

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: P945976

Luminaire Tested: **GALN-SB1D-735-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945976  
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-SB1D-735-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

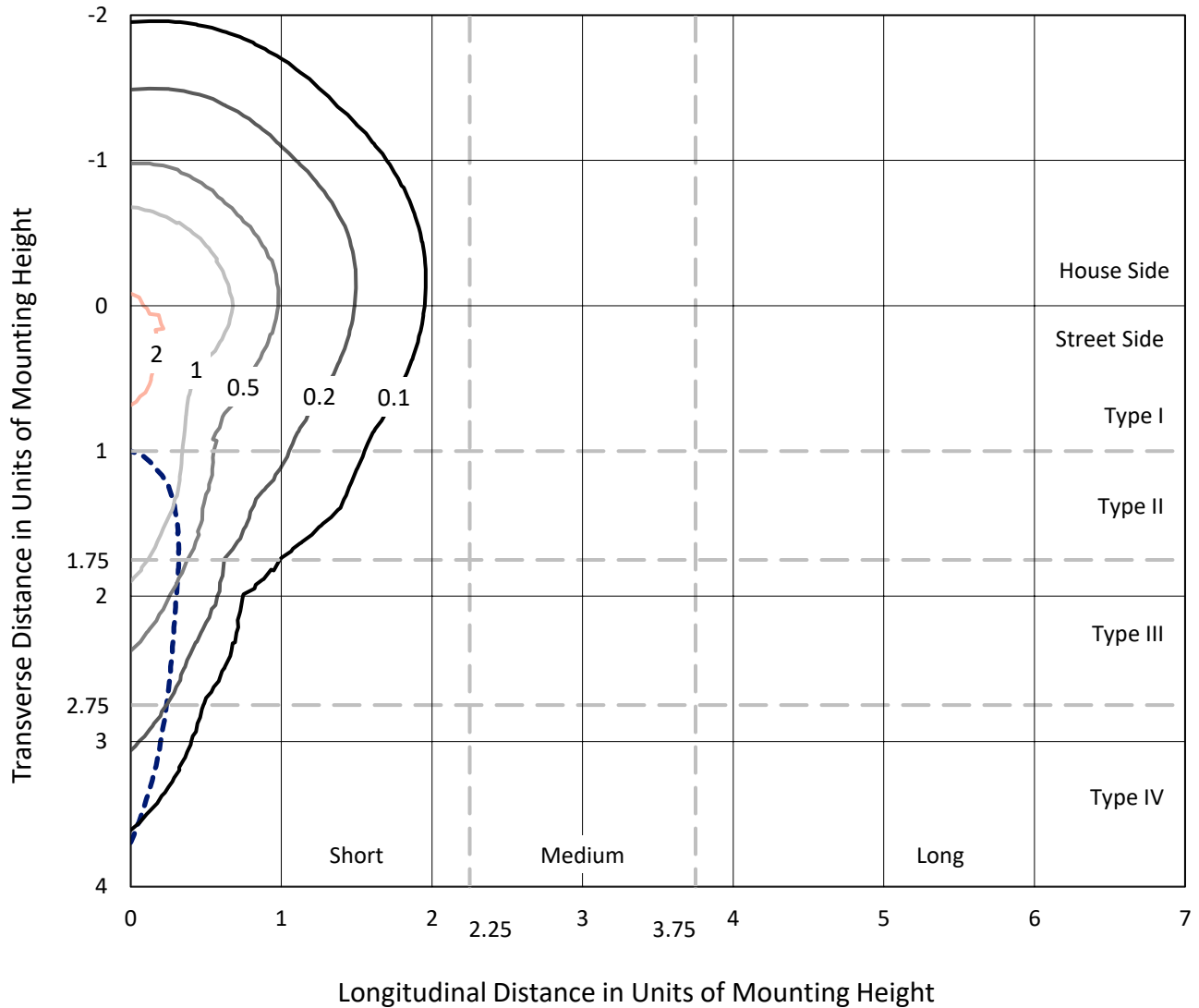
Lumens per Lamp: N/A  
Luminaire Lumens: 10143 lumens  
Efficiency: N/A  
Efficacy: 127.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

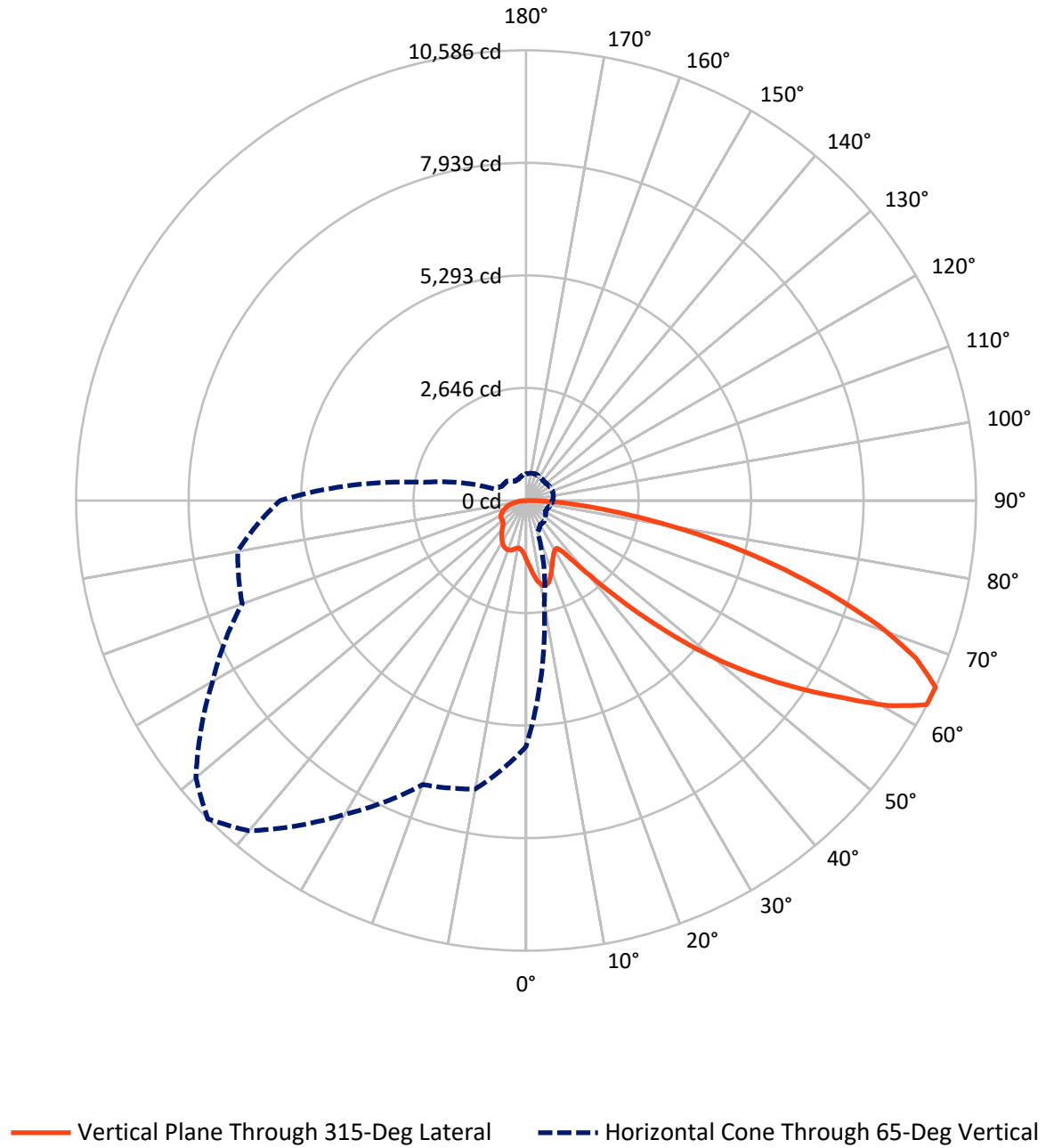
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 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	2577.8	0.0	2577.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	7565.2	0.0	7565.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	10143.0	0.0	10143.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	138.4	1.4
10°-20°	434.3	4.3
20°-30°	670.9	6.6
30°-40°	850.2	8.4
40°-50°	1282.3	12.6
50°-60°	2071.8	20.4
60°-70°	2582.8	25.5
70°-80°	1693.7	16.7
80°-90°	418.7	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°	10143.0	100.0
0°-180°	10143.0	100.0



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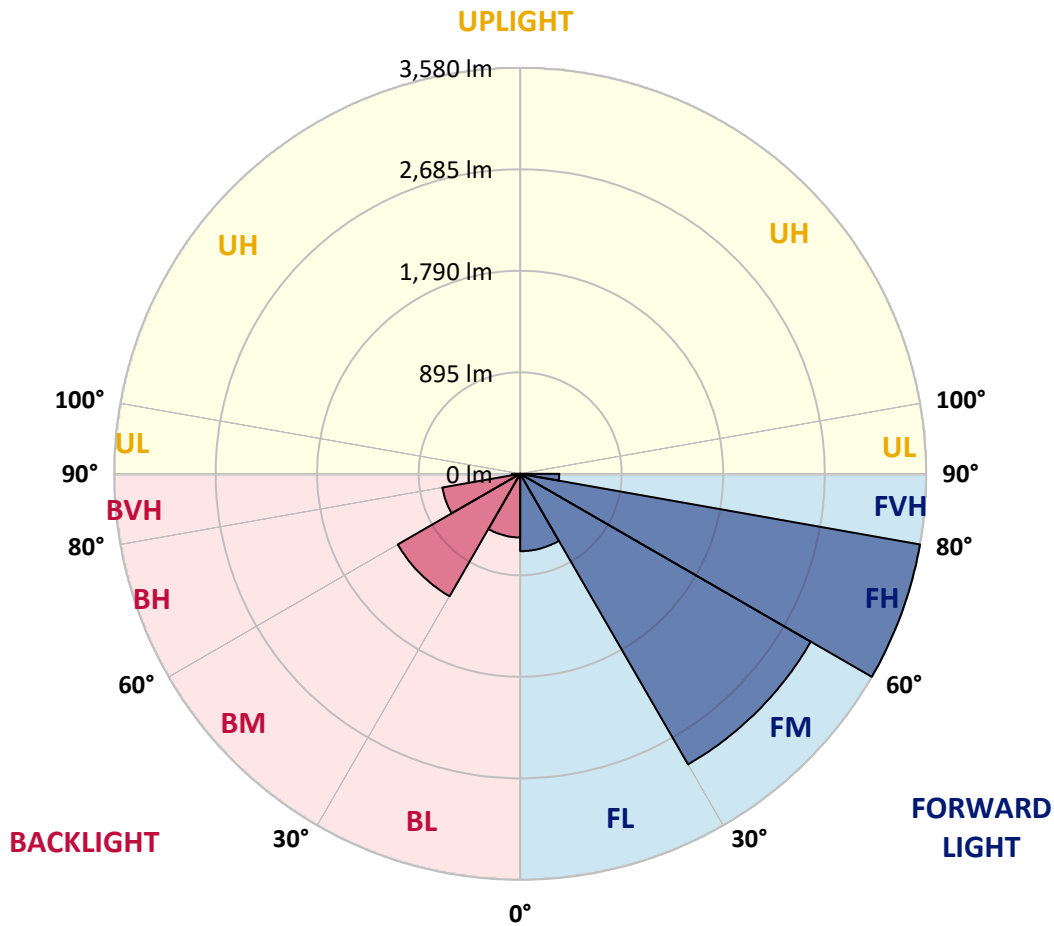
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	682.2	6.7			
FM (30°-60°)	2958.5	29.2			
FH (60°-80°)	3579.5	35.3			G2/5000
FVH (80°-90°)	344.9	3.4			G3/500
BL (0°-30°)	561.4	5.5	B2/1000		
BM (30°-60°)	1245.8	12.3	B2/2500		
BH (60°-80°)	696.9	6.9	B2/1000		G2/1000
BVH (80°-90°)	73.8	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°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
2.5°	1499.9	1488.4	1476.9	1464.6	1452.4	1440.1	1427.8	1416.1	1404.3	1392.9
5°	1612.8	1587.4	1562.0	1536.6	1511.3	1485.8	1460.3	1436.5	1412.7	1390.2
7.5°	1726.3	1684.4	1642.4	1603.7	1564.9	1527.2	1489.5	1456.2	1423.0	1392.3
10°	1813.3	1760.2	1707.2	1656.0	1604.8	1559.0	1513.1	1473.9	1434.5	1396.6
12.5°	1866.5	1808.3	1750.0	1692.0	1634.0	1579.9	1525.9	1481.4	1436.9	1397.2
15°	1898.9	1838.2	1777.4	1714.5	1651.5	1589.3	1527.1	1475.6	1424.1	1380.0
17.5°	1917.1	1855.5	1793.9	1725.2	1656.6	1584.3	1512.1	1450.1	1388.2	1336.4
20°	1937.2	1873.2	1809.1	1733.6	1658.2	1570.6	1483.1	1406.3	1329.6	1269.2
22.5°	1960.5	1895.1	1829.6	1745.0	1660.3	1553.8	1447.3	1354.9	1262.4	1193.8
25°	1990.4	1926.3	1862.3	1765.5	1668.8	1537.2	1405.7	1297.4	1189.2	1118.9
27.5°	2031.1	1970.0	1908.8	1797.7	1686.4	1526.1	1365.8	1244.9	1124.0	1060.0
30°	2086.0	2026.9	1967.8	1839.2	1710.6	1521.0	1331.2	1201.1	1070.9	1017.2
32.5°	2150.7	2092.2	2033.8	1882.6	1731.5	1514.5	1297.4	1163.2	1028.9	985.6
35°	2229.4	2173.4	2117.4	1932.1	1746.8	1502.4	1258.2	1126.0	993.9	957.8
37.5°	2361.9	2290.5	2219.1	1987.5	1755.9	1481.7	1207.5	1082.2	957.0	925.4
40°	2562.0	2458.0	2353.9	2057.8	1761.6	1453.2	1144.8	1030.0	915.2	886.6
42.5°	2827.5	2677.3	2527.1	2149.8	1772.5	1423.8	1075.1	972.4	869.6	843.2
45°	3155.3	2952.7	2750.2	2270.9	1791.6	1396.4	1001.3	911.1	821.0	794.2
47.5°	3565.3	3280.2	2995.0	2399.9	1804.7	1373.8	942.9	862.7	782.5	748.0
50°	4102.6	3672.8	3242.9	2519.5	1796.2	1349.2	902.3	830.5	758.8	713.4
52.5°	4719.5	4085.2	3451.0	2597.3	1743.4	1307.6	871.9	809.3	746.9	694.7
55°	5376.2	4450.9	3525.7	2580.1	1634.5	1238.7	842.8	794.0	745.1	696.6
57.5°	5973.4	4710.0	3446.6	2459.6	1472.6	1141.5	810.3	775.8	741.3	698.4
60°	6334.4	4774.8	3215.1	2235.3	1255.5	1015.3	775.1	748.0	720.8	692.6
62.5°	6151.1	4502.1	2853.1	1932.0	1010.9	864.3	717.6	699.6	681.6	678.1
65°	5784.3	4116.3	2448.3	1622.5	796.8	728.4	659.9	651.4	642.9	643.3
67.5°	5292.7	3657.1	2021.6	1319.4	617.2	597.8	578.3	583.1	587.8	586.6
70°	4702.1	3156.1	1610.2	1038.8	467.5	473.1	478.6	500.6	522.6	522.6
72.5°	3998.3	2613.0	1227.8	794.2	360.6	377.4	394.2	425.4	456.6	461.9
75°	3107.9	1990.4	872.8	576.4	280.0	295.2	310.4	345.4	380.4	404.6
77.5°	2220.6	1393.1	565.6	390.6	215.6	225.9	236.3	270.3	304.3	344.1
80°	1453.4	897.5	341.7	251.7	161.6	165.9	170.2	199.0	227.7	275.4
82.5°	844.8	519.5	194.2	154.8	115.5	116.2	117.1	138.3	159.5	200.2
85°	371.7	233.7	95.7	82.7	69.8	69.5	69.0	84.6	100.1	130.3
87.5°	115.1	76.5	38.0	34.3	30.6	30.2	29.9	36.2	42.5	55.1
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1380.2	2.5°	1369.9	1359.7	1350.4	1341.2	1333.1	1325.1	1316.9	1308.8	1302.6	1296.3
1368.0	5°	1348.6	1329.2	1312.9	1296.7	1282.4	1268.0	1255.0	1241.9	1231.9	1221.9
1363.6	7.5°	1337.8	1312.1	1290.7	1269.2	1251.2	1233.1	1217.2	1201.3	1189.3	1177.5
1365.7	10°	1338.6	1311.4	1290.0	1268.5	1249.1	1229.6	1211.7	1193.8	1179.5	1165.3
1368.4	12.5°	1346.2	1324.0	1309.8	1295.6	1280.3	1265.1	1246.6	1228.0	1209.8	1191.6
1357.0	15°	1346.4	1335.8	1337.7	1339.6	1335.7	1331.7	1315.6	1299.5	1273.6	1247.7
1322.2	17.5°	1326.1	1330.0	1353.3	1376.7	1389.1	1401.4	1388.4	1375.5	1341.2	1306.9
1265.5	20°	1283.7	1301.9	1342.4	1383.0	1408.9	1434.9	1428.9	1422.8	1383.6	1344.4
1201.1	22.5°	1228.0	1255.0	1301.2	1347.5	1381.3	1415.1	1418.7	1422.3	1384.8	1347.4
1138.7	25°	1169.7	1200.7	1242.3	1284.0	1317.2	1350.4	1362.9	1375.2	1344.5	1313.8
1084.1	27.5°	1114.0	1144.0	1178.2	1212.4	1239.0	1265.7	1279.5	1293.3	1271.4	1249.6
1036.1	30°	1059.8	1083.7	1112.1	1140.4	1162.5	1184.7	1195.9	1207.2	1190.5	1173.8
994.0	32.5°	1008.1	1022.1	1044.8	1067.5	1088.7	1109.9	1122.4	1134.9	1119.6	1104.2
954.3	35°	958.1	962.0	979.3	996.6	1017.5	1038.6	1053.6	1068.5	1057.6	1046.8
912.6	37.5°	908.4	904.1	916.5	928.9	949.8	970.8	989.3	1007.8	1002.8	997.7
867.0	40°	857.3	847.7	856.6	865.5	885.8	906.0	927.3	948.7	949.9	951.1
818.6	42.5°	805.8	792.9	800.2	807.5	826.7	845.9	868.9	891.9	898.1	904.2
770.4	45°	757.9	745.4	751.5	757.7	775.9	794.1	818.0	841.9	850.7	859.5
727.5	47.5°	717.0	706.5	712.3	718.0	735.8	753.6	777.1	800.7	810.8	821.0
689.6	50°	680.3	671.0	680.0	689.1	705.9	722.6	743.7	764.8	777.9	790.9
661.4	52.5°	652.2	643.1	656.6	670.1	685.5	700.9	720.5	740.2	755.7	771.1
646.4	55°	631.9	617.4	636.6	655.7	672.3	688.9	706.2	723.3	739.7	756.1
637.4	57.5°	616.2	595.0	615.7	636.4	655.8	675.3	692.3	709.4	726.0	742.4
629.0	60°	601.5	574.0	592.2	610.2	632.6	655.0	672.3	689.6	706.2	722.8
619.1	62.5°	584.8	550.5	562.0	573.5	599.5	625.7	644.1	662.6	677.8	693.0
598.4	65°	561.9	525.3	529.7	534.1	562.1	590.1	607.7	625.4	638.8	652.1
561.3	67.5°	530.9	500.5	499.1	497.7	523.5	549.4	566.1	582.8	594.4	606.0
514.3	70°	492.7	471.1	466.3	461.5	484.1	506.8	521.3	535.7	546.2	556.6
462.0	72.5°	447.2	432.3	425.3	418.3	436.1	454.0	467.0	480.1	490.3	500.5
402.6	75°	391.2	379.7	373.0	366.2	379.5	392.7	404.6	416.4	425.7	435.0
343.1	77.5°	333.9	324.8	317.9	311.1	321.9	332.6	342.8	353.0	362.8	372.5
275.2	80°	267.6	259.8	254.1	248.3	257.3	266.3	274.8	283.4	290.8	298.2
202.4	82.5°	198.7	194.9	190.9	186.8	186.0	185.3	182.3	179.3	195.1	211.0
133.3	85°	129.3	125.2	120.7	116.1	112.3	108.4	100.1	91.8	106.6	121.5
58.9	87.5°	57.3	55.7	54.8	53.9	53.8	53.6	47.3	40.9	47.2	53.4
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1291.2	2.5°	1286.1	1282.1	1278.2	1274.5	1270.8	1266.3	1270.8	1274.5	1278.2	1282.1
1214.9	5°	1207.9	1202.9	1197.9	1194.1	1190.3	1186.6	1190.3	1194.1	1197.9	1202.9
1169.1	7.5°	1160.8	1155.0	1149.4	1145.9	1142.6	1140.0	1142.6	1145.9	1149.4	1155.0
1155.9	10°	1146.5	1141.1	1135.7	1132.8	1129.9	1128.8	1129.9	1132.8	1135.7	1141.1
1179.6	12.5°	1167.6	1161.5	1155.5	1153.1	1150.6	1150.2	1150.6	1153.1	1155.5	1161.5
1229.4	15°	1211.1	1202.7	1194.3	1191.1	1187.9	1187.6	1187.9	1191.1	1194.3	1202.7
1279.9	17.5°	1252.9	1240.5	1228.0	1224.0	1219.8	1219.2	1219.8	1224.0	1228.0	1240.5
1311.4	20°	1278.3	1262.4	1246.5	1241.4	1236.3	1234.7	1236.3	1241.4	1246.5	1262.4
1313.3	22.5°	1279.3	1262.5	1245.7	1240.1	1234.5	1232.0	1234.5	1240.1	1245.7	1262.5
1283.5	25°	1253.3	1238.8	1224.3	1219.0	1213.7	1210.6	1213.7	1219.0	1224.3	1238.8
1226.1	27.5°	1202.6	1192.9	1183.1	1180.7	1178.3	1177.5	1178.3	1180.7	1183.1	1192.9
1157.0	30°	1140.1	1135.1	1130.1	1130.1	1130.1	1130.9	1130.1	1130.1	1130.1	1135.1
1090.8	32.5°	1077.4	1074.1	1070.8	1071.3	1071.8	1072.6	1071.8	1071.3	1070.8	1074.1
1034.3	35°	1022.0	1017.0	1012.1	1011.0	1009.9	1009.4	1009.9	1011.0	1012.1	1017.0
986.3	37.5°	974.9	965.8	956.8	952.1	947.3	944.6	947.3	952.1	956.8	965.8
941.4	40°	931.7	918.5	905.5	896.6	887.8	882.6	887.8	896.6	905.5	918.5
896.0	42.5°	887.9	871.6	855.3	842.4	829.5	821.0	829.5	842.4	855.3	871.6
852.2	45°	844.8	826.1	807.5	792.4	777.2	767.5	777.2	792.4	807.5	826.1
815.9	47.5°	810.7	794.1	777.5	763.5	749.6	740.2	749.6	763.5	777.5	794.1
790.6	50°	790.4	777.1	763.8	750.9	737.9	729.0	737.9	750.9	763.8	777.1
773.9	52.5°	776.7	765.9	755.1	743.5	731.9	723.6	731.9	743.5	755.1	765.9
760.0	55°	763.8	754.4	745.0	734.8	724.7	717.2	724.7	734.8	745.0	754.4
746.3	57.5°	750.3	740.7	731.2	721.1	711.0	703.3	711.0	721.1	731.2	740.7
727.1	60°	731.4	722.0	712.8	702.4	692.0	684.0	692.0	702.4	712.8	722.0
697.1	62.5°	701.2	692.8	684.4	673.5	662.6	653.0	662.6	673.5	684.4	692.8
656.4	65°	660.6	652.5	644.4	633.8	623.2	615.0	623.2	633.8	644.4	652.5
610.1	67.5°	614.2	606.7	599.3	589.5	579.6	572.1	579.6	589.5	599.3	606.7
560.6	70°	564.5	558.5	552.4	543.0	533.6	525.0	533.6	543.0	552.4	558.5
505.2	72.5°	509.9	504.9	499.9	490.9	482.0	473.7	482.0	490.9	499.9	504.9
439.9	75°	444.9	442.4	439.9	432.4	424.8	416.9	424.8	432.4	439.9	442.4
377.1	77.5°	381.7	378.3	374.8	367.2	359.6	353.2	359.6	367.2	374.8	378.3
304.3	80°	310.4	308.9	307.5	297.3	287.0	275.1	287.0	297.3	307.5	308.9
221.4	82.5°	231.7	231.1	230.4	221.8	213.1	205.5	213.1	221.8	230.4	231.1
134.3	85°	147.2	146.1	145.0	138.3	131.6	124.7	131.6	138.3	145.0	146.1
58.6	87.5°	63.8	62.5	61.1	57.7	54.2	50.8	54.2	57.7	61.1	62.5
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1286.1	2.5°	1291.2	1296.3	1302.6	1308.8	1316.9	1325.1	1333.1	1341.2	1350.4	1359.7
1207.9	5°	1214.9	1221.9	1231.9	1241.9	1255.0	1268.0	1282.4	1296.7	1312.9	1329.2
1160.8	7.5°	1169.1	1177.5	1189.3	1201.3	1217.2	1233.1	1251.2	1269.2	1290.7	1312.1
1146.5	10°	1155.9	1165.3	1179.5	1193.8	1211.7	1229.6	1249.1	1268.5	1290.0	1311.4
1167.6	12.5°	1179.6	1191.6	1209.8	1228.0	1246.6	1265.1	1280.3	1295.6	1309.8	1324.0
1211.1	15°	1229.4	1247.7	1273.6	1299.5	1315.6	1331.7	1335.7	1339.6	1337.7	1335.8
1252.9	17.5°	1279.9	1306.9	1341.2	1375.5	1388.4	1401.4	1389.1	1376.7	1353.3	1330.0
1278.3	20°	1311.4	1344.4	1383.6	1422.8	1428.9	1434.9	1408.9	1383.0	1342.4	1301.9
1279.3	22.5°	1313.3	1347.4	1384.8	1422.3	1418.7	1415.1	1381.3	1347.5	1301.2	1255.0
1253.3	25°	1283.5	1313.8	1344.5	1375.2	1362.9	1350.4	1317.2	1284.0	1242.3	1200.7
1202.6	27.5°	1226.1	1249.6	1271.4	1293.3	1279.5	1265.7	1239.0	1212.4	1178.2	1144.0
1140.1	30°	1157.0	1173.8	1190.5	1207.2	1195.9	1184.7	1162.5	1140.4	1112.1	1083.7
1077.4	32.5°	1090.8	1104.2	1119.6	1134.9	1122.4	1109.9	1088.7	1067.5	1044.8	1022.1
1022.0	35°	1034.3	1046.8	1057.6	1068.5	1053.6	1038.6	1017.5	996.6	979.3	962.0
974.9	37.5°	986.3	997.7	1002.8	1007.8	989.3	970.8	949.8	928.9	916.5	904.1
931.7	40°	941.4	951.1	949.9	948.7	927.3	906.0	885.8	865.5	856.6	847.7
887.9	42.5°	896.0	904.2	898.1	891.9	868.9	845.9	826.7	807.5	800.2	792.9
844.8	45°	852.2	859.5	850.7	841.9	818.0	794.1	775.9	757.7	751.5	745.4
810.7	47.5°	815.9	821.0	810.8	800.7	777.1	753.6	735.8	718.0	712.3	706.5
790.4	50°	790.6	790.9	777.9	764.8	743.7	722.6	705.9	689.1	680.0	671.0
776.7	52.5°	773.9	771.1	755.7	740.2	720.5	700.9	685.5	670.1	656.6	643.1
763.8	55°	760.0	756.1	739.7	723.3	706.2	688.9	672.3	655.7	636.6	617.4
750.3	57.5°	746.3	742.4	726.0	709.4	692.3	675.3	655.8	636.4	615.7	595.0
731.4	60°	727.1	722.8	706.2	689.6	672.3	655.0	632.6	610.2	592.2	574.0
701.2	62.5°	697.1	693.0	677.8	662.6	644.1	625.7	599.5	573.5	562.0	550.5
660.6	65°	656.4	652.1	638.8	625.4	607.7	590.1	562.1	534.1	529.7	525.3
614.2	67.5°	610.1	606.0	594.4	582.8	566.1	549.4	523.5	497.7	499.1	500.5
564.5	70°	560.6	556.6	546.2	535.7	521.3	506.8	484.1	461.5	466.3	471.1
509.9	72.5°	505.2	500.5	490.3	480.1	467.0	454.0	436.1	418.3	425.3	432.3
444.9	75°	439.9	435.0	425.7	416.4	404.6	392.7	379.5	366.2	373.0	379.7
381.7	77.5°	377.1	372.5	362.8	353.0	342.8	332.6	321.9	311.1	317.9	324.8
310.4	80°	304.3	298.2	290.8	283.4	274.8	266.3	257.3	248.3	254.1	259.8
231.7	82.5°	221.4	211.0	195.1	179.3	182.3	185.3	186.0	186.8	190.9	194.9
147.2	85°	134.3	121.5	106.6	91.8	100.1	108.4	112.3	116.1	120.7	125.2
63.8	87.5°	58.6	53.4	47.2	40.9	47.3	53.6	53.8	53.9	54.8	55.7
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1369.9	2.5°	1380.2	1392.9	1404.3	1416.1	1427.8	1440.1	1452.4	1464.6	1476.9	1488.4
1348.6	5°	1368.0	1390.2	1412.7	1436.5	1460.3	1485.8	1511.3	1536.6	1562.0	1587.4
1337.8	7.5°	1363.6	1392.3	1423.0	1456.2	1489.5	1527.2	1564.9	1603.7	1642.4	1684.4
1338.6	10°	1365.7	1396.6	1434.5	1473.9	1513.1	1559.0	1604.8	1656.0	1707.2	1760.2
1346.2	12.5°	1368.4	1397.2	1436.9	1481.4	1525.9	1579.9	1634.0	1692.0	1750.0	1808.3
1346.4	15°	1357.0	1380.0	1424.1	1475.6	1527.1	1589.3	1651.5	1714.5	1777.4	1838.2
1326.1	17.5°	1322.2	1336.4	1388.2	1450.1	1512.1	1584.3	1656.6	1725.2	1793.9	1855.5
1283.7	20°	1265.5	1269.2	1329.6	1406.3	1483.1	1570.6	1658.2	1733.6	1809.1	1873.2
1228.0	22.5°	1201.1	1193.8	1262.4	1354.9	1447.3	1553.8	1660.3	1745.0	1829.6	1895.1
1169.7	25°	1138.7	1118.9	1189.2	1297.4	1405.7	1537.2	1668.8	1765.5	1862.3	1926.3
1114.0	27.5°	1084.1	1060.0	1124.0	1244.9	1365.8	1526.1	1686.4	1797.7	1908.8	1970.0
1059.8	30°	1036.1	1017.2	1070.9	1201.1	1331.2	1521.0	1710.6	1839.2	1967.8	2026.9
1008.1	32.5°	994.0	985.6	1028.9	1163.2	1297.4	1514.5	1731.5	1882.6	2033.8	2092.2
958.1	35°	954.3	957.8	993.9	1126.0	1258.2	1502.4	1746.8	1932.1	2117.4	2173.4
908.4	37.5°	912.6	925.4	957.0	1082.2	1207.5	1481.7	1755.9	1987.5	2219.1	2290.5
857.3	40°	867.0	886.6	915.2	1030.0	1144.8	1453.2	1761.6	2057.8	2353.9	2458.0
805.8	42.5°	818.6	843.2	869.6	972.4	1075.1	1423.8	1772.5	2149.8	2527.1	2677.3
757.9	45°	770.4	794.2	821.0	911.1	1001.3	1396.4	1791.6	2270.9	2750.2	2952.7
717.0	47.5°	727.5	748.0	782.5	862.7	942.9	1373.8	1804.7	2399.9	2995.0	3280.2
680.3	50°	689.6	713.4	758.8	830.5	902.3	1349.2	1796.2	2519.5	3242.9	3672.8
652.2	52.5°	661.4	694.7	746.9	809.3	871.9	1307.6	1743.4	2597.3	3451.0	4085.2
631.9	55°	646.4	696.6	745.1	794.0	842.8	1238.7	1634.5	2580.1	3525.7	4450.9
616.2	57.5°	637.4	698.4	741.3	775.8	810.3	1141.5	1472.6	2459.6	3446.6	4710.0
601.5	60°	629.0	692.6	720.8	748.0	775.1	1015.3	1255.5	2235.3	3215.1	4774.8
584.8	62.5°	619.1	678.1	681.6	699.6	717.6	864.3	1010.9	1932.0	2853.1	4502.1
561.9	65°	598.4	643.3	642.9	651.4	659.9	728.4	796.8	1622.5	2448.3	4116.3
530.9	67.5°	561.3	586.6	587.8	583.1	578.3	597.8	617.2	1319.4	2021.6	3657.1
492.7	70°	514.3	522.6	522.6	500.6	478.6	473.1	467.5	1038.8	1610.2	3156.1
447.2	72.5°	462.0	461.9	456.6	425.4	394.2	377.4	360.6	794.2	1227.8	2613.0
391.2	75°	402.6	404.6	380.4	345.4	310.4	295.2	280.0	576.4	872.8	1990.4
333.9	77.5°	343.1	344.1	304.3	270.3	236.3	225.9	215.6	390.6	565.6	1393.1
267.6	80°	275.2	275.4	227.7	199.0	170.2	165.9	161.6	251.7	341.7	897.5
198.7	82.5°	202.4	200.2	159.5	138.3	117.1	116.2	115.5	154.8	194.2	519.5
129.3	85°	133.3	130.3	100.1	84.6	69.0	69.5	69.8	82.7	95.7	233.7
57.3	87.5°	58.9	55.1	42.5	36.2	29.9	30.2	30.6	34.3	38.0	76.5
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1499.9	2.5°	1505.6	1511.3	1519.4	1527.5	1532.3	1537.1	1539.5	1541.9	1540.9	1541.9
1612.8	5°	1632.7	1652.6	1672.3	1692.1	1702.8	1713.5	1719.9	1726.5	1731.4	1726.5
1726.3	7.5°	1758.6	1790.9	1820.0	1849.0	1866.5	1884.0	1893.5	1902.9	1907.5	1902.9
1813.3	10°	1851.5	1889.7	1923.8	1957.9	1978.6	1999.1	2008.3	2017.5	2020.9	2017.5
1866.5	12.5°	1908.0	1949.3	1980.2	2010.9	2025.9	2040.9	2045.9	2050.9	2051.4	2050.9
1898.9	15°	1934.7	1970.4	1989.7	2009.1	2009.6	2010.1	2004.8	1999.4	1993.1	1999.4
1917.1	17.5°	1941.2	1965.4	1965.8	1966.1	1944.4	1922.7	1902.9	1883.0	1868.9	1883.0
1937.2	20°	1945.6	1954.0	1928.6	1903.2	1855.3	1807.5	1772.7	1737.8	1716.4	1737.8
1960.5	22.5°	1949.4	1938.4	1885.7	1833.1	1762.7	1692.3	1648.8	1605.2	1581.5	1605.2
1990.4	25°	1955.6	1920.9	1840.9	1760.9	1675.5	1590.0	1544.2	1498.5	1476.1	1498.5
2031.1	27.5°	1968.9	1906.7	1800.8	1694.9	1600.2	1505.4	1460.4	1415.4	1394.2	1415.4
2086.0	30°	1993.2	1900.5	1770.1	1639.8	1541.1	1442.4	1400.6	1358.8	1339.1	1358.8
2150.7	32.5°	2023.7	1896.8	1749.3	1601.8	1509.0	1416.3	1383.5	1350.6	1336.4	1350.6
2229.4	35°	2074.0	1918.6	1764.9	1611.2	1546.8	1482.4	1474.8	1467.1	1465.9	1467.1
2361.9	37.5°	2179.0	1996.2	1856.5	1716.8	1712.7	1708.5	1743.5	1778.5	1796.7	1778.5
2562.0	40°	2363.2	2164.4	2060.5	1956.6	2029.9	2103.3	2188.4	2273.5	2315.8	2273.5
2827.5	42.5°	2630.2	2432.9	2373.1	2313.3	2473.2	2633.1	2787.9	2942.7	3033.6	2942.7
3155.3	45°	2978.1	2800.8	2774.5	2748.0	3004.2	3260.5	3514.8	3769.2	3923.6	3769.2
3565.3	47.5°	3392.9	3220.4	3215.1	3209.7	3579.4	3948.9	4321.2	4693.5	4912.1	4693.5
4102.6	50°	3889.7	3676.8	3677.7	3678.6	4154.9	4631.3	5122.7	5614.2	5911.4	5614.2
4719.5	52.5°	4461.6	4203.8	4177.7	4151.6	4720.6	5289.6	5897.7	6505.7	6861.9	6505.7
5376.2	55°	5121.4	4866.6	4765.0	4663.4	5296.6	5929.8	6654.8	7379.7	7803.3	7379.7
5973.4	57.5°	5834.7	5695.9	5492.1	5288.3	5927.7	6567.1	7388.2	8209.3	8734.6	8209.3
6334.4	60°	6549.9	6765.4	6512.3	6259.1	6864.2	7469.4	8348.5	9227.6	9795.4	9227.6
6151.1	62.5°	6739.9	7328.7	7300.2	7271.6	7825.9	8380.3	9216.7	10053.1	10577.8	10053.1
5784.3	65°	6336.9	6889.5	6998.8	7108.1	7812.5	8517.0	9328.1	10139.1	10585.9	10139.1
5292.7	67.5°	5818.2	6343.8	6395.1	6446.3	7180.3	7914.2	8728.7	9543.3	9893.3	9543.3
4702.1	70°	5273.7	5845.4	5868.3	5891.3	6547.7	7204.0	7905.0	8605.9	8800.4	8605.9
3998.3	72.5°	4654.3	5310.3	5326.8	5343.2	5856.8	6370.3	6895.3	7420.2	7439.9	7420.2
3107.9	75°	3786.9	4465.9	4526.8	4587.8	4987.3	5386.9	5756.4	6126.0	6027.0	6126.0
2220.6	77.5°	2854.4	3488.2	3575.5	3662.7	3966.4	4270.2	4532.2	4794.4	4624.2	4794.4
1453.4	80°	1986.6	2519.8	2628.2	2736.6	2966.0	3195.3	3332.9	3470.6	3196.8	3470.6
844.8	82.5°	1209.4	1573.9	1695.1	1816.2	1974.1	2132.0	2189.4	2246.8	2031.6	2246.8
371.7	85°	565.2	758.7	861.7	964.7	1094.4	1224.1	1256.7	1289.3	1117.0	1289.3
115.1	87.5°	180.1	245.1	302.6	360.1	425.0	489.8	492.6	495.3	415.9	495.3
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1539.5	2.5°	1537.1	1532.3	1527.5	1519.4	1511.3	1505.6	1499.9
1719.9	5°	1713.5	1702.8	1692.1	1672.3	1652.6	1632.7	1612.8
1893.5	7.5°	1884.0	1866.5	1849.0	1820.0	1790.9	1758.6	1726.3
2008.3	10°	1999.1	1978.6	1957.9	1923.8	1889.7	1851.5	1813.3
2045.9	12.5°	2040.9	2025.9	2010.9	1980.2	1949.3	1908.0	1866.5
2004.8	15°	2010.1	2009.6	2009.1	1989.7	1970.4	1934.7	1898.9
1902.9	17.5°	1922.7	1944.4	1966.1	1965.8	1965.4	1941.2	1917.1
1772.7	20°	1807.5	1855.3	1903.2	1928.6	1954.0	1945.6	1937.2
1648.8	22.5°	1692.3	1762.7	1833.1	1885.7	1938.4	1949.4	1960.5
1544.2	25°	1590.0	1675.5	1760.9	1840.9	1920.9	1955.6	1990.4
1460.4	27.5°	1505.4	1600.2	1694.9	1800.8	1906.7	1968.9	2031.1
1400.6	30°	1442.4	1541.1	1639.8	1770.1	1900.5	1993.2	2086.0
1383.5	32.5°	1416.3	1509.0	1601.8	1749.3	1896.8	2023.7	2150.7
1474.8	35°	1482.4	1546.8	1611.2	1764.9	1918.6	2074.0	2229.4
1743.5	37.5°	1708.5	1712.7	1716.8	1856.5	1996.2	2179.0	2361.9
2188.4	40°	2103.3	2029.9	1956.6	2060.5	2164.4	2363.2	2562.0
2787.9	42.5°	2633.1	2473.2	2313.3	2373.1	2432.9	2630.2	2827.5
3514.8	45°	3260.5	3004.2	2748.0	2774.5	2800.8	2978.1	3155.3
4321.2	47.5°	3948.9	3579.4	3209.7	3215.1	3220.4	3392.9	3565.3
5122.7	50°	4631.3	4154.9	3678.6	3677.7	3676.8	3889.7	4102.6
5897.7	52.5°	5289.6	4720.6	4151.6	4177.7	4203.8	4461.6	4719.5
6654.8	55°	5929.8	5296.6	4663.4	4765.0	4866.6	5121.4	5376.2
7388.2	57.5°	6567.1	5927.7	5288.3	5492.1	5695.9	5834.7	5973.4
8348.5	60°	7469.4	6864.2	6259.1	6512.3	6765.4	6549.9	6334.4
9216.7	62.5°	8380.3	7825.9	7271.6	7300.2	7328.7	6739.9	6151.1
9328.1	65°	8517.0	7812.5	7108.1	6998.8	6889.5	6336.9	5784.3
8728.7	67.5°	7914.2	7180.3	6446.3	6395.1	6343.8	5818.2	5292.7
7905.0	70°	7204.0	6547.7	5891.3	5868.3	5845.4	5273.7	4702.1
6895.3	72.5°	6370.3	5856.8	5343.2	5326.8	5310.3	4654.3	3998.3
5756.4	75°	5386.9	4987.3	4587.8	4526.8	4465.9	3786.9	3107.9
4532.2	77.5°	4270.2	3966.4	3662.7	3575.5	3488.2	2854.4	2220.6
3332.9	80°	3195.3	2966.0	2736.6	2628.2	2519.8	1986.6	1453.4
2189.4	82.5°	2132.0	1974.1	1816.2	1695.1	1573.9	1209.4	844.8
1256.7	85°	1224.1	1094.4	964.7	861.7	758.7	565.2	371.7
492.6	87.5°	489.8	425.0	360.1	302.6	245.1	180.1	115.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)