

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: P948307

Luminaire Tested: **GALN-SB3B-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948307
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-SB3B-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 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: 10247 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

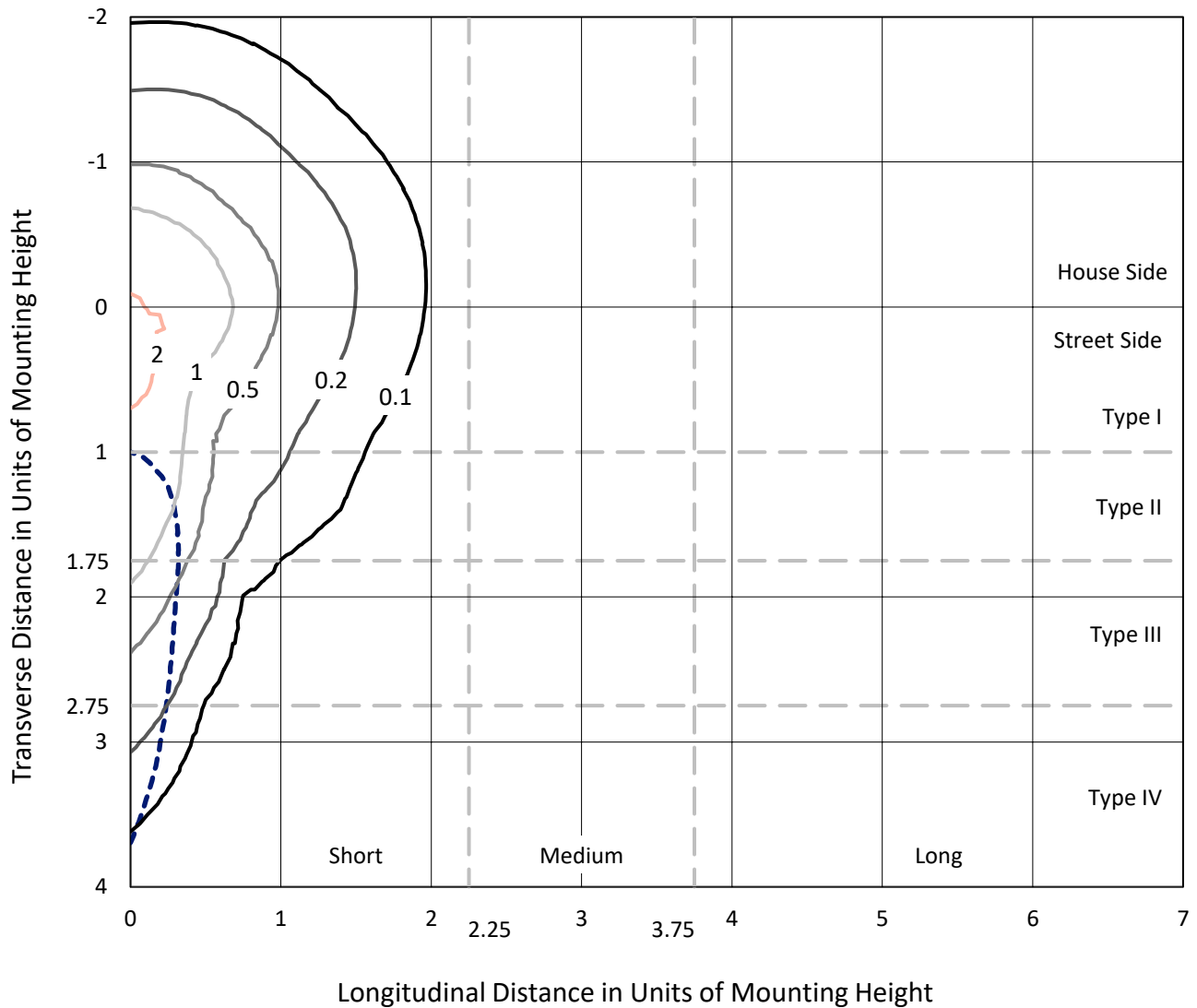
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

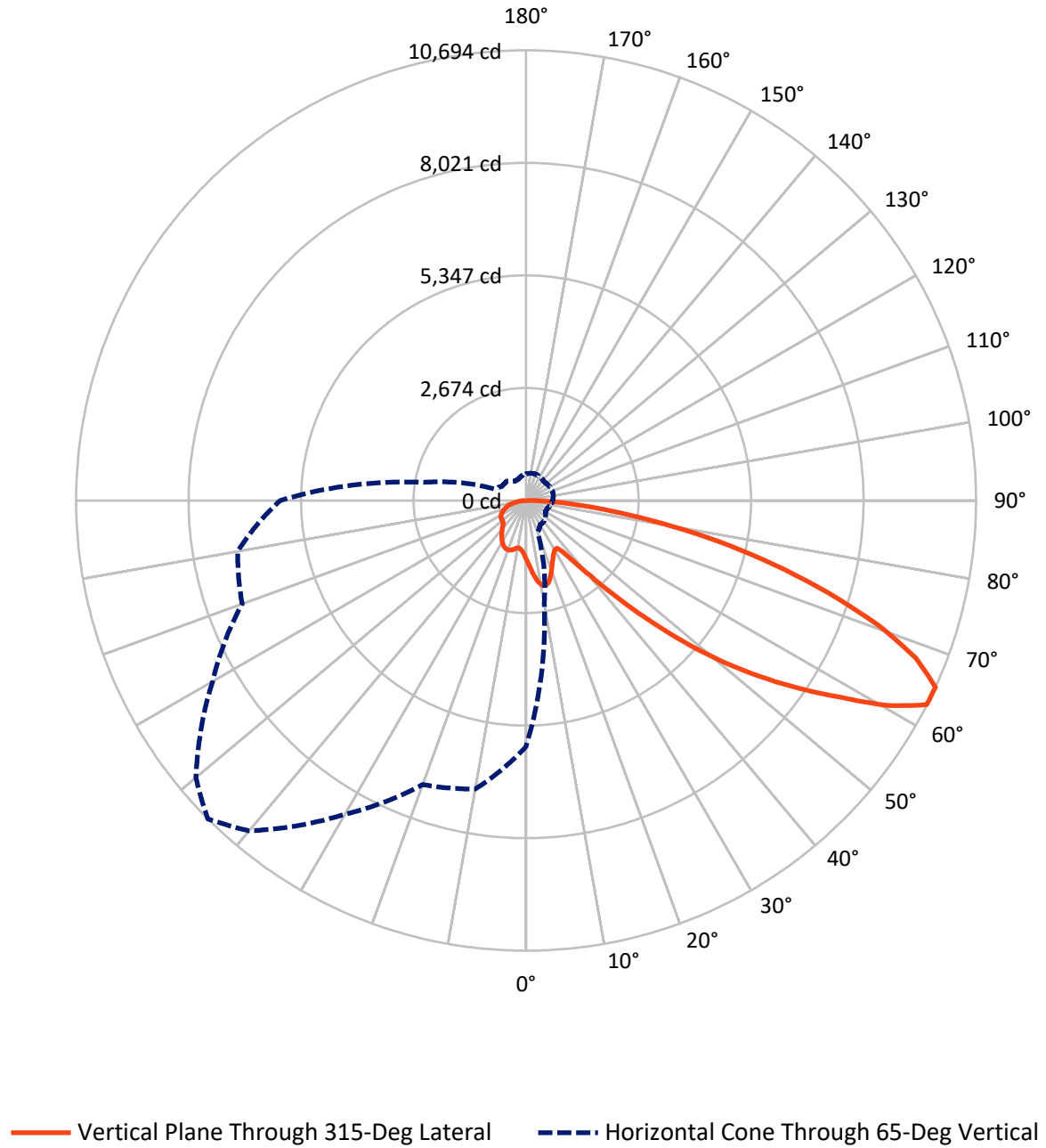
× Max cd
 - - - 1/2 Max cd



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
House Side	Lumens	2604.3	0.0	2604.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7642.7	0.0	7642.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	10247.0	0.0	10247.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.8	1.4
10°-20°	438.8	4.3
20°-30°	677.8	6.6
30°-40°	858.9	8.4
40°-50°	1295.5	12.6
50°-60°	2093.0	20.4
60°-70°	2609.3	25.5
70°-80°	1711.0	16.7
80°-90°	423.0	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°	10247.0	100.0
0°-180°	10247.0	100.0

Coefficient of Utilization



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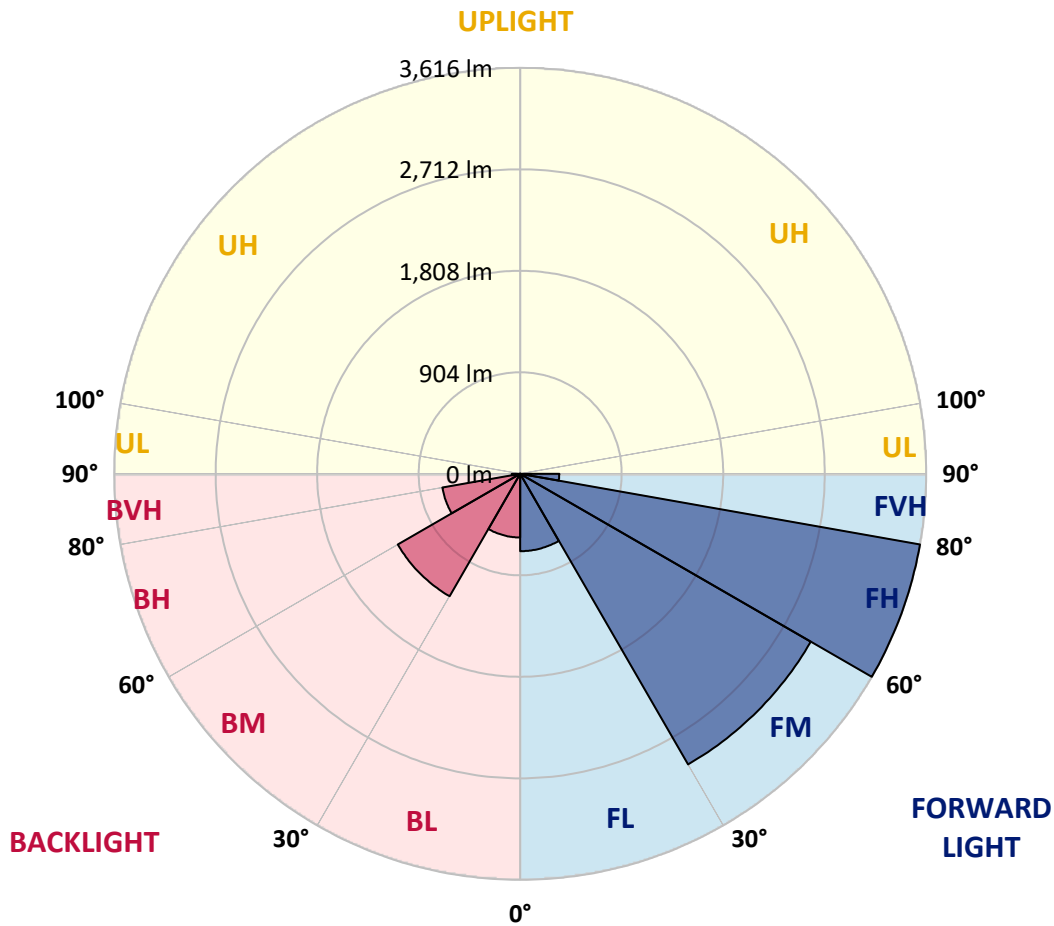
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	689.2	6.7			
FM (30°-60°)	2988.8	29.2			
FH (60°-80°)	3616.2	35.3			G2/5000
FVH (80°-90°)	348.5	3.4			G3/500
BL (0°-30°)	567.1	5.5	B2/1000		
BM (30°-60°)	1258.5	12.3	B2/2500		
BH (60°-80°)	704.1	6.9	B2/1000		G2/1000
BVH (80°-90°)	74.5	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°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
2.5°	1515.3	1503.7	1492.0	1479.7	1467.3	1454.9	1442.5	1430.6	1418.7	1407.2
5°	1629.4	1603.7	1578.0	1552.4	1526.8	1501.0	1475.3	1451.2	1427.2	1404.5
7.5°	1744.0	1701.6	1659.3	1620.1	1581.0	1542.9	1504.8	1471.2	1437.6	1406.6
10°	1831.9	1778.3	1724.7	1673.0	1621.3	1575.0	1528.7	1489.0	1449.2	1410.9
12.5°	1885.7	1826.8	1768.0	1709.4	1650.7	1596.1	1541.5	1496.6	1451.7	1411.5
15°	1918.4	1857.0	1795.6	1732.1	1668.5	1605.6	1542.7	1490.7	1438.7	1394.2
17.5°	1936.8	1874.5	1812.3	1742.9	1673.6	1600.6	1527.6	1465.0	1402.5	1350.1
20°	1957.0	1892.4	1827.7	1751.4	1675.2	1586.7	1498.3	1420.7	1343.2	1282.3
22.5°	1980.6	1914.5	1848.4	1762.9	1677.3	1569.7	1462.1	1368.8	1275.4	1206.0
25°	2010.8	1946.1	1881.3	1783.6	1685.9	1553.0	1420.1	1310.8	1201.4	1130.3
27.5°	2051.9	1990.2	1928.4	1816.1	1703.7	1541.8	1379.9	1257.7	1135.6	1070.8
30°	2107.4	2047.7	1988.0	1858.1	1728.2	1536.5	1344.8	1213.4	1081.9	1027.6
32.5°	2172.8	2113.7	2054.6	1901.9	1749.3	1530.1	1310.8	1175.1	1039.5	995.7
35°	2252.3	2195.7	2139.1	1951.9	1764.7	1517.8	1271.1	1137.6	1004.1	967.6
37.5°	2386.1	2314.0	2241.8	2007.9	1773.9	1496.9	1219.9	1093.3	966.8	934.9
40°	2588.3	2483.2	2378.1	2078.9	1779.7	1468.1	1156.5	1040.6	924.6	895.7
42.5°	2856.5	2704.8	2553.1	2171.9	1790.7	1438.4	1086.1	982.3	878.5	851.9
45°	3187.7	2983.0	2778.4	2294.2	1810.0	1410.7	1011.5	920.5	829.4	802.4
47.5°	3601.8	3313.8	3025.7	2424.5	1823.2	1387.9	952.6	871.5	790.5	755.6
50°	4144.7	3710.5	3276.2	2545.4	1814.6	1363.0	911.5	839.1	766.6	720.7
52.5°	4767.8	4127.1	3486.4	2623.9	1761.3	1321.0	880.8	817.6	754.5	701.8
55°	5431.3	4496.5	3561.8	2606.6	1651.3	1251.4	851.5	802.1	752.8	703.7
57.5°	6034.7	4758.3	3482.0	2484.8	1487.7	1153.2	818.6	783.7	748.9	705.6
60°	6399.4	4823.8	3248.1	2258.2	1268.4	1025.7	783.0	755.6	728.2	699.7
62.5°	6214.2	4548.3	2882.3	1951.8	1021.3	873.1	725.0	706.7	688.6	685.1
65°	5843.6	4158.5	2473.4	1639.2	805.0	735.8	666.7	658.1	649.5	649.9
67.5°	5346.9	3694.6	2042.3	1332.9	623.5	603.9	584.2	589.0	593.8	592.6
70°	4750.3	3188.5	1626.7	1049.5	472.3	477.9	483.5	505.8	528.0	528.0
72.5°	4039.3	2639.8	1240.4	802.3	364.3	381.2	398.2	429.8	461.3	466.6
75°	3139.8	2010.8	881.8	582.3	282.9	298.2	313.6	349.0	384.3	408.8
77.5°	2243.3	1407.4	571.4	394.6	217.8	228.2	238.7	273.1	307.4	347.7
80°	1468.3	906.7	345.2	254.2	163.3	167.6	171.9	201.0	230.1	278.2
82.5°	853.5	524.8	196.2	156.4	116.7	117.4	118.3	139.7	161.1	202.2
85°	375.5	236.1	96.7	83.6	70.6	70.2	69.7	85.4	101.1	131.7
87.5°	116.2	77.3	38.4	34.7	30.9	30.5	30.2	36.6	43.0	55.7
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1394.3	2.5°	1384.0	1373.6	1364.3	1355.0	1346.8	1338.7	1330.4	1322.3	1315.9	1309.6
1382.0	5°	1362.4	1342.8	1326.4	1310.0	1295.5	1281.0	1267.9	1254.7	1244.6	1234.4
1377.6	7.5°	1351.5	1325.5	1303.9	1282.3	1264.0	1245.8	1229.6	1213.6	1201.5	1189.5
1379.7	10°	1352.3	1324.8	1303.2	1281.6	1261.9	1242.2	1224.1	1206.0	1191.6	1177.2
1382.4	12.5°	1360.0	1337.6	1323.2	1308.9	1293.5	1278.1	1259.3	1240.6	1222.2	1203.9
1370.9	15°	1360.2	1349.5	1351.4	1353.4	1349.4	1345.4	1329.1	1312.8	1286.6	1260.5
1335.8	17.5°	1339.7	1343.6	1367.2	1390.8	1403.3	1415.8	1402.7	1389.6	1354.9	1320.3
1278.5	20°	1296.9	1315.2	1356.2	1397.2	1423.4	1449.6	1443.5	1437.4	1397.8	1358.2
1213.4	22.5°	1240.6	1267.8	1314.5	1361.4	1395.5	1429.6	1433.3	1436.9	1399.0	1361.2
1150.3	25°	1181.7	1213.0	1255.1	1297.1	1330.7	1364.3	1376.8	1389.3	1358.3	1327.3
1095.2	27.5°	1125.5	1155.7	1190.3	1224.8	1251.7	1278.6	1292.6	1306.6	1284.5	1262.4
1046.7	30°	1070.7	1094.8	1123.5	1152.1	1174.4	1196.8	1208.2	1219.5	1202.7	1185.9
1004.2	32.5°	1018.4	1032.6	1055.5	1078.4	1099.8	1121.3	1133.9	1146.5	1131.1	1115.6
964.1	35°	968.0	971.9	989.4	1006.8	1028.0	1049.2	1064.4	1079.5	1068.5	1057.5
922.0	37.5°	917.7	913.3	925.9	938.4	959.5	980.7	999.4	1018.1	1013.0	1008.0
875.9	40°	866.1	856.4	865.4	874.4	894.8	915.3	936.8	958.4	959.6	960.8
827.0	42.5°	814.0	801.0	808.4	815.8	835.2	854.6	877.8	901.1	907.3	913.5
778.3	45°	765.7	753.1	759.2	765.5	783.9	802.3	826.4	850.5	859.4	868.4
734.9	47.5°	724.3	713.7	719.6	725.3	743.3	761.3	785.1	808.9	819.2	829.4
696.7	50°	687.3	677.9	687.0	696.1	713.1	730.0	751.3	772.7	785.8	799.0
668.2	52.5°	658.9	649.6	663.3	676.9	692.5	708.0	727.9	747.8	763.4	779.0
653.1	55°	638.3	623.7	643.1	662.5	679.2	696.0	713.4	730.7	747.3	763.9
644.0	57.5°	622.6	601.1	622.0	642.9	662.6	682.2	699.4	716.7	733.4	750.1
635.4	60°	607.7	579.9	598.2	616.5	639.1	661.7	679.2	696.7	713.4	730.2
625.5	62.5°	590.8	556.1	567.7	579.4	605.7	632.1	650.7	669.4	684.7	700.1
604.5	65°	567.6	530.7	535.2	539.6	567.8	596.1	614.0	631.8	645.3	658.8
567.1	67.5°	536.4	505.7	504.3	502.8	528.9	555.0	571.9	588.8	600.5	612.2
519.6	70°	497.8	475.9	471.1	466.2	489.1	512.0	526.6	541.2	551.8	562.3
466.7	72.5°	451.8	436.8	429.6	422.6	440.6	458.6	471.8	485.0	495.3	505.7
406.7	75°	395.2	383.6	376.8	369.9	383.4	396.8	408.7	420.7	430.1	439.5
346.6	77.5°	337.3	328.1	321.2	314.3	325.2	336.0	346.3	356.6	366.5	376.3
278.0	80°	270.3	262.5	256.7	250.9	260.0	269.0	277.6	286.3	293.8	301.3
204.5	82.5°	200.7	196.9	192.8	188.7	187.9	187.2	184.2	181.1	197.1	213.1
134.6	85°	130.6	126.5	121.9	117.3	113.4	109.5	101.1	92.7	107.7	122.7
59.5	87.5°	57.9	56.2	55.4	54.5	54.3	54.2	47.8	41.4	47.6	54.0
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1304.4	2.5°	1299.3	1295.3	1291.3	1287.6	1283.9	1279.3	1283.9	1287.6	1291.3	1295.3
1227.3	5°	1220.2	1215.2	1210.2	1206.3	1202.5	1198.7	1202.5	1206.3	1210.2	1215.2
1181.1	7.5°	1172.7	1166.9	1161.1	1157.7	1154.3	1151.7	1154.3	1157.7	1161.1	1166.9
1167.8	10°	1158.3	1152.8	1147.4	1144.4	1141.5	1140.3	1141.5	1144.4	1147.4	1152.8
1191.7	12.5°	1179.5	1173.4	1167.4	1164.9	1162.4	1162.0	1162.4	1164.9	1167.4	1173.4
1242.0	15°	1223.5	1215.0	1206.6	1203.3	1200.1	1199.8	1200.1	1203.3	1206.6	1215.0
1293.0	17.5°	1265.8	1253.2	1240.6	1236.5	1232.4	1231.7	1232.4	1236.5	1240.6	1253.2
1324.8	20°	1291.4	1275.4	1259.3	1254.1	1249.0	1247.4	1249.0	1254.1	1259.3	1275.4
1326.8	22.5°	1292.4	1275.4	1258.5	1252.8	1247.1	1244.7	1247.1	1252.8	1258.5	1275.4
1296.7	25°	1266.2	1251.5	1236.8	1231.5	1226.2	1223.1	1226.2	1231.5	1236.8	1251.5
1238.7	27.5°	1214.9	1205.1	1195.2	1192.8	1190.3	1189.5	1190.3	1192.8	1195.2	1205.1
1168.9	30°	1151.8	1146.8	1141.7	1141.7	1141.7	1142.5	1141.7	1141.7	1141.7	1146.8
1102.0	32.5°	1088.4	1085.1	1081.8	1082.3	1082.7	1083.6	1082.7	1082.3	1081.8	1085.1
1044.9	35°	1032.5	1027.4	1022.5	1021.4	1020.3	1019.8	1020.3	1021.4	1022.5	1027.4
996.4	37.5°	984.9	975.7	966.7	961.8	957.0	954.3	957.0	961.8	966.7	975.7
951.0	40°	941.2	927.9	914.7	905.8	896.9	891.6	896.9	905.8	914.7	927.9
905.2	42.5°	897.0	880.5	864.0	851.0	838.0	829.4	838.0	851.0	864.0	880.5
860.9	45°	853.5	834.6	815.8	800.5	785.2	775.4	785.2	800.5	815.8	834.6
824.2	47.5°	819.0	802.3	785.5	771.4	757.2	747.8	757.2	771.4	785.5	802.3
798.7	50°	798.5	785.1	771.7	758.6	745.5	736.4	745.5	758.6	771.7	785.1
781.8	52.5°	784.7	773.7	762.8	751.1	739.4	731.0	739.4	751.1	762.8	773.7
767.8	55°	771.7	762.2	752.6	742.4	732.1	724.5	732.1	742.4	752.6	762.2
754.0	57.5°	757.9	748.3	738.7	728.5	718.3	710.5	718.3	728.5	738.7	748.3
734.5	60°	738.9	729.5	720.1	709.6	699.1	691.0	699.1	709.6	720.1	729.5
704.3	62.5°	708.4	699.9	691.4	680.4	669.4	659.6	669.4	680.4	691.4	699.9
663.1	65°	667.3	659.2	651.0	640.3	629.6	621.3	629.6	640.3	651.0	659.2
616.3	67.5°	620.4	612.9	605.5	595.5	585.6	578.0	585.6	595.5	605.5	612.9
566.3	70°	570.3	564.2	558.1	548.6	539.1	530.4	539.1	548.6	558.1	564.2
510.4	72.5°	515.2	510.1	505.0	495.9	486.9	478.5	486.9	495.9	505.0	510.1
444.5	75°	449.4	446.9	444.5	436.8	429.2	421.2	429.2	436.8	444.5	446.9
381.0	77.5°	385.6	382.2	378.6	370.9	363.2	356.9	363.2	370.9	378.6	382.2
307.4	80°	313.6	312.1	310.6	300.3	289.9	277.9	289.9	300.3	310.6	312.1
223.6	82.5°	234.1	233.5	232.8	224.1	215.3	207.6	215.3	224.1	232.8	233.5
135.7	85°	148.7	147.6	146.5	139.7	132.9	126.0	132.9	139.7	146.5	147.6
59.2	87.5°	64.5	63.2	61.7	58.3	54.7	51.4	54.7	58.3	61.7	63.2
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1299.3	2.5°	1304.4	1309.6	1315.9	1322.3	1330.4	1338.7	1346.8	1355.0	1364.3	1373.6
1220.2	5°	1227.3	1234.4	1244.6	1254.7	1267.9	1281.0	1295.5	1310.0	1326.4	1342.8
1172.7	7.5°	1181.1	1189.5	1201.5	1213.6	1229.6	1245.8	1264.0	1282.3	1303.9	1325.5
1158.3	10°	1167.8	1177.2	1191.6	1206.0	1224.1	1242.2	1261.9	1281.6	1303.2	1324.8
1179.5	12.5°	1191.7	1203.9	1222.2	1240.6	1259.3	1278.1	1293.5	1308.9	1323.2	1337.6
1223.5	15°	1242.0	1260.5	1286.6	1312.8	1329.1	1345.4	1349.4	1353.4	1351.4	1349.5
1265.8	17.5°	1293.0	1320.3	1354.9	1389.6	1402.7	1415.8	1403.3	1390.8	1367.2	1343.6
1291.4	20°	1324.8	1358.2	1397.8	1437.4	1443.5	1449.6	1423.4	1397.2	1356.2	1315.2
1292.4	22.5°	1326.8	1361.2	1399.0	1436.9	1433.3	1429.6	1395.5	1361.4	1314.5	1267.8
1266.2	25°	1296.7	1327.3	1358.3	1389.3	1376.8	1364.3	1330.7	1297.1	1255.1	1213.0
1214.9	27.5°	1238.7	1262.4	1284.5	1306.6	1292.6	1278.6	1251.7	1224.8	1190.3	1155.7
1151.8	30°	1168.9	1185.9	1202.7	1219.5	1208.2	1196.8	1174.4	1152.1	1123.5	1094.8
1088.4	32.5°	1102.0	1115.6	1131.1	1146.5	1133.9	1121.3	1099.8	1078.4	1055.5	1032.6
1032.5	35°	1044.9	1057.5	1068.5	1079.5	1064.4	1049.2	1028.0	1006.8	989.4	971.9
984.9	37.5°	996.4	1008.0	1013.0	1018.1	999.4	980.7	959.5	938.4	925.9	913.3
941.2	40°	951.0	960.8	959.6	958.4	936.8	915.3	894.8	874.4	865.4	856.4
897.0	42.5°	905.2	913.5	907.3	901.1	877.8	854.6	835.2	815.8	808.4	801.0
853.5	45°	860.9	868.4	859.4	850.5	826.4	802.3	783.9	765.5	759.2	753.1
819.0	47.5°	824.2	829.4	819.2	808.9	785.1	761.3	743.3	725.3	719.6	713.7
798.5	50°	798.7	799.0	785.8	772.7	751.3	730.0	713.1	696.1	687.0	677.9
784.7	52.5°	781.8	779.0	763.4	747.8	727.9	708.0	692.5	676.9	663.3	649.6
771.7	55°	767.8	763.9	747.3	730.7	713.4	696.0	679.2	662.5	643.1	623.7
757.9	57.5°	754.0	750.1	733.4	716.7	699.4	682.2	662.6	642.9	622.0	601.1
738.9	60°	734.5	730.2	713.4	696.7	679.2	661.7	639.1	616.5	598.2	579.9
708.4	62.5°	704.3	700.1	684.7	669.4	650.7	632.1	605.7	579.4	567.7	556.1
667.3	65°	663.1	658.8	645.3	631.8	614.0	596.1	567.8	539.6	535.2	530.7
620.4	67.5°	616.3	612.2	600.5	588.8	571.9	555.0	528.9	502.8	504.3	505.7
570.3	70°	566.3	562.3	551.8	541.2	526.6	512.0	489.1	466.2	471.1	475.9
515.2	72.5°	510.4	505.7	495.3	485.0	471.8	458.6	440.6	422.6	429.6	436.8
449.4	75°	444.5	439.5	430.1	420.7	408.7	396.8	383.4	369.9	376.8	383.6
385.6	77.5°	381.0	376.3	366.5	356.6	346.3	336.0	325.2	314.3	321.2	328.1
313.6	80°	307.4	301.3	293.8	286.3	277.6	269.0	260.0	250.9	256.7	262.5
234.1	82.5°	223.6	213.1	197.1	181.1	184.2	187.2	187.9	188.7	192.8	196.9
148.7	85°	135.7	122.7	107.7	92.7	101.1	109.5	113.4	117.3	121.9	126.5
64.5	87.5°	59.2	54.0	47.6	41.4	47.8	54.2	54.3	54.5	55.4	56.2
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1384.0	2.5°	1394.3	1407.2	1418.7	1430.6	1442.5	1454.9	1467.3	1479.7	1492.0	1503.7
1362.4	5°	1382.0	1404.5	1427.2	1451.2	1475.3	1501.0	1526.8	1552.4	1578.0	1603.7
1351.5	7.5°	1377.6	1406.6	1437.6	1471.2	1504.8	1542.9	1581.0	1620.1	1659.3	1701.6
1352.3	10°	1379.7	1410.9	1449.2	1489.0	1528.7	1575.0	1621.3	1673.0	1724.7	1778.3
1360.0	12.5°	1382.4	1411.5	1451.7	1496.6	1541.5	1596.1	1650.7	1709.4	1768.0	1826.8
1360.2	15°	1370.9	1394.2	1438.7	1490.7	1542.7	1605.6	1668.5	1732.1	1795.6	1857.0
1339.7	17.5°	1335.8	1350.1	1402.5	1465.0	1527.6	1600.6	1673.6	1742.9	1812.3	1874.5
1296.9	20°	1278.5	1282.3	1343.2	1420.7	1498.3	1586.7	1675.2	1751.4	1827.7	1892.4
1240.6	22.5°	1213.4	1206.0	1275.4	1368.8	1462.1	1569.7	1677.3	1762.9	1848.4	1914.5
1181.7	25°	1150.3	1130.3	1201.4	1310.8	1420.1	1553.0	1685.9	1783.6	1881.3	1946.1
1125.5	27.5°	1095.2	1070.8	1135.6	1257.7	1379.9	1541.8	1703.7	1816.1	1928.4	1990.2
1070.7	30°	1046.7	1027.6	1081.9	1213.4	1344.8	1536.5	1728.2	1858.1	1988.0	2047.7
1018.4	32.5°	1004.2	995.7	1039.5	1175.1	1310.8	1530.1	1749.3	1901.9	2054.6	2113.7
968.0	35°	964.1	967.6	1004.1	1137.6	1271.1	1517.8	1764.7	1951.9	2139.1	2195.7
917.7	37.5°	922.0	934.9	966.8	1093.3	1219.9	1496.9	1773.9	2007.9	2241.8	2314.0
866.1	40°	875.9	895.7	924.6	1040.6	1156.5	1468.1	1779.7	2078.9	2378.1	2483.2
814.0	42.5°	827.0	851.9	878.5	982.3	1086.1	1438.4	1790.7	2171.9	2553.1	2704.8
765.7	45°	778.3	802.4	829.4	920.5	1011.5	1410.7	1810.0	2294.2	2778.4	2983.0
724.3	47.5°	734.9	755.6	790.5	871.5	952.6	1387.9	1823.2	2424.5	3025.7	3313.8
687.3	50°	696.7	720.7	766.6	839.1	911.5	1363.0	1814.6	2545.4	3276.2	3710.5
658.9	52.5°	668.2	701.8	754.5	817.6	880.8	1321.0	1761.3	2623.9	3486.4	4127.1
638.3	55°	653.1	703.7	752.8	802.1	851.5	1251.4	1651.3	2606.6	3561.8	4496.5
622.6	57.5°	644.0	705.6	748.9	783.7	818.6	1153.2	1487.7	2484.8	3482.0	4758.3
607.7	60°	635.4	699.7	728.2	755.6	783.0	1025.7	1268.4	2258.2	3248.1	4823.8
590.8	62.5°	625.5	685.1	688.6	706.7	725.0	873.1	1021.3	1951.8	2882.3	4548.3
567.6	65°	604.5	649.9	649.5	658.1	666.7	735.8	805.0	1639.2	2473.4	4158.5
536.4	67.5°	567.1	592.6	593.8	589.0	584.2	603.9	623.5	1332.9	2042.3	3694.6
497.8	70°	519.6	528.0	528.0	505.8	483.5	477.9	472.3	1049.5	1626.7	3188.5
451.8	72.5°	466.7	466.6	461.3	429.8	398.2	381.2	364.3	802.3	1240.4	2639.8
395.2	75°	406.7	408.8	384.3	349.0	313.6	298.2	282.9	582.3	881.8	2010.8
337.3	77.5°	346.6	347.7	307.4	273.1	238.7	228.2	217.8	394.6	571.4	1407.4
270.3	80°	278.0	278.2	230.1	201.0	171.9	167.6	163.3	254.2	345.2	906.7
200.7	82.5°	204.5	202.2	161.1	139.7	118.3	117.4	116.7	156.4	196.2	524.8
130.6	85°	134.6	131.7	101.1	85.4	69.7	70.2	70.6	83.6	96.7	236.1
57.9	87.5°	59.5	55.7	43.0	36.6	30.2	30.5	30.9	34.7	38.4	77.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1515.3	2.5°	1521.0	1526.8	1535.0	1543.1	1548.0	1552.9	1555.3	1557.7	1556.7	1557.7
1629.4	5°	1649.4	1669.6	1689.5	1709.4	1720.2	1731.0	1737.6	1744.2	1749.1	1744.2
1744.0	7.5°	1776.7	1809.3	1838.6	1868.0	1885.7	1903.4	1912.9	1922.4	1927.0	1922.4
1831.9	10°	1870.5	1909.1	1943.5	1978.0	1998.8	2019.6	2028.9	2038.1	2041.7	2038.1
1885.7	12.5°	1927.5	1969.3	2000.5	2031.5	2046.6	2061.8	2066.9	2071.9	2072.5	2071.9
1918.4	15°	1954.5	1990.6	2010.1	2029.7	2030.2	2030.7	2025.3	2019.9	2013.5	2019.9
1936.8	17.5°	1961.2	1985.5	1985.9	1986.2	1964.3	1942.4	1922.4	1902.3	1888.1	1902.3
1957.0	20°	1965.5	1974.1	1948.4	1922.7	1874.4	1826.0	1790.8	1755.6	1734.0	1755.6
1980.6	22.5°	1969.4	1958.3	1905.1	1851.9	1780.8	1709.7	1665.7	1621.7	1597.8	1621.7
2010.8	25°	1975.7	1940.6	1859.8	1779.0	1692.6	1606.3	1560.0	1513.8	1491.2	1513.8
2051.9	27.5°	1989.1	1926.2	1819.2	1712.3	1616.6	1520.9	1475.3	1429.9	1408.5	1429.9
2107.4	30°	2013.7	1920.0	1788.3	1656.6	1556.9	1457.2	1414.9	1372.7	1352.8	1372.7
2172.8	32.5°	2044.5	1916.2	1767.2	1618.2	1524.5	1430.8	1397.6	1364.4	1350.1	1364.4
2252.3	35°	2095.2	1938.3	1783.0	1627.8	1562.7	1497.6	1489.9	1482.2	1481.0	1482.2
2386.1	37.5°	2201.4	2016.7	1875.6	1734.4	1730.2	1726.0	1761.4	1796.7	1815.1	1796.7
2588.3	40°	2387.4	2186.6	2081.6	1976.7	2050.7	2124.8	2210.8	2296.8	2339.6	2296.8
2856.5	42.5°	2657.2	2457.9	2397.4	2337.0	2498.6	2660.1	2816.5	2972.8	3064.7	2972.8
3187.7	45°	3008.6	2829.6	2802.9	2776.2	3035.0	3293.9	3550.9	3807.8	3963.8	3807.8
3601.8	47.5°	3427.7	3253.5	3248.1	3242.7	3616.1	3989.4	4365.5	4741.6	4962.5	4741.6
4144.7	50°	3929.6	3714.5	3715.4	3716.3	4197.5	4678.7	5175.3	5671.8	5972.0	5671.8
4767.8	52.5°	4507.3	4246.9	4220.6	4194.2	4769.0	5343.8	5958.1	6572.4	6932.2	6572.4
5431.3	55°	5173.9	4916.5	4813.9	4711.2	5350.9	5990.6	6723.0	7455.4	7883.3	7455.4
6034.7	57.5°	5894.5	5754.3	5548.4	5342.5	5988.5	6634.4	7464.0	8293.4	8824.1	8293.4
6399.4	60°	6617.1	6834.8	6579.1	6323.3	6934.6	7545.9	8434.1	9322.2	9895.8	9322.2
6214.2	62.5°	6809.0	7403.8	7375.0	7346.2	7906.1	8466.2	9311.2	10156.1	10686.3	10156.1
5843.6	65°	6401.8	6960.1	7070.6	7181.0	7892.6	8604.3	9423.7	10243.0	10694.4	10243.0
5346.9	67.5°	5877.9	6408.9	6460.7	6512.4	7253.9	7995.4	8818.2	9641.1	9994.7	9641.1
4750.3	70°	5327.8	5905.4	5928.5	5951.7	6614.8	7277.9	7986.0	8694.1	8890.6	8694.1
4039.3	72.5°	4702.0	5364.8	5381.4	5398.0	5916.8	6435.6	6966.0	7496.3	7516.2	7496.3
3139.8	75°	3825.7	4511.7	4573.3	4634.8	5038.5	5442.1	5815.4	6188.8	6088.8	6188.8
2243.3	77.5°	2883.6	3524.0	3612.1	3700.2	4007.1	4313.9	4578.7	4843.5	4671.6	4843.5
1468.3	80°	2007.0	2545.6	2655.1	2764.7	2996.4	3228.1	3367.1	3506.1	3229.6	3506.1
853.5	82.5°	1221.8	1590.1	1712.4	1834.8	1994.4	2153.9	2211.9	2269.8	2052.5	2269.8
375.5	85°	571.0	766.4	870.5	974.6	1105.7	1236.7	1269.6	1302.5	1128.4	1302.5
116.2	87.5°	181.9	247.6	305.7	363.8	429.3	494.8	497.7	500.4	420.1	500.4
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):

325°		330°	335°	340°	345°	350°	355°	360°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1555.3	2.5°	1552.9	1548.0	1543.1	1535.0	1526.8	1521.0	1515.3
1737.6	5°	1731.0	1720.2	1709.4	1689.5	1669.6	1649.4	1629.4
1912.9	7.5°	1903.4	1885.7	1868.0	1838.6	1809.3	1776.7	1744.0
2028.9	10°	2019.6	1998.8	1978.0	1943.5	1909.1	1870.5	1831.9
2066.9	12.5°	2061.8	2046.6	2031.5	2000.5	1969.3	1927.5	1885.7
2025.3	15°	2030.7	2030.2	2029.7	2010.1	1990.6	1954.5	1918.4
1922.4	17.5°	1942.4	1964.3	1986.2	1985.9	1985.5	1961.2	1936.8
1790.8	20°	1826.0	1874.4	1922.7	1948.4	1974.1	1965.5	1957.0
1665.7	22.5°	1709.7	1780.8	1851.9	1905.1	1958.3	1969.4	1980.6
1560.0	25°	1606.3	1692.6	1779.0	1859.8	1940.6	1975.7	2010.8
1475.3	27.5°	1520.9	1616.6	1712.3	1819.2	1926.2	1989.1	2051.9
1414.9	30°	1457.2	1556.9	1656.6	1788.3	1920.0	2013.7	2107.4
1397.6	32.5°	1430.8	1524.5	1618.2	1767.2	1916.2	2044.5	2172.8
1489.9	35°	1497.6	1562.7	1627.8	1783.0	1938.3	2095.2	2252.3
1761.4	37.5°	1726.0	1730.2	1734.4	1875.6	2016.7	2201.4	2386.1
2210.8	40°	2124.8	2050.7	1976.7	2081.6	2186.6	2387.4	2588.3
2816.5	42.5°	2660.1	2498.6	2337.0	2397.4	2457.9	2657.2	2856.5
3550.9	45°	3293.9	3035.0	2776.2	2802.9	2829.6	3008.6	3187.7
4365.5	47.5°	3989.4	3616.1	3242.7	3248.1	3253.5	3427.7	3601.8
5175.3	50°	4678.7	4197.5	3716.3	3715.4	3714.5	3929.6	4144.7
5958.1	52.5°	5343.8	4769.0	4194.2	4220.6	4246.9	4507.3	4767.8
6723.0	55°	5990.6	5350.9	4711.2	4813.9	4916.5	5173.9	5431.3
7464.0	57.5°	6634.4	5988.5	5342.5	5548.4	5754.3	5894.5	6034.7
8434.1	60°	7545.9	6934.6	6323.3	6579.1	6834.8	6617.1	6399.4
9311.2	62.5°	8466.2	7906.1	7346.2	7375.0	7403.8	6809.0	6214.2
9423.7	65°	8604.3	7892.6	7181.0	7070.6	6960.1	6401.8	5843.6
8818.2	67.5°	7995.4	7253.9	6512.4	6460.7	6408.9	5877.9	5346.9
7986.0	70°	7277.9	6614.8	5951.7	5928.5	5905.4	5327.8	4750.3
6966.0	72.5°	6435.6	5916.8	5398.0	5381.4	5364.8	4702.0	4039.3
5815.4	75°	5442.1	5038.5	4634.8	4573.3	4511.7	3825.7	3139.8
4578.7	77.5°	4313.9	4007.1	3700.2	3612.1	3524.0	2883.6	2243.3
3367.1	80°	3228.1	2996.4	2764.7	2655.1	2545.6	2007.0	1468.3
2211.9	82.5°	2153.9	1994.4	1834.8	1712.4	1590.1	1221.8	853.5
1269.6	85°	1236.7	1105.7	974.6	870.5	766.4	571.0	375.5
497.7	87.5°	494.8	429.3	363.8	305.7	247.6	181.9	116.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)