

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: P946774

Luminaire Tested: **GALN-SB2B-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946774
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-SB2B-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9757 lumens
Efficiency: N/A
Efficacy: 132.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

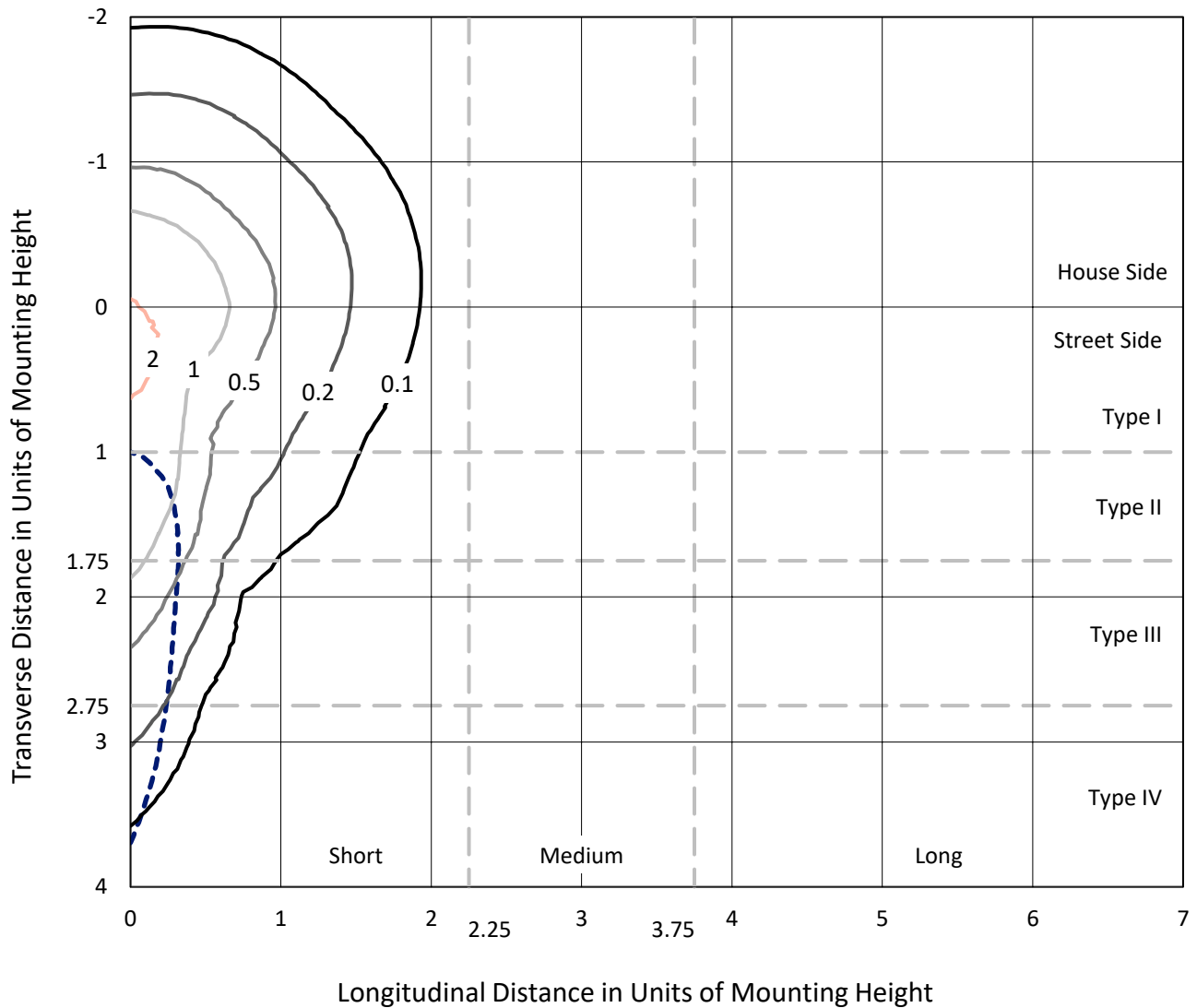
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

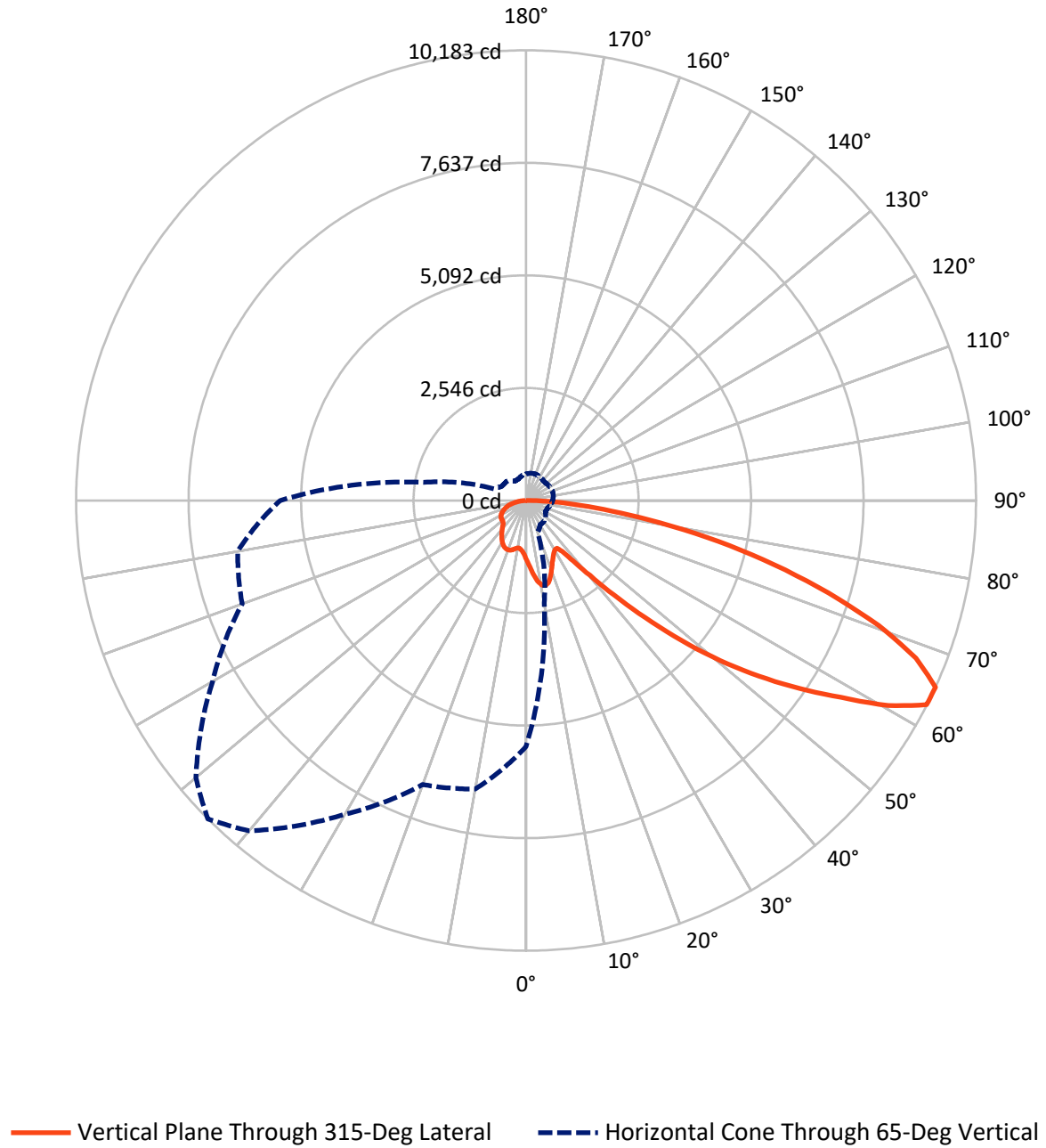
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2479.7	0.0	2479.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7277.3	0.0	7277.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	9757.0	0.0	9757.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.1	1.4
10°-20°	417.8	4.3
20°-30°	645.4	6.6
30°-40°	817.8	8.4
40°-50°	1233.5	12.6
50°-60°	1992.9	20.4
60°-70°	2484.5	25.5
70°-80°	1629.2	16.7
80°-90°	402.8	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°	9757.0	100.0
0°-180°	9757.0	100.0

Coefficient of Utilization



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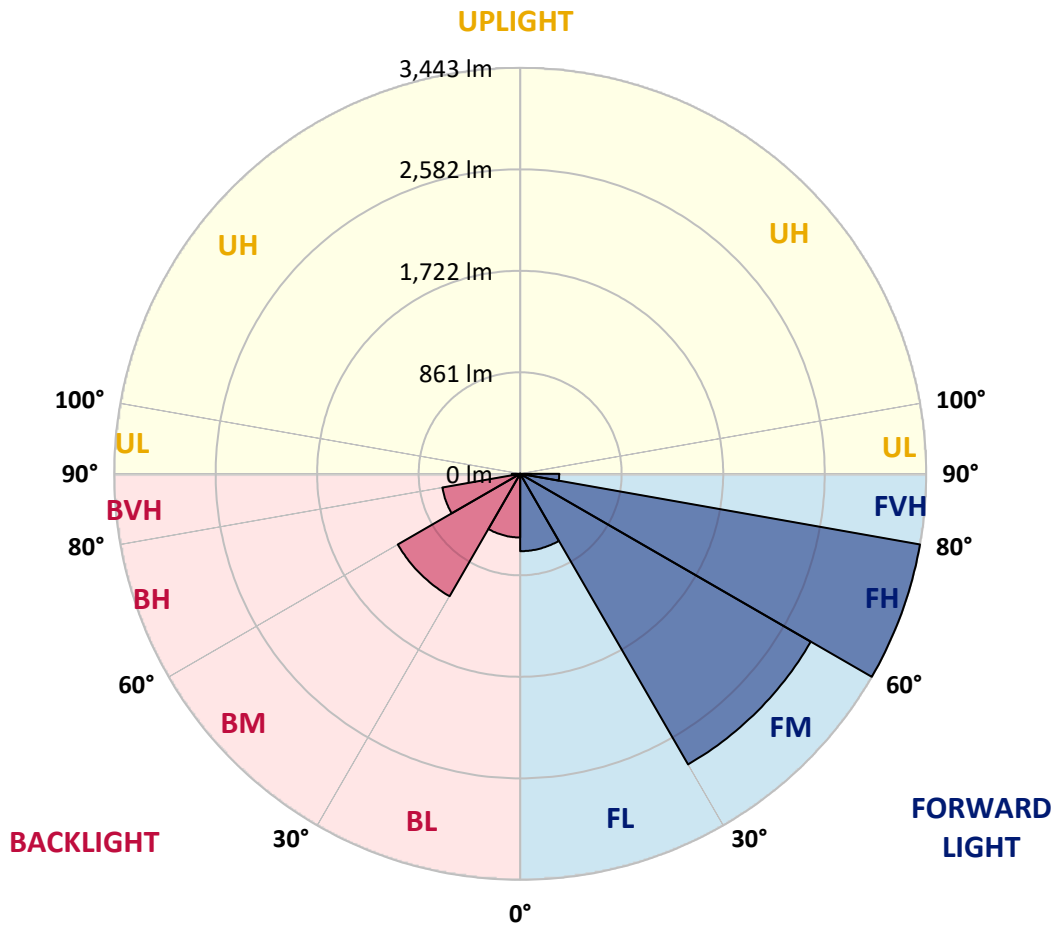
CATALOG NUMBER: GALN-SB2B-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	656.3	6.7			
FM (30°-60°)	2845.9	29.2			
FH (60°-80°)	3443.3	35.3			G2/5000
FVH (80°-90°)	331.8	3.4			G3/500
BL (0°-30°)	540.0	5.5	B2/1000		
BM (30°-60°)	1198.4	12.3	B2/2500		
BH (60°-80°)	670.4	6.9	B2/1000		G2/1000
BVH (80°-90°)	71.0	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°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
2.5°	1442.8	1431.8	1420.7	1408.9	1397.2	1385.3	1373.5	1362.2	1350.8	1339.9
5°	1551.5	1527.0	1502.6	1478.2	1453.8	1429.2	1404.7	1381.8	1358.9	1337.3
7.5°	1660.6	1620.3	1579.9	1542.7	1505.4	1469.1	1432.8	1400.8	1368.9	1339.4
10°	1744.3	1693.3	1642.2	1593.0	1543.7	1499.7	1455.6	1417.8	1379.9	1343.5
12.5°	1795.5	1739.4	1683.4	1627.6	1571.8	1519.8	1467.8	1425.0	1382.2	1344.0
15°	1826.7	1768.2	1709.8	1649.2	1588.7	1528.8	1468.9	1419.4	1369.9	1327.5
17.5°	1844.2	1784.9	1725.6	1659.6	1593.5	1524.0	1454.5	1395.0	1335.4	1285.6
20°	1863.5	1801.9	1740.3	1667.7	1595.1	1510.8	1426.6	1352.8	1279.0	1220.9
22.5°	1885.9	1822.9	1760.0	1678.6	1597.1	1494.7	1392.2	1303.3	1214.4	1148.3
25°	1914.7	1853.0	1791.4	1698.4	1605.3	1478.7	1352.2	1248.1	1144.0	1076.3
27.5°	1953.8	1895.0	1836.2	1729.2	1622.3	1468.1	1313.9	1197.6	1081.3	1019.6
30°	2006.6	1949.7	1893.0	1769.2	1645.5	1463.1	1280.5	1155.4	1030.2	978.5
32.5°	2068.9	2012.6	1956.4	1811.0	1665.6	1456.9	1248.1	1119.0	989.8	948.1
35°	2144.6	2090.7	2036.8	1858.6	1680.3	1445.3	1210.3	1083.2	956.1	921.3
37.5°	2272.0	2203.3	2134.6	1911.9	1689.1	1425.3	1161.6	1041.1	920.5	890.2
40°	2464.5	2364.5	2264.4	1979.5	1694.6	1397.9	1101.2	990.8	880.4	852.8
42.5°	2719.9	2575.4	2431.0	2068.0	1705.0	1369.6	1034.2	935.4	836.5	811.1
45°	3035.2	2840.4	2645.5	2184.5	1723.4	1343.3	963.2	876.5	789.8	764.0
47.5°	3429.6	3155.3	2881.0	2308.5	1736.0	1321.5	907.0	829.9	752.7	719.5
50°	3946.5	3533.0	3119.5	2423.7	1727.8	1297.9	867.9	798.9	729.9	686.3
52.5°	4539.9	3929.8	3319.7	2498.4	1677.1	1257.9	838.7	778.5	718.5	668.3
55°	5171.6	4281.5	3391.5	2481.9	1572.3	1191.5	810.8	763.8	716.8	670.1
57.5°	5746.1	4530.8	3315.5	2366.0	1416.6	1098.0	779.5	746.3	713.1	671.9
60°	6093.4	4593.1	3092.7	2150.2	1207.7	976.7	745.6	719.5	693.4	666.2
62.5°	5917.0	4330.8	2744.5	1858.5	972.4	831.4	690.3	672.9	655.6	652.3
65°	5564.1	3959.6	2355.1	1560.8	766.5	700.6	634.8	626.6	618.4	618.8
67.5°	5091.2	3517.9	1944.7	1269.2	593.7	575.0	556.3	560.9	565.4	564.3
70°	4523.1	3036.0	1548.9	999.3	449.7	455.1	460.4	481.6	502.7	502.7
72.5°	3846.1	2513.5	1181.0	764.0	346.9	363.0	379.2	409.2	439.3	444.3
75°	2989.7	1914.6	839.6	554.5	269.4	284.0	298.6	332.3	365.9	389.2
77.5°	2136.1	1340.1	544.1	375.7	207.4	217.3	227.3	260.0	292.7	331.0
80°	1398.0	863.4	328.7	242.1	155.5	159.6	163.7	191.4	219.1	264.9
82.5°	812.7	499.7	186.8	148.9	111.1	111.8	112.6	133.0	153.4	192.5
85°	357.6	224.8	92.1	79.6	67.2	66.8	66.4	81.3	96.3	125.4
87.5°	110.7	73.6	36.6	33.0	29.4	29.1	28.7	34.8	40.9	53.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1327.7	2.5°	1317.8	1307.9	1299.0	1290.2	1282.4	1274.6	1266.8	1259.0	1253.0	1246.9
1315.9	5°	1297.3	1278.6	1263.0	1247.4	1233.6	1219.8	1207.2	1194.7	1185.1	1175.4
1311.7	7.5°	1286.9	1262.1	1241.5	1220.9	1203.6	1186.2	1170.8	1155.6	1144.1	1132.6
1313.8	10°	1287.6	1261.5	1240.9	1220.3	1201.6	1182.8	1165.6	1148.3	1134.7	1120.9
1316.3	12.5°	1294.9	1273.6	1259.9	1246.3	1231.6	1217.0	1199.1	1181.3	1163.8	1146.3
1305.4	15°	1295.1	1284.9	1286.8	1288.6	1284.8	1281.0	1265.5	1250.0	1225.1	1200.2
1271.9	17.5°	1275.7	1279.4	1301.8	1324.3	1336.2	1348.1	1335.6	1323.1	1290.1	1257.1
1217.3	20°	1234.8	1252.3	1291.3	1330.3	1355.3	1380.3	1374.5	1368.7	1331.0	1293.3
1155.4	22.5°	1181.3	1207.2	1251.7	1296.3	1328.7	1361.2	1364.7	1368.2	1332.1	1296.1
1095.3	25°	1125.2	1155.0	1195.0	1235.1	1267.1	1299.0	1311.0	1322.9	1293.3	1263.8
1042.8	27.5°	1071.6	1100.5	1133.4	1166.2	1191.9	1217.5	1230.8	1244.1	1223.1	1202.0
996.6	30°	1019.5	1042.4	1069.7	1097.0	1118.3	1139.6	1150.4	1161.2	1145.2	1129.1
956.2	32.5°	969.7	983.2	1005.0	1026.8	1047.2	1067.7	1079.7	1091.7	1077.0	1062.2
918.0	35°	921.7	925.4	942.1	958.6	978.8	999.0	1013.5	1027.9	1017.4	1006.9
877.9	37.5°	873.8	869.7	881.6	893.5	913.6	933.8	951.6	969.4	964.6	959.8
834.0	40°	824.7	815.4	824.0	832.6	852.1	871.5	892.0	912.6	913.7	914.9
787.4	42.5°	775.1	762.7	769.7	776.8	795.2	813.7	835.8	858.0	863.9	869.8
741.1	45°	729.1	717.1	722.9	728.9	746.4	763.9	786.9	809.8	818.3	826.8
699.8	47.5°	689.7	679.6	685.1	690.7	707.8	724.9	747.5	770.2	780.0	789.8
663.4	50°	654.4	645.5	654.2	662.9	679.0	695.1	715.4	735.7	748.3	760.8
636.2	52.5°	627.4	618.6	631.6	644.6	659.4	674.2	693.1	712.0	726.9	741.8
621.8	55°	607.8	593.9	612.4	630.8	646.7	662.7	679.3	695.8	711.6	727.4
613.2	57.5°	592.8	572.4	592.3	612.1	630.9	649.6	666.0	682.4	698.3	714.2
605.0	60°	578.6	552.2	569.6	587.0	608.5	630.1	646.7	663.4	679.3	695.3
595.6	62.5°	562.5	529.5	540.6	551.7	576.7	601.8	619.6	637.4	652.0	666.6
575.6	65°	540.5	505.3	509.6	513.8	540.7	567.6	584.6	601.6	614.5	627.3
540.0	67.5°	510.7	481.5	480.1	478.8	503.6	528.5	544.6	560.7	571.8	582.9
494.8	70°	474.0	453.2	448.5	443.9	465.7	487.6	501.5	515.4	525.4	535.4
444.4	72.5°	430.1	415.9	409.1	402.3	419.5	436.7	449.2	461.8	471.6	481.5
387.3	75°	376.3	365.3	358.8	352.3	365.0	377.8	389.2	400.5	409.5	418.5
330.0	77.5°	321.2	312.4	305.8	299.2	309.6	320.0	329.8	339.5	349.0	358.3
264.7	80°	257.4	250.0	244.4	238.9	247.5	256.1	264.4	272.6	279.8	286.9
194.7	82.5°	191.1	187.5	183.6	179.7	179.0	178.2	175.4	172.5	187.7	202.9
128.2	85°	124.3	120.5	116.1	111.7	108.0	104.3	96.3	88.3	102.6	116.9
56.6	87.5°	55.1	53.5	52.7	51.9	51.7	51.6	45.5	39.4	45.4	51.4
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1242.1	2.5°	1237.2	1233.3	1229.5	1226.0	1222.5	1218.1	1222.5	1226.0	1229.5	1233.3
1168.6	5°	1161.9	1157.1	1152.3	1148.7	1145.0	1141.4	1145.0	1148.7	1152.3	1157.1
1124.6	7.5°	1116.6	1111.1	1105.6	1102.3	1099.1	1096.6	1099.1	1102.3	1105.6	1111.1
1112.0	10°	1102.9	1097.7	1092.5	1089.7	1086.9	1085.8	1086.9	1089.7	1092.5	1097.7
1134.7	12.5°	1123.1	1117.3	1111.5	1109.2	1106.8	1106.4	1106.8	1109.2	1111.5	1117.3
1182.6	15°	1165.0	1156.9	1148.9	1145.8	1142.7	1142.4	1142.7	1145.8	1148.9	1156.9
1231.2	17.5°	1205.2	1193.3	1181.3	1177.4	1173.4	1172.8	1173.4	1177.4	1181.3	1193.3
1261.5	20°	1229.7	1214.4	1199.1	1194.2	1189.3	1187.7	1189.3	1194.2	1199.1	1214.4
1263.4	22.5°	1230.6	1214.5	1198.3	1192.9	1187.5	1185.2	1187.5	1192.9	1198.3	1214.5
1234.7	25°	1205.7	1191.6	1177.7	1172.6	1167.6	1164.6	1167.6	1172.6	1177.7	1191.6
1179.4	27.5°	1156.8	1147.5	1138.1	1135.7	1133.4	1132.6	1133.4	1135.7	1138.1	1147.5
1113.0	30°	1096.7	1091.9	1087.1	1087.1	1087.1	1087.9	1087.1	1087.1	1087.1	1091.9
1049.3	32.5°	1036.4	1033.2	1030.1	1030.5	1031.0	1031.7	1031.0	1030.5	1030.1	1033.2
995.0	35°	983.1	978.3	973.6	972.5	971.5	971.0	971.5	972.5	973.6	978.3
948.8	37.5°	937.8	929.1	920.4	915.8	911.3	908.7	911.3	915.8	920.4	929.1
905.6	40°	896.2	883.6	871.0	862.5	854.0	849.0	854.0	862.5	871.0	883.6
861.9	42.5°	854.1	838.4	822.7	810.3	797.9	789.8	797.9	810.3	822.7	838.4
819.7	45°	812.7	794.7	776.8	762.2	747.6	738.3	747.6	762.2	776.8	794.7
784.8	47.5°	779.9	763.9	748.0	734.5	721.0	712.0	721.0	734.5	748.0	763.9
760.5	50°	760.3	747.5	734.8	722.3	709.9	701.2	709.9	722.3	734.8	747.5
744.5	52.5°	747.1	736.7	726.3	715.2	704.0	696.1	704.0	715.2	726.3	736.7
731.1	55°	734.8	725.7	716.7	706.9	697.1	689.9	697.1	706.9	716.7	725.7
717.9	57.5°	721.7	712.5	703.4	693.7	684.0	676.5	684.0	693.7	703.4	712.5
699.4	60°	703.5	694.6	685.7	675.7	665.7	658.0	665.7	675.7	685.7	694.6
670.6	62.5°	674.5	666.5	658.4	647.9	637.4	628.1	637.4	647.9	658.4	666.5
631.4	65°	635.4	627.6	619.9	609.7	599.5	591.6	599.5	609.7	619.9	627.6
586.9	67.5°	590.8	583.6	576.5	567.0	557.6	550.4	557.6	567.0	576.5	583.6
539.2	70°	543.1	537.2	531.4	522.4	513.3	505.1	513.3	522.4	531.4	537.2
486.0	72.5°	490.5	485.7	480.9	472.2	463.6	455.6	463.6	472.2	480.9	485.7
423.2	75°	427.9	425.6	423.2	415.9	408.7	401.1	408.7	415.9	423.2	425.6
362.8	77.5°	367.2	363.9	360.5	353.2	345.9	339.8	345.9	353.2	360.5	363.9
292.7	80°	298.6	297.2	295.8	285.9	276.1	264.6	276.1	285.9	295.8	297.2
212.9	82.5°	222.9	222.3	221.6	213.3	205.0	197.7	205.0	213.3	221.6	222.3
129.2	85°	141.6	140.6	139.5	133.0	126.5	120.0	126.5	133.0	139.5	140.6
56.4	87.5°	61.4	60.1	58.8	55.5	52.1	48.9	52.1	55.5	58.8	60.1
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1237.2	2.5°	1242.1	1246.9	1253.0	1259.0	1266.8	1274.6	1282.4	1290.2	1299.0	1307.9
1161.9	5°	1168.6	1175.4	1185.1	1194.7	1207.2	1219.8	1233.6	1247.4	1263.0	1278.6
1116.6	7.5°	1124.6	1132.6	1144.1	1155.6	1170.8	1186.2	1203.6	1220.9	1241.5	1262.1
1102.9	10°	1112.0	1120.9	1134.7	1148.3	1165.6	1182.8	1201.6	1220.3	1240.9	1261.5
1123.1	12.5°	1134.7	1146.3	1163.8	1181.3	1199.1	1217.0	1231.6	1246.3	1259.9	1273.6
1165.0	15°	1182.6	1200.2	1225.1	1250.0	1265.5	1281.0	1284.8	1288.6	1286.8	1284.9
1205.2	17.5°	1231.2	1257.1	1290.1	1323.1	1335.6	1348.1	1336.2	1324.3	1301.8	1279.4
1229.7	20°	1261.5	1293.3	1331.0	1368.7	1374.5	1380.3	1355.3	1330.3	1291.3	1252.3
1230.6	22.5°	1263.4	1296.1	1332.1	1368.2	1364.7	1361.2	1328.7	1296.3	1251.7	1207.2
1205.7	25°	1234.7	1263.8	1293.3	1322.9	1311.0	1299.0	1267.1	1235.1	1195.0	1155.0
1156.8	27.5°	1179.4	1202.0	1223.1	1244.1	1230.8	1217.5	1191.9	1166.2	1133.4	1100.5
1096.7	30°	1113.0	1129.1	1145.2	1161.2	1150.4	1139.6	1118.3	1097.0	1069.7	1042.4
1036.4	32.5°	1049.3	1062.2	1077.0	1091.7	1079.7	1067.7	1047.2	1026.8	1005.0	983.2
983.1	35°	995.0	1006.9	1017.4	1027.9	1013.5	999.0	978.8	958.6	942.1	925.4
937.8	37.5°	948.8	959.8	964.6	969.4	951.6	933.8	913.6	893.5	881.6	869.7
896.2	40°	905.6	914.9	913.7	912.6	892.0	871.5	852.1	832.6	824.0	815.4
854.1	42.5°	861.9	869.8	863.9	858.0	835.8	813.7	795.2	776.8	769.7	762.7
812.7	45°	819.7	826.8	818.3	809.8	786.9	763.9	746.4	728.9	722.9	717.1
779.9	47.5°	784.8	789.8	780.0	770.2	747.5	724.9	707.8	690.7	685.1	679.6
760.3	50°	760.5	760.8	748.3	735.7	715.4	695.1	679.0	662.9	654.2	645.5
747.1	52.5°	744.5	741.8	726.9	712.0	693.1	674.2	659.4	644.6	631.6	618.6
734.8	55°	731.1	727.4	711.6	695.8	679.3	662.7	646.7	630.8	612.4	593.9
721.7	57.5°	717.9	714.2	698.3	682.4	666.0	649.6	630.9	612.1	592.3	572.4
703.5	60°	699.4	695.3	679.3	663.4	646.7	630.1	608.5	587.0	569.6	552.2
674.5	62.5°	670.6	666.6	652.0	637.4	619.6	601.8	576.7	551.7	540.6	529.5
635.4	65°	631.4	627.3	614.5	601.6	584.6	567.6	540.7	513.8	509.6	505.3
590.8	67.5°	586.9	582.9	571.8	560.7	544.6	528.5	503.6	478.8	480.1	481.5
543.1	70°	539.2	535.4	525.4	515.4	501.5	487.6	465.7	443.9	448.5	453.2
490.5	72.5°	486.0	481.5	471.6	461.8	449.2	436.7	419.5	402.3	409.1	415.9
427.9	75°	423.2	418.5	409.5	400.5	389.2	377.8	365.0	352.3	358.8	365.3
367.2	77.5°	362.8	358.3	349.0	339.5	329.8	320.0	309.6	299.2	305.8	312.4
298.6	80°	292.7	286.9	279.8	272.6	264.4	256.1	247.5	238.9	244.4	250.0
222.9	82.5°	212.9	202.9	187.7	172.5	175.4	178.2	179.0	179.7	183.6	187.5
141.6	85°	129.2	116.9	102.6	88.3	96.3	104.3	108.0	111.7	116.1	120.5
61.4	87.5°	56.4	51.4	45.4	39.4	45.5	51.6	51.7	51.9	52.7	53.5
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1317.8	2.5°	1327.7	1339.9	1350.8	1362.2	1373.5	1385.3	1397.2	1408.9	1420.7	1431.8
1297.3	5°	1315.9	1337.3	1358.9	1381.8	1404.7	1429.2	1453.8	1478.2	1502.6	1527.0
1286.9	7.5°	1311.7	1339.4	1368.9	1400.8	1432.8	1469.1	1505.4	1542.7	1579.9	1620.3
1287.6	10°	1313.8	1343.5	1379.9	1417.8	1455.6	1499.7	1543.7	1593.0	1642.2	1693.3
1294.9	12.5°	1316.3	1344.0	1382.2	1425.0	1467.8	1519.8	1571.8	1627.6	1683.4	1739.4
1295.1	15°	1305.4	1327.5	1369.9	1419.4	1468.9	1528.8	1588.7	1649.2	1709.8	1768.2
1275.7	17.5°	1271.9	1285.6	1335.4	1395.0	1454.5	1524.0	1593.5	1659.6	1725.6	1784.9
1234.8	20°	1217.3	1220.9	1279.0	1352.8	1426.6	1510.8	1595.1	1667.7	1740.3	1801.9
1181.3	22.5°	1155.4	1148.3	1214.4	1303.3	1392.2	1494.7	1597.1	1678.6	1760.0	1822.9
1125.2	25°	1095.3	1076.3	1144.0	1248.1	1352.2	1478.7	1605.3	1698.4	1791.4	1853.0
1071.6	27.5°	1042.8	1019.6	1081.3	1197.6	1313.9	1468.1	1622.3	1729.2	1836.2	1895.0
1019.5	30°	996.6	978.5	1030.2	1155.4	1280.5	1463.1	1645.5	1769.2	1893.0	1949.7
969.7	32.5°	956.2	948.1	989.8	1119.0	1248.1	1456.9	1665.6	1811.0	1956.4	2012.6
921.7	35°	918.0	921.3	956.1	1083.2	1210.3	1445.3	1680.3	1858.6	2036.8	2090.7
873.8	37.5°	877.9	890.2	920.5	1041.1	1161.6	1425.3	1689.1	1911.9	2134.6	2203.3
824.7	40°	834.0	852.8	880.4	990.8	1101.2	1397.9	1694.6	1979.5	2264.4	2364.5
775.1	42.5°	787.4	811.1	836.5	935.4	1034.2	1369.6	1705.0	2068.0	2431.0	2575.4
729.1	45°	741.1	764.0	789.8	876.5	963.2	1343.3	1723.4	2184.5	2645.5	2840.4
689.7	47.5°	699.8	719.5	752.7	829.9	907.0	1321.5	1736.0	2308.5	2881.0	3155.3
654.4	50°	663.4	686.3	729.9	798.9	867.9	1297.9	1727.8	2423.7	3119.5	3533.0
627.4	52.5°	636.2	668.3	718.5	778.5	838.7	1257.9	1677.1	2498.4	3319.7	3929.8
607.8	55°	621.8	670.1	716.8	763.8	810.8	1191.5	1572.3	2481.9	3391.5	4281.5
592.8	57.5°	613.2	671.9	713.1	746.3	779.5	1098.0	1416.6	2366.0	3315.5	4530.8
578.6	60°	605.0	666.2	693.4	719.5	745.6	976.7	1207.7	2150.2	3092.7	4593.1
562.5	62.5°	595.6	652.3	655.6	672.9	690.3	831.4	972.4	1858.5	2744.5	4330.8
540.5	65°	575.6	618.8	618.4	626.6	634.8	700.6	766.5	1560.8	2355.1	3959.6
510.7	67.5°	540.0	564.3	565.4	560.9	556.3	575.0	593.7	1269.2	1944.7	3517.9
474.0	70°	494.8	502.7	502.7	481.6	460.4	455.1	449.7	999.3	1548.9	3036.0
430.1	72.5°	444.4	444.3	439.3	409.2	379.2	363.0	346.9	764.0	1181.0	2513.5
376.3	75°	387.3	389.2	365.9	332.3	298.6	284.0	269.4	554.5	839.6	1914.6
321.2	77.5°	330.0	331.0	292.7	260.0	227.3	217.3	207.4	375.7	544.1	1340.1
257.4	80°	264.7	264.9	219.1	191.4	163.7	159.6	155.5	242.1	328.7	863.4
191.1	82.5°	194.7	192.5	153.4	133.0	112.6	111.8	111.1	148.9	186.8	499.7
124.3	85°	128.2	125.4	96.3	81.3	66.4	66.8	67.2	79.6	92.1	224.8
55.1	87.5°	56.6	53.0	40.9	34.8	28.7	29.1	29.4	33.0	36.6	73.6
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1442.8	2.5°	1448.3	1453.8	1461.6	1469.4	1474.0	1478.6	1480.9	1483.3	1482.2	1483.3
1551.5	5°	1570.6	1589.7	1608.7	1627.7	1638.0	1648.3	1654.5	1660.8	1665.5	1660.8
1660.6	7.5°	1691.7	1722.8	1750.7	1778.7	1795.5	1812.3	1821.5	1830.5	1834.9	1830.5
1744.3	10°	1781.0	1817.8	1850.6	1883.4	1903.3	1923.0	1931.9	1940.7	1944.0	1940.7
1795.5	12.5°	1835.4	1875.1	1904.8	1934.4	1948.8	1963.2	1968.0	1972.9	1973.4	1972.9
1826.7	15°	1861.0	1895.4	1914.0	1932.6	1933.1	1933.6	1928.5	1923.3	1917.3	1923.3
1844.2	17.5°	1867.4	1890.6	1891.0	1891.3	1870.4	1849.6	1830.5	1811.3	1797.8	1811.3
1863.5	20°	1871.5	1879.7	1855.2	1830.8	1784.7	1738.7	1705.2	1671.7	1651.1	1671.7
1885.9	22.5°	1875.3	1864.6	1814.0	1763.3	1695.6	1627.9	1586.0	1544.1	1521.4	1544.1
1914.7	25°	1881.2	1847.8	1770.8	1693.9	1611.7	1529.5	1485.4	1441.4	1419.9	1441.4
1953.8	27.5°	1894.0	1834.1	1732.2	1630.4	1539.3	1448.1	1404.8	1361.5	1341.2	1361.5
2006.6	30°	1917.4	1828.2	1702.8	1577.4	1482.4	1387.5	1347.3	1307.1	1288.1	1307.1
2068.9	32.5°	1946.7	1824.6	1682.7	1540.8	1451.6	1362.4	1330.8	1299.2	1285.6	1299.2
2144.6	35°	1995.1	1845.6	1697.7	1549.9	1487.9	1426.0	1418.6	1411.3	1410.1	1411.3
2272.0	37.5°	2096.1	1920.2	1785.9	1651.5	1647.5	1643.5	1677.1	1710.8	1728.3	1710.8
2464.5	40°	2273.3	2082.0	1982.1	1882.1	1952.7	2023.2	2105.1	2186.9	2227.7	2186.9
2719.9	42.5°	2530.1	2340.4	2282.8	2225.2	2379.1	2532.9	2681.8	2830.7	2918.1	2830.7
3035.2	45°	2864.8	2694.3	2668.9	2643.4	2889.9	3136.4	3381.1	3625.8	3774.3	3625.8
3429.6	47.5°	3263.8	3097.9	3092.7	3087.6	3443.1	3798.6	4156.8	4514.9	4725.2	4514.9
3946.5	50°	3741.6	3536.8	3537.7	3538.6	3996.8	4455.0	4927.8	5400.6	5686.4	5400.6
4539.9	52.5°	4291.8	4043.8	4018.7	3993.6	4540.9	5088.3	5673.2	6258.1	6600.8	6258.1
5171.6	55°	4926.5	4681.4	4583.7	4485.9	5095.1	5704.2	6401.5	7098.9	7506.4	7098.9
5746.1	57.5°	5612.7	5479.2	5283.1	5087.0	5702.1	6317.2	7107.0	7896.9	8402.2	7896.9
6093.4	60°	6300.7	6508.0	6264.5	6020.9	6603.0	7185.1	8030.8	8876.4	9422.6	8876.4
5917.0	62.5°	6483.4	7049.8	7022.4	6994.9	7528.1	8061.4	8865.9	9670.5	10175.3	9670.5
5564.1	65°	6095.7	6627.3	6732.5	6837.6	7515.2	8192.9	8973.1	9753.2	10183.0	9753.2
5091.2	67.5°	5596.8	6102.4	6151.7	6201.0	6907.0	7613.0	8396.6	9180.1	9516.8	9180.1
4523.1	70°	5073.0	5623.0	5645.0	5667.1	6298.5	6929.8	7604.1	8278.4	8465.5	8278.4
3846.1	72.5°	4477.1	5108.2	5124.1	5139.9	5633.9	6127.9	6632.9	7137.8	7156.8	7137.8
2989.7	75°	3642.8	4295.9	4354.6	4413.2	4797.5	5181.9	5537.4	5892.9	5797.6	5892.9
2136.1	77.5°	2745.7	3355.5	3439.4	3523.3	3815.5	4107.6	4359.8	4611.9	4448.2	4611.9
1398.0	80°	1911.0	2423.9	2528.2	2632.5	2853.1	3073.7	3206.1	3338.5	3075.1	3338.5
812.7	82.5°	1163.3	1514.0	1630.5	1747.1	1899.0	2050.9	2106.1	2161.3	1954.3	2161.3
357.6	85°	543.7	729.8	828.9	928.0	1052.8	1177.5	1208.9	1240.2	1074.5	1240.2
110.7	87.5°	173.2	235.8	291.1	346.4	408.8	471.2	473.9	476.5	400.0	476.5
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1480.9	2.5°	1478.6	1474.0	1469.4	1461.6	1453.8	1448.3	1442.8
1654.5	5°	1648.3	1638.0	1627.7	1608.7	1589.7	1570.6	1551.5
1821.5	7.5°	1812.3	1795.5	1778.7	1750.7	1722.8	1691.7	1660.6
1931.9	10°	1923.0	1903.3	1883.4	1850.6	1817.8	1781.0	1744.3
1968.0	12.5°	1963.2	1948.8	1934.4	1904.8	1875.1	1835.4	1795.5
1928.5	15°	1933.6	1933.1	1932.6	1914.0	1895.4	1861.0	1826.7
1830.5	17.5°	1849.6	1870.4	1891.3	1891.0	1890.6	1867.4	1844.2
1705.2	20°	1738.7	1784.7	1830.8	1855.2	1879.7	1871.5	1863.5
1586.0	22.5°	1627.9	1695.6	1763.3	1814.0	1864.6	1875.3	1885.9
1485.4	25°	1529.5	1611.7	1693.9	1770.8	1847.8	1881.2	1914.7
1404.8	27.5°	1448.1	1539.3	1630.4	1732.2	1834.1	1894.0	1953.8
1347.3	30°	1387.5	1482.4	1577.4	1702.8	1828.2	1917.4	2006.6
1330.8	32.5°	1362.4	1451.6	1540.8	1682.7	1824.6	1946.7	2068.9
1418.6	35°	1426.0	1487.9	1549.9	1697.7	1845.6	1995.1	2144.6
1677.1	37.5°	1643.5	1647.5	1651.5	1785.9	1920.2	2096.1	2272.0
2105.1	40°	2023.2	1952.7	1882.1	1982.1	2082.0	2273.3	2464.5
2681.8	42.5°	2532.9	2379.1	2225.2	2282.8	2340.4	2530.1	2719.9
3381.1	45°	3136.4	2889.9	2643.4	2668.9	2694.3	2864.8	3035.2
4156.8	47.5°	3798.6	3443.1	3087.6	3092.7	3097.9	3263.8	3429.6
4927.8	50°	4455.0	3996.8	3538.6	3537.7	3536.8	3741.6	3946.5
5673.2	52.5°	5088.3	4540.9	3993.6	4018.7	4043.8	4291.8	4539.9
6401.5	55°	5704.2	5095.1	4485.9	4583.7	4681.4	4926.5	5171.6
7107.0	57.5°	6317.2	5702.1	5087.0	5283.1	5479.2	5612.7	5746.1
8030.8	60°	7185.1	6603.0	6020.9	6264.5	6508.0	6300.7	6093.4
8865.9	62.5°	8061.4	7528.1	6994.9	7022.4	7049.8	6483.4	5917.0
8973.1	65°	8192.9	7515.2	6837.6	6732.5	6627.3	6095.7	5564.1
8396.6	67.5°	7613.0	6907.0	6201.0	6151.7	6102.4	5596.8	5091.2
7604.1	70°	6929.8	6298.5	5667.1	5645.0	5623.0	5073.0	4523.1
6632.9	72.5°	6127.9	5633.9	5139.9	5124.1	5108.2	4477.1	3846.1
5537.4	75°	5181.9	4797.5	4413.2	4354.6	4295.9	3642.8	2989.7
4359.8	77.5°	4107.6	3815.5	3523.3	3439.4	3355.5	2745.7	2136.1
3206.1	80°	3073.7	2853.1	2632.5	2528.2	2423.9	1911.0	1398.0
2106.1	82.5°	2050.9	1899.0	1747.1	1630.5	1514.0	1163.3	812.7
1208.9	85°	1177.5	1052.8	928.0	828.9	729.8	543.7	357.6
473.9	87.5°	471.2	408.8	346.4	291.1	235.8	173.2	110.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)