4.19	4.54	4.35			
150	3.29	3.26	3.74	3.33	3.59	3.77	4.07	3.60	3.39	3.44	3.72	3.32	2.63	3.24	3.75	3.48			
155	2.55	2.52	3.01	2.43	2.62	2.78	3.20	2.61	2.46	2.60	2.91	2.55	2.51	2.59	2.93	2.66			
160	2.13	2.02	2.29	1.93	2.08	2.18	2.44	2.03	2.06	2.13	2.18	2.02	2.34	2.24	2.24	2.17			
165	1.71	1.58	1.76	1.49	1.62	1.70	1.95	1.59	1.64	1.74	1.70	1.67	2.05	1.90	1.73	1.74			
170	1.36	1.00	1.15	0.96	1.14	1.20	1.34	1.13	1.26	1.26	1.11	1.37	1.56	1.59	1.18	1.27			
175	0.84	0.56	0.49	0.58	0.54	0.48	0.70	0.57	0.71	0.83	0.71	0.90	1.01	1.08	0.85	0.89			
180	0.45	0.38	0.40	0.40	0.44	0.40	0.40	0.40	0.45	0.41	0.40	0.41	0.44	0.42	0.40	0.40			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-07-09

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: