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: P1202636

Luminaire Tested: GWC-SB2A-735-U-T3-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202636
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7035 lumens
Efficiency:	N/A
Efficacy:	122.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

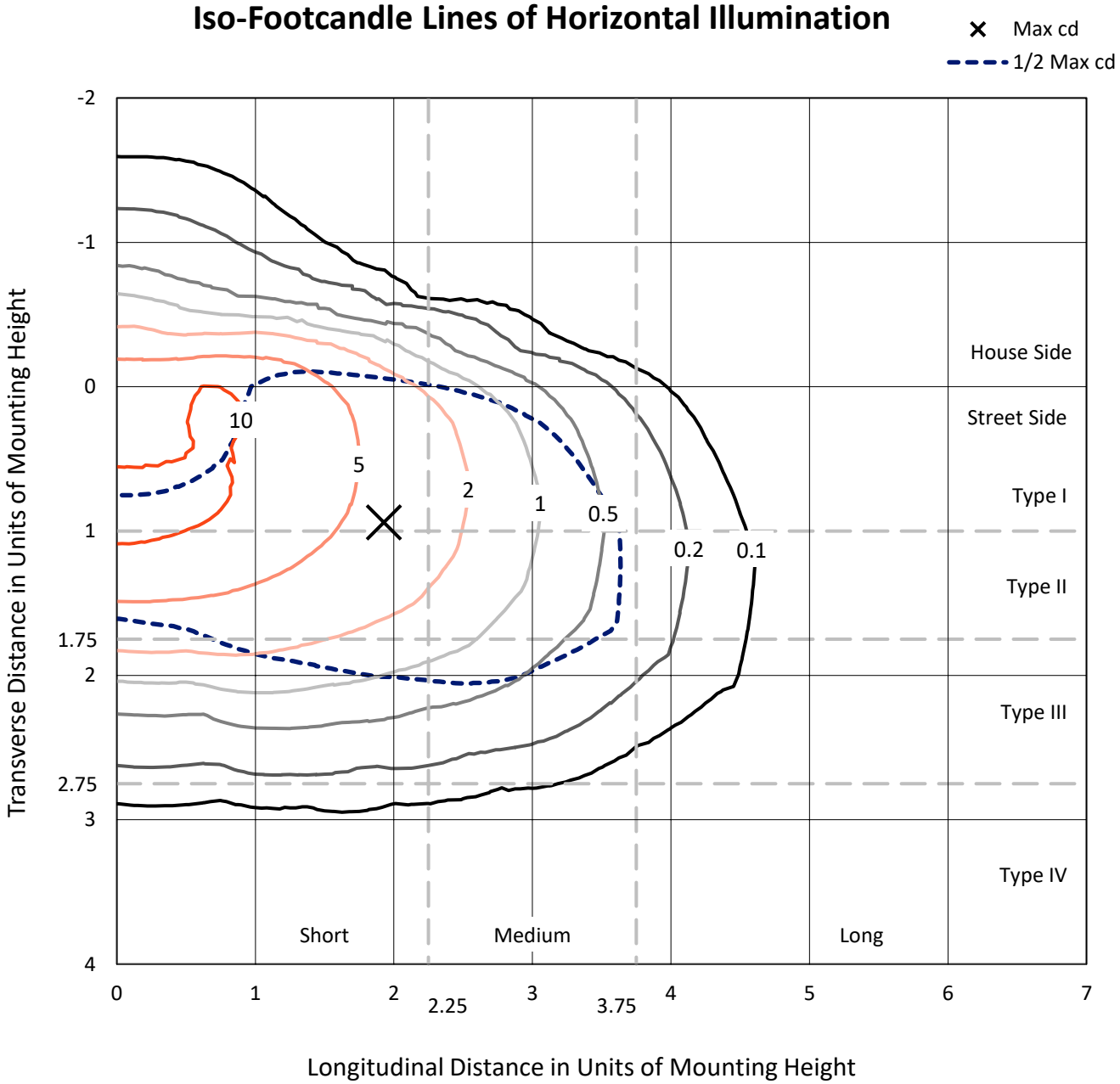


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Iso-Footcandle Lines of Horizontal Illumination



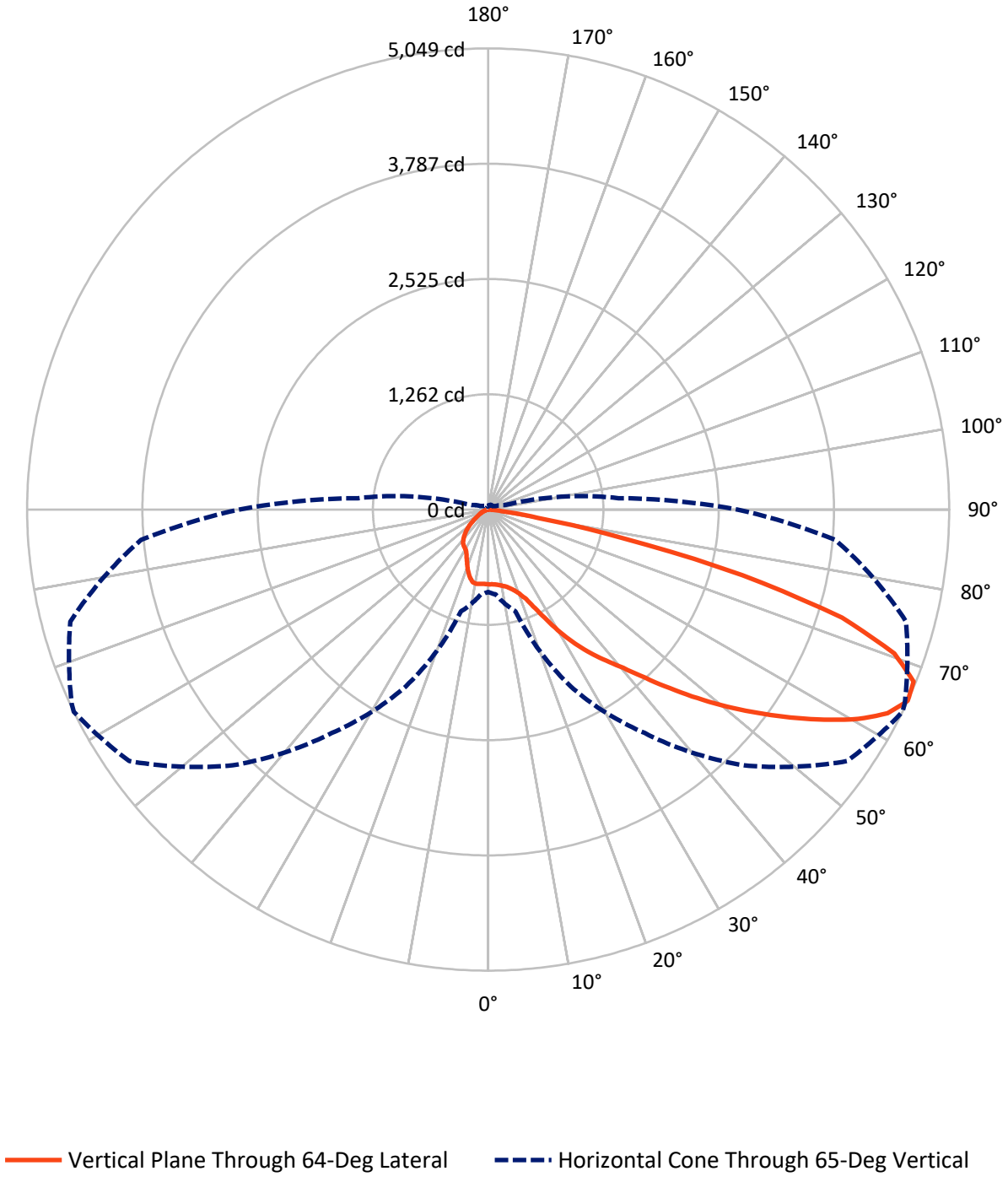
Based on 10 foot mounting height. Maximum calculated value = 12.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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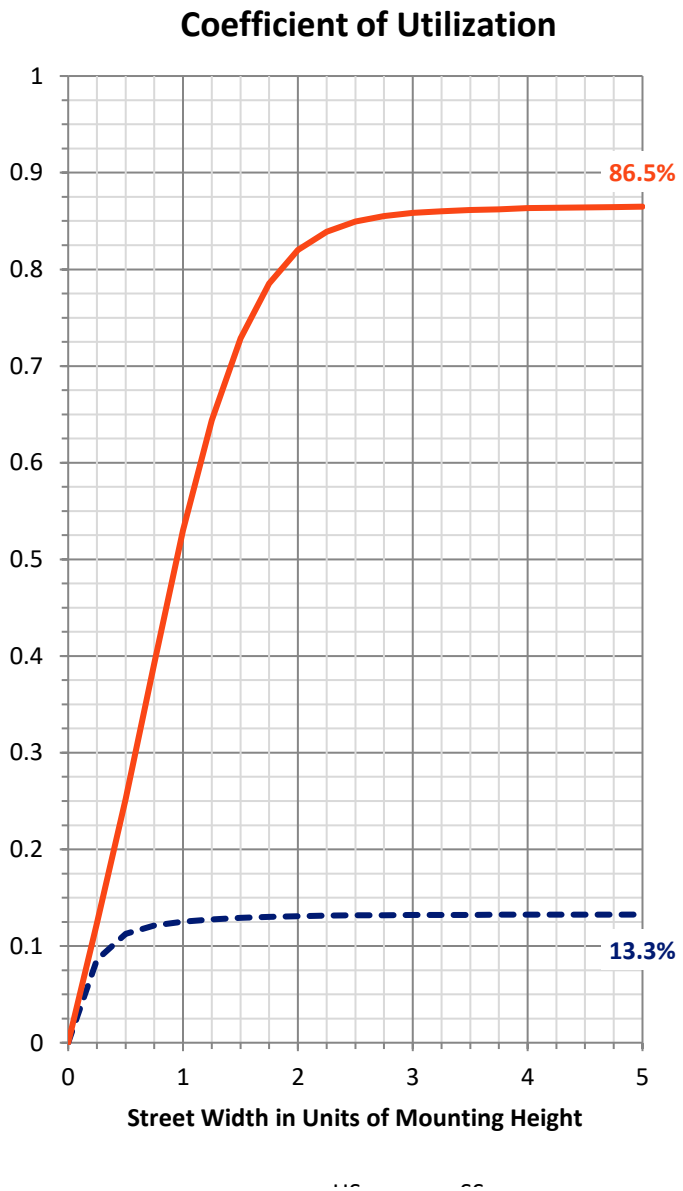
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	940.8	0.0	940.8
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	6094.2	0.0	6094.2
	% Fixture	86.6	0.0	86.6
Total	Lumens	7035.0	0.0	7035.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	1.1
10°-20°	204.8	2.9
20°-30°	388.0	5.5
30°-40°	785.1	11.2
40°-50°	1337.4	19.0
50°-60°	1818.8	25.9
60°-70°	1708.0	24.3
70°-80°	684.3	9.7
80°-90°	33.1	0.5
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°	7035.0	100.0
0°-180°	7035.0	100.0



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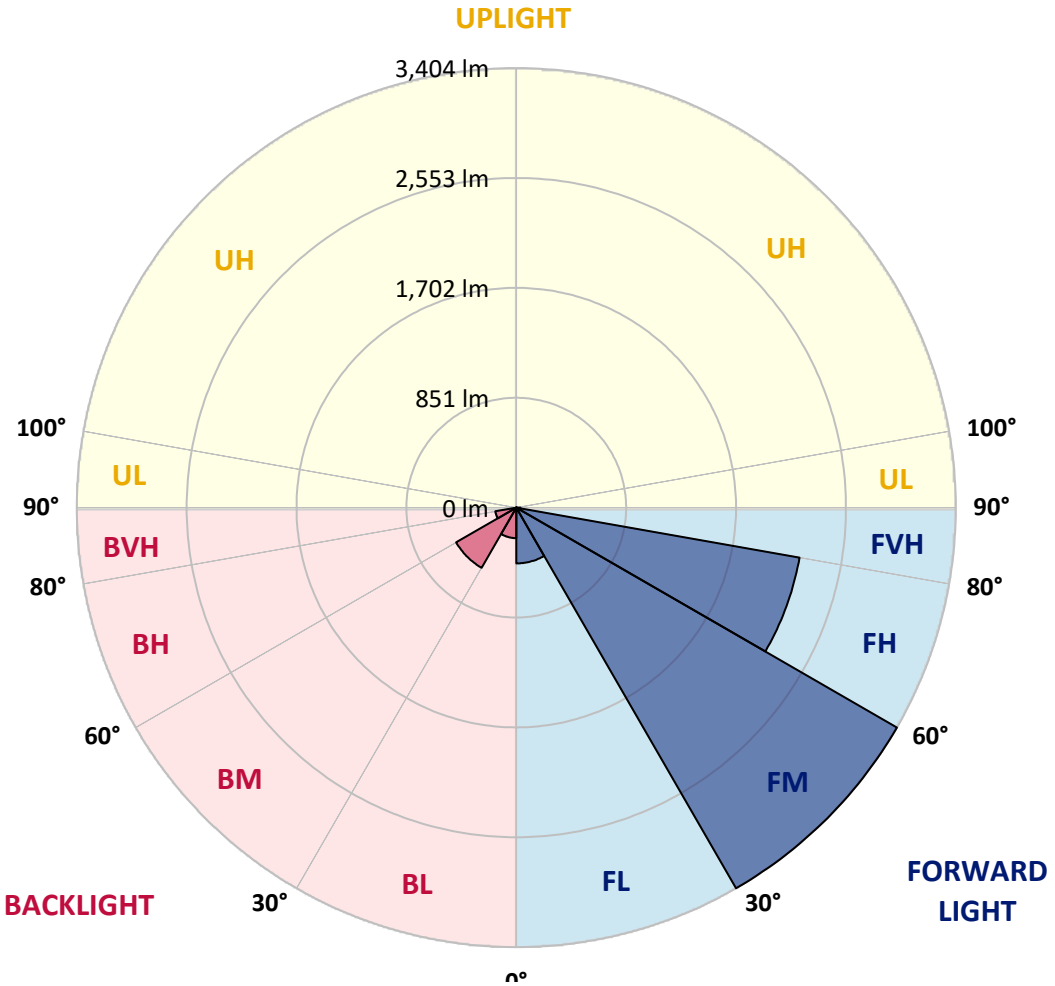
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	432.0	6.1			
FM	(30°-60°)	3403.5	48.4			
FH	(60°-80°)	2227.1	31.7			G2/5000
FVH	(80°-90°)	31.5	0.4			G1/100
BL	(0°-30°)	236.2	3.4	B1/500		
BM	(30°-60°)	537.8	7.6	B1/1000		
BH	(60°-80°)	165.1	2.3	B1/500		G1/500
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	818.2	818.2	818.2	818.2	818.2	818.2	818.2	*818.2*	818.2	818.2	818.2
2.5°	815.4	821.1	819.7	818.2	817.8	818.7	819.2	*818.7*	818.7	818.7	819.2
5°	799.9	804.6	804.6	807.9	812.6	818.2	822.5	*823.4*	824.4	825.8	825.3
7.5°	770.1	773.9	776.7	787.6	799.4	814.5	827.2	*833.8*	834.7	839.9	841.8
10°	749.9	754.6	759.3	770.6	787.6	810.2	831.9	*848.0*	850.3	862.6	868.2
12.5°	748.9	753.6	759.8	772.0	791.8	815.9	842.3	*865.4*	869.6	887.6	899.4
15°	758.8	764.5	770.1	785.2	806.5	835.7	864.0	*892.8*	897.0	922.5	935.2
17.5°	779.1	786.6	790.9	806.0	828.6	861.2	898.4	*931.4*	935.2	964.9	980.9
20°	819.2	828.1	829.6	841.8	864.0	898.9	943.2	*984.3*	989.0	1022.9	1040.8
22.5°	902.2	914.9	903.6	909.7	929.5	964.4	1012.5	*1064.4*	1071.0	1109.7	1125.7
25°	1048.4	1066.3	1037.1	1026.7	1035.2	1071.5	1131.9	*1197.4*	1205.0	1236.1	1244.1
27.5°	1335.6	1312.5	1268.2	1224.8	1199.3	1220.1	1288.0	*1369.1*	1378.5	1408.7	1399.3
30°	1651.1	1630.8	1570.9	1474.7	1414.4	1411.1	1473.8	*1564.3*	1575.2	1603.9	1575.2
32.5°	1967.1	1947.7	1882.7	1764.3	1659.6	1607.7	1651.1	*1751.6*	1757.2	1775.6	1733.2
35°	2277.9	2258.1	2193.0	2071.8	1943.0	1825.1	1816.6	*1929.8*	1931.7	1951.1	1887.9
37.5°	2590.6	2574.0	2504.7	2385.9	2259.0	2096.3	2017.5	*2098.7*	2101.0	2119.9	2054.3
40°	2813.6	2820.7	2773.1	2681.1	2572.2	2394.4	2243.0	*2278.3*	2264.2	2295.8	2256.7
42.5°	3005.1	3019.2	2977.7	2931.5	2868.3	2711.8	2522.2	*2516.0*	2493.4	2510.4	2469.8
45°	3170.6	3182.4	3145.2	3134.3	3132.9	3023.0	2827.3	*2790.5*	2758.9	2755.6	2707.0
47.5°	3231.5	3254.1	3270.1	3306.5	3377.2	3331.0	3142.8	*3085.7*	3050.4	3024.4	2947.6
50°	3254.6	3278.6	3333.3	3439.0	3606.4	3626.2	3456.9	*3392.8*	3349.4	3302.2	3189.0
52.5°	3223.5	3266.4	3339.9	3517.7	3760.6	3863.0	3758.3	*3702.1*	3652.6	3575.7	3407.9
55°	3040.0	3082.9	3233.4	3516.8	3837.5	4029.0	4043.1	*4018.1*	3962.5	3841.3	3584.7
57.5°	2653.3	2716.9	2955.1	3397.0	3836.1	4171.9	4322.3	*4340.2*	4278.0	4104.4	3723.8
60°	2117.5	2203.8	2494.3	3131.5	3717.7	4249.2	4567.1	*4656.7*	4590.7	4363.8	3836.5
62.5°	1477.6	1577.5	1852.5	2715.5	3447.0	4193.6	4745.8	*4911.3*	4861.4	4595.8	3879.9
65°	*901.2*	*933.3*	*1155.0*	*2136.9*	*2986.7*	*3960.6*	*4801.0*	*5049.1*	*5032.6*	*4737.8*	*3815.8*
67.5°	600.4	627.2	690.9	1465.3	2318.4	3495.1	4668.9	*5025.0*	5029.7	4714.7	3580.9
70°	361.7	384.8	426.3	852.2	1502.5	2766.5	4260.1	*4718.5*	4745.8	4405.8	3135.7
72.5°	149.0	164.6	202.3	386.2	778.2	1755.8	3392.3	*4051.1*	4114.8	3704.5	2406.6
75°	84.4	92.4	118.8	193.8	337.7	818.2	2054.8	*2875.9*	2969.7	2553.3	1447.8
77.5°	56.1	59.9	76.9	125.4	190.1	279.2	878.1	*1498.3*	1677.5	1394.6	626.8
80°	37.7	41.0	52.8	83.9	123.6	119.8	279.7	*555.1*	682.9	479.2	152.8
82.5°	25.5	25.9	37.7	55.2	78.3	58.0	82.5	*172.6*	216.9	138.7	58.0
85°	14.6	14.1	27.8	32.1	34.9	24.1	25.0	*51.9*	67.9	58.5	33.0
87.5°	1.9	2.8	10.8	8.5	4.7	5.2	5.2	*9.0*	13.2	14.1	7.1
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°	818.2	818.2	818.2	818.2	818.2	818.2	818.2	818.2	818.2	818.2	818.2
2.5°	819.2	818.7	817.3	815.9	812.6	810.7	811.6	810.7	810.2	810.7	812.6
5°	825.3	823.9	820.1	815.4	808.8	800.8	795.6	788.1	781.0	776.7	777.7
7.5°	841.8	840.4	835.2	822.0	800.8	767.3	736.7	709.8	689.5	677.7	678.2
10°	868.2	865.9	857.9	828.6	773.0	699.9	639.0	588.6	555.6	540.0	538.6
12.5°	899.4	896.5	882.4	822.5	720.1	606.0	522.1	466.0	435.3	421.6	420.2
15°	936.1	932.4	904.5	793.2	643.3	502.3	425.4	383.4	363.6	351.3	351.8
17.5°	981.9	975.3	921.1	749.4	559.8	423.0	366.0	334.4	316.9	305.1	304.2
20°	1041.3	1030.5	934.3	697.0	482.9	373.0	325.9	299.5	286.3	275.9	274.0
22.5°	1124.3	1108.8	950.3	640.4	428.7	338.6	296.2	276.8	266.0	254.2	252.3
25°	1227.1	1208.7	970.1	588.1	391.4	308.9	274.5	258.4	245.7	232.0	230.6
27.5°	1371.0	1338.0	993.7	545.2	359.4	283.4	254.7	236.7	222.1	210.8	208.5
30°	1531.3	1477.1	1014.4	519.2	330.1	259.9	228.7	210.8	197.1	189.1	187.7
32.5°	1683.2	1609.6	1028.1	507.9	303.7	233.0	200.4	181.1	170.7	168.4	169.8
35°	1826.5	1729.4	1026.7	497.1	280.1	206.1	172.6	152.8	144.8	146.2	146.2
37.5°	1991.6	1857.2	1016.8	480.1	260.8	181.6	148.6	131.1	124.0	124.5	126.4
40°	2183.6	2004.8	1010.7	448.0	239.6	158.9	128.7	114.6	109.4	107.5	107.1
42.5°	2388.2	2147.7	1011.6	411.7	213.2	138.7	115.1	103.3	98.6	97.2	96.7
45°	2593.9	2284.0	1013.0	374.0	185.3	123.1	105.2	95.3	92.4	90.5	90.5
47.5°	2787.2	2400.0	986.6	333.4	158.0	111.3	97.2	90.5	88.2	85.8	85.8
50°	2967.4	2477.4	922.9	286.3	136.3	101.9	91.0	86.3	83.9	81.6	81.6
52.5°	3107.4	2489.6	817.8	237.7	121.2	94.8	87.2	83.0	80.2	77.8	77.3
55°	3169.7	2412.8	668.3	192.4	109.4	88.7	83.5	79.2	75.9	73.6	73.1
57.5°	3153.7	2251.0	521.1	154.7	98.1	82.5	78.8	75.9	72.2	68.4	67.9
60°	3074.9	2034.5	392.9	128.7	87.7	75.9	73.6	71.2	66.0	60.4	59.4
62.5°	2938.6	1762.4	280.1	106.6	76.4	68.4	67.4	65.6	58.0	47.6	46.7
65°	*2730.2*	*1431.8*	*188.6*	*88.7*	*65.6*	*59.9*	*60.4*	*57.1*	*47.2*	*35.4*	*34.4*
67.5°	2425.5	1047.0	120.7	72.6	54.7	50.0	50.5	48.6	40.1	30.2	28.8
70°	2037.4	693.3	78.8	55.2	43.9	38.7	41.5	42.0	34.0	24.5	23.6
72.5°	1493.6	409.4	55.2	41.0	32.1	26.9	34.0	34.9	27.4	18.4	17.4
75°	851.3	194.3	41.5	29.7	19.8	18.9	26.4	26.4	18.9	12.3	11.3
77.5°	357.5	81.1	29.2	19.3	11.3	10.8	17.9	16.5	9.4	5.7	5.7
80°	103.3	36.3	15.6	9.4	4.7	4.2	7.1	5.2	2.4	0.9	0.9
82.5°	40.6	16.0	6.1	3.8	1.9	1.9	0.9	0.0	0.0	0.0	0.0
85°	24.1	6.6	2.8	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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SS

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(END OF REPORT)