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: P1201506

Luminaire Tested: GWC-SB1B-735-U-SL4-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201506
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-735-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3952 lumens
Efficiency:	N/A
Efficacy:	99.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

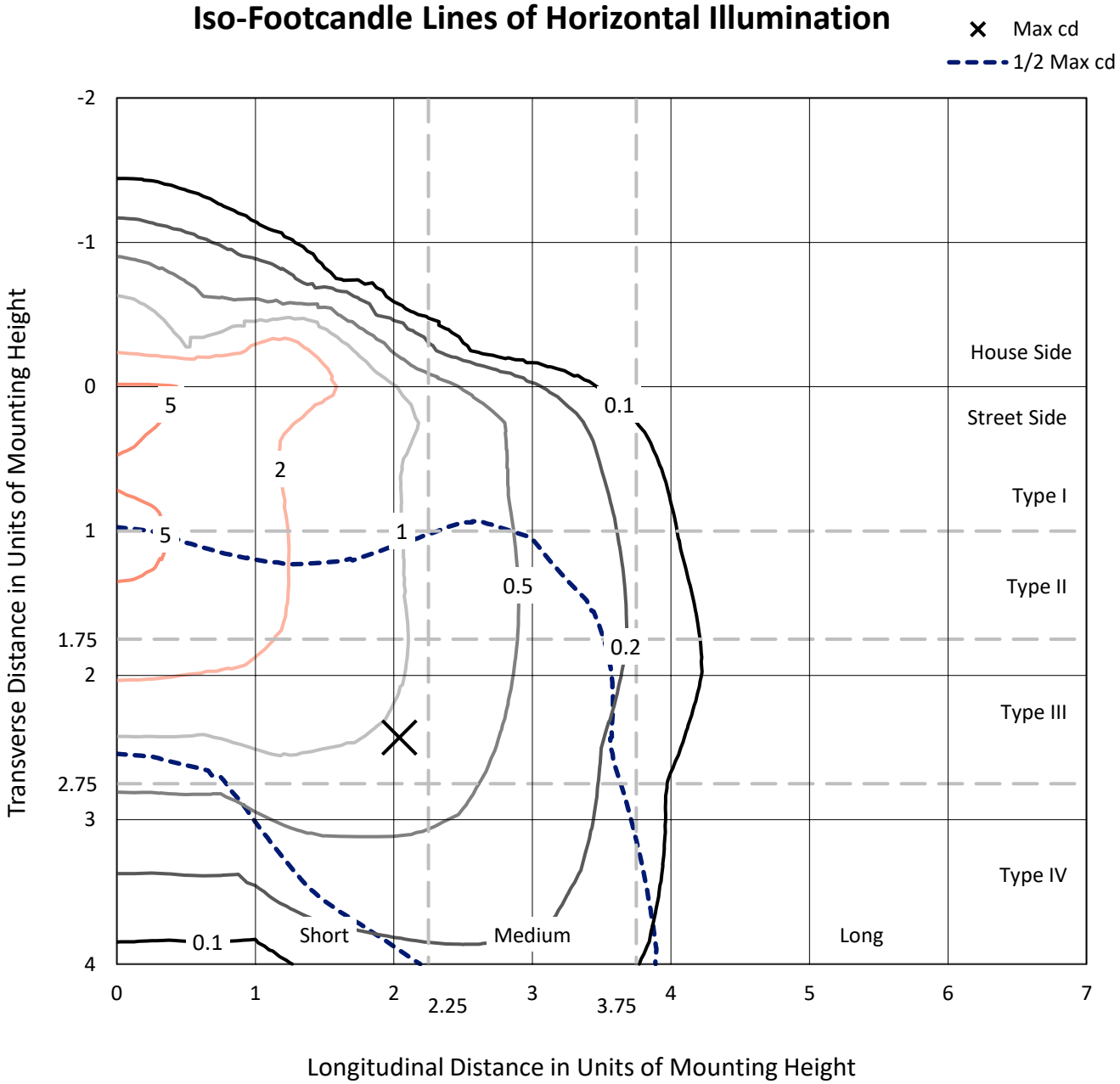


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Iso-Footcandle Lines of Horizontal Illumination



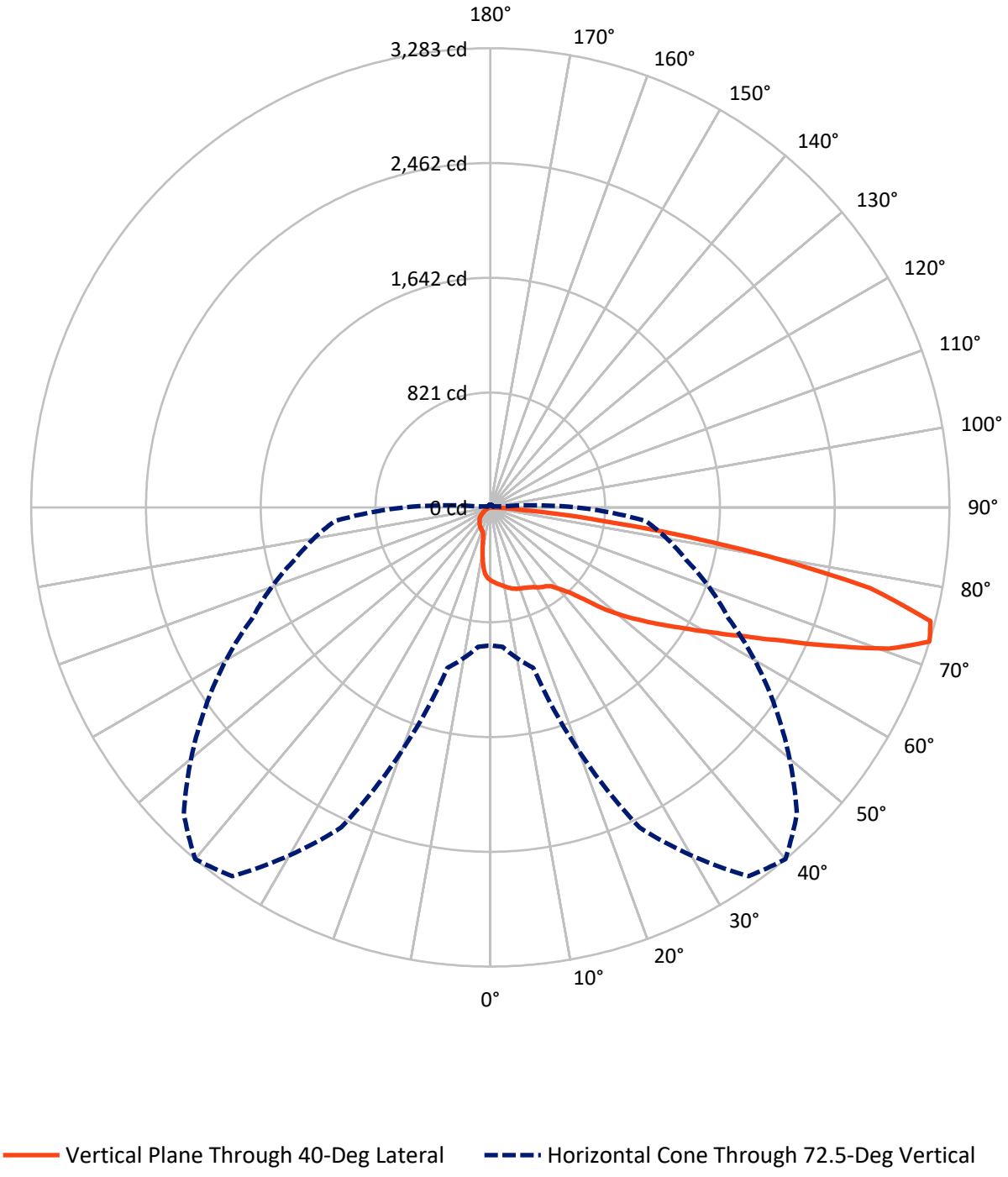
Based on 10 foot mounting height. Maximum calculated value = 6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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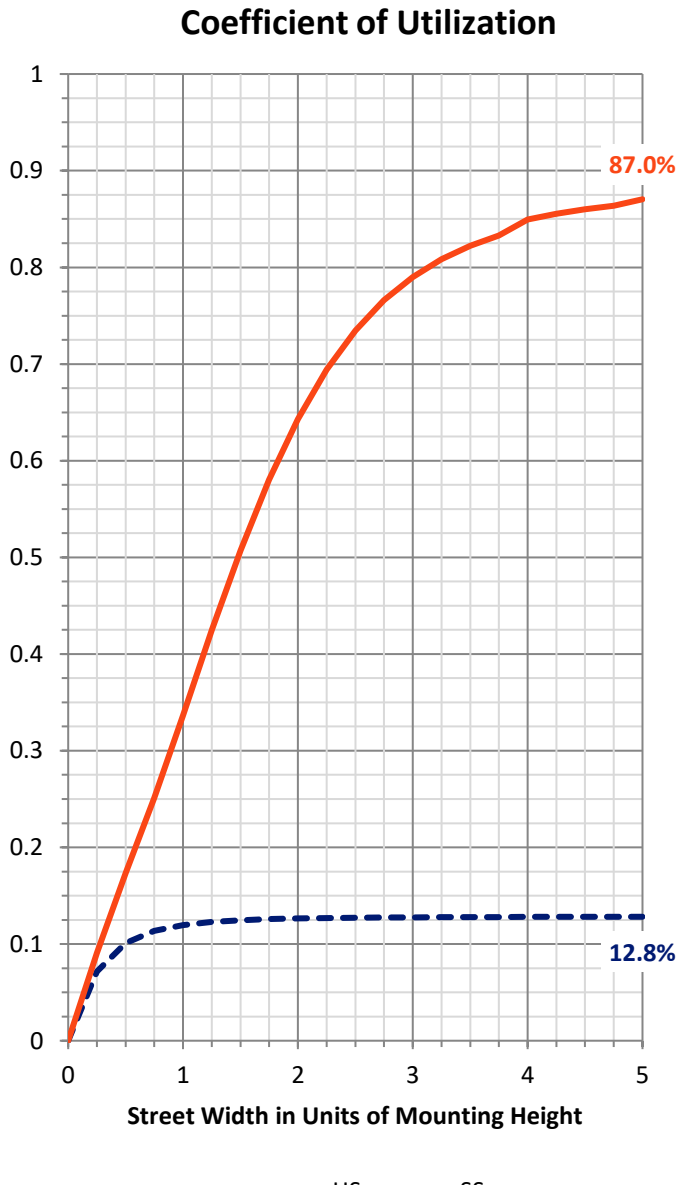
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	510.4	0.0	510.4
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	3441.6	0.0	3441.6
	% Fixture	87.1	0.0	87.1
Total	Lumens	3952.0	0.0	3952.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	1.2
10°-20°	129.8	3.3
20°-30°	210.0	5.3
30°-40°	310.0	7.8
40°-50°	521.8	13.2
50°-60°	810.2	20.5
60°-70°	1013.8	25.7
70°-80°	830.0	21.0
80°-90°	78.7	2.0
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°	3952.0	100.0
0°-180°	3952.0	100.0



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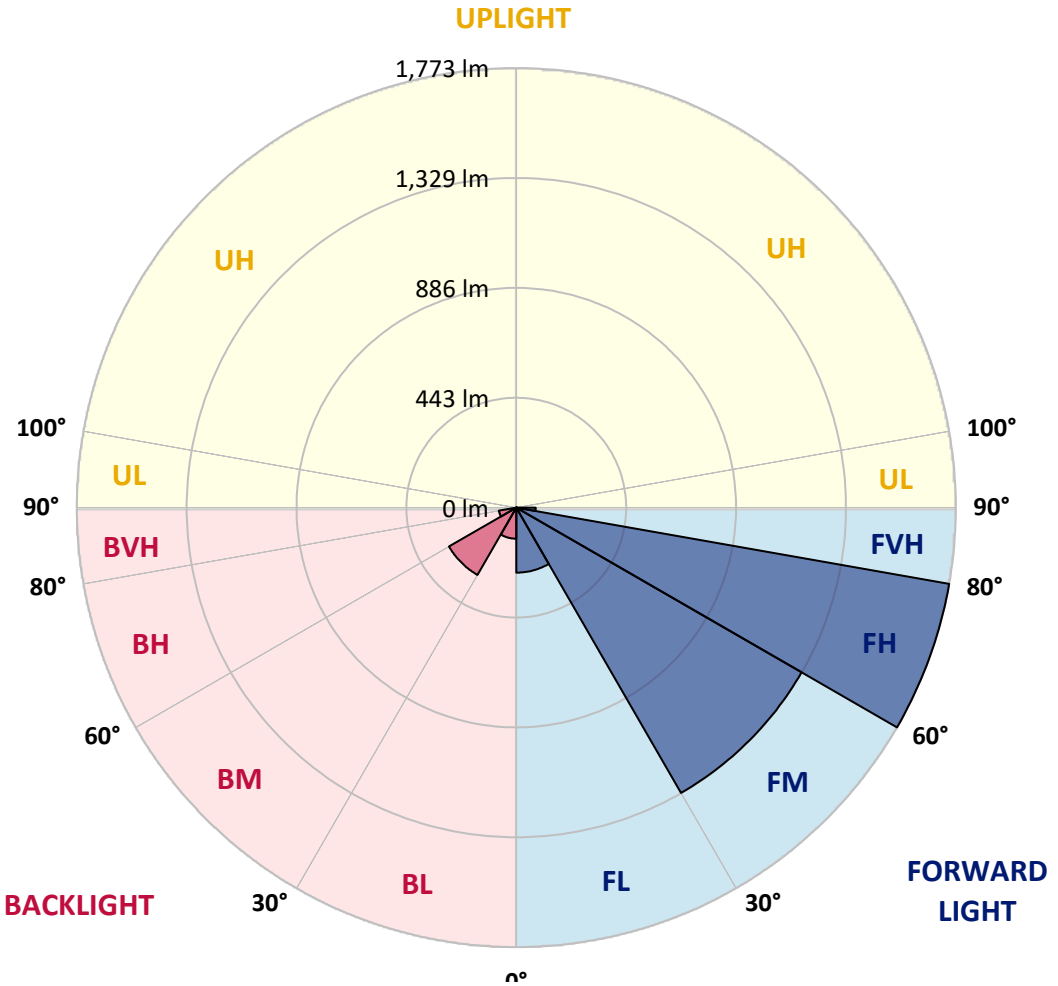
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	262.3	6.6			
FM	(30°-60°)	1328.6	33.6			
FH	(60°-80°)	1772.6	44.9			G1/1800
FVH	(80°-90°)	78.1	2.0			G1/100
BL	(0°-30°)	125.3	3.2	B1/500		
BM	(30°-60°)	313.4	7.9	B1/1000		
BH	(60°-80°)	71.1	1.8	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	523.3	523.3	523.3	523.3	523.3	*523.3*	523.3	523.3	523.3	523.3	523.3
2.5°	539.1	541.1	539.9	537.6	537.0	*535.8*	534.3	533.7	531.6	529.8	527.7
5°	554.2	556.3	554.8	551.6	550.1	*548.6*	546.5	544.7	540.5	536.7	531.9
7.5°	570.9	572.7	570.9	566.1	563.8	*562.0*	559.0	556.3	551.6	545.9	539.9
10°	589.4	590.8	588.2	581.9	578.0	*575.4*	572.7	569.7	565.2	559.0	551.9
12.5°	606.6	608.4	604.2	596.8	592.3	*589.7*	586.7	584.3	579.8	573.9	566.4
15°	622.4	625.1	617.9	609.9	604.8	*602.8*	599.8	598.3	595.3	591.1	584.3
17.5°	634.3	636.1	628.6	619.1	613.5	*612.0*	609.9	610.8	610.2	608.1	603.6
20°	644.4	645.6	635.8	624.2	617.9	*618.2*	617.6	620.6	621.8	621.8	621.5
22.5°	656.9	657.2	644.7	630.1	622.7	*624.8*	625.7	628.9	631.3	633.7	639.1
25°	673.3	672.7	657.8	637.9	631.3	*634.3*	636.4	637.6	640.3	644.1	656.3
27.5°	697.7	695.9	676.9	650.4	642.6	*645.3*	649.2	648.6	647.4	650.4	670.9
30°	728.7	726.3	701.0	667.9	660.8	*663.2*	664.4	659.0	650.4	653.1	683.7
32.5°	777.8	773.6	738.5	687.6	676.6	*679.2*	677.8	666.7	653.9	656.6	696.5
35°	863.2	853.1	803.4	728.7	694.4	*691.5*	687.9	677.2	661.4	658.7	707.2
37.5°	1044.8	1026.9	942.1	808.7	734.9	*715.6*	704.5	693.8	669.4	658.7	719.4
40°	1249.6	1231.4	1133.5	942.7	802.2	*769.4*	743.2	713.5	677.8	662.6	738.5
42.5°	1463.3	1443.3	1342.7	1108.8	898.3	*831.1*	782.2	729.3	691.5	674.5	763.8
45°	1702.0	1677.0	1545.4	1282.0	1037.9	*933.4*	845.0	761.7	715.3	695.6	798.3
47.5°	1953.8	1921.4	1747.5	1450.2	1188.2	*1075.1*	959.9	819.7	750.4	727.2	845.0
50°	2177.0	2144.9	1956.2	1626.1	1328.7	*1210.0*	1090.9	900.1	803.1	771.8	907.8
52.5°	2337.5	2313.1	2146.1	1807.7	1474.9	*1336.5*	1209.7	993.6	869.7	829.0	982.0
55°	2444.9	2422.6	2280.6	1979.7	1644.8	*1475.8*	1326.6	1095.1	950.1	897.4	1063.8
57.5°	2510.1	2497.3	2378.0	2133.3	1813.3	*1628.2*	1460.6	1206.7	1044.8	978.1	1155.2
60°	2533.3	2522.9	2438.4	2279.7	2016.9	*1811.2*	1618.1	1332.6	1159.7	1069.8	1249.0
62.5°	2471.4	2473.5	2481.8	2453.3	2231.5	*2025.5*	1806.8	1483.8	1287.1	1173.7	1337.1
65°	2180.0	2197.3	2355.6	2645.6	2515.8	*2294.0*	2047.0	1668.4	1432.9	1291.8	1407.0
67.5°	1805.0	1830.0	2027.0	2758.1	2818.8	*2642.6*	2381.5	1903.5	1606.7	1412.1	1433.5
70°	1381.7	1408.5	1647.2	2734.6	3102.5	*3023.6*	2795.3	2202.6	1786.8	1495.4	1365.9
72.5°	*986.1*	*999.8*	*1187.9*	*2525.3*	*3218.8*	*3283.1*	*3100.1*	*2486.0*	*1878.8*	*1449.3*	*1114.1*
75°	692.9	690.6	815.3	2033.6	3037.6	*3251.6*	2993.2	2332.7	1700.2	1151.3	687.0
77.5°	301.8	302.4	407.2	1235.0	2424.4	*2777.1*	2488.1	1461.2	1185.3	610.2	289.9
80°	78.3	80.7	149.4	491.7	1459.7	*1833.0*	1517.4	642.3	547.7	148.8	55.4
82.5°	27.7	29.5	68.8	154.5	538.5	*840.6*	675.7	205.4	142.9	42.6	14.9
85°	8.0	9.5	36.9	47.3	111.3	*237.5*	164.0	39.9	35.1	22.0	3.9
87.5°	0.0	1.2	7.4	6.5	6.5	*4.5*	8.3	4.5	5.7	2.7	1.2
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°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3
2.5°	526.0	523.9	519.4	514.6	510.2	506.0	504.8	500.4	498.3	498.6	498.3
5°	528.6	524.8	516.1	505.7	495.0	482.8	472.7	458.4	446.2	444.7	443.8
7.5°	535.8	529.5	515.5	495.3	468.5	434.9	403.6	372.7	355.1	345.6	345.0
10°	546.8	538.5	517.0	478.3	421.5	361.4	314.0	275.0	255.1	245.9	244.1
12.5°	559.9	550.7	519.4	449.5	360.8	281.9	230.7	206.9	202.7	202.1	201.8
15°	578.3	568.2	522.1	410.5	295.0	214.6	191.1	191.4	194.7	196.5	196.2
17.5°	598.9	588.8	518.2	362.8	230.1	183.4	182.8	185.4	190.2	192.0	191.7
20°	619.7	610.2	504.5	306.9	186.0	174.7	177.1	180.1	184.8	187.2	187.2
22.5°	641.1	632.8	482.8	247.4	167.9	168.5	171.4	174.4	179.8	182.5	182.5
25°	664.1	656.9	453.9	198.2	160.1	161.9	165.8	169.4	175.0	178.3	178.3
27.5°	687.3	681.9	421.2	165.5	153.0	155.1	159.5	164.3	170.0	173.8	174.1
30°	712.6	709.6	395.0	153.3	146.1	147.9	153.0	158.4	164.6	169.4	170.0
32.5°	738.5	737.9	382.2	162.2	139.9	141.1	145.6	150.9	158.6	164.6	165.2
35°	764.1	765.3	374.7	187.5	137.8	134.5	137.5	142.3	151.5	158.9	160.1
37.5°	796.8	799.8	374.4	214.9	142.9	128.0	130.1	133.3	141.4	150.0	151.5
40°	845.6	861.4	393.5	238.4	151.8	122.0	122.6	123.2	127.4	134.5	136.9
42.5°	910.5	956.7	462.3	254.5	155.4	116.7	114.6	111.3	110.7	114.6	116.7
45°	991.2	1071.9	583.1	263.4	151.8	110.7	105.1	96.4	93.2	95.8	95.8
47.5°	1086.1	1198.1	726.3	265.5	145.9	103.3	93.2	81.9	79.2	80.1	79.8
50°	1178.7	1292.7	852.2	248.2	136.0	93.8	80.1	70.5	68.8	69.1	69.1
52.5°	1260.6	1325.2	887.9	207.5	122.9	82.2	68.8	62.2	61.0	61.0	60.7
55°	1314.7	1290.0	791.8	158.6	106.6	70.2	58.9	55.7	55.1	54.8	54.2
57.5°	1326.1	1175.7	598.0	114.6	83.3	59.2	52.4	50.6	49.4	48.2	47.6
60°	1285.6	985.2	380.7	80.1	62.5	50.6	46.4	45.2	42.9	40.5	39.6
62.5°	1198.1	744.1	210.7	55.7	50.3	43.2	41.1	39.6	35.1	31.3	30.1
65°	1080.5	494.7	93.2	43.5	41.1	36.3	35.1	33.0	27.7	23.2	22.3
67.5°	962.3	284.9	42.0	34.8	33.0	29.8	28.9	27.4	23.5	19.3	18.8
70°	827.5	144.4	28.9	27.7	25.6	22.6	23.5	23.2	19.3	15.8	15.2
72.5°	*616.1*	*71.7*	*21.7*	*20.8*	*18.5*	*16.1*	*19.3*	*19.0*	*15.2*	*11.9*	*11.3*
75°	348.9	35.4	15.8	14.6	11.0	11.9	15.5	14.6	10.4	7.7	7.1
77.5°	138.4	18.2	10.4	8.9	6.5	8.0	11.3	9.8	5.4	3.3	3.0
80°	31.8	8.9	5.4	3.9	3.0	4.8	6.0	3.6	1.5	0.3	0.0
82.5°	8.9	3.9	1.8	1.5	1.5	1.8	1.5	0.6	0.0	0.0	0.0
85°	3.0	1.8	0.6	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
87.5°	1.2	0.6	0.0	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)