

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: P947257

Luminaire Tested: **GALN-SB2C-930-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947257
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-SB2C-930-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10381 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

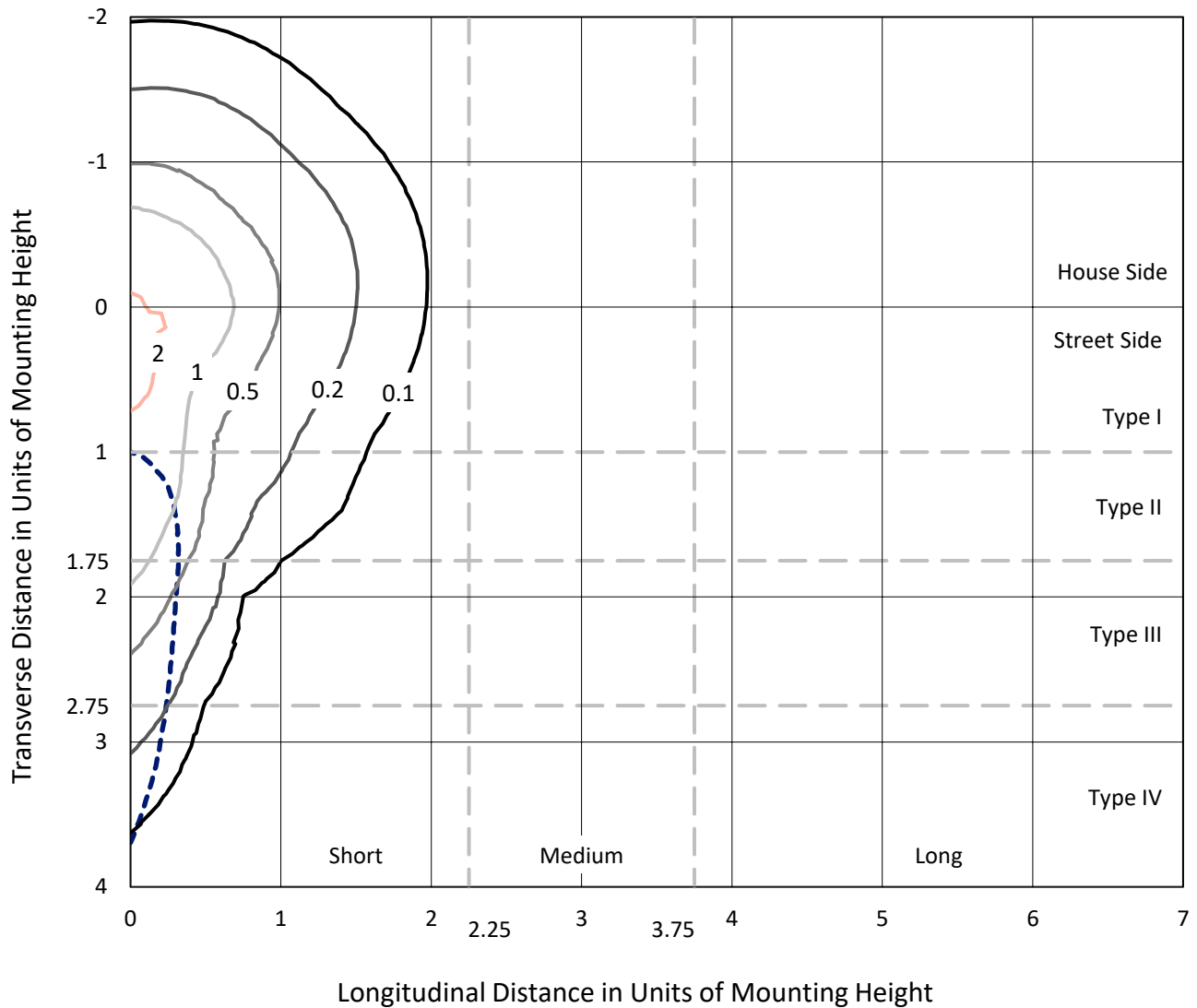
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

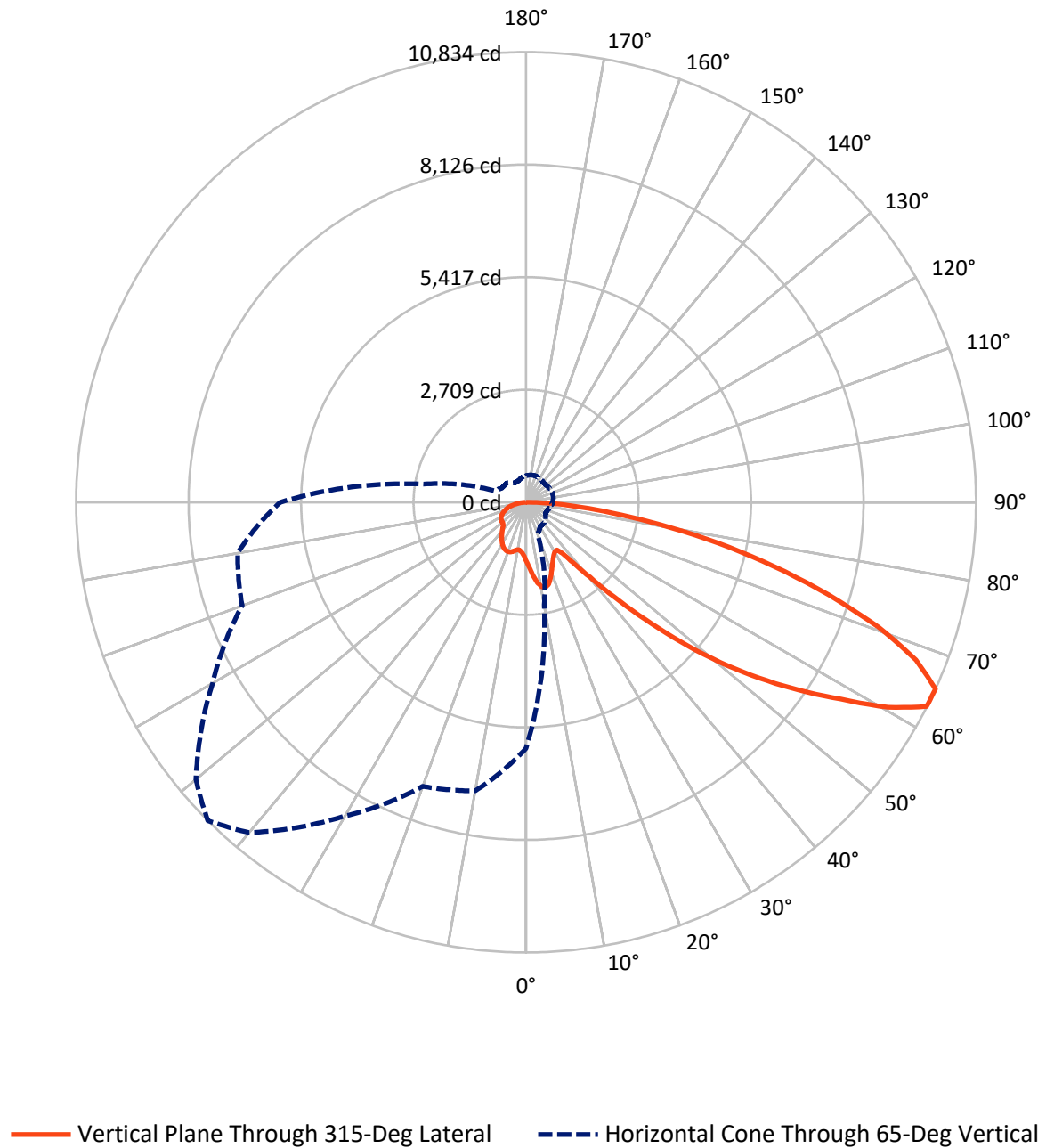
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 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	2638.3	0.0	2638.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7742.7	0.0	7742.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	10381.0	0.0	10381.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.6	1.4
10°-20°	444.5	4.3
20°-30°	686.6	6.6
30°-40°	870.1	8.4
40°-50°	1312.4	12.6
50°-60°	2120.4	20.4
60°-70°	2643.4	25.5
70°-80°	1733.4	16.7
80°-90°	428.5	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°	10381.0	100.0
0°-180°	10381.0	100.0



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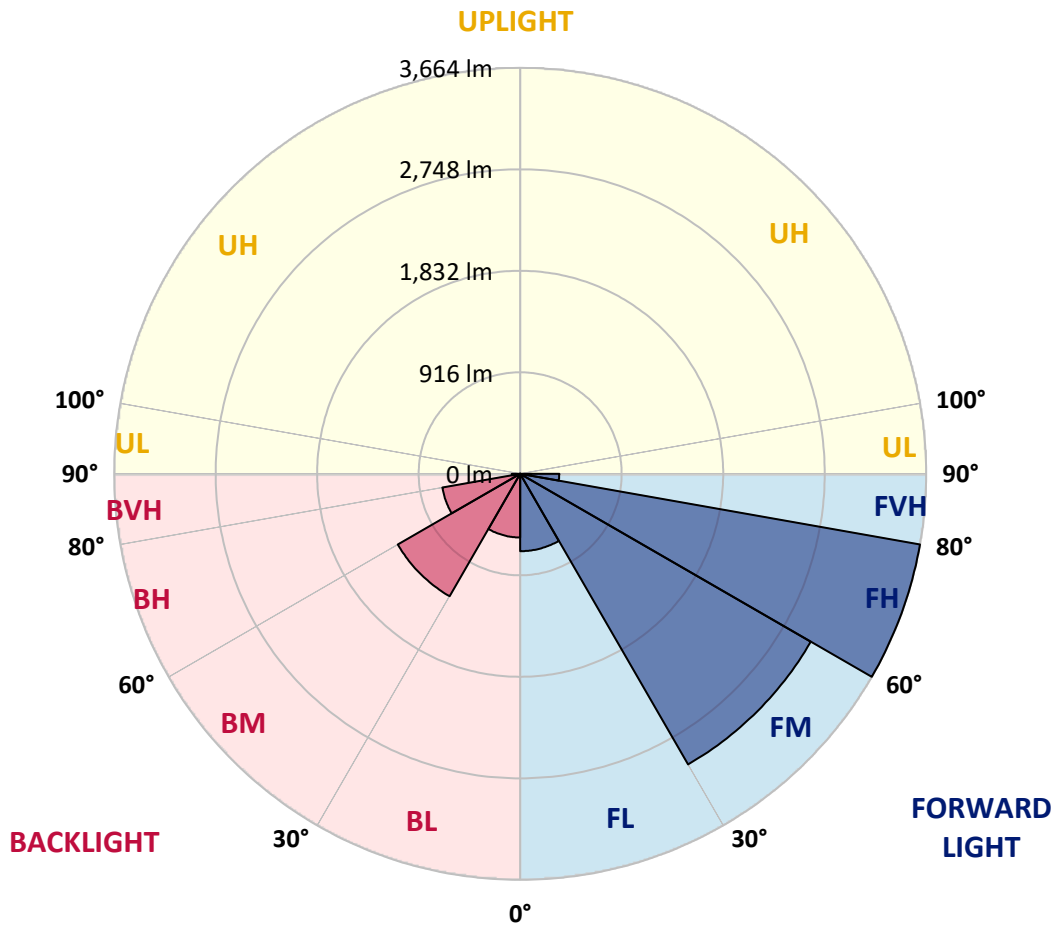
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	698.2	6.7			
FM (30°-60°)	3027.9	29.2			
FH (60°-80°)	3663.5	35.3			G2/5000
FVH (80°-90°)	353.0	3.4			G3/500
BL (0°-30°)	574.5	5.5	B2/1000		
BM (30°-60°)	1275.0	12.3	B2/2500		
BH (60°-80°)	713.3	6.9	B2/1000		G2/1000
BVH (80°-90°)	75.5	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°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
2.5°	1535.1	1523.3	1511.6	1499.0	1486.5	1473.9	1461.3	1449.3	1437.2	1425.6
5°	1650.7	1624.7	1598.7	1572.7	1546.8	1520.7	1494.6	1470.2	1445.8	1422.8
7.5°	1766.8	1723.9	1681.0	1641.3	1601.7	1563.0	1524.4	1490.4	1456.4	1425.0
10°	1855.8	1801.5	1747.3	1694.8	1642.5	1595.6	1548.6	1508.4	1468.1	1429.4
12.5°	1910.3	1850.7	1791.1	1731.7	1672.3	1617.0	1561.7	1516.2	1470.6	1429.9
15°	1943.5	1881.3	1819.1	1754.7	1690.3	1626.6	1562.9	1510.2	1457.5	1412.4
17.5°	1962.1	1899.0	1836.0	1765.7	1695.4	1621.5	1547.5	1484.2	1420.8	1367.8
20°	1982.6	1917.1	1851.6	1774.3	1697.1	1607.5	1517.9	1439.3	1360.8	1299.0
22.5°	2006.5	1939.5	1872.5	1785.9	1699.3	1590.3	1481.3	1386.7	1292.1	1221.8
25°	2037.1	1971.5	1906.0	1807.0	1707.9	1573.3	1438.7	1327.9	1217.1	1145.1
27.5°	2078.8	2016.2	1953.6	1839.8	1726.0	1562.0	1397.9	1274.2	1150.4	1084.8
30°	2134.9	2074.4	2014.0	1882.4	1750.8	1556.6	1362.4	1229.2	1096.1	1041.0
32.5°	2201.2	2141.3	2081.5	1926.8	1772.1	1550.1	1327.9	1190.5	1053.1	1008.7
35°	2281.7	2224.4	2167.1	1977.4	1787.8	1537.7	1287.7	1152.4	1017.2	980.2
37.5°	2417.3	2344.2	2271.1	2034.1	1797.1	1516.5	1235.9	1107.6	979.4	947.1
40°	2622.2	2515.7	2409.2	2106.1	1803.0	1487.3	1171.7	1054.2	936.7	907.4
42.5°	2893.8	2740.1	2586.4	2200.3	1814.1	1457.2	1100.4	995.2	890.0	863.0
45°	3229.4	3022.0	2814.7	2324.2	1833.6	1429.2	1024.8	932.5	840.3	812.9
47.5°	3648.9	3357.1	3065.3	2456.2	1847.1	1406.1	965.1	882.9	800.8	765.5
50°	4198.9	3759.0	3319.0	2578.7	1838.3	1380.9	923.4	850.0	776.6	730.2
52.5°	4830.2	4181.1	3532.0	2658.2	1784.3	1338.3	892.3	828.3	764.4	711.0
55°	5502.3	4555.3	3608.4	2640.7	1672.9	1267.7	862.6	812.6	762.6	712.9
57.5°	6113.6	4820.6	3527.5	2517.3	1507.2	1168.3	829.3	794.0	758.7	714.8
60°	6483.1	4886.8	3290.5	2287.7	1284.9	1039.1	793.3	765.5	737.7	708.8
62.5°	6295.5	4607.7	2920.0	1977.3	1034.6	884.5	734.4	716.0	697.6	694.0
65°	5920.0	4212.9	2505.8	1660.6	815.5	745.5	675.4	666.7	658.0	658.4
67.5°	5416.9	3742.9	2069.0	1350.4	631.7	611.8	591.9	596.7	601.6	600.4
70°	4812.4	3230.2	1648.0	1063.2	478.5	484.2	489.8	512.4	534.9	534.9
72.5°	4092.1	2674.3	1256.6	812.8	369.1	386.2	403.4	435.4	467.4	472.7
75°	3180.9	2037.1	893.3	589.9	286.6	302.1	317.7	353.5	389.4	414.1
77.5°	2272.7	1425.8	578.9	399.8	220.6	231.2	241.8	276.6	311.4	352.2
80°	1487.5	918.6	349.7	257.6	165.4	169.8	174.2	203.7	233.1	281.8
82.5°	864.6	531.7	198.7	158.4	118.2	119.0	119.9	141.5	163.2	204.9
85°	380.4	239.2	97.9	84.7	71.5	71.1	70.7	86.5	102.4	133.4
87.5°	117.8	78.3	38.9	35.1	31.3	30.9	30.6	37.0	43.5	56.4
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1412.6	2.5°	1402.1	1391.6	1382.1	1372.7	1364.4	1356.2	1347.8	1339.6	1333.2	1326.7
1400.1	5°	1380.3	1360.4	1343.7	1327.1	1312.4	1297.8	1284.5	1271.1	1260.8	1250.5
1395.6	7.5°	1369.2	1342.8	1320.9	1299.0	1280.6	1262.1	1245.7	1229.5	1217.2	1205.1
1397.8	10°	1370.0	1342.1	1320.2	1298.3	1278.4	1258.5	1240.1	1221.8	1207.2	1192.6
1400.5	12.5°	1377.7	1355.1	1340.5	1326.0	1310.4	1294.8	1275.8	1256.8	1238.2	1219.6
1388.9	15°	1378.0	1367.1	1369.1	1371.1	1367.0	1363.0	1346.5	1330.0	1303.5	1277.0
1353.3	17.5°	1357.3	1361.2	1385.1	1409.0	1421.7	1434.3	1421.0	1407.8	1372.6	1337.5
1295.2	20°	1313.8	1332.4	1373.9	1415.4	1442.0	1468.6	1462.4	1456.2	1416.1	1376.0
1229.3	22.5°	1256.8	1284.4	1331.7	1379.2	1413.7	1448.3	1452.0	1455.7	1417.3	1379.0
1165.4	25°	1197.1	1228.9	1271.5	1314.1	1348.1	1382.1	1394.8	1407.5	1376.0	1344.7
1109.5	27.5°	1140.2	1170.8	1205.9	1240.8	1268.1	1295.4	1309.5	1323.7	1301.3	1278.9
1060.4	30°	1084.7	1109.1	1138.1	1167.2	1189.8	1212.5	1224.0	1235.5	1218.4	1201.4
1017.3	32.5°	1031.7	1046.1	1069.3	1092.5	1114.2	1136.0	1148.7	1161.5	1145.9	1130.1
976.7	35°	980.6	984.6	1002.3	1019.9	1041.4	1062.9	1078.3	1093.6	1082.4	1071.3
934.0	37.5°	929.7	925.3	938.0	950.6	972.1	993.5	1012.5	1031.4	1026.3	1021.1
887.4	40°	877.5	867.6	876.7	885.8	906.6	927.3	949.1	970.9	972.2	973.4
837.8	42.5°	824.7	811.5	819.0	826.5	846.1	865.7	889.3	912.9	919.2	925.4
788.5	45°	775.7	762.9	769.2	775.5	794.2	812.8	837.2	861.6	870.7	879.7
744.5	47.5°	733.8	723.1	729.0	734.8	753.1	771.3	795.4	819.5	829.9	840.3
705.8	50°	696.3	686.8	696.0	705.2	722.4	739.6	761.2	782.8	796.1	809.5
676.9	52.5°	667.5	658.1	672.0	685.8	701.6	717.3	737.4	757.6	773.4	789.2
661.6	55°	646.7	631.8	651.5	671.1	688.1	705.1	722.7	740.3	757.1	773.9
652.4	57.5°	630.7	609.0	630.1	651.3	671.2	691.2	708.6	726.1	743.0	759.9
643.7	60°	615.6	587.5	606.0	624.6	647.5	670.4	688.0	705.8	722.8	739.8
633.7	62.5°	598.5	563.4	575.2	586.9	613.6	640.3	659.2	678.1	693.7	709.2
612.4	65°	575.0	537.6	542.2	546.7	575.3	603.9	622.0	640.1	653.8	667.5
574.5	67.5°	543.4	512.3	510.8	509.4	535.8	562.3	579.4	596.5	608.3	620.2
526.4	70°	504.3	482.1	477.2	472.3	495.5	518.7	533.5	548.3	559.0	569.7
472.8	72.5°	457.7	442.5	435.3	428.1	446.4	464.6	478.0	491.3	501.8	512.3
412.0	75°	400.4	388.6	381.7	374.8	388.4	402.0	414.1	426.2	435.7	445.2
351.1	77.5°	341.8	332.4	325.4	318.4	329.4	340.4	350.8	361.3	371.3	381.2
281.7	80°	273.8	265.9	260.1	254.2	263.4	272.5	281.3	290.0	297.7	305.2
207.2	82.5°	203.3	199.5	195.3	191.2	190.4	189.6	186.6	183.5	199.7	215.9
136.4	85°	132.3	128.2	123.5	118.9	114.9	110.9	102.4	93.9	109.1	124.3
60.3	87.5°	58.6	57.0	56.1	55.2	55.1	54.9	48.4	41.9	48.3	54.7
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1321.5	2.5°	1316.3	1312.2	1308.2	1304.4	1300.7	1296.0	1300.7	1304.4	1308.2	1312.2
1243.4	5°	1236.2	1231.1	1226.0	1222.1	1218.2	1214.4	1218.2	1222.1	1226.0	1231.1
1196.5	7.5°	1188.0	1182.1	1176.3	1172.8	1169.4	1166.7	1169.4	1172.8	1176.3	1182.1
1183.1	10°	1173.4	1167.9	1162.4	1159.4	1156.4	1155.2	1156.4	1159.4	1162.4	1167.9
1207.3	12.5°	1195.0	1188.8	1182.6	1180.1	1177.6	1177.1	1177.6	1180.1	1182.6	1188.8
1258.2	15°	1239.5	1230.9	1222.3	1219.1	1215.8	1215.5	1215.8	1219.1	1222.3	1230.9
1309.9	17.5°	1282.3	1269.6	1256.8	1252.7	1248.5	1247.8	1248.5	1252.7	1256.8	1269.6
1342.1	20°	1308.3	1292.1	1275.7	1270.5	1265.3	1263.7	1265.3	1270.5	1275.7	1292.1
1344.2	22.5°	1309.3	1292.1	1274.9	1269.2	1263.4	1261.0	1263.4	1269.2	1274.9	1292.1
1313.7	25°	1282.8	1267.9	1253.0	1247.6	1242.2	1239.0	1242.2	1247.6	1253.0	1267.9
1254.9	27.5°	1230.8	1220.9	1210.8	1208.4	1205.9	1205.1	1205.9	1208.4	1210.8	1220.9
1184.2	30°	1166.9	1161.8	1156.6	1156.6	1156.6	1157.4	1156.6	1156.6	1156.6	1161.8
1116.4	32.5°	1102.7	1099.3	1096.0	1096.4	1096.9	1097.7	1096.9	1096.4	1096.0	1099.3
1058.6	35°	1046.0	1040.9	1035.8	1034.7	1033.6	1033.1	1033.6	1034.7	1035.8	1040.9
1009.5	37.5°	997.8	988.5	979.3	974.4	969.5	966.8	969.5	974.4	979.3	988.5
963.5	40°	953.6	940.1	926.7	917.6	908.6	903.3	908.6	917.6	926.7	940.1
917.1	42.5°	908.7	892.0	875.3	862.1	848.9	840.3	848.9	862.1	875.3	892.0
872.2	45°	864.6	845.5	826.5	811.0	795.5	785.5	795.5	811.0	826.5	845.5
835.0	47.5°	829.8	812.8	795.8	781.4	767.1	757.6	767.1	781.4	795.8	812.8
809.2	50°	808.9	795.4	781.8	768.5	755.3	746.1	755.3	768.5	781.8	795.4
792.1	52.5°	794.9	783.9	772.8	760.9	749.1	740.6	749.1	760.9	772.8	783.9
777.8	55°	781.8	772.1	762.5	752.1	741.7	734.0	741.7	752.1	762.5	772.1
763.9	57.5°	767.9	758.1	748.4	738.1	727.7	719.8	727.7	738.1	748.4	758.1
744.1	60°	748.5	739.0	729.5	718.9	708.3	700.0	708.3	718.9	729.5	739.0
713.5	62.5°	717.7	709.1	700.5	689.3	678.1	668.3	678.1	689.3	700.5	709.1
671.8	65°	676.1	667.8	659.5	648.7	637.9	629.4	637.9	648.7	659.5	667.8
624.4	67.5°	628.6	620.9	613.4	603.3	593.2	585.6	593.2	603.3	613.4	620.9
573.7	70°	577.8	571.6	565.4	555.8	546.1	537.4	546.1	555.8	565.4	571.6
517.1	72.5°	521.9	516.8	511.6	502.4	493.3	484.8	493.3	502.4	511.6	516.8
450.3	75°	455.3	452.8	450.3	442.5	434.8	426.7	434.8	442.5	450.3	452.8
386.0	77.5°	390.7	387.2	383.5	375.8	368.0	361.5	368.0	375.8	383.5	387.2
311.5	80°	317.7	316.2	314.7	304.2	293.7	281.6	293.7	304.2	314.7	316.2
226.6	82.5°	237.2	236.5	235.8	227.0	218.1	210.3	218.1	227.0	235.8	236.5
137.5	85°	150.6	149.5	148.4	141.5	134.6	127.6	134.6	141.5	148.4	149.5
60.0	87.5°	65.3	64.0	62.6	59.0	55.4	52.0	55.4	59.0	62.6	64.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1316.3	2.5°	1321.5	1326.7	1333.2	1339.6	1347.8	1356.2	1364.4	1372.7	1382.1	1391.6
1236.2	5°	1243.4	1250.5	1260.8	1271.1	1284.5	1297.8	1312.4	1327.1	1343.7	1360.4
1188.0	7.5°	1196.5	1205.1	1217.2	1229.5	1245.7	1262.1	1280.6	1299.0	1320.9	1342.8
1173.4	10°	1183.1	1192.6	1207.2	1221.8	1240.1	1258.5	1278.4	1298.3	1320.2	1342.1
1195.0	12.5°	1207.3	1219.6	1238.2	1256.8	1275.8	1294.8	1310.4	1326.0	1340.5	1355.1
1239.5	15°	1258.2	1277.0	1303.5	1330.0	1346.5	1363.0	1367.0	1371.1	1369.1	1367.1
1282.3	17.5°	1309.9	1337.5	1372.6	1407.8	1421.0	1434.3	1421.7	1409.0	1385.1	1361.2
1308.3	20°	1342.1	1376.0	1416.1	1456.2	1462.4	1468.6	1442.0	1415.4	1373.9	1332.4
1309.3	22.5°	1344.2	1379.0	1417.3	1455.7	1452.0	1448.3	1413.7	1379.2	1331.7	1284.4
1282.8	25°	1313.7	1344.7	1376.0	1407.5	1394.8	1382.1	1348.1	1314.1	1271.5	1228.9
1230.8	27.5°	1254.9	1278.9	1301.3	1323.7	1309.5	1295.4	1268.1	1240.8	1205.9	1170.8
1166.9	30°	1184.2	1201.4	1218.4	1235.5	1224.0	1212.5	1189.8	1167.2	1138.1	1109.1
1102.7	32.5°	1116.4	1130.1	1145.9	1161.5	1148.7	1136.0	1114.2	1092.5	1069.3	1046.1
1046.0	35°	1058.6	1071.3	1082.4	1093.6	1078.3	1062.9	1041.4	1019.9	1002.3	984.6
997.8	37.5°	1009.5	1021.1	1026.3	1031.4	1012.5	993.5	972.1	950.6	938.0	925.3
953.6	40°	963.5	973.4	972.2	970.9	949.1	927.3	906.6	885.8	876.7	867.6
908.7	42.5°	917.1	925.4	919.2	912.9	889.3	865.7	846.1	826.5	819.0	811.5
864.6	45°	872.2	879.7	870.7	861.6	837.2	812.8	794.2	775.5	769.2	762.9
829.8	47.5°	835.0	840.3	829.9	819.5	795.4	771.3	753.1	734.8	729.0	723.1
808.9	50°	809.2	809.5	796.1	782.8	761.2	739.6	722.4	705.2	696.0	686.8
794.9	52.5°	792.1	789.2	773.4	757.6	737.4	717.3	701.6	685.8	672.0	658.1
781.8	55°	777.8	773.9	757.1	740.3	722.7	705.1	688.1	671.1	651.5	631.8
767.9	57.5°	763.9	759.9	743.0	726.1	708.6	691.2	671.2	651.3	630.1	609.0
748.5	60°	744.1	739.8	722.8	705.8	688.0	670.4	647.5	624.6	606.0	587.5
717.7	62.5°	713.5	709.2	693.7	678.1	659.2	640.3	613.6	586.9	575.2	563.4
676.1	65°	671.8	667.5	653.8	640.1	622.0	603.9	575.3	546.7	542.2	537.6
628.6	67.5°	624.4	620.2	608.3	596.5	579.4	562.3	535.8	509.4	510.8	512.3
577.8	70°	573.7	569.7	559.0	548.3	533.5	518.7	495.5	472.3	477.2	482.1
521.9	72.5°	517.1	512.3	501.8	491.3	478.0	464.6	446.4	428.1	435.3	442.5
455.3	75°	450.3	445.2	435.7	426.2	414.1	402.0	388.4	374.8	381.7	388.6
390.7	77.5°	386.0	381.2	371.3	361.3	350.8	340.4	329.4	318.4	325.4	332.4
317.7	80°	311.5	305.2	297.7	290.0	281.3	272.5	263.4	254.2	260.1	265.9
237.2	82.5°	226.6	215.9	199.7	183.5	186.6	189.6	190.4	191.2	195.3	199.5
150.6	85°	137.5	124.3	109.1	93.9	102.4	110.9	114.9	118.9	123.5	128.2
65.3	87.5°	60.0	54.7	48.3	41.9	48.4	54.9	55.1	55.2	56.1	57.0
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1402.1	2.5°	1412.6	1425.6	1437.2	1449.3	1461.3	1473.9	1486.5	1499.0	1511.6	1523.3
1380.3	5°	1400.1	1422.8	1445.8	1470.2	1494.6	1520.7	1546.8	1572.7	1598.7	1624.7
1369.2	7.5°	1395.6	1425.0	1456.4	1490.4	1524.4	1563.0	1601.7	1641.3	1681.0	1723.9
1370.0	10°	1397.8	1429.4	1468.1	1508.4	1548.6	1595.6	1642.5	1694.8	1747.3	1801.5
1377.7	12.5°	1400.5	1429.9	1470.6	1516.2	1561.7	1617.0	1672.3	1731.7	1791.1	1850.7
1378.0	15°	1388.9	1412.4	1457.5	1510.2	1562.9	1626.6	1690.3	1754.7	1819.1	1881.3
1357.3	17.5°	1353.3	1367.8	1420.8	1484.2	1547.5	1621.5	1695.4	1765.7	1836.0	1899.0
1313.8	20°	1295.2	1299.0	1360.8	1439.3	1517.9	1607.5	1697.1	1774.3	1851.6	1917.1
1256.8	22.5°	1229.3	1221.8	1292.1	1386.7	1481.3	1590.3	1699.3	1785.9	1872.5	1939.5
1197.1	25°	1165.4	1145.1	1217.1	1327.9	1438.7	1573.3	1707.9	1807.0	1906.0	1971.5
1140.2	27.5°	1109.5	1084.8	1150.4	1274.2	1397.9	1562.0	1726.0	1839.8	1953.6	2016.2
1084.7	30°	1060.4	1041.0	1096.1	1229.2	1362.4	1556.6	1750.8	1882.4	2014.0	2074.4
1031.7	32.5°	1017.3	1008.7	1053.1	1190.5	1327.9	1550.1	1772.1	1926.8	2081.5	2141.3
980.6	35°	976.7	980.2	1017.2	1152.4	1287.7	1537.7	1787.8	1977.4	2167.1	2224.4
929.7	37.5°	934.0	947.1	979.4	1107.6	1235.9	1516.5	1797.1	2034.1	2271.1	2344.2
877.5	40°	887.4	907.4	936.7	1054.2	1171.7	1487.3	1803.0	2106.1	2409.2	2515.7
824.7	42.5°	837.8	863.0	890.0	995.2	1100.4	1457.2	1814.1	2200.3	2586.4	2740.1
775.7	45°	788.5	812.9	840.3	932.5	1024.8	1429.2	1833.6	2324.2	2814.7	3022.0
733.8	47.5°	744.5	765.5	800.8	882.9	965.1	1406.1	1847.1	2456.2	3065.3	3357.1
696.3	50°	705.8	730.2	776.6	850.0	923.4	1380.9	1838.3	2578.7	3319.0	3759.0
667.5	52.5°	676.9	711.0	764.4	828.3	892.3	1338.3	1784.3	2658.2	3532.0	4181.1
646.7	55°	661.6	712.9	762.6	812.6	862.6	1267.7	1672.9	2640.7	3608.4	4555.3
630.7	57.5°	652.4	714.8	758.7	794.0	829.3	1168.3	1507.2	2517.3	3527.5	4820.6
615.6	60°	643.7	708.8	737.7	765.5	793.3	1039.1	1284.9	2287.7	3290.5	4886.8
598.5	62.5°	633.7	694.0	697.6	716.0	734.4	884.5	1034.6	1977.3	2920.0	4607.7
575.0	65°	612.4	658.4	658.0	666.7	675.4	745.5	815.5	1660.6	2505.8	4212.9
543.4	67.5°	574.5	600.4	601.6	596.7	591.9	611.8	631.7	1350.4	2069.0	3742.9
504.3	70°	526.4	534.9	534.9	512.4	489.8	484.2	478.5	1063.2	1648.0	3230.2
457.7	72.5°	472.8	472.7	467.4	435.4	403.4	386.2	369.1	812.8	1256.6	2674.3
400.4	75°	412.0	414.1	389.4	353.5	317.7	302.1	286.6	589.9	893.3	2037.1
341.8	77.5°	351.1	352.2	311.4	276.6	241.8	231.2	220.6	399.8	578.9	1425.8
273.8	80°	281.7	281.8	233.1	203.7	174.2	169.8	165.4	257.6	349.7	918.6
203.3	82.5°	207.2	204.9	163.2	141.5	119.9	119.0	118.2	158.4	198.7	531.7
132.3	85°	136.4	133.4	102.4	86.5	70.7	71.1	71.5	84.7	97.9	239.2
58.6	87.5°	60.3	56.4	43.5	37.0	30.6	30.9	31.3	35.1	38.9	78.3
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1535.1	2.5°	1540.9	1546.8	1555.1	1563.3	1568.3	1573.2	1575.6	1578.1	1577.0	1578.1
1650.7	5°	1671.0	1691.4	1711.5	1731.8	1742.7	1753.7	1760.3	1767.0	1772.0	1767.0
1766.8	7.5°	1799.9	1832.9	1862.7	1892.4	1910.3	1928.2	1937.9	1947.6	1952.2	1947.6
1855.8	10°	1894.9	1934.1	1968.9	2003.8	2025.0	2046.0	2055.4	2064.8	2068.4	2064.8
1910.3	12.5°	1952.7	1995.1	2026.6	2058.1	2073.4	2088.7	2093.9	2099.0	2099.6	2099.0
1943.5	15°	1980.1	2016.6	2036.4	2056.2	2056.7	2057.3	2051.8	2046.3	2039.9	2046.3
1962.1	17.5°	1986.8	2011.5	2011.9	2012.2	1990.0	1967.8	1947.5	1927.1	1912.8	1927.1
1982.6	20°	1991.2	1999.9	1973.9	1947.9	1898.9	1849.9	1814.3	1778.6	1756.7	1778.6
2006.5	22.5°	1995.2	1983.9	1930.0	1876.1	1804.1	1732.0	1687.4	1642.9	1618.6	1642.9
2037.1	25°	2001.5	1965.9	1884.1	1802.3	1714.8	1627.3	1580.4	1533.6	1510.7	1533.6
2078.8	27.5°	2015.1	1951.4	1843.0	1734.7	1637.7	1540.8	1494.6	1448.6	1426.9	1448.6
2134.9	30°	2040.0	1945.1	1811.7	1678.2	1577.2	1476.2	1433.4	1390.7	1370.5	1390.7
2201.2	32.5°	2071.2	1941.3	1790.3	1639.4	1544.4	1449.5	1415.9	1382.3	1367.8	1382.3
2281.7	35°	2122.6	1963.6	1806.3	1649.0	1583.1	1517.2	1509.4	1501.5	1500.3	1501.5
2417.3	37.5°	2230.2	2043.1	1900.1	1757.1	1752.8	1748.6	1784.4	1820.2	1838.8	1820.2
2622.2	40°	2418.7	2215.2	2108.8	2002.5	2077.6	2152.6	2239.7	2326.8	2370.2	2326.8
2893.8	42.5°	2691.9	2490.0	2428.8	2367.6	2531.2	2694.9	2853.3	3011.7	3104.7	3011.7
3229.4	45°	3048.0	2866.6	2839.6	2812.5	3074.7	3337.0	3597.3	3857.6	4015.7	3857.6
3648.9	47.5°	3472.5	3296.0	3290.5	3285.1	3663.3	4041.5	4422.6	4803.6	5027.4	4803.6
4198.9	50°	3980.9	3763.0	3764.0	3764.9	4252.4	4739.9	5242.9	5746.0	6050.1	5746.0
4830.2	52.5°	4566.3	4302.4	4275.7	4249.0	4831.3	5413.7	6036.0	6658.4	7022.9	6658.4
5502.3	55°	5241.6	4980.8	4876.8	4772.8	5420.9	6069.0	6810.9	7552.9	7986.4	7552.9
6113.6	57.5°	5971.6	5829.6	5621.0	5412.4	6066.8	6721.2	7561.6	8401.9	8939.5	8401.9
6483.1	60°	6703.6	6924.2	6665.1	6406.0	7025.3	7644.6	8544.4	9444.1	10025.2	9444.1
6295.5	62.5°	6898.1	7500.7	7471.5	7442.2	8009.5	8576.9	9433.0	10289.0	10826.0	10289.0
5920.0	65°	6485.5	7051.1	7163.0	7274.9	7995.8	8716.9	9547.0	10377.0	10834.3	10377.0
5416.9	67.5°	5954.8	6492.7	6545.1	6597.6	7348.8	8099.9	8933.6	9767.2	10125.4	9767.2
4812.4	70°	5397.5	5982.6	6006.0	6029.5	6701.3	7373.0	8090.4	8807.8	9006.9	8807.8
4092.1	72.5°	4763.5	5434.9	5451.8	5468.6	5994.2	6519.8	7057.1	7594.3	7614.5	7594.3
3180.9	75°	3875.8	4570.7	4633.1	4695.4	5104.4	5513.3	5891.5	6269.7	6168.4	6269.7
2272.7	77.5°	2921.3	3570.1	3659.3	3748.6	4059.5	4370.3	4638.6	4906.9	4732.7	4906.9
1487.5	80°	2033.2	2578.9	2689.9	2800.8	3035.6	3270.3	3411.2	3552.0	3271.8	3552.0
864.6	82.5°	1237.7	1610.9	1734.8	1858.8	2020.4	2182.0	2240.8	2299.5	2079.3	2299.5
380.4	85°	578.4	776.5	881.9	987.3	1120.1	1252.8	1286.2	1319.6	1143.2	1319.6
117.8	87.5°	184.3	250.9	309.7	368.5	434.9	501.3	504.2	507.0	425.6	507.0
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):

325°		330°	335°	340°	345°	350°	355°	360°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1575.6	2.5°	1573.2	1568.3	1563.3	1555.1	1546.8	1540.9	1535.1
1760.3	5°	1753.7	1742.7	1731.8	1711.5	1691.4	1671.0	1650.7
1937.9	7.5°	1928.2	1910.3	1892.4	1862.7	1832.9	1799.9	1766.8
2055.4	10°	2046.0	2025.0	2003.8	1968.9	1934.1	1894.9	1855.8
2093.9	12.5°	2088.7	2073.4	2058.1	2026.6	1995.1	1952.7	1910.3
2051.8	15°	2057.3	2056.7	2056.2	2036.4	2016.6	1980.1	1943.5
1947.5	17.5°	1967.8	1990.0	2012.2	2011.9	2011.5	1986.8	1962.1
1814.3	20°	1849.9	1898.9	1947.9	1973.9	1999.9	1991.2	1982.6
1687.4	22.5°	1732.0	1804.1	1876.1	1930.0	1983.9	1995.2	2006.5
1580.4	25°	1627.3	1714.8	1802.3	1884.1	1965.9	2001.5	2037.1
1494.6	27.5°	1540.8	1637.7	1734.7	1843.0	1951.4	2015.1	2078.8
1433.4	30°	1476.2	1577.2	1678.2	1811.7	1945.1	2040.0	2134.9
1415.9	32.5°	1449.5	1544.4	1639.4	1790.3	1941.3	2071.2	2201.2
1509.4	35°	1517.2	1583.1	1649.0	1806.3	1963.6	2122.6	2281.7
1784.4	37.5°	1748.6	1752.8	1757.1	1900.1	2043.1	2230.2	2417.3
2239.7	40°	2152.6	2077.6	2002.5	2108.8	2215.2	2418.7	2622.2
2853.3	42.5°	2694.9	2531.2	2367.6	2428.8	2490.0	2691.9	2893.8
3597.3	45°	3337.0	3074.7	2812.5	2839.6	2866.6	3048.0	3229.4
4422.6	47.5°	4041.5	3663.3	3285.1	3290.5	3296.0	3472.5	3648.9
5242.9	50°	4739.9	4252.4	3764.9	3764.0	3763.0	3980.9	4198.9
6036.0	52.5°	5413.7	4831.3	4249.0	4275.7	4302.4	4566.3	4830.2
6810.9	55°	6069.0	5420.9	4772.8	4876.8	4980.8	5241.6	5502.3
7561.6	57.5°	6721.2	6066.8	5412.4	5621.0	5829.6	5971.6	6113.6
8544.4	60°	7644.6	7025.3	6406.0	6665.1	6924.2	6703.6	6483.1
9433.0	62.5°	8576.9	8009.5	7442.2	7471.5	7500.7	6898.1	6295.5
9547.0	65°	8716.9	7995.8	7274.9	7163.0	7051.1	6485.5	5920.0
8933.6	67.5°	8099.9	7348.8	6597.6	6545.1	6492.7	5954.8	5416.9
8090.4	70°	7373.0	6701.3	6029.5	6006.0	5982.6	5397.5	4812.4
7057.1	72.5°	6519.8	5994.2	5468.6	5451.8	5434.9	4763.5	4092.1
5891.5	75°	5513.3	5104.4	4695.4	4633.1	4570.7	3875.8	3180.9
4638.6	77.5°	4370.3	4059.5	3748.6	3659.3	3570.1	2921.3	2272.7
3411.2	80°	3270.3	3035.6	2800.8	2689.9	2578.9	2033.2	1487.5
2240.8	82.5°	2182.0	2020.4	1858.8	1734.8	1610.9	1237.7	864.6
1286.2	85°	1252.8	1120.1	987.3	881.9	776.5	578.4	380.4
504.2	87.5°	501.3	434.9	368.5	309.7	250.9	184.3	117.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)