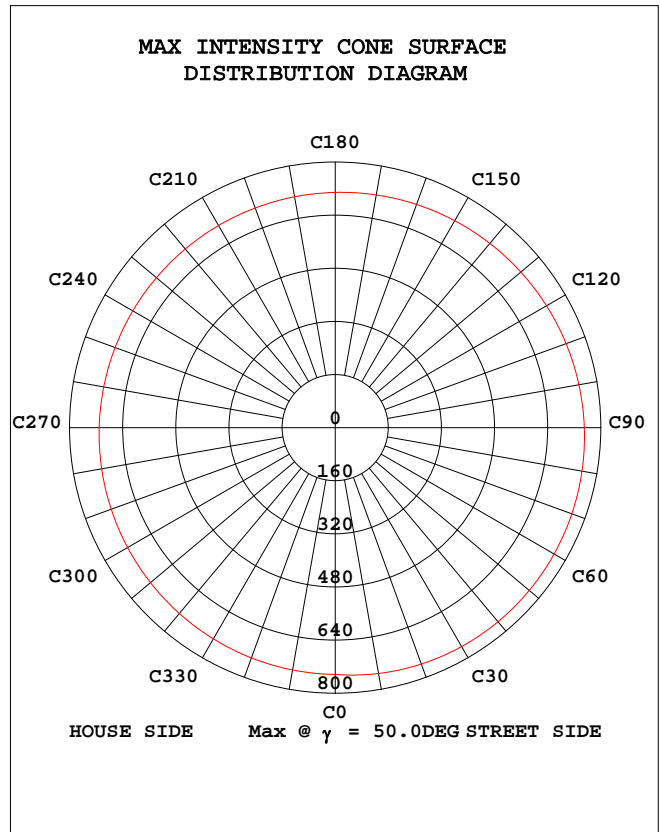
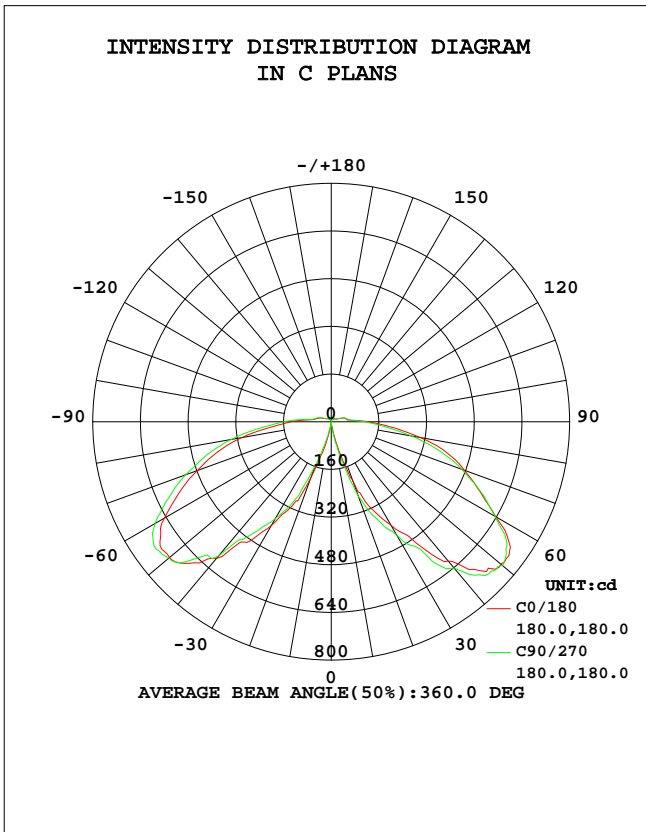


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.1895A P:22.597W PF:0.9937 Freq:59.98Hz Lamp Flux:3081.71x1 lm		
NAME: DD147 GD330 22W 5K 120V 圆形草坪灯	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

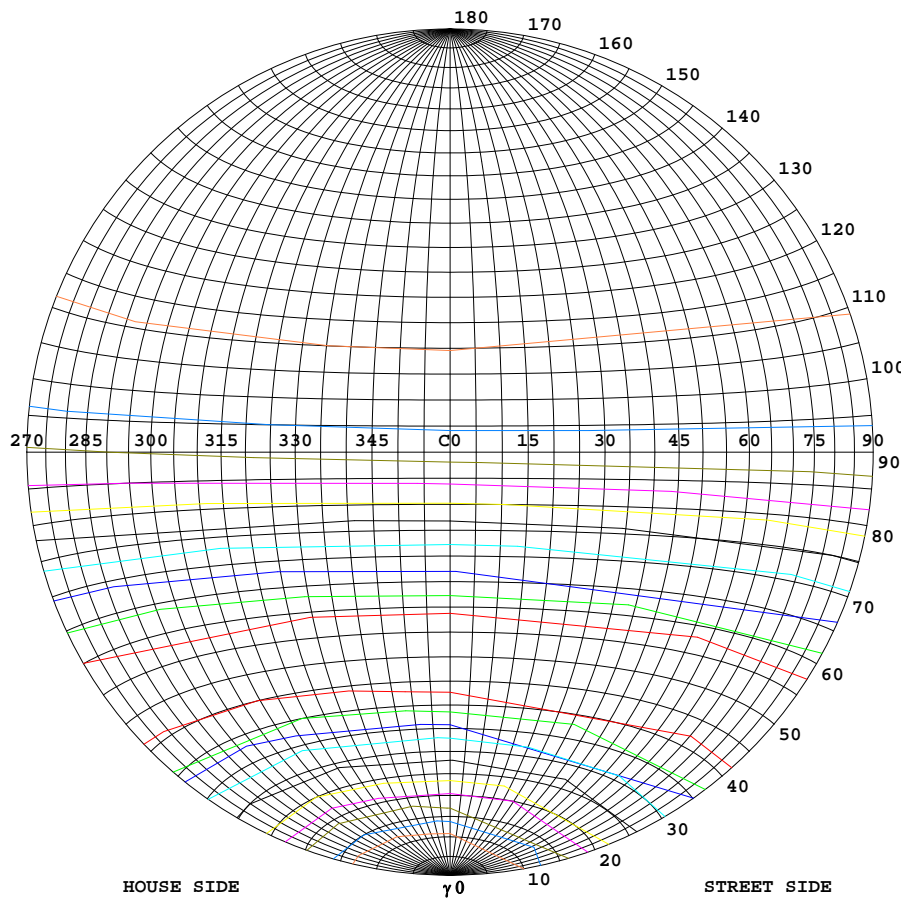
DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.38 lm/W			
MODEL		I _{max} (cd)	750.1	η street_up(%)	3.2
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	46.7
RATED VOLTAGE(V)		TOTAL FLUX(lm)	3082	η house_up(%)	3.6
NOMINAL FLUX(lm)	3081.71	MAXIMUM @(C,γ)	90,50.0	η house_down(%)	46.5
LAMPS INSIDE	1	η up(%)	6.8	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220	η down(%)	93.2	SLI	21.073



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

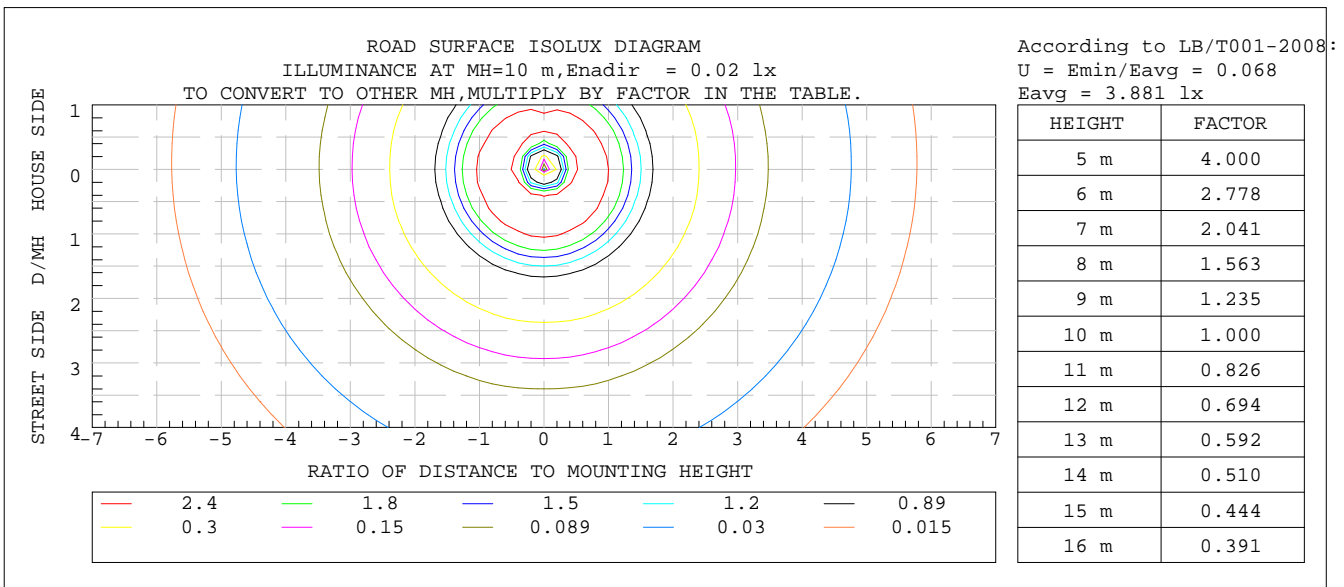
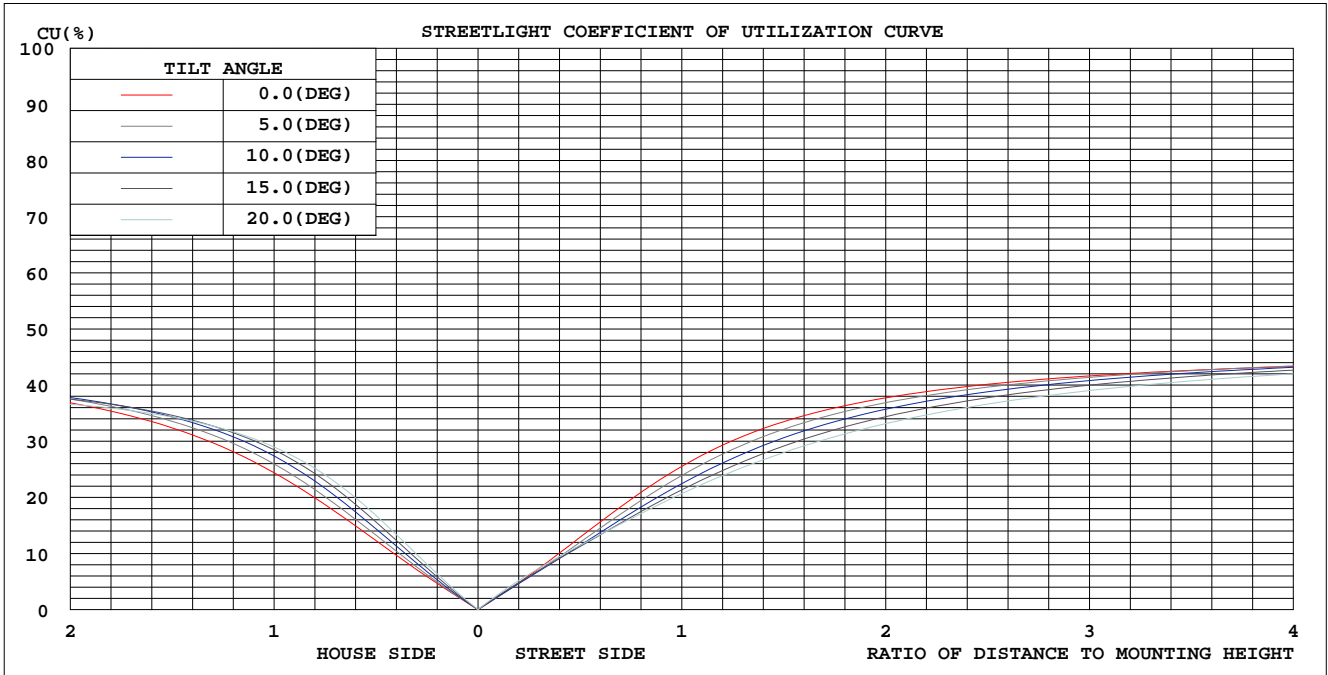
IES:Type V - Very Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:110.4cd/klm
 Max.At90:51.62cd/klm
 Max.80-90:110.4cd/klm
 NRB 5101:Semi limited[12.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	750
90%	675
80%	600
70%	525
60%	450
50%	375
40%	300
30%	225
20%	150
10%	75
5%	38

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.270m [K=1.0000]
Remarks:

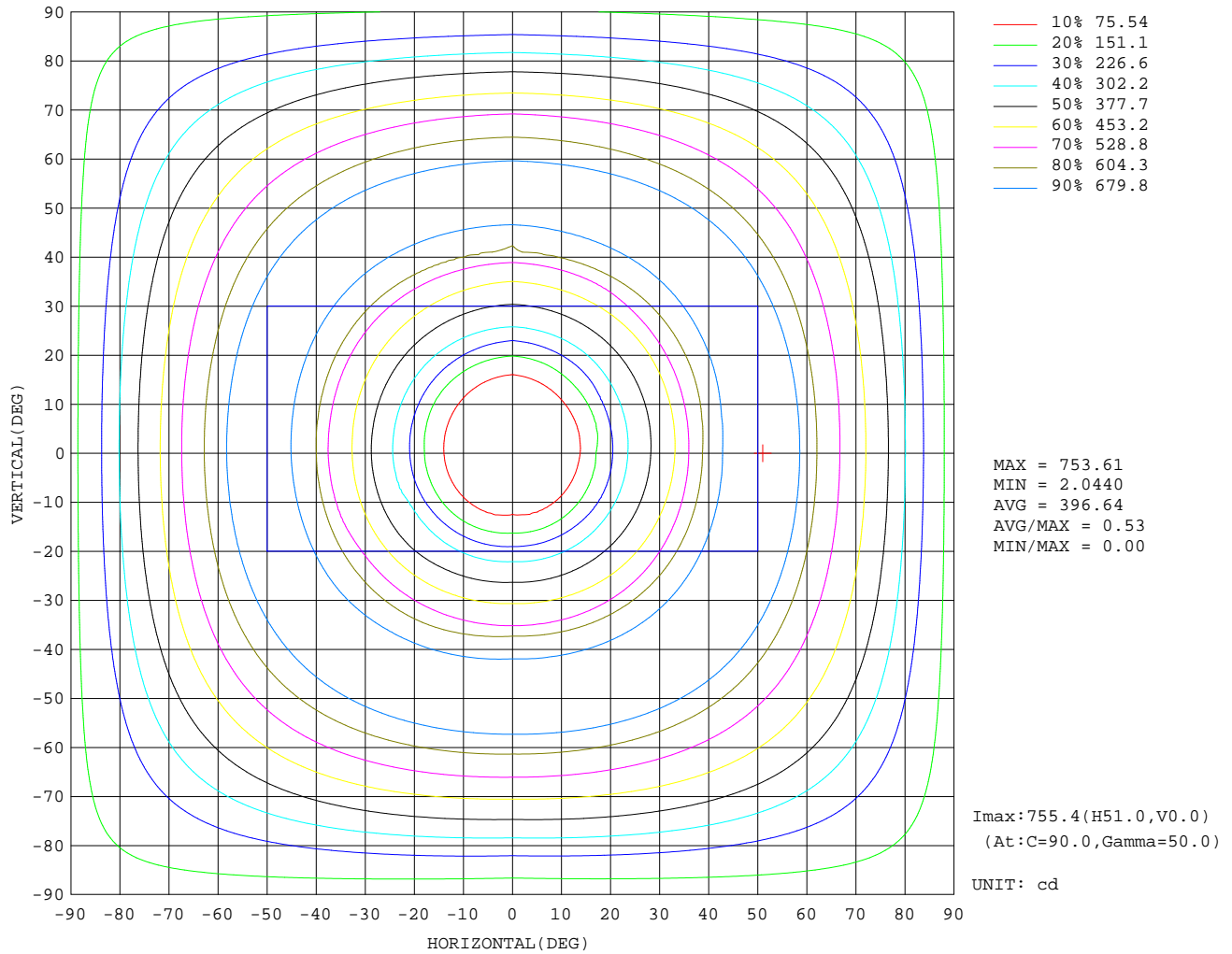
ZONAL FLUX DIAGRAM

γ	C0	C90	C180	C270				γ	Φ zone	Φ total	%lum,lamp
10	22.80	36.53	24.07	8.065				0- 10	0.9622	0.9622	0.03,0.03
20	203.6	267.3	197.6	159.1				10- 20	31.48	32.44	1.05,1.05
30	401.7	439.4	401.2	375.1				20- 30	148.5	181.0	5.87,5.87
40	610.3	641.2	598.7	586.8				30- 40	316.9	497.9	16.2,16.2
50	743.2	750.1	708.8	710.9				40- 50	529.8	1028	33.3,33.3
60	637.9	635.3	645.8	682.0				50- 60	634.9	1663	53.9,53.9
70	474.5	466.5	478.0	519.8				60- 70	561.2	2224	72.2,72.2
80	301.2	271.7	302.6	340.2				70- 80	421.4	2645	85.8,85.8
90	123.4	113.9	134.8	159.1				80- 90	227.4	2873	93.2,93.2
100	52.89	55.49	54.92	58.41				90-100	90.04	2963	96.1,96.1
110	35.81	35.00	36.95	41.46				100-110	50.32	3013	97.8,97.8
120	18.15	20.02	21.19	23.56				110-120	27.13	3040	98.6,98.6
130	15.55	16.64	16.64	18.23				120-130	16.64	3057	99.2,99.2
140	11.79	12.10	13.06	14.16				130-140	11.63	3068	99.6,99.6
150	9.244	9.115	10.52	11.02				140-150	7.060	3075	99.8,99.8
160	7.224	6.943	7.302	7.869				150-160	3.981	3079	99.9,99.9
170	5.772	5.493	5.960	6.254				160-170	1.901	3081	100,100
180	3.633	3.859	3.644	3.865				170-180	0.4814	3082	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

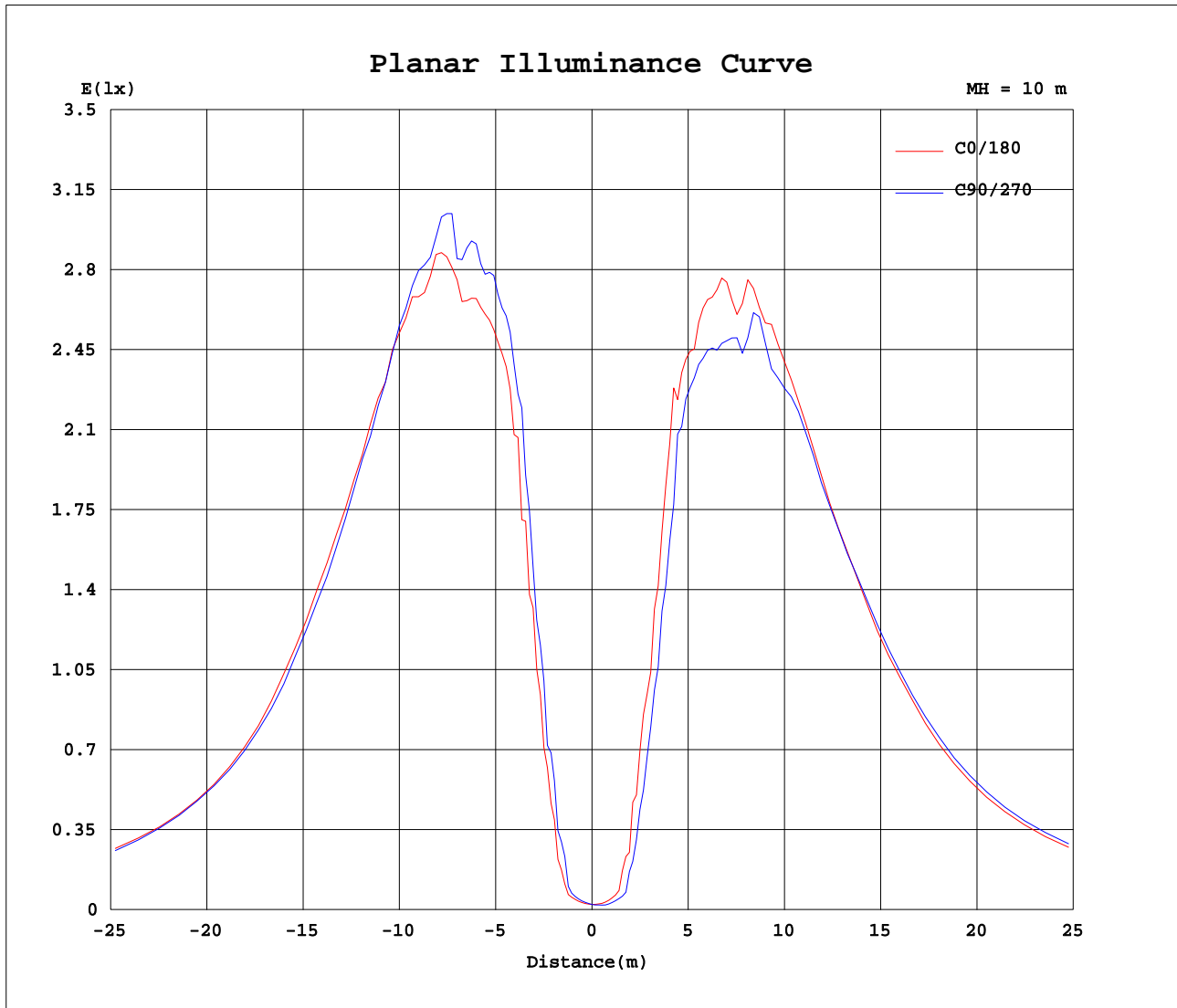
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.270m [K=1.0000]
 Remarks:

Planar Illuminance Curve



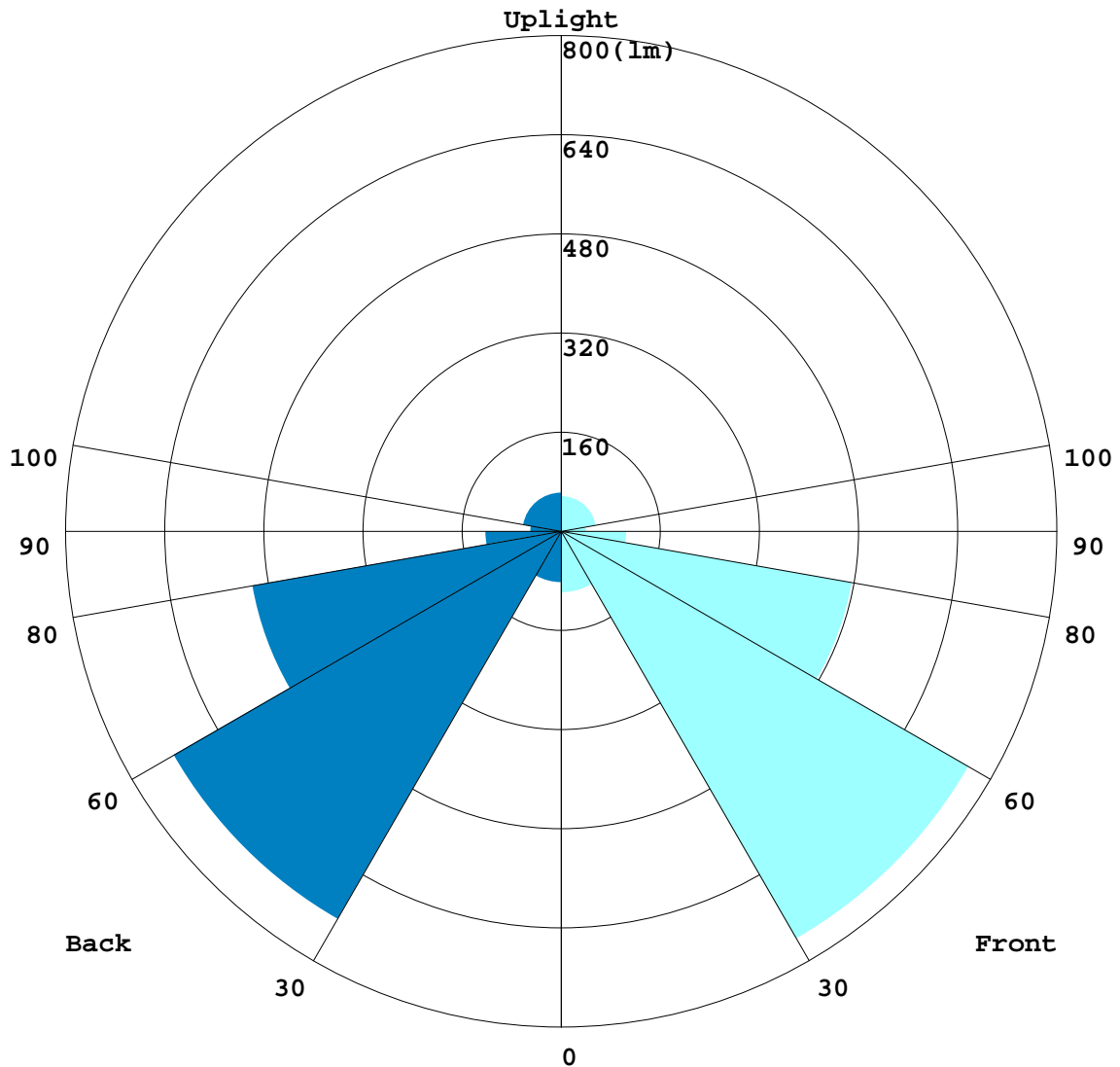
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.270m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.99V I:0.1895A P:22.597W PF:0.9937 Freq:59.98Hz Lamp Flux:3081.71x1 lm		
NAME: DD147 GD330 22W 5K 120V 圆形草坪灯	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.99V I:0.1895A P:22.597W PF:0.9937 Freq:59.98Hz Lamp Flux:3081.7lx1 lm		
NAME: DD147 GD330 22W 5K 120V 圆形草坪灯	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	98.692	3.2
FM - Front-Medium(30-60)	759.17	24.6
FH - Front-High(60-80)	476.46	15.5
FVH - Front-Very High(80-90)	105.22	3.4
Total Forward Light	1536.7	49.9

BL - Back-Low(0-30)	82.263	2.7
BM - Back-Medium(30-60)	722.39	23.4
BH - Back-High(60-80)	506.14	16.4
BVH - Back-Very High(80-90)	122.21	4.0
Total Back Light	1545	50.1

UL - Uplight-Low(90-100)	90.038	2.9
UH - Uplight-High(100-180)	119.13	3.9
Total Up Light	209.17	6.8

BUG(Back,Up,Glare) Rating	B2-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1433	112.04	1545
Street Side	1439.5	97.137	1536.7

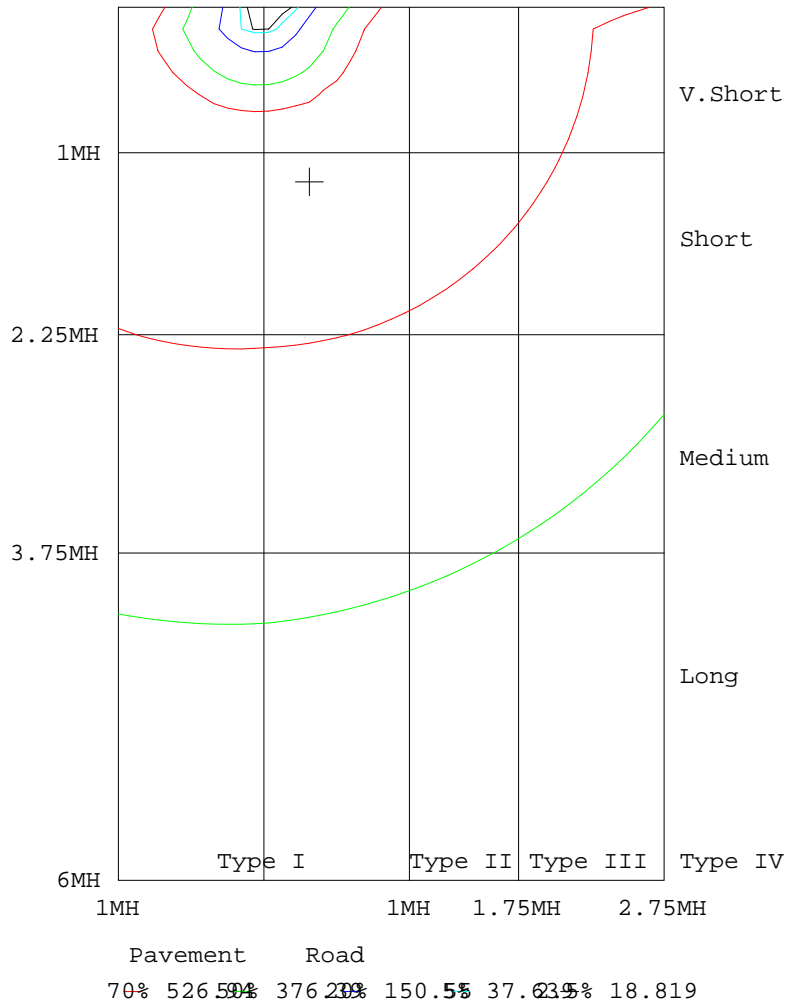
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.99V I:0.1895A P:22.597W PF:0.9937 Freq:59.98Hz Lamp Flux:3081.71x1 lm		
NAME: DD147 GD330 22W 5K 120V 圆形草坪灯	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	90	180	270															
0	2.29	2.29	2.29	2.29															
5	4.57	6.00	4.16	2.59															
10	22.8	36.5	24.1	8.06															
15	103	130	93.9	58.7															
20	204	267	198	159															
25	324	357	312	287															
30	402	439	401	375															
35	497	523	495	457															
40	610	641	599	587															
45	707	730	671	652															
50	743	750	709	711															
55	734	720	702	726															
60	638	635	646	682															
65	549	552	563	601															
70	474	466	478	520															
75	401	376	397	432															
80	301	272	303	340															
85	200	176	200	236															
90	123	114	135	159															
95	64.8	65.7	76.4	90.6															
100	52.9	55.5	54.9	58.4															
105	47.7	48.3	46.4	50.7															
110	35.8	35.0	36.9	41.5															
115	22.9	23.8	27.2	30.6															
120	18.1	20.0	21.2	23.6															
125	16.7	18.3	18.3	20.3															
130	15.5	16.6	16.6	18.2															
135	14.1	14.7	15.1	16.4															
140	11.8	12.1	13.1	14.2															
145	10.7	10.6	11.1	12.1															
150	9.24	9.12	10.5	11.0															
155	7.96	7.71	8.70	9.24															
160	7.22	6.94	7.30	7.87															
165	6.70	6.37	6.56	6.92															
170	5.77	5.49	5.96	6.25															
175	4.48	4.31	4.57	5.08															
180	3.63	3.86	3.64	3.86															

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-05-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.270m [K=1.0000]
 Remarks: