

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P946333

Luminaire Tested: **GALN-SB2A-735-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P946333  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB2A-735-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

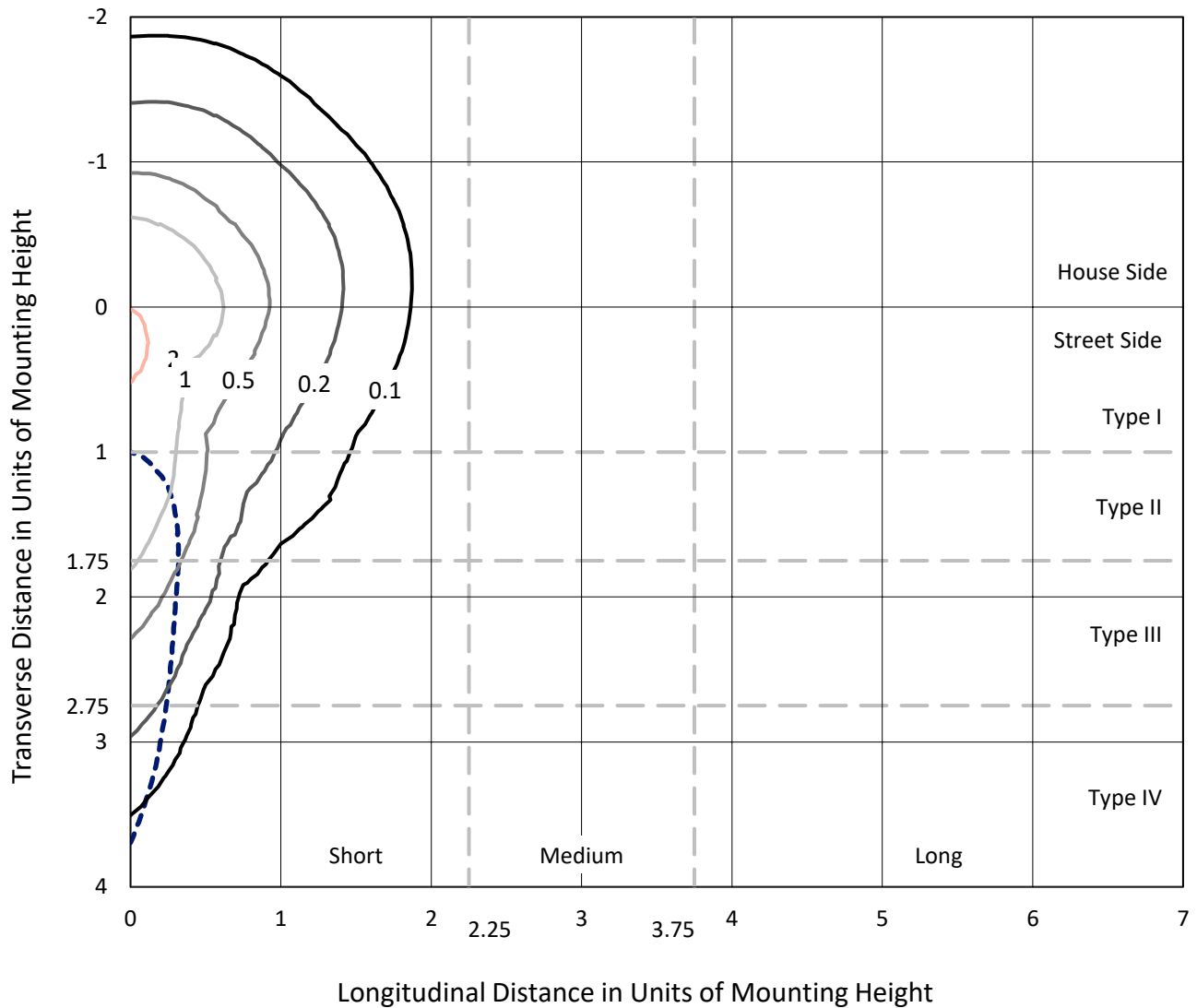
Lumens per Lamp: N/A  
Luminaire Lumens: 8939 lumens  
Efficiency: N/A  
Efficacy: 156.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

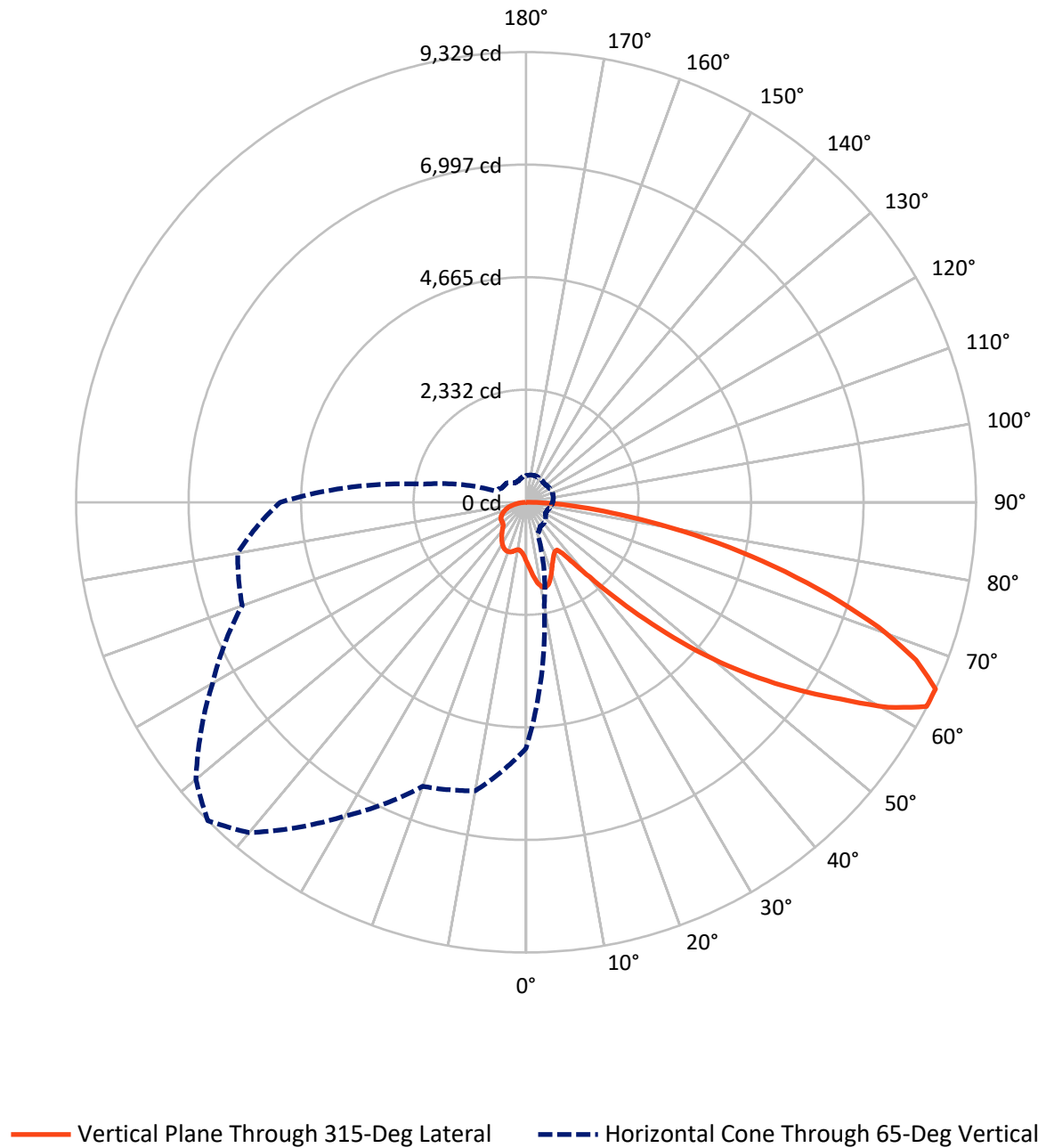
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2271.8	0.0	2271.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	6667.2	0.0	6667.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	8939.0	0.0	8939.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.9	1.4
10°-20°	382.8	4.3
20°-30°	591.3	6.6
30°-40°	749.3	8.4
40°-50°	1130.1	12.6
50°-60°	1825.8	20.4
60°-70°	2276.2	25.5
70°-80°	1492.6	16.7
80°-90°	369.0	4.1
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°	8939.0	100.0
0°-180°	8939.0	100.0

**Coefficient of Utilization**



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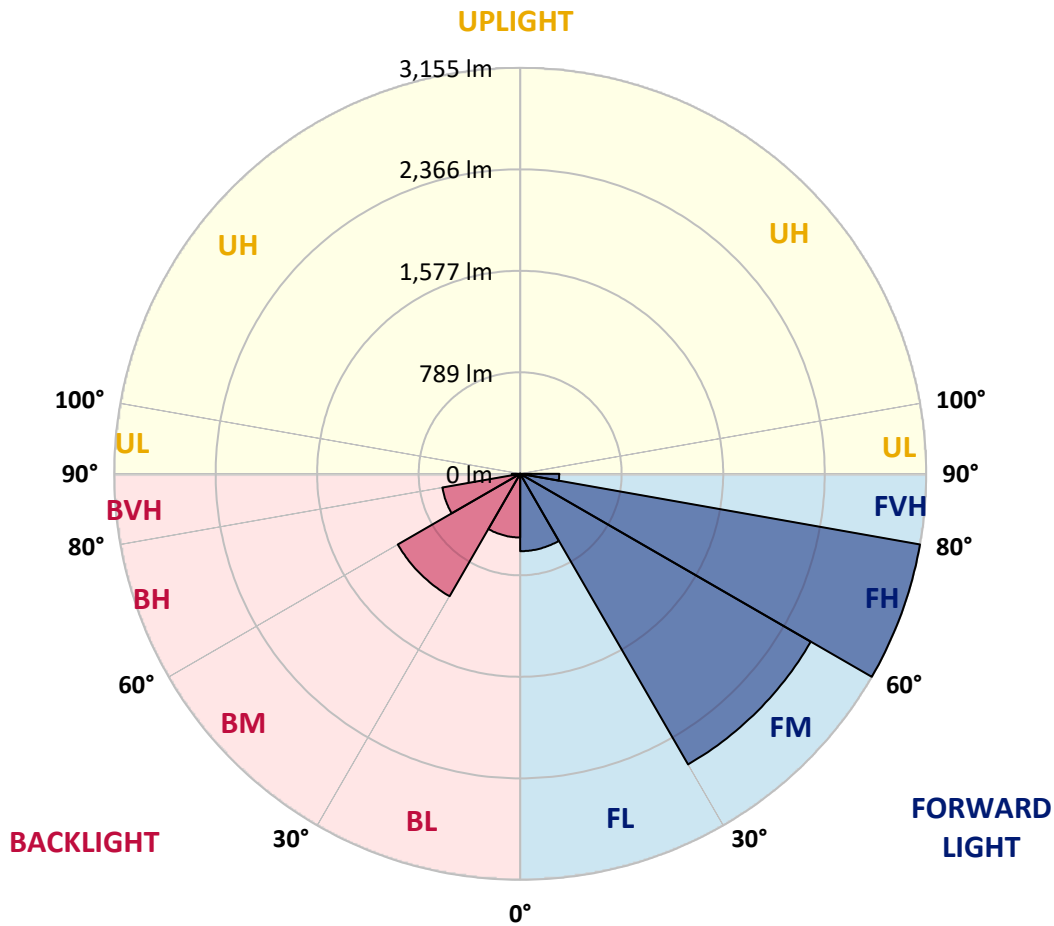
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	601.2	6.7			
FM (30°-60°)	2607.3	29.2			
FH (60°-80°)	3154.6	35.3			G2/5000
FVH (80°-90°)	304.0	3.4			G3/500
BL (0°-30°)	494.7	5.5	B1/500		
BM (30°-60°)	1097.9	12.3	B2/2500		
BH (60°-80°)	614.2	6.9	B2/1000		G2/1000
BVH (80°-90°)	65.0	0.7			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 Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
2.5°	1321.9	1311.7	1301.6	1290.8	1280.0	1269.2	1258.3	1248.0	1237.6	1227.5
5°	1421.4	1399.0	1376.6	1354.2	1331.9	1309.4	1287.0	1266.0	1245.0	1225.2
7.5°	1521.4	1484.4	1447.5	1413.3	1379.2	1345.9	1312.7	1283.4	1254.1	1227.1
10°	1598.0	1551.3	1504.6	1459.4	1414.3	1373.9	1333.5	1298.9	1264.2	1230.8
12.5°	1645.0	1593.6	1542.3	1491.2	1440.0	1392.4	1344.8	1305.6	1266.4	1231.3
15°	1673.5	1620.0	1566.4	1511.0	1455.5	1400.6	1345.8	1300.4	1255.0	1216.2
17.5°	1689.5	1635.3	1581.0	1520.4	1459.9	1396.3	1332.6	1278.0	1223.4	1177.8
20°	1707.2	1650.8	1594.4	1527.9	1461.3	1384.2	1307.0	1239.4	1171.7	1118.6
22.5°	1727.8	1670.1	1612.4	1537.9	1463.2	1369.4	1275.5	1194.0	1112.6	1052.1
25°	1754.2	1697.7	1641.2	1556.0	1470.7	1354.7	1238.9	1143.4	1048.1	986.0
27.5°	1790.0	1736.1	1682.2	1584.3	1486.3	1345.0	1203.7	1097.2	990.6	934.2
30°	1838.4	1786.3	1734.3	1620.9	1507.6	1340.4	1173.2	1058.5	943.8	896.4
32.5°	1895.4	1843.9	1792.4	1659.2	1526.0	1334.8	1143.4	1025.1	906.8	868.6
35°	1964.8	1915.4	1866.0	1702.8	1539.5	1324.1	1108.8	992.4	875.9	844.1
37.5°	2081.5	2018.6	1955.7	1751.6	1547.5	1305.8	1064.2	953.8	843.4	815.5
40°	2257.9	2166.2	2074.5	1813.5	1552.5	1280.7	1008.9	907.7	806.6	781.3
42.5°	2491.9	2359.5	2227.2	1894.6	1562.1	1254.8	947.5	856.9	766.4	743.1
45°	2780.8	2602.2	2423.7	2001.3	1578.9	1230.7	882.4	803.0	723.6	700.0
47.5°	3142.1	2890.8	2639.5	2115.0	1590.5	1210.7	831.0	760.3	689.6	659.2
50°	3615.6	3236.8	2858.0	2220.5	1582.9	1189.0	795.2	731.9	668.7	628.7
52.5°	4159.2	3600.3	3041.4	2289.0	1536.5	1152.4	768.4	713.3	658.2	612.2
55°	4738.0	3922.6	3107.2	2273.9	1440.5	1091.6	742.8	699.7	656.7	613.9
57.5°	5264.4	4150.9	3037.5	2167.6	1297.8	1006.0	714.1	683.7	653.3	615.5
60°	5582.5	4208.0	2833.5	1970.0	1106.5	894.8	683.1	659.2	635.3	610.3
62.5°	5421.0	3967.7	2514.4	1702.7	890.9	761.7	632.4	616.5	600.7	597.6
65°	5097.6	3627.7	2157.7	1429.9	702.2	641.9	581.6	574.1	566.6	567.0
67.5°	4664.4	3223.0	1781.6	1162.8	543.9	526.8	509.6	513.8	518.0	517.0
70°	4143.9	2781.5	1419.0	915.5	412.0	416.9	421.8	441.2	460.6	460.6
72.5°	3523.7	2302.8	1082.0	699.9	317.8	332.6	347.4	374.9	402.4	407.1
75°	2739.0	1754.1	769.2	508.0	246.8	260.2	273.6	304.4	335.3	356.6
77.5°	1957.0	1227.7	498.5	344.2	190.0	199.1	208.2	238.2	268.1	303.3
80°	1280.8	791.0	301.2	221.8	142.4	146.2	150.0	175.4	200.7	242.7
82.5°	744.5	457.8	171.1	136.4	101.8	102.4	103.2	121.9	140.6	176.4
85°	327.6	205.9	84.3	72.9	61.6	61.2	60.8	74.5	88.2	114.9
87.5°	101.4	67.4	33.5	30.2	27.0	26.6	26.3	31.9	37.5	48.6
90°	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):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1216.4	2.5°	1207.3	1198.3	1190.1	1182.0	1174.9	1167.8	1160.6	1153.5	1148.0	1142.4
1205.6	5°	1188.5	1171.4	1157.1	1142.8	1130.1	1117.5	1106.0	1094.5	1085.7	1076.8
1201.7	7.5°	1179.0	1156.3	1137.4	1118.6	1102.7	1086.7	1072.7	1058.7	1048.2	1037.7
1203.6	10°	1179.7	1155.7	1136.8	1118.0	1100.8	1083.7	1067.9	1052.1	1039.5	1026.9
1206.0	12.5°	1186.4	1166.8	1154.3	1141.8	1128.3	1114.9	1098.6	1082.3	1066.2	1050.2
1195.9	15°	1186.5	1177.2	1178.9	1180.6	1177.1	1173.6	1159.4	1145.2	1122.4	1099.6
1165.3	17.5°	1168.7	1172.1	1192.7	1213.2	1224.2	1235.1	1223.6	1212.2	1182.0	1151.7
1115.3	20°	1131.3	1147.4	1183.1	1218.8	1241.7	1264.6	1259.3	1254.0	1219.4	1184.9
1058.5	22.5°	1082.3	1106.0	1146.7	1187.6	1217.4	1247.1	1250.3	1253.5	1220.5	1187.4
1003.5	25°	1030.8	1058.2	1094.9	1131.6	1160.8	1190.1	1201.1	1212.0	1184.9	1157.9
955.4	27.5°	981.8	1008.2	1038.3	1068.4	1091.9	1115.4	1127.6	1139.8	1120.5	1101.3
913.1	30°	934.0	955.1	980.0	1005.0	1024.5	1044.1	1054.0	1063.9	1049.2	1034.5
876.0	32.5°	888.4	900.8	920.8	940.8	959.4	978.2	989.2	1000.2	986.7	973.2
841.0	35°	844.4	847.8	863.1	878.3	896.8	915.3	928.5	941.7	932.1	922.5
804.3	37.5°	800.5	796.8	807.7	818.6	837.0	855.5	871.8	888.2	883.7	879.3
764.1	40°	755.6	747.0	754.9	762.8	780.6	798.5	817.2	836.0	837.1	838.2
721.4	42.5°	710.1	698.8	705.2	711.7	728.6	745.5	765.8	786.0	791.5	796.9
679.0	45°	667.9	657.0	662.3	667.8	683.8	699.9	720.9	741.9	749.7	757.5
641.1	47.5°	631.9	622.6	627.7	632.8	648.5	664.1	684.9	705.6	714.6	723.6
607.8	50°	599.5	591.4	599.3	607.3	622.1	636.9	655.4	674.0	685.5	697.0
582.9	52.5°	574.8	566.7	578.7	590.5	604.1	617.7	635.0	652.3	666.0	679.6
569.7	55°	556.9	544.1	561.0	577.9	592.5	607.1	622.3	637.5	651.9	666.4
561.8	57.5°	543.1	524.4	542.6	560.8	578.0	595.2	610.2	625.2	639.8	654.3
554.3	60°	530.1	505.9	521.9	537.8	557.5	577.2	592.5	607.8	622.4	637.0
545.6	62.5°	515.4	485.1	495.3	505.4	528.4	551.4	567.7	583.9	597.3	610.7
527.3	65°	495.2	463.0	466.9	470.7	495.4	520.0	535.6	551.2	562.9	574.7
494.7	67.5°	467.9	441.1	439.9	438.7	461.4	484.2	498.9	513.7	523.8	534.0
453.3	70°	434.2	415.2	410.9	406.7	426.7	446.7	459.4	472.1	481.3	490.5
407.2	72.5°	394.1	381.0	374.8	368.6	384.4	400.1	411.6	423.1	432.1	441.1
354.8	75°	344.7	334.7	328.7	322.7	334.4	346.1	356.5	367.0	375.2	383.4
302.3	77.5°	294.3	286.2	280.2	274.1	283.7	293.1	302.1	311.1	319.7	328.3
242.5	80°	235.8	229.0	224.0	218.9	226.8	234.7	242.2	249.8	256.3	262.8
178.4	82.5°	175.1	171.8	168.2	164.6	164.0	163.3	160.7	158.0	172.0	185.9
117.4	85°	113.9	110.4	106.4	102.4	99.0	95.5	88.2	80.9	94.0	107.1
51.9	87.5°	50.5	49.1	48.3	47.5	47.4	47.3	41.7	36.1	41.6	47.1
0.0	90°	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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1137.9	2.5°	1133.4	1129.9	1126.5	1123.3	1120.0	1116.0	1120.0	1123.3	1126.5	1129.9
1070.7	5°	1064.5	1060.1	1055.7	1052.4	1049.0	1045.7	1049.0	1052.4	1055.7	1060.1
1030.3	7.5°	1023.0	1017.9	1012.9	1009.9	1006.9	1004.7	1006.9	1009.9	1012.9	1017.9
1018.7	10°	1010.4	1005.7	1000.9	998.4	995.8	994.8	995.8	998.4	1000.9	1005.7
1039.6	12.5°	1029.0	1023.6	1018.4	1016.2	1014.0	1013.6	1014.0	1016.2	1018.4	1023.6
1083.4	15°	1067.3	1059.9	1052.5	1049.7	1046.9	1046.7	1046.9	1049.7	1052.5	1059.9
1128.0	17.5°	1104.2	1093.3	1082.3	1078.7	1075.0	1074.5	1075.0	1078.7	1082.3	1093.3
1155.7	20°	1126.6	1112.6	1098.5	1094.1	1089.6	1088.2	1089.6	1094.1	1098.5	1112.6
1157.4	22.5°	1127.4	1112.6	1097.8	1092.9	1087.9	1085.8	1087.9	1092.9	1097.8	1112.6
1131.2	25°	1104.6	1091.7	1079.0	1074.3	1069.7	1066.9	1069.7	1074.3	1079.0	1091.7
1080.6	27.5°	1059.9	1051.3	1042.6	1040.5	1038.4	1037.7	1038.4	1040.5	1042.6	1051.3
1019.7	30°	1004.8	1000.4	995.9	995.9	995.9	996.7	995.9	995.9	995.9	1000.4
961.3	32.5°	949.5	946.6	943.7	944.1	944.5	945.2	944.5	944.1	943.7	946.6
911.6	35°	900.7	896.3	891.9	891.0	890.1	889.6	890.1	891.0	891.9	896.3
869.3	37.5°	859.2	851.2	843.3	839.1	834.9	832.5	834.9	839.1	843.3	851.2
829.6	40°	821.1	809.5	798.0	790.2	782.4	777.8	782.4	790.2	798.0	809.5
789.7	42.5°	782.5	768.1	753.7	742.4	731.0	723.6	731.0	742.4	753.7	768.1
751.0	45°	744.5	728.1	711.7	698.3	685.0	676.4	685.0	698.3	711.7	728.1
719.0	47.5°	714.5	699.9	685.3	672.9	660.6	652.3	660.6	672.9	685.3	699.9
696.8	50°	696.6	684.9	673.2	661.8	650.3	642.4	650.3	661.8	673.2	684.9
682.0	52.5°	684.5	675.0	665.4	655.2	645.0	637.7	645.0	655.2	665.4	675.0
669.8	55°	673.2	664.9	656.6	647.6	638.7	632.0	638.7	647.6	656.6	664.9
657.8	57.5°	661.2	652.8	644.4	635.5	626.6	619.8	626.6	635.5	644.4	652.8
640.8	60°	644.5	636.3	628.2	619.0	609.9	602.8	609.9	619.0	628.2	636.3
614.4	62.5°	618.0	610.6	603.2	593.6	583.9	575.4	583.9	593.6	603.2	610.6
578.5	65°	582.1	575.0	567.9	558.6	549.3	542.0	549.3	558.6	567.9	575.0
537.7	67.5°	541.2	534.7	528.2	519.5	510.8	504.2	510.8	519.5	528.2	534.7
494.0	70°	497.5	492.2	486.9	478.6	470.3	462.7	470.3	478.6	486.9	492.2
445.3	72.5°	449.4	445.0	440.5	432.6	424.7	417.4	424.7	432.6	440.5	445.0
387.7	75°	392.1	389.9	387.7	381.1	374.4	367.4	374.4	381.1	387.7	389.9
332.3	77.5°	336.4	333.4	330.3	323.6	316.9	311.3	316.9	323.6	330.3	333.4
268.2	80°	273.6	272.3	271.0	262.0	252.9	242.4	252.9	262.0	271.0	272.3
195.1	82.5°	204.2	203.7	203.1	195.5	187.8	181.1	187.8	195.5	203.1	203.7
118.4	85°	129.7	128.8	127.8	121.9	115.9	109.9	115.9	121.9	127.8	128.8
51.6	87.5°	56.2	55.1	53.9	50.8	47.7	44.8	47.7	50.8	53.9	55.1
0.0	90°	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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1133.4	2.5°	1137.9	1142.4	1148.0	1153.5	1160.6	1167.8	1174.9	1182.0	1190.1	1198.3
1064.5	5°	1070.7	1076.8	1085.7	1094.5	1106.0	1117.5	1130.1	1142.8	1157.1	1171.4
1023.0	7.5°	1030.3	1037.7	1048.2	1058.7	1072.7	1086.7	1102.7	1118.6	1137.4	1156.3
1010.4	10°	1018.7	1026.9	1039.5	1052.1	1067.9	1083.7	1100.8	1118.0	1136.8	1155.7
1029.0	12.5°	1039.6	1050.2	1066.2	1082.3	1098.6	1114.9	1128.3	1141.8	1154.3	1166.8
1067.3	15°	1083.4	1099.6	1122.4	1145.2	1159.4	1173.6	1177.1	1180.6	1178.9	1177.2
1104.2	17.5°	1128.0	1151.7	1182.0	1212.2	1223.6	1235.1	1224.2	1213.2	1192.7	1172.1
1126.6	20°	1155.7	1184.9	1219.4	1254.0	1259.3	1264.6	1241.7	1218.8	1183.1	1147.4
1127.4	22.5°	1157.4	1187.4	1220.5	1253.5	1250.3	1247.1	1217.4	1187.6	1146.7	1106.0
1104.6	25°	1131.2	1157.9	1184.9	1212.0	1201.1	1190.1	1160.8	1131.6	1094.9	1058.2
1059.9	27.5°	1080.6	1101.3	1120.5	1139.8	1127.6	1115.4	1091.9	1068.4	1038.3	1008.2
1004.8	30°	1019.7	1034.5	1049.2	1063.9	1054.0	1044.1	1024.5	1005.0	980.0	955.1
949.5	32.5°	961.3	973.2	986.7	1000.2	989.2	978.2	959.4	940.8	920.8	900.8
900.7	35°	911.6	922.5	932.1	941.7	928.5	915.3	896.8	878.3	863.1	847.8
859.2	37.5°	869.3	879.3	883.7	888.2	871.8	855.5	837.0	818.6	807.7	796.8
821.1	40°	829.6	838.2	837.1	836.0	817.2	798.5	780.6	762.8	754.9	747.0
782.5	42.5°	789.7	796.9	791.5	786.0	765.8	745.5	728.6	711.7	705.2	698.8
744.5	45°	751.0	757.5	749.7	741.9	720.9	699.9	683.8	667.8	662.3	657.0
714.5	47.5°	719.0	723.6	714.6	705.6	684.9	664.1	648.5	632.8	627.7	622.6
696.6	50°	696.8	697.0	685.5	674.0	655.4	636.9	622.1	607.3	599.3	591.4
684.5	52.5°	682.0	679.6	666.0	652.3	635.0	617.7	604.1	590.5	578.7	566.7
673.2	55°	669.8	666.4	651.9	637.5	622.3	607.1	592.5	577.9	561.0	544.1
661.2	57.5°	657.8	654.3	639.8	625.2	610.2	595.2	578.0	560.8	542.6	524.4
644.5	60°	640.8	637.0	622.4	607.8	592.5	577.2	557.5	537.8	521.9	505.9
618.0	62.5°	614.4	610.7	597.3	583.9	567.7	551.4	528.4	505.4	495.3	485.1
582.1	65°	578.5	574.7	562.9	551.2	535.6	520.0	495.4	470.7	466.9	463.0
541.2	67.5°	537.7	534.0	523.8	513.7	498.9	484.2	461.4	438.7	439.9	441.1
497.5	70°	494.0	490.5	481.3	472.1	459.4	446.7	426.7	406.7	410.9	415.2
449.4	72.5°	445.3	441.1	432.1	423.1	411.6	400.1	384.4	368.6	374.8	381.0
392.1	75°	387.7	383.4	375.2	367.0	356.5	346.1	334.4	322.7	328.7	334.7
336.4	77.5°	332.3	328.3	319.7	311.1	302.1	293.1	283.7	274.1	280.2	286.2
273.6	80°	268.2	262.8	256.3	249.8	242.2	234.7	226.8	218.9	224.0	229.0
204.2	82.5°	195.1	185.9	172.0	158.0	160.7	163.3	164.0	164.6	168.2	171.8
129.7	85°	118.4	107.1	94.0	80.9	88.2	95.5	99.0	102.4	106.4	110.4
56.2	87.5°	51.6	47.1	41.6	36.1	41.7	47.3	47.4	47.5	48.3	49.1
0.0	90°	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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1207.3	2.5°	1216.4	1227.5	1237.6	1248.0	1258.3	1269.2	1280.0	1290.8	1301.6	1311.7
1188.5	5°	1205.6	1225.2	1245.0	1266.0	1287.0	1309.4	1331.9	1354.2	1376.6	1399.0
1179.0	7.5°	1201.7	1227.1	1254.1	1283.4	1312.7	1345.9	1379.2	1413.3	1447.5	1484.4
1179.7	10°	1203.6	1230.8	1264.2	1298.9	1333.5	1373.9	1414.3	1459.4	1504.6	1551.3
1186.4	12.5°	1206.0	1231.3	1266.4	1305.6	1344.8	1392.4	1440.0	1491.2	1542.3	1593.6
1186.5	15°	1195.9	1216.2	1255.0	1300.4	1345.8	1400.6	1455.5	1511.0	1566.4	1620.0
1168.7	17.5°	1165.3	1177.8	1223.4	1278.0	1332.6	1396.3	1459.9	1520.4	1581.0	1635.3
1131.3	20°	1115.3	1118.6	1171.7	1239.4	1307.0	1384.2	1461.3	1527.9	1594.4	1650.8
1082.3	22.5°	1058.5	1052.1	1112.6	1194.0	1275.5	1369.4	1463.2	1537.9	1612.4	1670.1
1030.8	25°	1003.5	986.0	1048.1	1143.4	1238.9	1354.7	1470.7	1556.0	1641.2	1697.7
981.8	27.5°	955.4	934.2	990.6	1097.2	1203.7	1345.0	1486.3	1584.3	1682.2	1736.1
934.0	30°	913.1	896.4	943.8	1058.5	1173.2	1340.4	1507.6	1620.9	1734.3	1786.3
888.4	32.5°	876.0	868.6	906.8	1025.1	1143.4	1334.8	1526.0	1659.2	1792.4	1843.9
844.4	35°	841.0	844.1	875.9	992.4	1108.8	1324.1	1539.5	1702.8	1866.0	1915.4
800.5	37.5°	804.3	815.5	843.4	953.8	1064.2	1305.8	1547.5	1751.6	1955.7	2018.6
755.6	40°	764.1	781.3	806.6	907.7	1008.9	1280.7	1552.5	1813.5	2074.5	2166.2
710.1	42.5°	721.4	743.1	766.4	856.9	947.5	1254.8	1562.1	1894.6	2227.2	2359.5
667.9	45°	679.0	700.0	723.6	803.0	882.4	1230.7	1578.9	2001.3	2423.7	2602.2
631.9	47.5°	641.1	659.2	689.6	760.3	831.0	1210.7	1590.5	2115.0	2639.5	2890.8
599.5	50°	607.8	628.7	668.7	731.9	795.2	1189.0	1582.9	2220.5	2858.0	3236.8
574.8	52.5°	582.9	612.2	658.2	713.3	768.4	1152.4	1536.5	2289.0	3041.4	3600.3
556.9	55°	569.7	613.9	656.7	699.7	742.8	1091.6	1440.5	2273.9	3107.2	3922.6
543.1	57.5°	561.8	615.5	653.3	683.7	714.1	1006.0	1297.8	2167.6	3037.5	4150.9
530.1	60°	554.3	610.3	635.3	659.2	683.1	894.8	1106.5	1970.0	2833.5	4208.0
515.4	62.5°	545.6	597.6	600.7	616.5	632.4	761.7	890.9	1702.7	2514.4	3967.7
495.2	65°	527.3	567.0	566.6	574.1	581.6	641.9	702.2	1429.9	2157.7	3627.7
467.9	67.5°	494.7	517.0	518.0	513.8	509.6	526.8	543.9	1162.8	1781.6	3223.0
434.2	70°	453.3	460.6	460.6	441.2	421.8	416.9	412.0	915.5	1419.0	2781.5
394.1	72.5°	407.2	407.1	402.4	374.9	347.4	332.6	317.8	699.9	1082.0	2302.8
344.7	75°	354.8	356.6	335.3	304.4	273.6	260.2	246.8	508.0	769.2	1754.1
294.3	77.5°	302.3	303.3	268.1	238.2	208.2	199.1	190.0	344.2	498.5	1227.7
235.8	80°	242.5	242.7	200.7	175.4	150.0	146.2	142.4	221.8	301.2	791.0
175.1	82.5°	178.4	176.4	140.6	121.9	103.2	102.4	101.8	136.4	171.1	457.8
113.9	85°	117.4	114.9	88.2	74.5	60.8	61.2	61.6	72.9	84.3	205.9
50.5	87.5°	51.9	48.6	37.5	31.9	26.3	26.6	27.0	30.2	33.5	67.4
0.0	90°	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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1321.9	2.5°	1326.9	1331.9	1339.0	1346.2	1350.4	1354.7	1356.8	1358.9	1358.0	1358.9
1421.4	5°	1438.9	1456.4	1473.8	1491.2	1500.6	1510.1	1515.8	1521.5	1525.9	1521.5
1521.4	7.5°	1549.9	1578.3	1603.9	1629.5	1645.0	1660.4	1668.7	1677.0	1681.1	1677.0
1598.0	10°	1631.7	1665.4	1695.4	1725.5	1743.7	1761.8	1769.9	1778.0	1781.1	1778.0
1645.0	12.5°	1681.5	1717.9	1745.1	1772.2	1785.4	1798.6	1803.0	1807.5	1807.9	1807.5
1673.5	15°	1705.0	1736.5	1753.5	1770.6	1771.1	1771.5	1766.8	1762.1	1756.5	1762.1
1689.5	17.5°	1710.8	1732.1	1732.4	1732.7	1713.6	1694.5	1677.0	1659.5	1647.1	1659.5
1707.2	20°	1714.6	1722.1	1699.7	1677.3	1635.1	1592.9	1562.2	1531.5	1512.7	1531.5
1727.8	22.5°	1718.0	1708.3	1661.9	1615.5	1553.5	1491.4	1453.0	1414.7	1393.8	1414.7
1754.2	25°	1723.5	1692.8	1622.4	1551.9	1476.6	1401.3	1360.9	1320.6	1300.9	1320.6
1790.0	27.5°	1735.2	1680.3	1587.0	1493.7	1410.2	1326.7	1287.0	1247.3	1228.7	1247.3
1838.4	30°	1756.6	1674.9	1560.0	1445.1	1358.1	1271.2	1234.3	1197.5	1180.1	1197.5
1895.4	32.5°	1783.5	1671.6	1541.6	1411.6	1329.9	1248.2	1219.2	1190.3	1177.8	1190.3
1964.8	35°	1827.8	1690.9	1555.4	1420.0	1363.2	1306.5	1299.7	1293.0	1291.9	1293.0
2081.5	37.5°	1920.4	1759.3	1636.2	1513.0	1509.4	1505.7	1536.5	1567.4	1583.4	1567.4
2257.9	40°	2082.7	1907.5	1815.9	1724.4	1789.0	1853.6	1928.6	2003.6	2040.9	2003.6
2491.9	42.5°	2318.0	2144.1	2091.4	2038.7	2179.6	2320.6	2457.0	2593.4	2673.5	2593.4
2780.8	45°	2624.6	2468.4	2445.1	2421.8	2647.6	2873.5	3097.6	3321.8	3457.9	3321.8
3142.1	47.5°	2990.1	2838.2	2833.5	2828.7	3154.5	3480.1	3808.3	4136.4	4329.0	4136.4
3615.6	50°	3428.0	3240.3	3241.1	3241.9	3661.7	4081.5	4514.7	4947.8	5209.7	4947.8
4159.2	52.5°	3932.0	3704.8	3681.8	3658.8	4160.2	4661.7	5197.6	5733.5	6047.4	5733.5
4738.0	55°	4513.5	4289.0	4199.4	4109.8	4667.9	5225.9	5864.8	6503.7	6877.0	6503.7
5264.4	57.5°	5142.1	5019.8	4840.2	4660.5	5224.1	5787.6	6511.2	7234.8	7697.8	7234.8
5582.5	60°	5772.4	5962.4	5739.3	5516.2	6049.4	6582.7	7357.5	8132.3	8632.6	8132.3
5421.0	62.5°	5939.9	6458.8	6433.6	6408.4	6897.0	7385.5	8122.7	8859.7	9322.2	8859.7
5097.6	65°	5584.7	6071.7	6168.0	6264.3	6885.2	7506.0	8220.8	8935.5	9329.3	8935.5
4664.4	67.5°	5127.6	5590.8	5636.0	5681.1	6328.0	6974.8	7692.6	8410.5	8718.9	8410.5
4143.9	70°	4647.7	5151.6	5171.7	5192.0	5770.4	6348.9	6966.6	7584.3	7755.8	7584.3
3523.7	72.5°	4101.8	4680.0	4694.5	4709.0	5161.6	5614.1	6076.8	6539.4	6556.8	6539.4
2739.0	75°	3337.4	3935.8	3989.5	4043.2	4395.3	4747.4	5073.1	5398.8	5311.6	5398.8
1957.0	77.5°	2515.5	3074.2	3151.0	3227.9	3495.6	3763.3	3994.3	4225.3	4075.3	4225.3
1280.8	80°	1750.8	2220.7	2316.2	2411.8	2613.9	2816.0	2937.3	3058.6	2817.3	3058.6
744.5	82.5°	1065.8	1387.1	1493.8	1600.6	1739.8	1878.9	1929.5	1980.1	1790.5	1980.1
327.6	85°	498.1	668.6	759.4	850.2	964.5	1078.8	1107.5	1136.3	984.4	1136.3
101.4	87.5°	158.7	216.0	266.7	317.3	374.5	431.7	434.1	436.5	366.5	436.5
0.0	90°	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):**

325°		330°	335°	340°	345°	350°	355°	360°
1229.2	0°	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2	1229.2
1356.8	2.5°	1354.7	1350.4	1346.2	1339.0	1331.9	1326.9	1321.9
1515.8	5°	1510.1	1500.6	1491.2	1473.8	1456.4	1438.9	1421.4
1668.7	7.5°	1660.4	1645.0	1629.5	1603.9	1578.3	1549.9	1521.4
1769.9	10°	1761.8	1743.7	1725.5	1695.4	1665.4	1631.7	1598.0
1803.0	12.5°	1798.6	1785.4	1772.2	1745.1	1717.9	1681.5	1645.0
1766.8	15°	1771.5	1771.1	1770.6	1753.5	1736.5	1705.0	1673.5
1677.0	17.5°	1694.5	1713.6	1732.7	1732.4	1732.1	1710.8	1689.5
1562.2	20°	1592.9	1635.1	1677.3	1699.7	1722.1	1714.6	1707.2
1453.0	22.5°	1491.4	1553.5	1615.5	1661.9	1708.3	1718.0	1727.8
1360.9	25°	1401.3	1476.6	1551.9	1622.4	1692.8	1723.5	1754.2
1287.0	27.5°	1326.7	1410.2	1493.7	1587.0	1680.3	1735.2	1790.0
1234.3	30°	1271.2	1358.1	1445.1	1560.0	1674.9	1756.6	1838.4
1219.2	32.5°	1248.2	1329.9	1411.6	1541.6	1671.6	1783.5	1895.4
1299.7	35°	1306.5	1363.2	1420.0	1555.4	1690.9	1827.8	1964.8
1536.5	37.5°	1505.7	1509.4	1513.0	1636.2	1759.3	1920.4	2081.5
1928.6	40°	1853.6	1789.0	1724.4	1815.9	1907.5	2082.7	2257.9
2457.0	42.5°	2320.6	2179.6	2038.7	2091.4	2144.1	2318.0	2491.9
3097.6	45°	2873.5	2647.6	2421.8	2445.1	2468.4	2624.6	2780.8
3808.3	47.5°	3480.1	3154.5	2828.7	2833.5	2838.2	2990.1	3142.1
4514.7	50°	4081.5	3661.7	3241.9	3241.1	3240.3	3428.0	3615.6
5197.6	52.5°	4661.7	4160.2	3658.8	3681.8	3704.8	3932.0	4159.2
5864.8	55°	5225.9	4667.9	4109.8	4199.4	4289.0	4513.5	4738.0
6511.2	57.5°	5787.6	5224.1	4660.5	4840.2	5019.8	5142.1	5264.4
7357.5	60°	6582.7	6049.4	5516.2	5739.3	5962.4	5772.4	5582.5
8122.7	62.5°	7385.5	6897.0	6408.4	6433.6	6458.8	5939.9	5421.0
8220.8	65°	7506.0	6885.2	6264.3	6168.0	6071.7	5584.7	5097.6
7692.6	67.5°	6974.8	6328.0	5681.1	5636.0	5590.8	5127.6	4664.4
6966.6	70°	6348.9	5770.4	5192.0	5171.7	5151.6	4647.7	4143.9
6076.8	72.5°	5614.1	5161.6	4709.0	4694.5	4680.0	4101.8	3523.7
5073.1	75°	4747.4	4395.3	4043.2	3989.5	3935.8	3337.4	2739.0
3994.3	77.5°	3763.3	3495.6	3227.9	3151.0	3074.2	2515.5	1957.0
2937.3	80°	2816.0	2613.9	2411.8	2316.2	2220.7	1750.8	1280.8
1929.5	82.5°	1878.9	1739.8	1600.6	1493.8	1387.1	1065.8	744.5
1107.5	85°	1078.8	964.5	850.2	759.4	668.6	498.1	327.6
434.1	87.5°	431.7	374.5	317.3	266.7	216.0	158.7	101.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)