Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203751

Luminaire Tested: GWC-SB2D-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203751
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20169 lumens
Efficiency:	N/A
Efficacy:	136.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B3 - U0 - G4

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

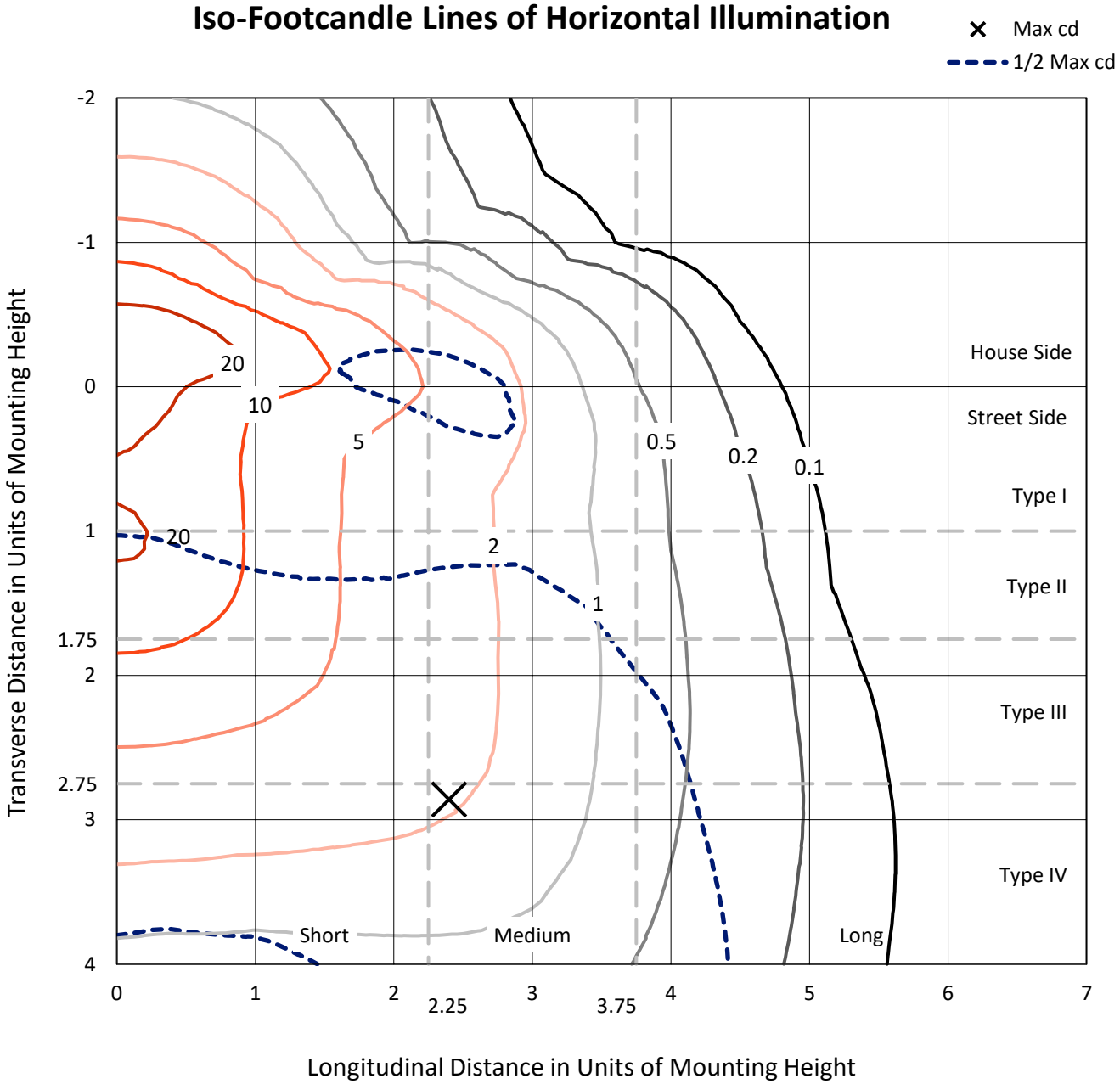


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Iso-Footcandle Lines of Horizontal Illumination



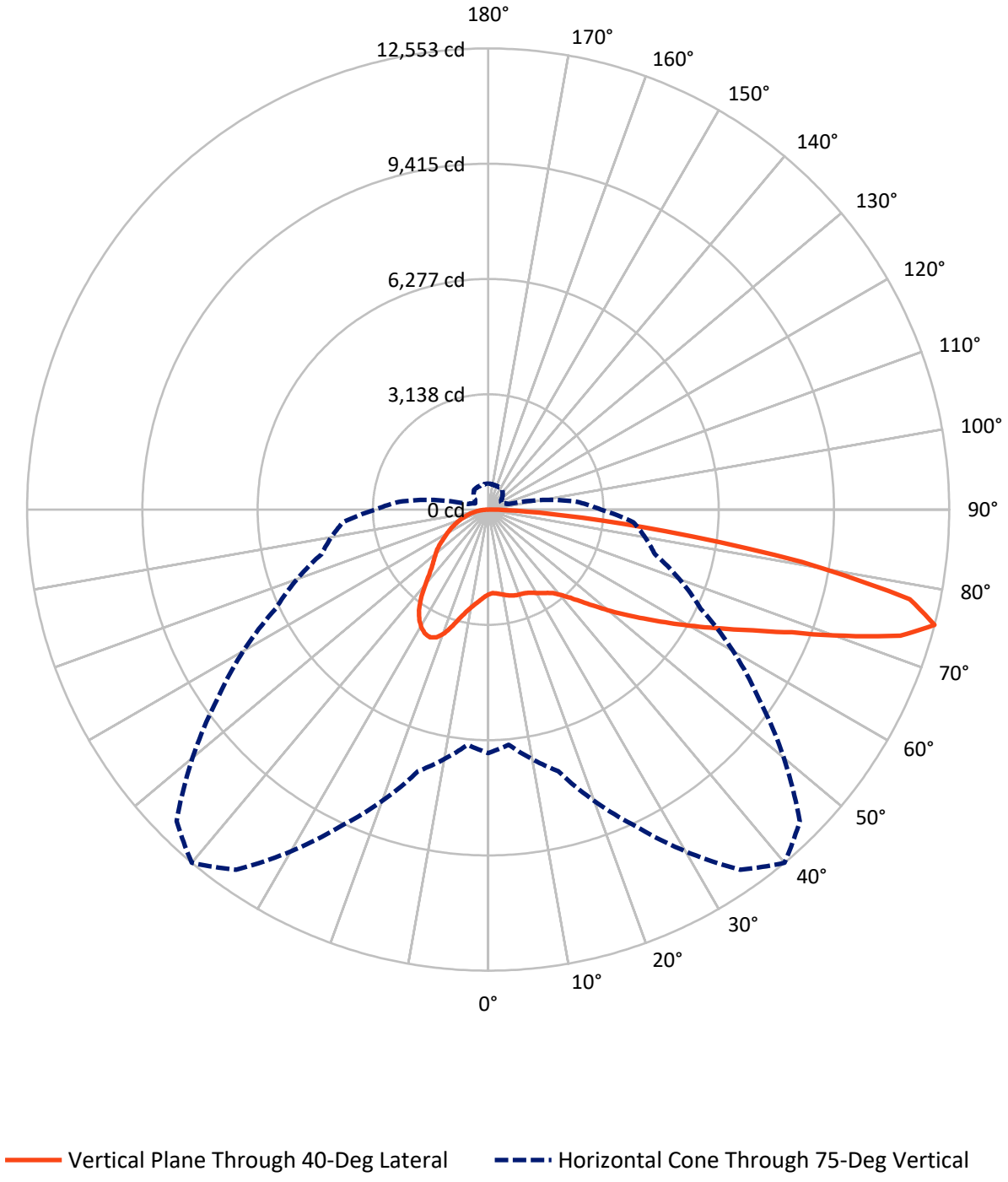
Based on 10 foot mounting height. Maximum calculated value = 29.8 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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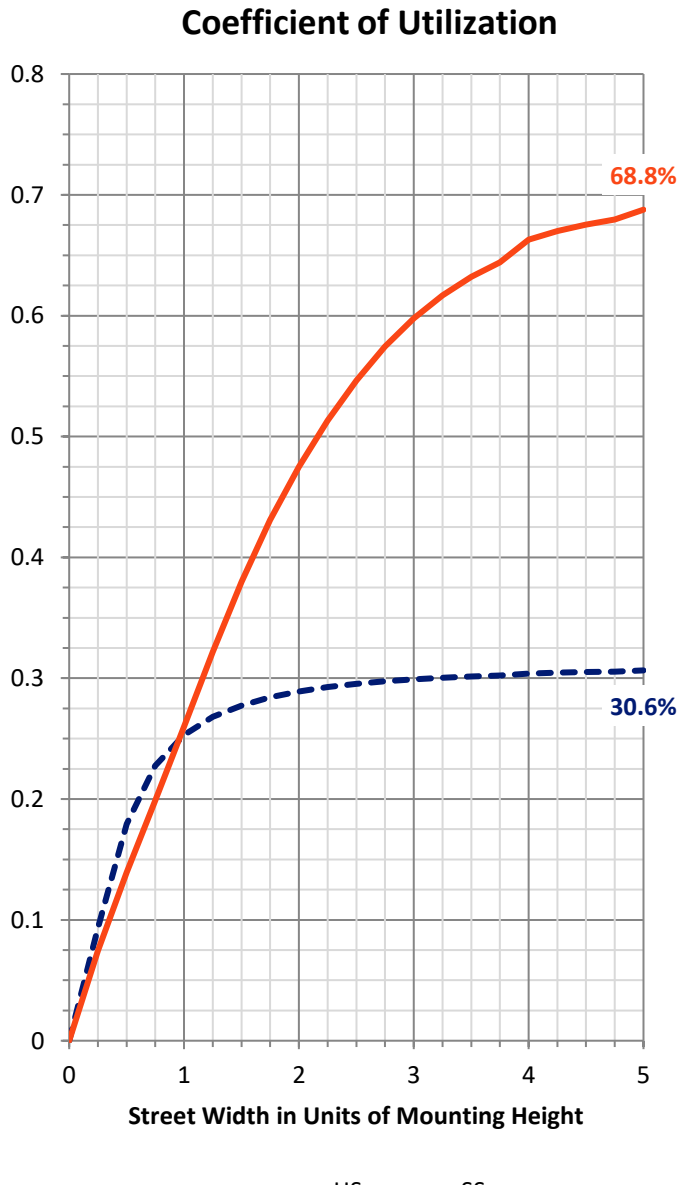
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6249.0	0.0	6249.0
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	13920.0	0.0	13920.0
	% Fixture	69.0	0.0	69.0
Total	Lumens	20169.0	0.0	20169.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.2	1.1
10°-20°	772.9	3.8
20°-30°	1411.3	7.0
30°-40°	2001.7	9.9
40°-50°	2702.9	13.4
50°-60°	3636.1	18.0
60°-70°	4615.0	22.9
70°-80°	4188.4	20.8
80°-90°	610.5	3.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	20169.0	100.0
0°-180°	20169.0	100.0



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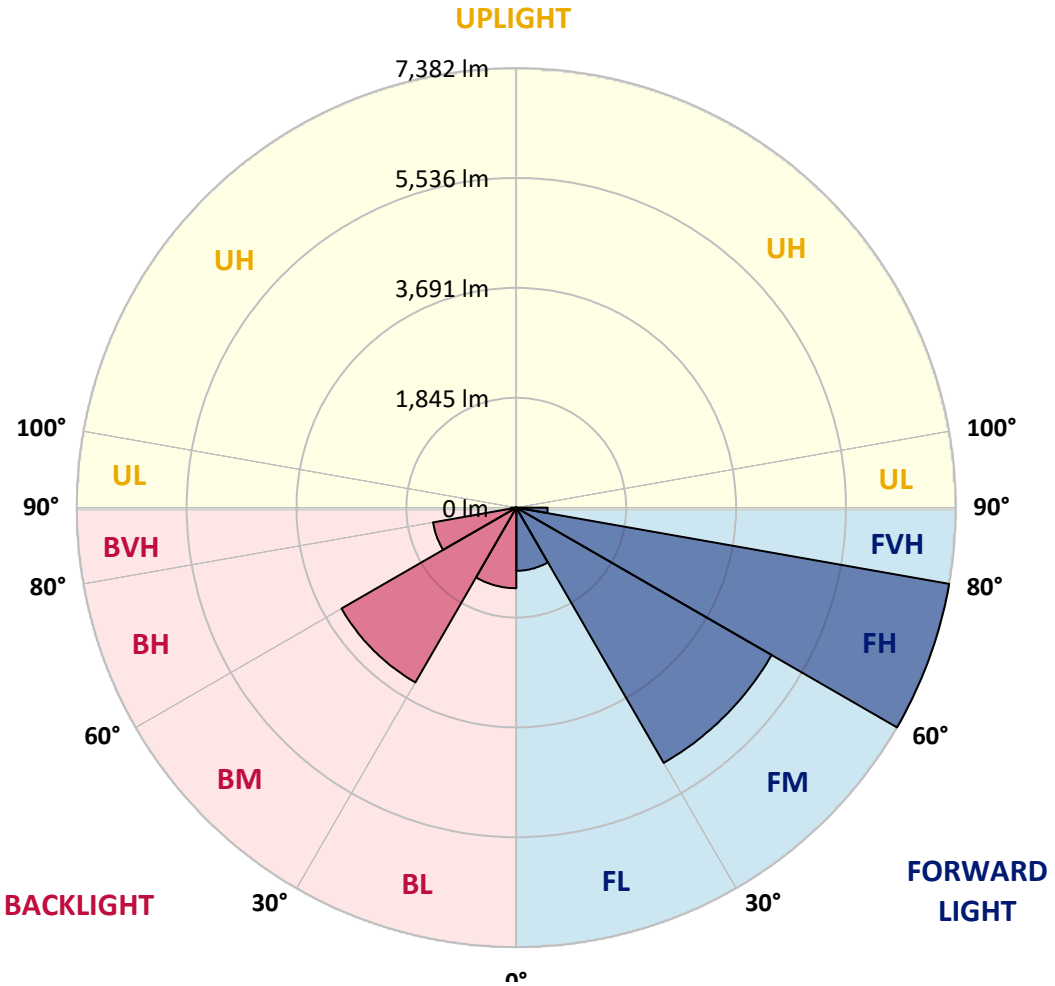
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1060.9	5.3			
FM	(30°-60°)	4951.0	24.5			
FH	(60°-80°)	7381.5	36.6			G3/7500
FVH	(80°-90°)	526.5	2.6			G4/750
BL	(0°-30°)	1353.6	6.7	B3/2500		
BM	(30°-60°)	3389.5	16.8	B3/5000		
BH	(60°-80°)	1421.8	7.0	B3/2500		G3/2500
BVH	(80°-90°)	84.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4
2.5°	2271.1	2283.9	2280.7	2276.4	2276.4	2277.5	2276.4	2283.9	2291.4	2298.9	2310.6
5°	2294.6	2307.4	2301.0	2295.7	2291.4	2290.3	2287.1	2286.0	2290.3	2299.9	2316.0
7.5°	2340.6	2353.4	2343.8	2334.2	2325.6	2321.3	2317.0	2310.6	2307.4	2312.8	2335.2
10°	2391.9	2404.8	2393.0	2375.9	2362.0	2356.6	2352.4	2345.9	2341.7	2344.9	2369.5
12.5°	2443.3	2456.1	2440.1	2416.5	2398.3	2395.1	2389.8	2387.7	2386.6	2385.5	2410.1
15°	2491.4	2502.1	2481.8	2454.0	2434.7	2429.4	2424.0	2427.2	2432.6	2439.0	2466.8
17.5°	2528.9	2539.6	2509.6	2473.2	2455.0	2452.9	2449.7	2460.4	2475.4	2491.4	2525.6
20°	2563.1	2573.8	2535.3	2486.1	2464.7	2464.7	2465.7	2488.2	2509.6	2533.1	2580.2
22.5°	2611.2	2619.8	2572.7	2505.3	2474.3	2476.4	2485.0	2507.5	2534.2	2566.3	2631.6
25°	2682.9	2689.3	2631.6	2541.7	2506.4	2512.8	2520.3	2531.0	2556.7	2594.1	2681.8
27.5°	2798.4	2803.8	2727.8	2605.9	2552.4	2563.1	2573.8	2566.3	2578.1	2610.2	2722.5
30°	2961.0	2964.2	2868.0	2706.4	2630.5	2635.8	2638.0	2606.9	2584.5	2610.2	2751.4
32.5°	3153.6	3152.5	3038.1	2828.4	2719.3	2713.9	2695.7	2634.8	2582.3	2604.8	2777.0
35°	3452.0	3440.3	3292.6	2999.5	2819.8	2786.7	2743.9	2665.8	2593.0	2599.5	2799.5
37.5°	3946.3	3909.9	3705.6	3279.8	2969.6	2885.1	2822.0	2716.1	2616.6	2597.3	2826.2
40°	4503.6	4457.6	4232.9	3663.8	3194.2	3058.4	2956.8	2787.7	2655.1	2606.9	2865.8
42.5°	5164.7	5099.4	4857.7	4116.3	3478.8	3282.0	3129.0	2878.7	2711.8	2638.0	2919.3
45°	5976.6	5890.0	5547.7	4626.6	3837.1	3575.1	3370.7	3016.7	2798.4	2697.9	2999.5
47.5°	6797.1	6818.5	6331.8	5210.7	4267.2	3936.6	3673.5	3224.2	2924.7	2794.2	3129.0
50°	7668.9	7683.9	7111.6	5857.9	4755.0	4345.3	4013.7	3456.3	3100.1	2931.1	3322.6
52.5°	8349.3	8351.4	7819.8	6535.0	5263.1	4794.6	4380.6	3721.6	3303.3	3112.9	3580.4
55°	8775.0	8769.7	8316.1	7175.8	5847.2	5266.3	4787.1	4023.3	3551.5	3326.9	3904.5
57.5°	9084.2	9068.2	8658.4	7726.7	6469.8	5823.6	5247.1	4365.6	3844.6	3581.5	4331.4
60°	9201.9	9192.2	8890.6	8202.7	7124.4	6439.8	5777.6	4748.6	4177.3	3882.1	4880.1
62.5°	9246.8	9265.0	9118.4	8663.8	7825.1	7122.3	6360.7	5206.4	4551.7	4222.3	5458.9
65°	9405.1	9438.3	9408.3	9267.1	8616.7	7921.4	7134.1	5750.9	4960.4	4587.0	6063.3
67.5°	9718.6	9751.7	9764.6	9989.2	9583.8	8917.3	8099.0	6429.1	5438.5	4965.7	6517.9
70°	9711.1	9701.4	9928.2	10563.6	10794.7	10296.2	9399.8	7263.5	6008.7	5280.2	6575.7
72.5°	8839.2	8762.2	9298.2	10557.2	11802.4	11736.1	10988.3	8339.7	6500.8	5318.7	5706.0
75°	6631.3	6425.9	7372.6	9514.2	11970.4	12553.4	11998.2	9007.2	6384.2	4699.4	3970.9
77.5°	2835.9	2629.4	3745.1	7043.1	10713.4	11735.0	11071.8	7858.3	5096.2	3107.6	1950.1
80°	742.4	741.3	1131.8	3193.2	7286.0	8665.9	7602.6	5074.8	2911.8	1110.4	538.1
82.5°	307.0	299.5	416.1	1242.0	3560.1	4863.0	3968.7	2263.6	1051.6	300.6	178.6
85°	114.5	113.4	202.2	429.0	1255.9	2005.8	1451.6	578.7	262.1	146.6	80.2
87.5°	32.1	31.0	43.9	148.7	305.9	464.3	248.2	95.2	73.8	57.8	23.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4	2306.4
2.5°	2313.8	2319.2	2328.8	2336.3	2345.9	2356.6	2371.6	2381.2	2390.9	2397.3	2393.0
5°	2323.5	2335.2	2359.8	2384.4	2413.3	2440.1	2471.1	2493.6	2511.7	2517.1	2519.2
7.5°	2344.9	2364.1	2405.8	2447.6	2493.6	2537.4	2582.3	2620.9	2651.9	2663.6	2664.7
10°	2382.3	2408.0	2466.8	2525.6	2586.6	2654.0	2711.8	2767.4	2811.3	2829.5	2830.5
12.5°	2429.4	2461.5	2538.5	2619.8	2704.3	2797.4	2872.2	2940.7	2995.3	3019.9	3019.9
15°	2490.3	2532.1	2630.5	2739.6	2863.7	2993.1	3088.3	3164.3	3225.3	3255.2	3253.1
17.5°	2556.7	2612.3	2736.4	2901.1	3078.7	3248.8	3360.0	3415.7	3478.8	3507.7	3506.6
20°	2620.9	2689.3	2866.9	3106.5	3342.9	3523.7	3613.6	3628.5	3632.8	3636.0	3644.6
22.5°	2687.2	2779.2	3030.6	3365.4	3618.9	3744.1	3756.9	3692.7	3602.9	3561.2	3572.9
25°	2759.9	2881.9	3244.5	3651.0	3856.4	3871.4	3773.0	3616.8	3446.7	3368.6	3380.4
27.5°	2830.5	3000.6	3501.2	3923.8	4027.6	3896.0	3684.2	3462.7	3257.3	3175.0	3184.6
30°	2901.1	3136.5	3784.7	4162.3	4105.6	3835.0	3544.0	3296.9	3090.5	3003.8	3013.4
32.5°	2972.8	3294.8	4111.0	4334.6	4091.7	3705.6	3369.7	3110.8	2928.9	2838.0	2849.8
35°	3054.1	3489.5	4420.2	4428.7	3998.7	3515.2	3139.7	2888.3	2730.0	2657.2	2673.3
37.5°	3160.0	3736.6	4692.9	4452.2	3836.1	3236.0	2854.1	2625.1	2494.6	2461.5	2485.0
40°	3291.6	4034.0	4901.5	4414.8	3595.4	2896.8	2541.7	2358.8	2285.0	2292.4	2318.1
42.5°	3462.7	4366.7	5048.1	4318.5	3260.6	2547.0	2267.8	2186.5	2221.8	2251.8	2279.6
45°	3685.2	4712.2	5139.0	4154.9	2881.9	2250.7	2106.3	2125.6	2152.3	2155.5	2176.9
47.5°	3969.8	5062.0	5198.9	3907.7	2495.7	2042.1	2003.6	2007.9	2002.5	1980.1	1997.2
50°	4324.9	5402.2	5252.4	3580.4	2167.3	1911.6	1860.3	1845.3	1771.5	1698.7	1708.4
52.5°	4729.3	5714.5	5274.9	3173.9	1911.6	1802.5	1719.1	1624.9	1486.9	1464.5	1472.0
55°	5178.6	6003.4	5217.1	2674.3	1696.6	1662.4	1536.1	1422.7	1407.8	1388.5	1391.7
57.5°	5715.6	6314.7	5099.4	2117.0	1476.2	1498.7	1375.7	1388.5	1361.8	1331.8	1326.5
60°	6302.9	6636.6	4893.0	1608.9	1248.4	1294.4	1334.0	1332.9	1325.4	1300.8	1292.2
62.5°	6831.3	6848.5	4486.5	1232.3	1048.3	1136.1	1244.1	1243.0	1236.6	1222.7	1217.4
65°	7145.8	6816.4	3808.3	970.3	883.6	1005.6	1122.2	1130.7	1131.8	1130.7	1130.7
67.5°	7090.2	6440.9	2877.6	772.3	747.7	872.9	1001.3	1013.0	1021.6	1023.7	1025.9
70°	6461.2	5616.1	1876.3	616.2	626.9	756.3	886.8	898.6	906.1	914.6	918.9
72.5°	5036.3	4129.2	1074.0	498.5	521.0	655.7	773.4	787.3	791.6	807.7	814.1
75°	*3069.1*	*2428.3*	*579.8*	*392.6*	*427.9*	*560.5*	*661.1*	*677.1*	*684.6*	*703.9*	*706.0*
77.5°	1459.1	1051.6	330.5	305.9	344.5	457.8	558.4	576.6	556.3	567.0	558.4
80°	493.1	390.5	208.6	233.2	263.2	357.3	447.1	465.3	422.5	420.4	416.1
82.5°	172.2	158.3	132.6	155.1	170.1	255.7	338.0	361.6	314.5	313.4	298.5
85°	67.4	64.2	73.8	84.5	101.6	157.3	222.5	234.3	193.6	156.2	154.0
87.5°	13.9	15.0	18.2	19.3	31.0	54.6	80.2	98.4	78.1	66.3	61.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)