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: P1203375

Luminaire Tested: GWC-SB2C-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203375
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14634 lumens
Efficiency:	N/A
Efficacy:	145.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

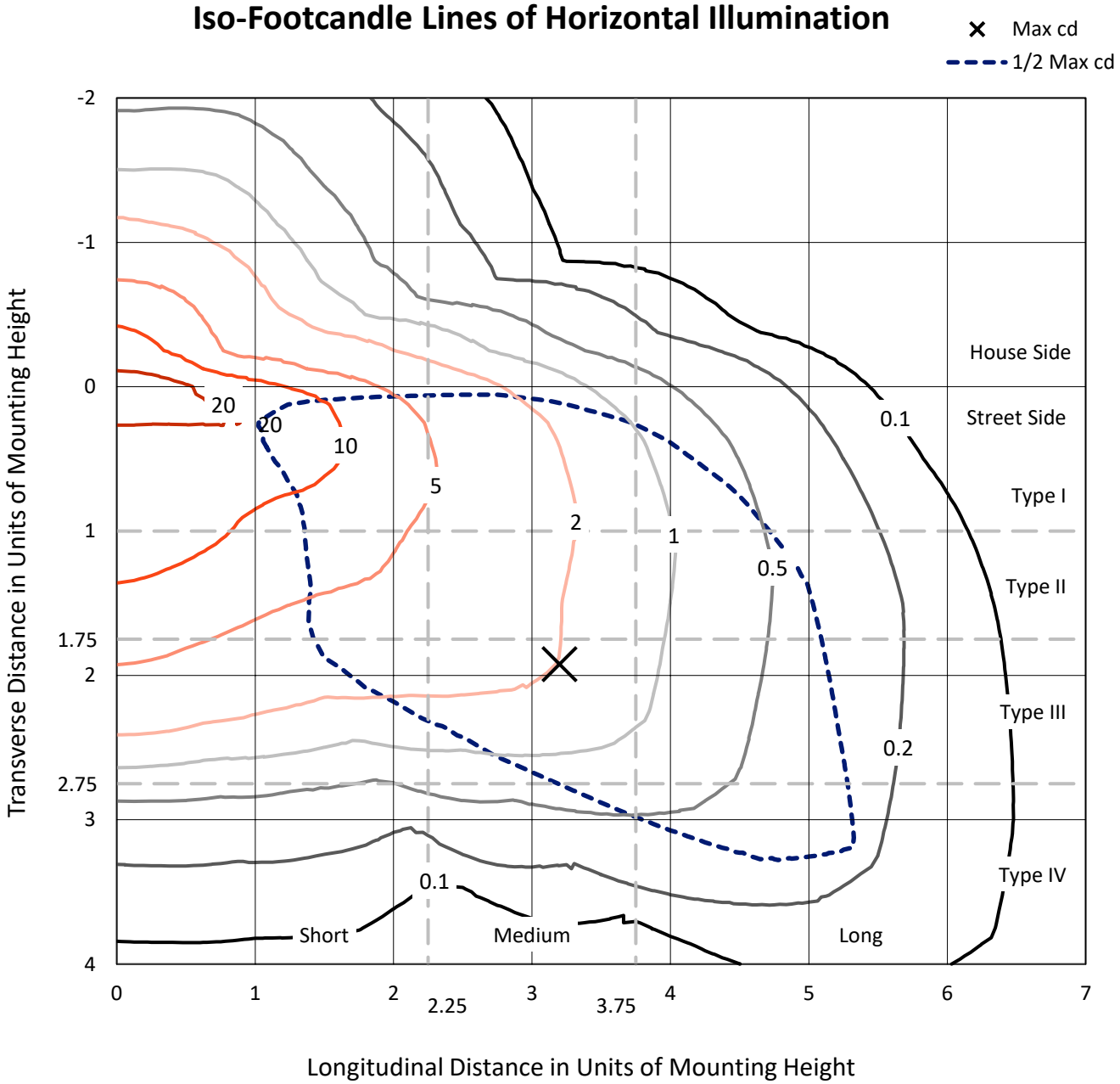


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Iso-Footcandle Lines of Horizontal Illumination



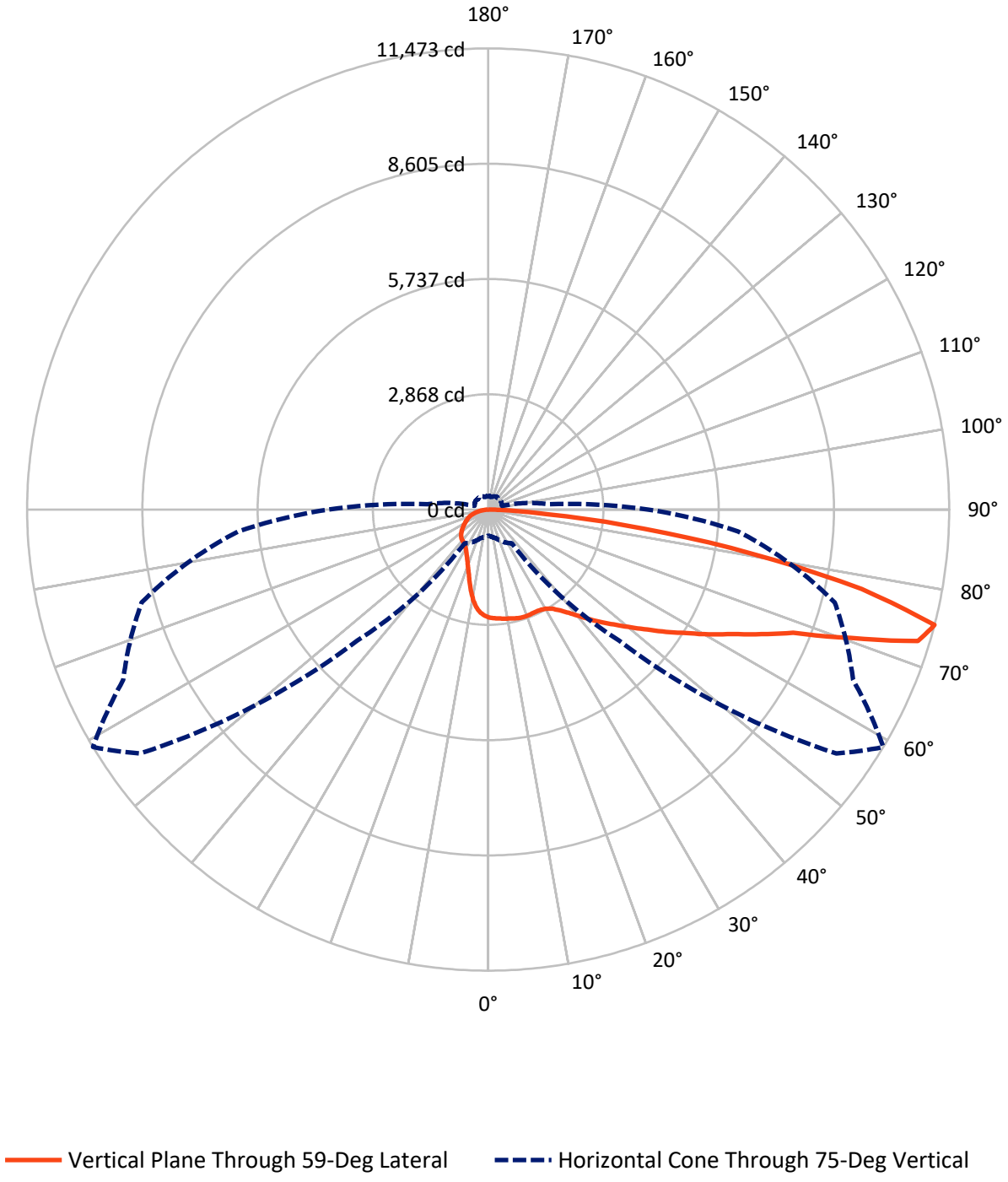
Based on 10 foot mounting height. Maximum calculated value = 26.9 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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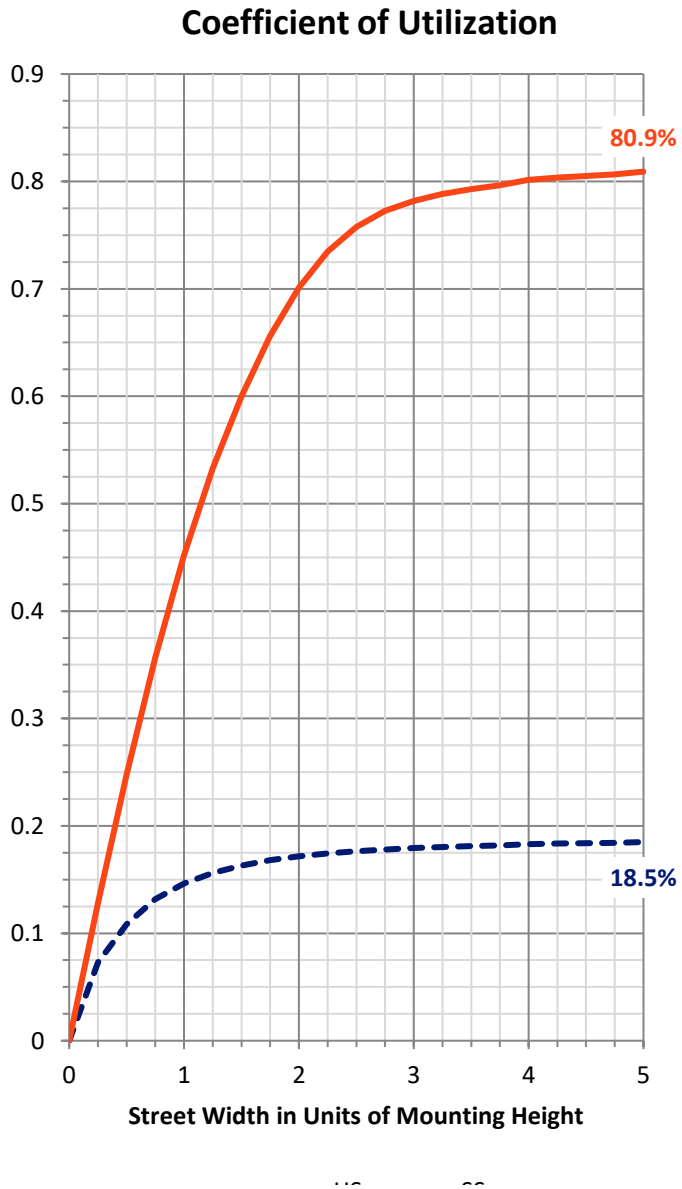
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2744.7	0.0	2744.7
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	11889.3	0.0	11889.3
	% Fixture	81.2	0.0	81.2
Total	Lumens	14634.0	0.0	14634.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.8	1.6
10°-20°	615.6	4.2
20°-30°	935.1	6.4
30°-40°	1390.0	9.5
40°-50°	2067.1	14.1
50°-60°	2805.9	19.2
60°-70°	3425.5	23.4
70°-80°	2688.3	18.4
80°-90°	465.7	3.2
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°	14634.0	100.0
0°-180°	14634.0	100.0



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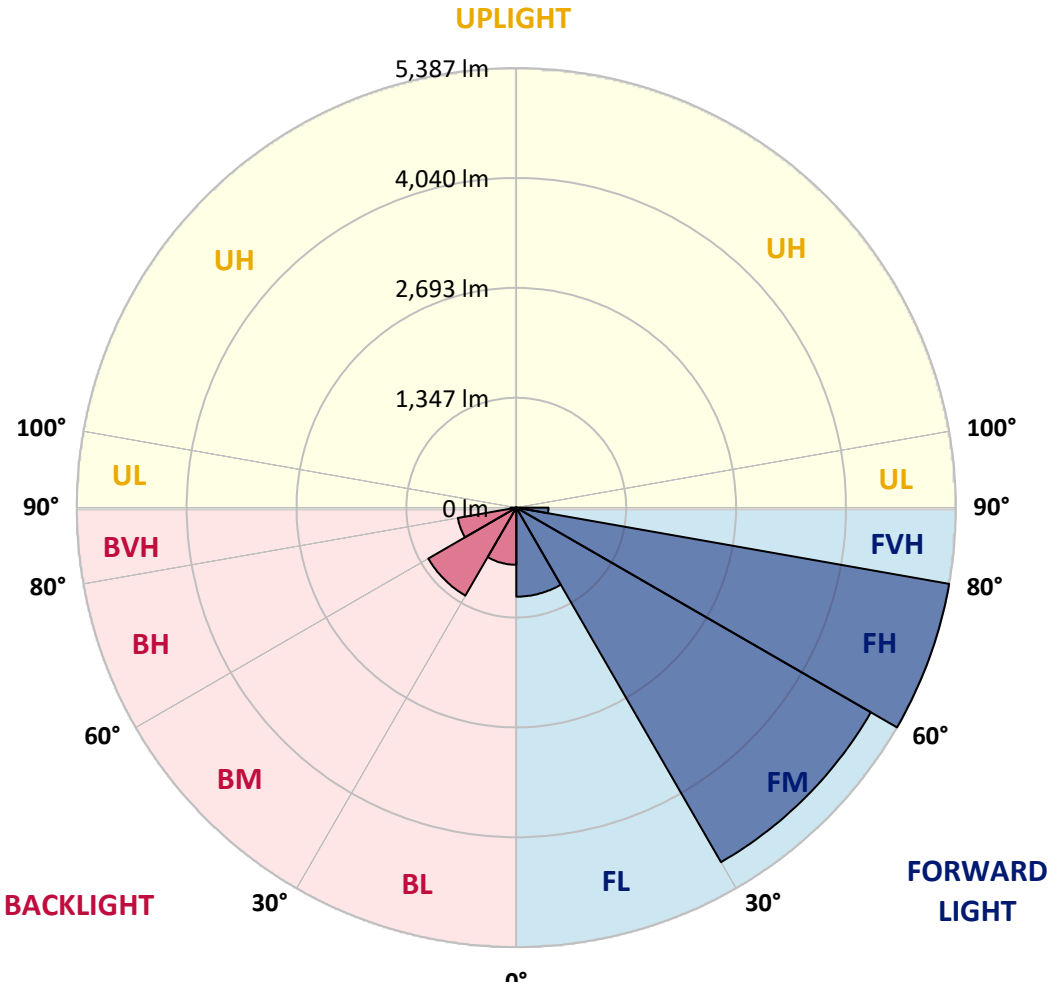
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1091.1	7.5			
FM	(30°-60°)	5017.1	34.3			
FH	(60°-80°)	5386.6	36.8			G3/7500
FVH	(80°-90°)	394.4	2.7			G3/500
BL	(0°-30°)	700.4	4.8	B2/1000		
BM	(30°-60°)	1245.8	8.5	B2/2500		
BH	(60°-80°)	727.2	5.0	B2/1000		G2/1000
BVH	(80°-90°)	71.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	*2686.0*	2686.0	2686.0	2686.0
2.5°	2708.9	2699.4	2708.9	2704.9	2703.4	2700.2	2701.0	*2706.5*	2703.4	2707.3	2693.9
5°	2690.8	2685.3	2694.7	2692.3	2702.6	2704.1	2714.4	*2720.7*	2724.6	2725.4	2715.2
7.5°	2660.8	2655.3	2668.7	2679.7	2701.8	2708.1	2729.3	*2739.6*	2745.1	2754.5	2739.6
10°	2551.4	2549.1	2582.1	2623.8	2675.8	2708.1	2740.4	*2757.7*	2766.3	2791.5	2774.2
12.5°	2357.8	2360.9	2404.2	2484.5	2588.4	2692.3	2753.0	*2778.1*	2791.5	2823.0	2815.1
15°	2172.8	2172.0	2219.2	2305.0	2450.7	2623.1	2759.3	*2802.5*	2825.4	2871.8	2865.5
17.5°	2065.7	2062.5	2095.6	2161.0	2296.4	2516.8	2743.5	*2815.9*	2864.7	2923.0	2917.5
20°	2046.0	2039.7	2057.0	2089.3	2185.4	2400.3	2702.6	*2815.9*	2896.2	2971.8	2968.7
22.5°	2117.7	2107.4	2100.3	2096.4	2138.9	2304.2	2656.1	*2806.5*	2942.7	3041.9	3036.4
25°	2261.7	2246.0	2209.8	2174.3	2161.7	2260.9	2615.2	*2804.1*	3012.0	3136.3	3115.9
27.5°	2494.7	2475.1	2401.8	2316.8	2240.5	2283.0	2597.1	*2818.3*	3088.3	3236.3	3195.4
30°	2783.7	2762.4	2670.3	2539.6	2402.6	2364.8	2619.9	*2860.0*	3185.9	3369.4	3289.1
32.5°	3042.7	3019.0	2940.3	2807.3	2622.3	2506.5	2692.3	*2939.5*	3339.4	3554.4	3430.0
35°	3272.5	3245.0	3174.1	3051.3	2891.5	2705.7	2823.0	*3080.4*	3557.5	3855.1	3621.3
37.5°	3497.7	3465.4	3388.2	3258.4	3146.6	2971.0	3003.3	*3261.5*	3847.2	4220.4	3874.8
40°	3749.6	3703.1	3609.5	3481.1	3372.5	3282.0	3240.2	*3483.5*	4141.6	4628.1	4191.2
42.5°	3993.6	3949.5	3837.8	3728.3	3592.1	3566.2	3515.0	*3743.3*	4463.6	5076.1	4512.4
45°	4256.6	4203.8	4068.4	3929.9	3844.1	3755.1	3781.1	*4003.1*	4779.3	5532.7	4849.4
47.5°	4503.0	4443.9	4284.1	4129.8	4082.6	3914.1	4025.1	*4288.8*	5107.6	5995.6	5183.1
50°	4636.0	4577.8	4444.7	4305.4	4268.4	4110.1	4289.6	*4602.9*	5451.6	6456.9	5503.5
52.5°	4747.0	4684.0	4510.1	4432.9	4421.9	4323.5	4615.5	*4961.9*	5795.6	6864.7	5812.9
55°	4865.1	4795.0	4573.0	4503.8	4554.1	4562.8	5002.1	*5368.9*	6159.3	7262.2	6105.0
57.5°	5001.3	4912.3	4633.7	4563.6	4683.2	4843.1	5446.1	*5790.9*	6516.7	7630.6	6364.8
60°	5129.6	5039.9	4750.2	4658.8	4822.6	5168.2	5955.4	*6301.8*	6921.4	7958.9	6610.4
62.5°	5154.8	5080.8	4843.1	4842.3	5011.5	5547.6	6558.4	*6817.4*	7274.8	8283.3	6830.8
65°	4718.7	4672.2	4531.3	4835.2	5282.3	6094.0	7229.9	*7477.1*	7724.3	8566.7	7024.5
67.5°	3591.4	3597.7	3587.4	4173.9	5063.5	6878.8	8202.2	*8183.3*	8279.3	8884.7	7247.3
70°	1642.2	1679.2	1920.1	2881.3	4056.6	6969.4	9809.7	*9564.9*	8976.0	9296.4	7440.1
72.5°	887.2	915.6	1014.0	1395.8	2438.8	6196.3	11011.0	*11185.0*	9902.6	9573.5	7228.4
75°	*651.0*	*666.8*	*735.3*	*887.2*	*1024.2*	*4605.3*	*10580.4*	*11473.1*	*10018.3*	*8927.2*	*6242.0*
77.5°	487.3	494.4	550.3	703.0	524.3	2427.8	8454.1	*9501.9*	8576.1	7334.6	4610.8
80°	353.5	361.3	403.1	527.4	367.6	888.0	5805.1	*6669.4*	5873.5	4675.4	2297.9
82.5°	244.0	247.2	265.3	359.0	256.6	344.8	3293.8	*3911.0*	3278.8	1640.6	620.3
85°	147.2	151.1	159.0	209.4	145.6	163.7	1421.7	*1470.6*	980.1	392.0	192.9
87.5°	60.6	64.6	70.9	88.2	57.5	45.7	234.6	*294.4*	183.4	114.9	59.8
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°	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0	2686.0
2.5°	2690.0	2684.5	2669.5	2649.0	2630.1	2606.5	2596.3	2587.6	2579.8	2564.8	2557.7
5°	2706.5	2691.5	2651.4	2599.4	2540.4	2475.8	2412.9	2369.6	2332.6	2305.0	2282.2
7.5°	2731.7	2703.4	2630.1	2523.9	2388.5	2249.9	2124.7	2035.8	1968.9	1944.5	1902.0
10°	2757.7	2723.8	2596.3	2408.9	2175.1	1961.8	1795.7	1704.4	1650.8	1633.5	1606.7
12.5°	2788.4	2738.8	2543.5	2249.1	1936.6	1702.8	1557.9	1504.4	1476.8	1467.4	1469.8
15°	2833.3	2751.4	2464.0	2049.2	1709.1	1513.8	1420.2	1383.2	1369.0	1368.2	1371.4
17.5°	2867.1	2753.7	2340.4	1835.0	1534.3	1399.7	1322.6	1308.4	1317.8	1332.0	1337.5
20°	2904.9	2732.5	2178.3	1639.8	1411.5	1299.7	1267.4	1276.9	1299.7	1320.2	1327.3
22.5°	2931.7	2693.9	1982.3	1487.9	1305.2	1242.3	1240.7	1260.4	1273.0	1283.2	1288.7
25°	2955.3	2628.6	1774.4	1360.3	1217.8	1207.6	1224.9	1218.6	1210.0	1218.6	1224.1
27.5°	2972.6	2525.4	1588.6	1248.6	1156.4	1184.0	1173.8	1159.6	1158.8	1163.5	1171.4
30°	2967.1	2387.7	1435.9	1142.3	1113.1	1139.9	1115.5	1113.1	1110.8	1113.1	1121.8
32.5°	2967.1	2231.0	1318.6	1069.1	1085.6	1075.4	1073.0	1067.5	1058.0	1057.3	1067.5
35°	2983.6	2074.4	1217.8	1029.7	1062.8	1038.4	1039.9	1026.6	1006.9	997.4	1006.9
37.5°	3017.5	1948.4	1117.9	1010.8	1022.6	1021.8	1015.5	992.7	958.1	928.1	938.4
40°	3099.3	1911.4	1049.4	1002.1	1003.7	1013.2	996.6	952.6	873.8	825.0	831.3
42.5°	3227.7	1973.6	1034.4	980.9	991.1	1000.6	968.3	866.0	810.1	780.9	780.9
45°	3390.6	2082.2	1066.7	950.2	961.2	977.7	881.7	832.9	807.7	808.5	812.4
47.5°	3596.9	2196.4	1126.5	923.4	917.9	927.4	824.2	794.3	759.7	768.3	790.4
50°	3835.4	2312.1	1183.2	887.2	869.9	839.2	787.2	758.9	714.8	694.3	699.8
52.5°	4093.6	2423.9	1206.0	843.1	817.9	782.5	762.0	727.4	673.9	640.0	639.2
55°	4338.4	2525.4	1180.8	790.4	766.0	738.4	735.3	714.0	656.6	609.3	609.3
57.5°	4569.9	2610.5	1117.9	736.8	713.2	696.7	718.0	707.7	635.3	574.7	571.5
60°	4765.9	2668.7	1026.6	682.5	666.0	657.3	689.6	686.5	605.4	537.7	535.3
62.5°	4921.8	2691.5	925.8	630.6	626.6	610.9	650.3	650.3	567.6	501.5	499.1
65°	5043.8	2669.5	823.4	579.4	587.3	563.7	602.2	597.5	527.4	469.2	466.0
67.5°	5151.7	2597.1	710.1	529.0	547.1	517.2	551.9	540.8	483.4	436.9	433.8
70°	5199.7	2428.6	581.0	478.6	500.7	471.6	501.5	481.0	433.8	402.3	396.0
72.5°	4813.9	2018.5	457.4	425.9	444.8	421.2	447.1	423.5	380.2	366.1	354.3
75°	*3982.6*	*1514.6*	*351.9*	*368.4*	*382.6*	*364.5*	*381.8*	*364.5*	*325.1*	*335.4*	*306.2*
77.5°	2892.3	1022.6	269.2	307.8	314.1	304.7	319.6	299.9	264.5	262.1	250.3
80°	1438.3	599.1	211.0	243.3	240.9	234.6	251.9	242.5	212.6	225.1	222.8
82.5°	416.4	256.6	153.5	170.8	166.1	167.7	180.3	185.0	277.1	274.7	281.0
85°	130.7	100.8	92.1	95.3	90.5	92.9	106.3	211.0	195.2	114.1	123.6
87.5°	33.9	34.6	22.8	24.4	25.2	29.9	33.9	128.3	61.4	40.1	42.5
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)