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: P1201513

Luminaire Tested: GWC-SB1B-735-U-T2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201513
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-735-U-T2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5609 lumens
Efficiency:	N/A
Efficacy:	140.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

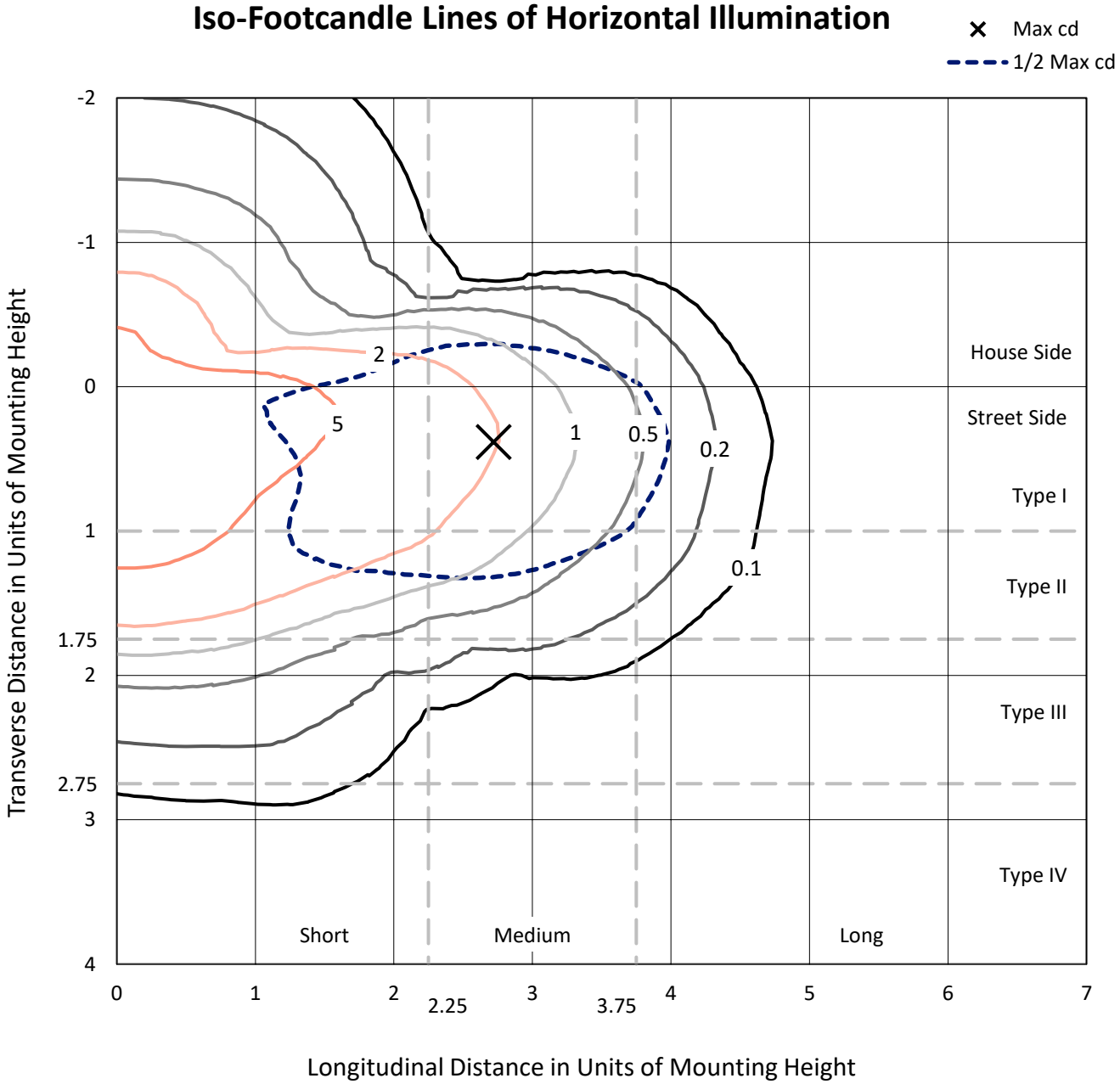


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Iso-Footcandle Lines of Horizontal Illumination



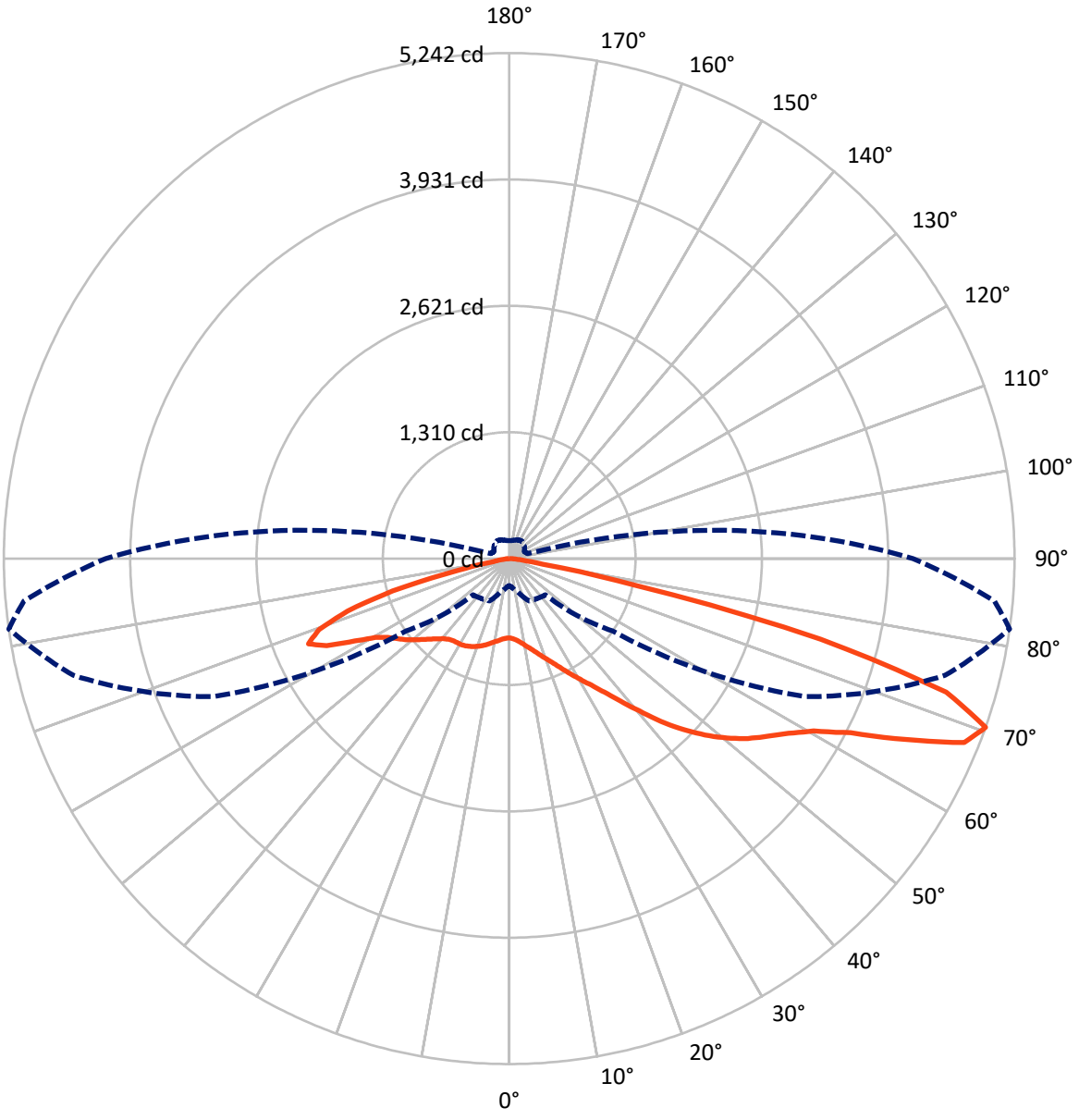
Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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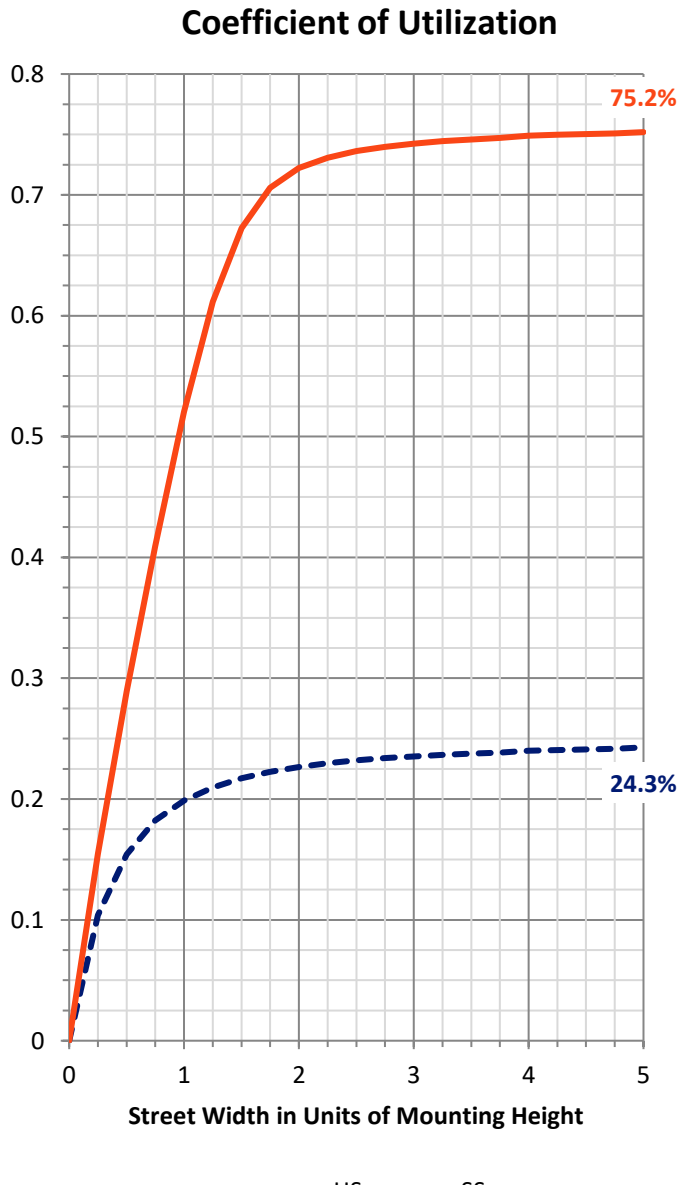
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1382.8	0.0	1382.8
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	4226.2	0.0	4226.2
	% Fixture	75.3	0.0	75.3
Total	Lumens	5609.0	0.0	5609.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	1.4
10°-20°	223.1	4.0
20°-30°	373.2	6.7
30°-40°	583.0	10.4
40°-50°	928.5	16.6
50°-60°	1292.1	23.0
60°-70°	1351.6	24.1
70°-80°	706.4	12.6
80°-90°	73.4	1.3
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°	5609.0	100.0
0°-180°	5609.0	100.0



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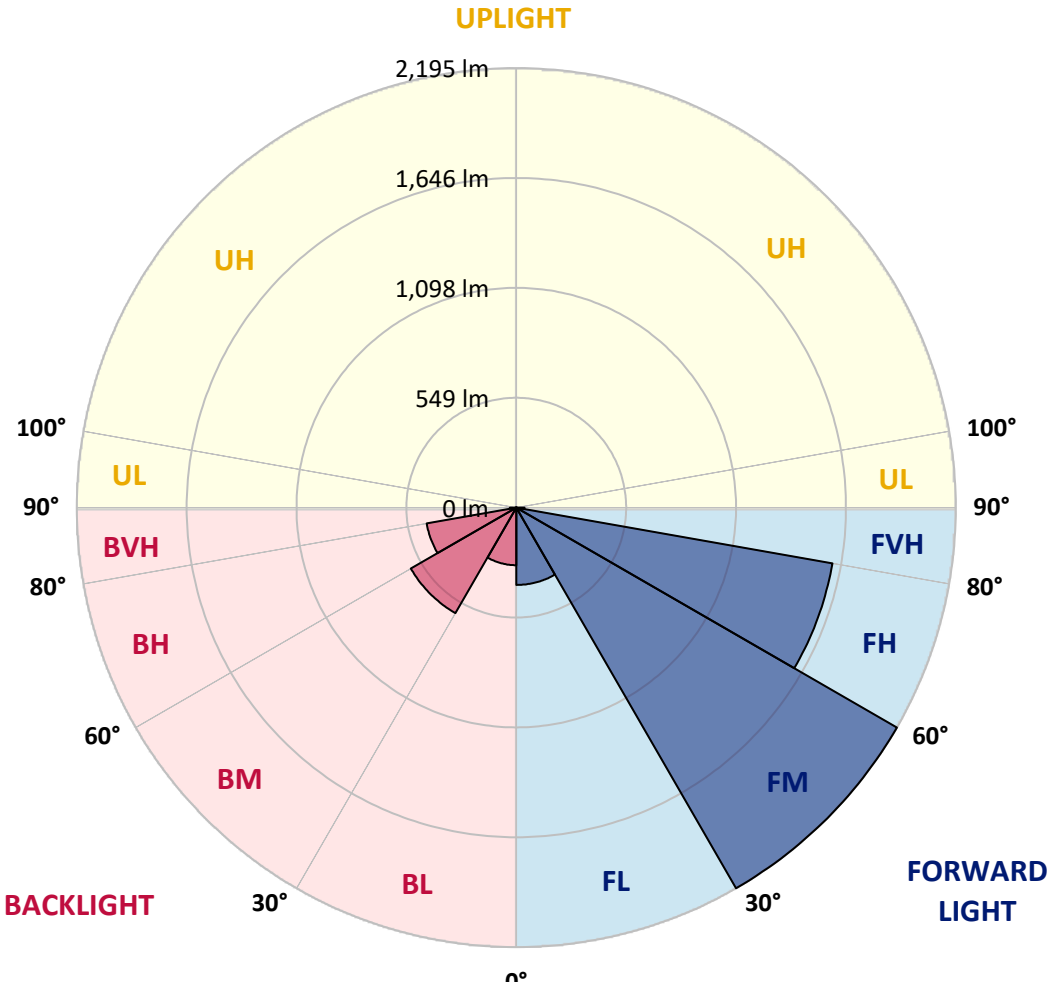
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	386.2	6.9			
FM	(30°-60°)	2195.3	39.1			
FH	(60°-80°)	1603.6	28.6			G1/1800
FVH	(80°-90°)	41.1	0.7			G1/100
BL	(0°-30°)	287.7	5.1	B1/500		
BM	(30°-60°)	608.4	10.8	B1/1000		
BH	(60°-80°)	454.5	8.1	B1/500		G1/500
BVH	(80°-90°)	32.3	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3	*822.3*	822.3
2.5°	842.0	846.8	845.3	843.8	843.8	841.7	841.4	838.4	836.0	*832.2*	831.3
5°	852.7	857.8	857.2	858.4	862.2	863.1	864.0	862.2	857.5	*852.7*	850.6
7.5°	843.2	848.8	850.6	857.8	869.7	880.4	888.4	891.7	887.2	*880.4*	877.1
10°	811.0	817.3	823.5	840.5	861.6	886.9	908.4	921.2	920.3	*913.7*	908.1
12.5°	745.9	752.4	765.8	798.8	837.5	882.2	922.1	948.8	958.1	*953.3*	943.5
15°	693.8	699.4	709.5	743.5	793.8	861.6	927.1	979.2	1002.7	*1000.0*	988.1
17.5°	692.3	694.7	700.9	717.0	755.7	829.5	921.8	1009.0	1053.9	*1053.6*	1038.7
20°	718.5	719.4	722.9	726.2	748.2	805.1	908.1	1033.7	1111.3	*1111.3*	1095.3
22.5°	754.8	754.2	757.8	754.8	765.5	803.0	899.4	1055.4	1175.3	*1180.1*	1159.9
25°	809.3	806.3	805.4	798.5	800.6	822.3	909.0	1080.1	1251.2	*1261.1*	1235.8
27.5°	881.9	877.1	873.8	858.1	852.7	862.2	938.1	1109.9	1335.8	*1352.7*	1320.6
30°	976.5	967.9	963.1	935.7	916.4	917.9	982.2	1149.4	1424.2	*1451.5*	1410.8
32.5°	1105.7	1092.3	1079.5	1034.6	999.1	987.5	1039.0	1204.2	1520.0	*1563.7*	1511.4
35°	1250.3	1239.6	1225.9	1156.6	1102.1	1075.3	1115.8	1280.7	1632.2	*1701.5*	1633.4
37.5°	1389.6	1380.4	1387.0	1293.5	1223.3	1184.3	1216.4	1383.4	1770.6	*1873.0*	1786.4
40°	1533.7	1526.5	1527.4	1438.1	1356.3	1312.5	1338.4	1512.3	1929.2	*2076.9*	1970.3
42.5°	1690.2	1684.9	1667.0	1587.9	1495.9	1455.1	1478.9	1661.1	2099.5	*2309.0*	2172.1
45°	1865.5	1862.3	1845.6	1754.8	1649.5	1603.6	1635.8	1825.4	2270.6	*2527.5*	2374.8
47.5°	2017.0	2019.7	2017.6	1941.1	1831.9	1764.6	1803.0	1996.8	2429.8	*2732.8*	2569.1
50°	2090.0	2103.9	2124.5	2100.7	2032.8	1964.4	1971.8	2162.3	2581.6	*2925.4*	2755.5
52.5°	2051.9	2078.3	2134.3	2172.4	2198.6	2184.3	2164.4	2326.6	2724.5	*3099.2*	2931.6
55°	1909.9	1947.1	2040.0	2131.9	2265.6	2369.4	2395.6	2508.7	2863.8	*3252.2*	3098.3
57.5°	1651.2	1711.7	1795.0	1981.0	2206.0	2459.0	2665.3	2761.4	3011.4	*3415.6*	3272.7
60°	1207.8	1288.7	1392.3	1669.1	1997.7	2411.1	2894.7	3149.5	3221.2	*3627.2*	3499.8
62.5°	772.9	822.9	918.2	1178.9	1556.6	2165.6	2965.0	3634.6	3576.9	*3974.2*	3840.3
65°	529.2	561.3	648.5	795.0	1006.3	1612.0	2776.9	3998.4	4141.8	*4524.3*	4422.5
67.5°	384.5	408.9	483.3	611.6	655.7	953.9	2154.8	3981.7	4690.9	*5090.9*	4932.6
70°	*280.4*	*297.6*	*360.1*	*483.3*	*504.5*	*530.7*	*1305.4*	*3384.6*	*4679.0*	*5241.5*	*5052.0*
72.5°	207.7	219.7	261.6	375.0	408.3	358.3	646.2	2459.9	4020.7	*4740.9*	4588.8
75°	150.3	159.2	190.2	286.9	326.8	272.9	322.3	1437.5	2804.6	*3334.9*	3361.7
77.5°	114.9	121.7	142.0	210.1	261.6	204.8	200.0	661.3	1329.8	*1336.4*	1411.4
80°	92.3	96.7	107.7	147.9	200.6	153.3	130.4	267.0	420.3	*355.7*	373.2
82.5°	67.9	75.3	91.1	103.9	143.5	105.7	79.5	134.8	159.8	*137.5*	138.7
85°	38.7	43.8	55.1	74.4	91.7	64.6	45.5	59.8	74.4	*61.0*	54.5
87.5°	13.7	17.9	19.3	29.2	39.9	26.8	17.6	17.3	24.4	*18.2*	15.2
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°	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3	822.3
2.5°	828.3	826.8	820.9	812.8	804.5	796.5	793.8	788.1	784.3	782.2	784.6
5°	845.0	840.2	826.2	808.4	789.6	769.4	755.1	742.0	732.5	723.5	727.1
7.5°	868.8	860.4	836.3	805.1	771.8	738.1	713.1	694.1	681.3	672.9	674.7
10°	896.5	883.7	846.8	800.0	748.5	700.3	670.9	654.5	646.5	642.0	643.2
12.5°	928.3	910.2	857.5	788.4	713.1	658.1	637.8	633.1	633.4	633.7	634.2
15°	967.6	942.3	866.1	763.1	667.0	625.6	622.0	629.8	637.8	641.7	641.4
17.5°	1011.9	976.2	867.6	721.5	621.7	604.8	616.1	632.8	645.0	650.3	651.5
20°	1059.6	1010.7	856.9	662.5	584.5	587.8	608.1	629.5	642.9	649.7	651.5
22.5°	1114.0	1047.7	831.3	600.6	554.2	569.4	593.2	614.0	628.0	634.8	636.6
25°	1176.2	1089.0	791.1	548.5	528.0	548.5	572.3	589.6	600.9	607.2	608.9
27.5°	1245.3	1132.2	737.5	507.2	505.1	527.1	546.7	560.1	566.1	570.9	572.6
30°	1314.6	1171.5	672.6	475.9	485.1	506.0	520.0	525.9	527.7	528.6	530.7
32.5°	1389.6	1205.4	604.5	450.0	466.1	485.4	493.8	496.4	488.1	482.5	484.2
35°	1480.4	1241.7	537.8	429.5	447.3	464.0	466.7	464.3	454.5	442.9	443.5
37.5°	1592.6	1286.9	484.5	414.9	429.8	440.8	437.5	436.9	437.8	424.1	425.0
40°	1730.1	1345.9	445.6	403.6	415.5	417.9	408.6	413.7	418.2	397.3	397.9
42.5°	1882.8	1417.0	420.8	395.8	403.6	397.9	383.6	389.3	388.7	361.3	361.0
45°	2038.5	1494.4	412.2	390.2	392.6	381.3	365.5	367.0	354.5	329.8	330.7
47.5°	2193.2	1577.4	417.6	385.4	378.9	366.1	353.9	347.3	328.9	310.4	310.4
50°	2345.0	1664.6	437.2	375.9	360.1	352.7	343.8	332.2	312.5	296.7	295.5
52.5°	2485.8	1752.4	459.2	360.1	336.6	341.1	335.4	322.0	302.7	286.6	286.9
55°	2619.1	1840.2	467.9	338.4	314.6	331.0	327.7	303.0	279.8	266.7	265.5
57.5°	2764.4	1945.9	458.3	310.7	296.7	319.4	306.9	279.5	266.1	256.3	255.4
60°	2965.6	2111.7	437.8	276.5	279.8	302.1	280.7	269.4	254.8	243.8	243.2
62.5°	3299.8	2420.9	404.8	242.6	259.8	276.5	268.2	256.9	242.0	231.3	231.3
65°	3793.9	2850.7	342.6	216.1	237.5	251.5	254.8	243.5	228.0	216.7	217.3
67.5°	4210.6	3120.3	259.2	194.1	214.6	231.3	240.5	229.5	213.1	202.1	202.4
70°	*4187.6*	*2924.5*	*197.9*	*172.3*	*194.4*	*211.3*	*223.2*	*214.6*	*197.0*	*186.6*	*187.5*
72.5°	3719.5	2446.5	160.1	150.3	173.8	190.5	204.8	198.2	180.4	170.2	170.2
75°	2732.5	1736.7	128.0	128.0	148.2	168.8	184.5	180.4	164.0	156.9	154.8
77.5°	1151.8	728.6	100.3	106.3	123.2	144.9	164.6	166.1	151.8	160.7	145.8
80°	306.3	200.9	76.5	83.6	96.7	119.6	143.2	142.6	127.1	118.8	110.4
82.5°	116.7	79.2	54.5	58.9	69.9	91.7	113.4	117.0	101.5	87.8	87.8
85°	44.9	33.9	33.6	35.4	40.8	60.7	85.7	88.7	76.5	64.9	67.0
87.5°	11.6	10.1	12.5	11.9	18.8	32.4	49.1	50.9	46.7	27.1	38.7
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)