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: P1201880

Luminaire Tested: GWC-SB1C-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:	P1201880
	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-SB1C-735-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	5255 lumens
Efficiency:	N/A
Efficacy:	96.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

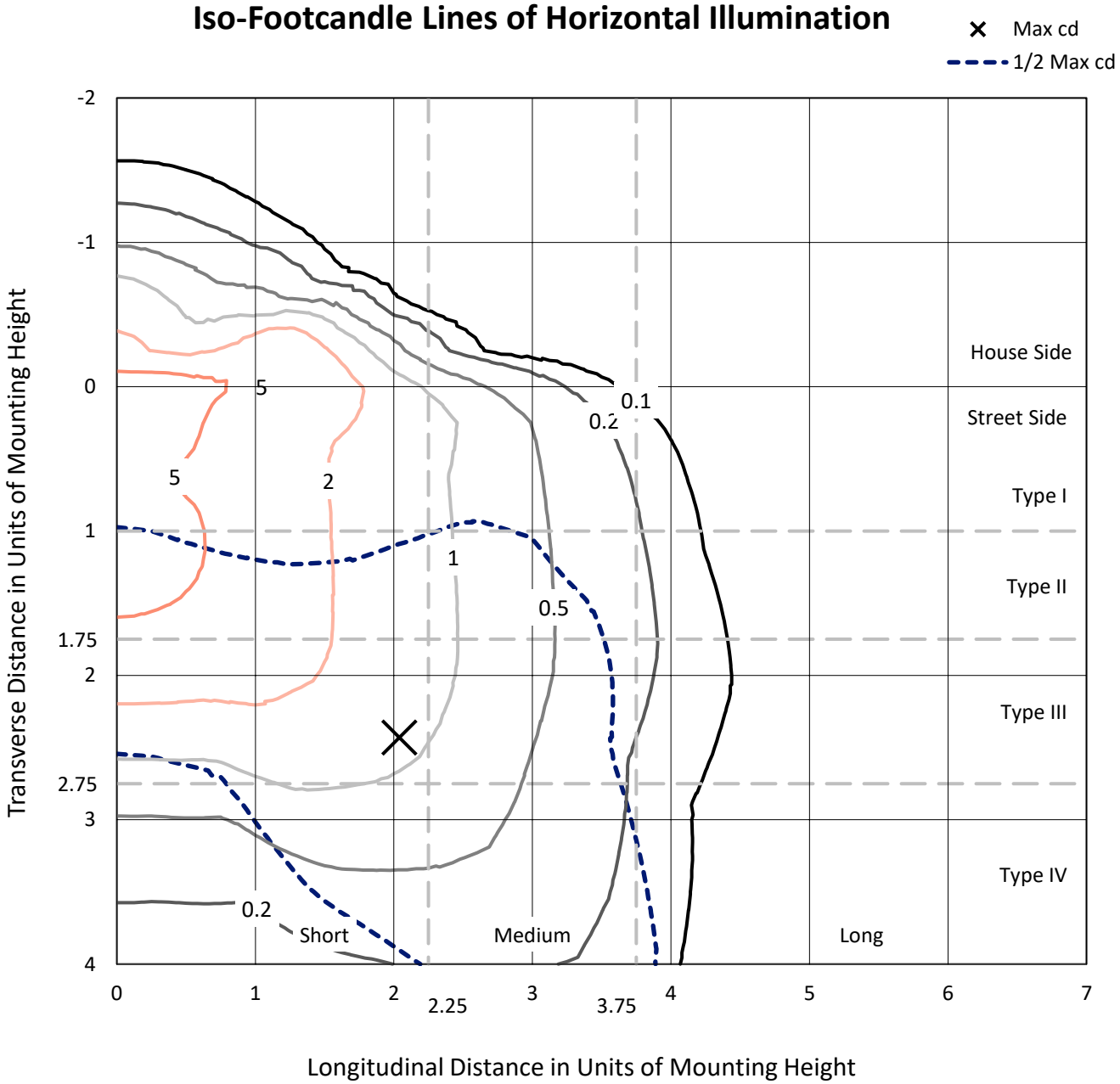


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Iso-Footcandle Lines of Horizontal Illumination



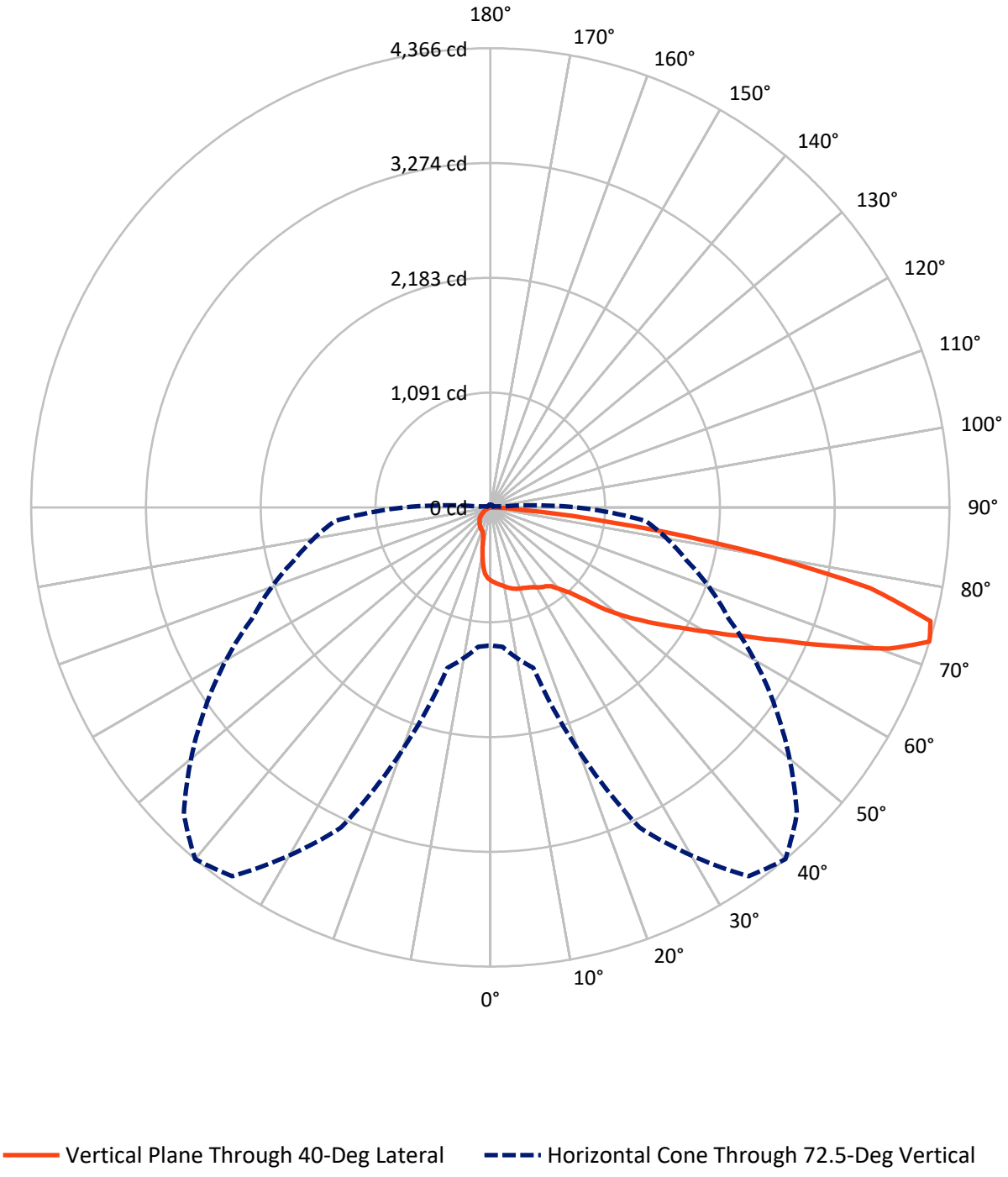
Based on 10 foot mounting height. Maximum calculated value = 8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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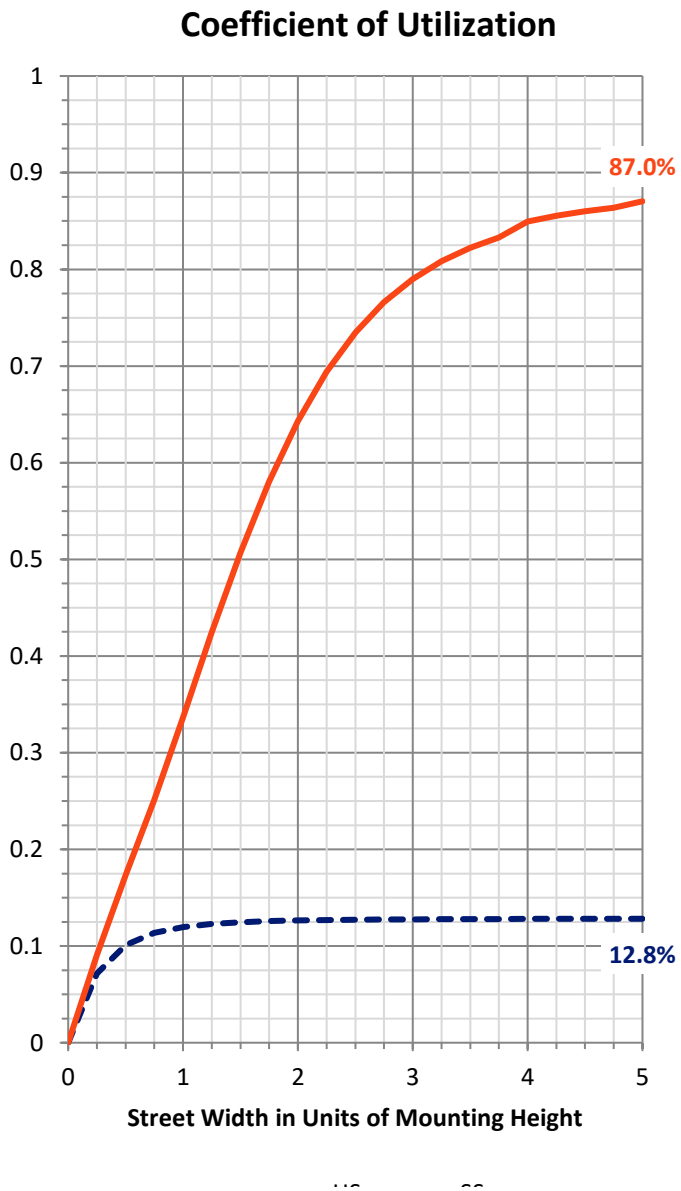
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	678.6	0.0	678.6
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	4576.4	0.0	4576.4
	% Fixture	87.1	0.0	87.1
Total	Lumens	5255.0	0.0	5255.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.5	1.2
10°-20°	172.6	3.3
20°-30°	279.2	5.3
30°-40°	412.2	7.8
40°-50°	693.8	13.2
50°-60°	1077.3	20.5
60°-70°	1348.0	25.7
70°-80°	1103.6	21.0
80°-90°	104.7	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°	5255.0	100.0
0°-180°	5255.0	100.0



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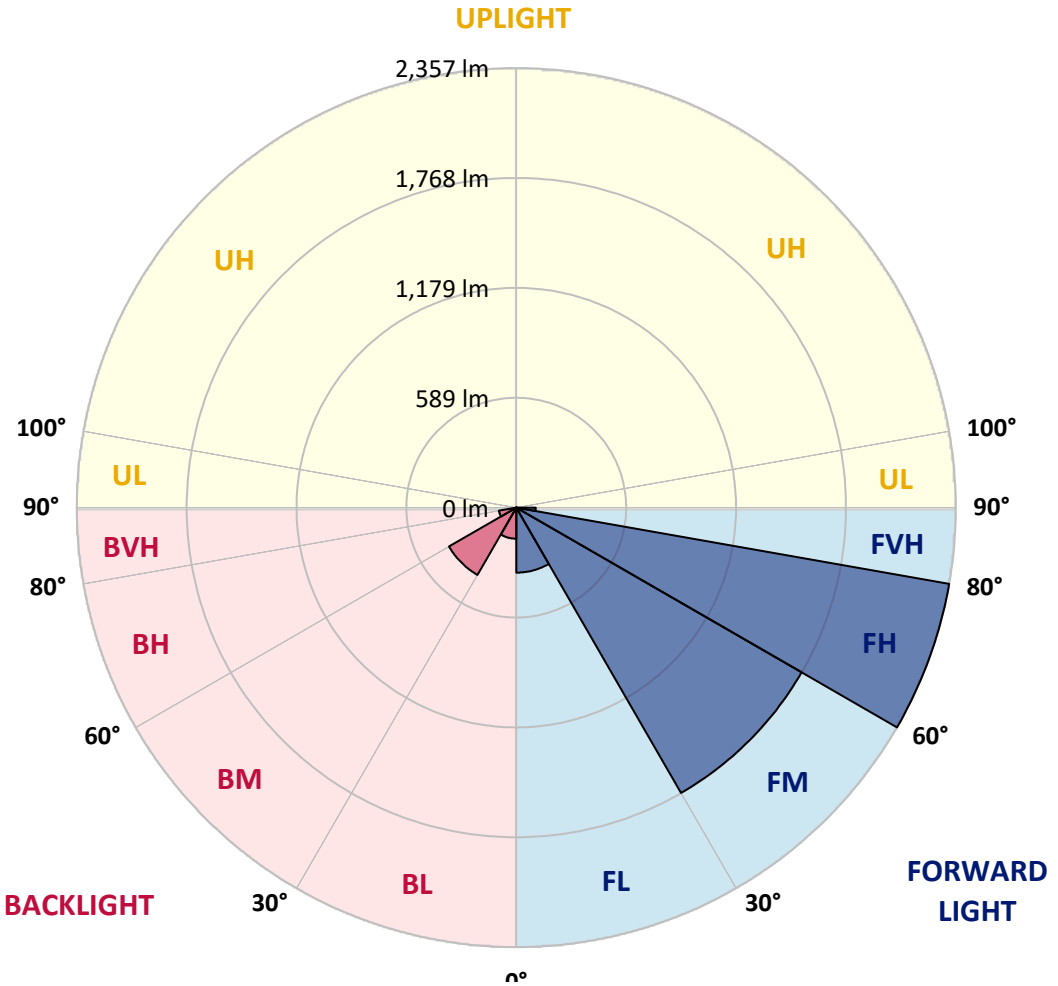
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	348.8	6.6			
FM	(30°-60°)	1766.6	33.6			
FH	(60°-80°)	2357.1	44.9			G2/5000
FVH	(80°-90°)	103.9	2.0			G2/225
BL	(0°-30°)	166.6	3.2	B1/500		
BM	(30°-60°)	416.7	7.9	B1/1000		
BH	(60°-80°)	94.5	1.8	B0/110		G0/110
BVH	(80°-90°)	0.8	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	695.8	695.8	695.8	695.8	695.8	*695.8*	695.8	695.8	695.8	695.8	695.8
2.5°	716.8	719.6	718.0	714.8	714.0	*712.4*	710.4	709.7	706.9	704.5	701.7
5°	737.0	739.7	737.8	733.4	731.4	*729.4*	726.7	724.3	718.8	713.6	707.3
7.5°	759.1	761.5	759.1	752.8	749.6	*747.3*	743.3	739.7	733.4	725.9	718.0
10°	783.7	785.6	782.1	773.8	768.6	*765.1*	761.5	757.5	751.6	743.3	733.8
12.5°	806.6	809.0	803.5	793.6	787.6	*784.1*	780.1	776.9	771.0	763.1	753.2
15°	827.6	831.2	821.7	811.0	804.3	*801.5*	797.5	795.5	791.6	786.0	776.9
17.5°	843.4	845.8	835.9	823.3	815.7	*813.8*	811.0	812.2	811.4	808.6	802.7
20°	856.9	858.5	845.4	830.0	821.7	*822.1*	821.3	825.2	826.8	826.8	826.4
22.5°	873.5	873.9	857.3	837.9	828.0	*830.8*	832.0	836.3	839.5	842.6	849.8
25°	895.3	894.5	874.7	848.2	839.5	*843.4*	846.2	847.8	851.4	856.5	872.7
27.5°	927.7	925.4	900.0	864.8	854.5	*858.1*	863.2	862.4	860.9	864.8	892.1
30°	968.9	965.7	932.1	888.2	878.7	*881.8*	883.4	876.3	864.8	868.4	909.1
32.5°	1034.2	1028.7	982.0	914.3	899.6	*903.2*	901.2	886.6	869.6	873.1	926.2
35°	1147.8	1134.3	1068.2	968.9	923.4	*919.4*	914.7	900.4	879.5	875.9	940.4
37.5°	1389.2	1365.5	1252.7	1075.4	977.2	*951.5*	936.8	922.6	890.1	875.9	956.6
40°	1661.5	1637.4	1507.2	1253.5	1066.7	*1023.1*	988.3	948.7	901.2	881.0	982.0
42.5°	1945.7	1919.2	1785.4	1474.3	1194.5	*1105.1*	1040.1	969.7	919.4	896.9	1015.6
45°	2263.1	2229.9	2055.0	1704.7	1380.1	*1241.2*	1123.7	1012.8	951.1	925.0	1061.5
47.5°	2598.0	2554.8	2323.7	1928.3	1580.0	*1429.6*	1276.4	1090.0	997.8	966.9	1123.7
50°	2894.8	2852.1	2601.2	2162.2	1766.8	*1608.9*	1450.6	1196.9	1067.9	1026.3	1207.2
52.5°	3108.2	3075.7	2853.7	2403.7	1961.2	*1777.1*	1608.5	1321.2	1156.5	1102.3	1305.7
55°	3251.0	3221.4	3032.6	2632.4	2187.2	*1962.3*	1764.1	1456.1	1263.4	1193.3	1414.6
57.5°	3337.7	3320.7	3162.0	2836.7	2411.2	*2165.0*	1942.2	1604.5	1389.2	1300.6	1536.1
60°	3368.6	3354.7	3242.3	3031.4	2681.9	*2408.4*	2151.5	1772.0	1542.0	1422.5	1660.7
62.5°	3286.3	3289.0	3300.1	3262.1	2967.3	*2693.4*	2402.5	1973.0	1711.4	1560.6	1777.9
65°	2898.8	2921.7	3132.3	3517.8	3345.2	*3050.4*	2721.9	2218.4	1905.3	1717.7	1870.9
67.5°	2400.1	2433.3	2695.4	3667.4	3748.2	*3513.9*	3166.7	2531.1	2136.5	1877.6	1906.1
70°	1837.3	1872.9	2190.3	3636.2	4125.4	*4020.5*	3716.9	2928.9	2375.9	1988.5	1816.3
72.5°	*1311.3*	*1329.5*	*1579.6*	*3357.9*	*4280.1*	*4365.6*	*4122.2*	*3305.7*	*2498.2*	*1927.1*	*1481.5*
75°	921.4	918.2	1084.1	2704.1	4039.1	*4323.6*	3980.1	3101.8	2260.8	1530.9	913.5
77.5°	401.3	402.1	541.4	1642.1	3223.7	*3692.8*	3308.4	1942.9	1576.0	811.4	385.5
80°	104.1	107.3	198.7	653.9	1941.0	*2437.3*	2017.8	854.1	728.3	197.9	73.6
82.5°	36.8	39.2	91.4	205.4	716.0	*1117.7*	898.5	273.1	190.0	56.6	19.8
85°	10.7	12.7	49.1	62.9	148.0	*315.8*	218.1	53.0	46.7	29.3	5.1
87.5°	0.0	1.6	9.9	8.7	8.7	*5.9*	11.1	5.9	7.5	3.6	1.6
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°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	699.4	696.6	690.7	684.3	678.4	672.8	671.3	665.3	662.6	663.0	662.6
5°	702.9	697.8	686.3	672.5	658.2	642.0	628.5	609.5	593.3	591.3	590.1
7.5°	712.4	704.1	685.5	658.6	623.0	578.3	536.7	495.5	472.2	459.5	458.7
10°	727.1	716.0	687.5	636.0	560.4	480.5	417.6	365.7	339.2	326.9	324.6
12.5°	744.5	732.2	690.7	597.6	479.7	374.8	306.7	275.1	269.5	268.7	268.3
15°	769.0	755.6	694.2	545.8	392.2	285.4	254.1	254.5	258.8	261.2	260.8
17.5°	796.3	782.9	689.1	482.5	305.9	243.8	243.0	246.6	252.9	255.3	254.9
20°	824.0	811.4	670.9	408.1	247.4	232.3	235.5	239.5	245.8	249.0	249.0
22.5°	852.5	841.5	642.0	328.9	223.2	224.0	228.0	231.9	239.1	242.6	242.6
25°	883.0	873.5	603.6	263.6	212.9	215.3	220.5	225.2	232.7	237.1	237.1
27.5°	913.9	906.8	560.0	220.1	203.4	206.2	212.1	218.5	226.0	231.1	231.5
30°	947.5	943.6	525.2	203.8	194.3	196.7	203.4	210.6	218.9	225.2	226.0
32.5°	982.0	981.2	508.2	215.7	186.0	187.6	193.5	200.7	211.0	218.9	219.7
35°	1016.0	1017.6	498.3	249.3	183.3	178.9	182.9	189.2	201.5	211.4	212.9
37.5°	1059.5	1063.5	497.9	285.8	190.0	170.2	173.0	177.3	188.0	199.5	201.5
40°	1124.4	1145.4	523.2	317.0	201.9	162.3	163.1	163.9	169.4	178.9	182.1
42.5°	1210.7	1272.1	614.7	338.4	206.6	155.2	152.4	148.0	147.2	152.4	155.2
45°	1318.0	1425.3	775.4	350.3	201.9	147.2	139.7	128.2	123.9	127.4	127.4
47.5°	1444.2	1593.1	965.7	353.0	193.9	137.3	123.9	108.8	105.3	106.5	106.1
50°	1567.3	1718.9	1133.2	330.1	180.9	124.7	106.5	93.8	91.4	91.8	91.8
52.5°	1676.2	1762.1	1180.7	275.9	163.5	109.2	91.4	82.7	81.1	81.1	80.7
55°	1748.2	1715.4	1052.8	211.0	141.7	93.4	78.4	74.0	73.2	72.8	72.0
57.5°	1763.3	1563.4	795.1	152.4	110.8	78.8	69.7	67.3	65.7	64.1	63.3
60°	1709.4	1310.1	506.2	106.5	83.1	67.3	61.7	60.2	57.0	53.8	52.6
62.5°	1593.1	989.5	280.2	74.0	66.9	57.4	54.6	52.6	46.7	41.6	40.0
65°	1436.7	657.8	123.9	57.8	54.6	48.3	46.7	43.9	36.8	30.9	29.7
67.5°	1279.6	378.8	55.8	46.3	43.9	39.6	38.4	36.4	31.3	25.7	24.9
70°	1100.3	192.0	38.4	36.8	34.0	30.1	31.3	30.9	25.7	21.0	20.2
72.5°	*819.3*	*95.4*	*28.9*	*27.7*	*24.5*	*21.4*	*25.7*	*25.3*	*20.2*	*15.8*	*15.0*
75°	463.9	47.1	21.0	19.4	14.6	15.8	20.6	19.4	13.9	10.3	9.5
77.5°	184.0	24.1	13.9	11.9	8.7	10.7	15.0	13.1	7.1	4.4	4.0
80°	42.3	11.9	7.1	5.1	4.0	6.3	7.9	4.7	2.0	0.4	0.0
82.5°	11.9	5.1	2.4	2.0	2.0	2.4	2.0	0.8	0.0	0.0	0.0
85°	4.0	2.4	0.8	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
87.5°	1.6	0.8	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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(END OF REPORT)