

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: P948013

Luminaire Tested: **GALN-SB3A-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948013
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-SB3A-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9718 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

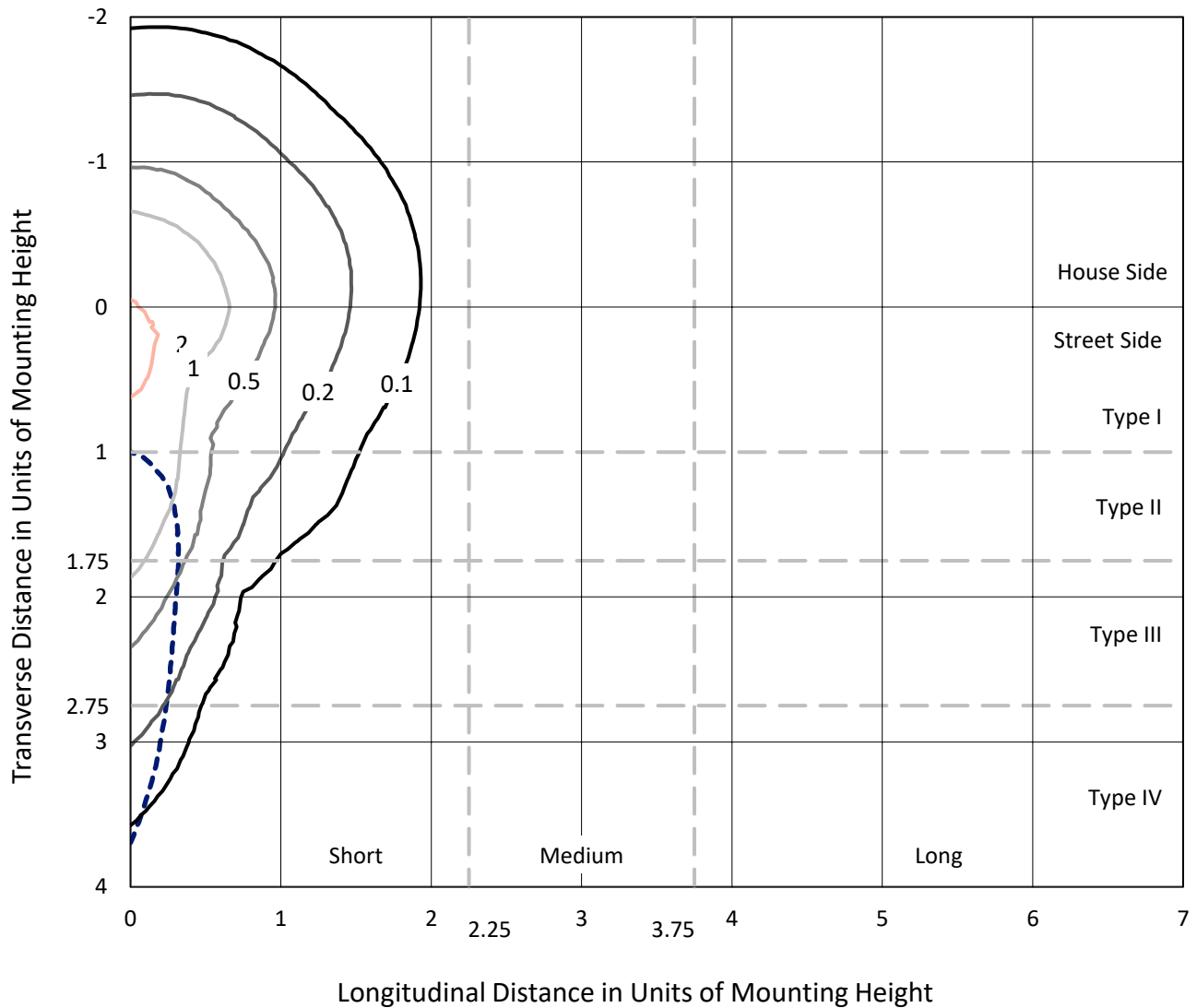
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

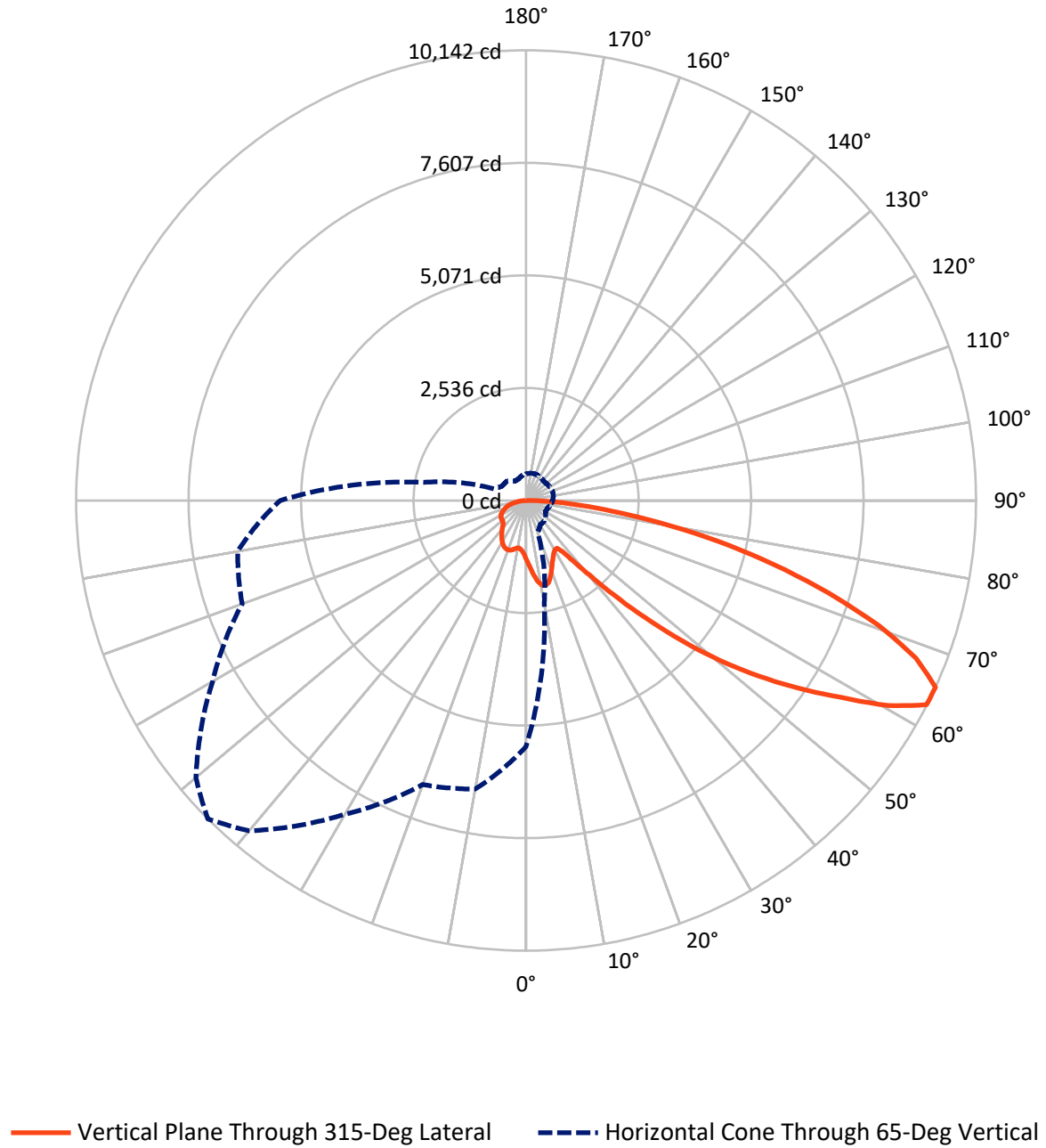
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 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	2469.8	0.0	2469.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7248.2	0.0	7248.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	9718.0	0.0	9718.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.6	1.4
10°-20°	416.1	4.3
20°-30°	642.8	6.6
30°-40°	814.6	8.4
40°-50°	1228.6	12.6
50°-60°	1984.9	20.4
60°-70°	2474.5	25.5
70°-80°	1622.7	16.7
80°-90°	401.2	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°	9718.0	100.0
0°-180°	9718.0	100.0



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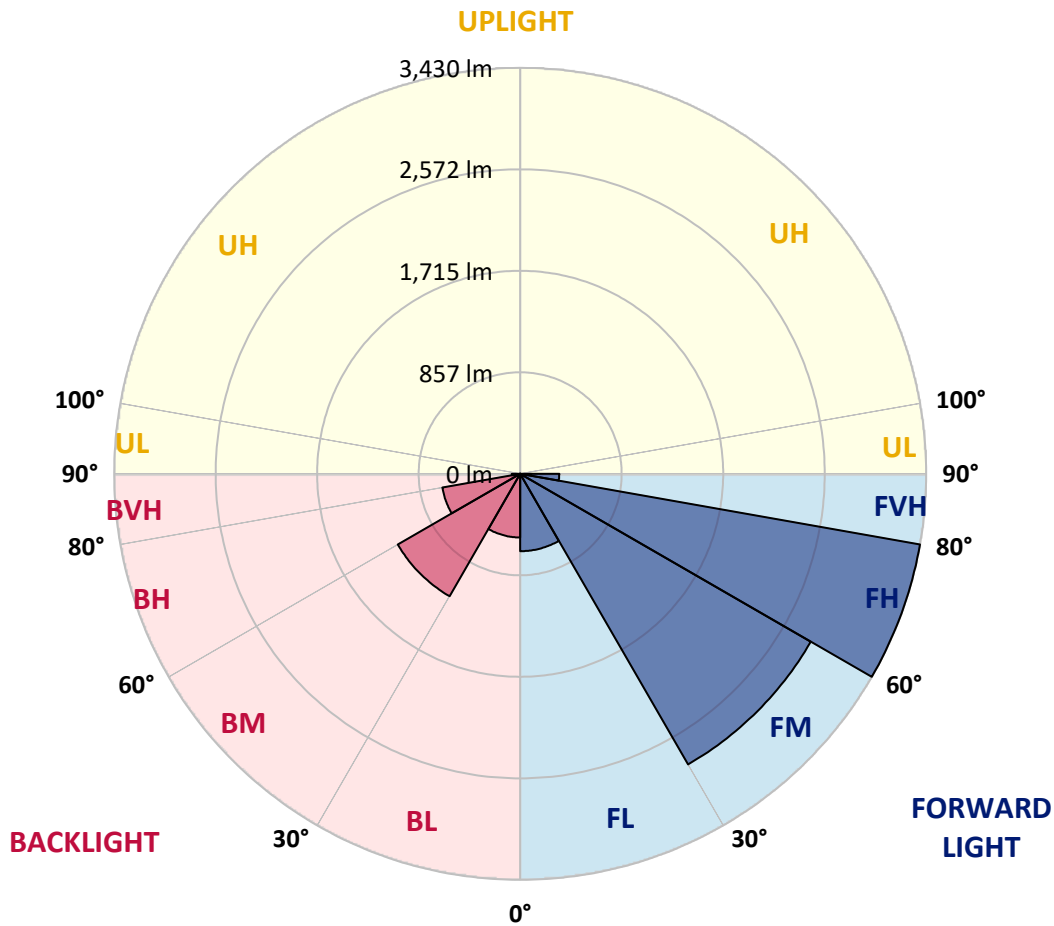
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	653.6	6.7			
FM (30°-60°)	2834.5	29.2			
FH (60°-80°)	3429.5	35.3			G2/5000
FVH (80°-90°)	330.5	3.4			G3/500
BL (0°-30°)	537.8	5.5	B2/1000		
BM (30°-60°)	1193.6	12.3	B2/2500		
BH (60°-80°)	667.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	70.7	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°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
2.5°	1437.1	1426.0	1415.0	1403.3	1391.6	1379.8	1368.0	1356.7	1345.4	1334.5
5°	1545.3	1520.9	1496.6	1472.2	1448.0	1423.5	1399.1	1376.3	1353.5	1332.0
7.5°	1654.0	1613.8	1573.6	1536.5	1499.4	1463.2	1427.1	1395.2	1363.4	1334.0
10°	1737.3	1686.5	1635.7	1586.6	1537.6	1493.7	1449.7	1412.1	1374.4	1338.1
12.5°	1788.3	1732.5	1676.7	1621.1	1565.5	1513.7	1461.9	1419.3	1376.7	1338.6
15°	1819.3	1761.1	1702.9	1642.6	1582.3	1522.7	1463.1	1413.7	1364.4	1322.2
17.5°	1836.8	1777.8	1718.7	1653.0	1587.2	1517.9	1448.7	1389.4	1330.1	1280.4
20°	1856.0	1794.7	1733.3	1661.0	1588.7	1504.8	1420.9	1347.4	1273.9	1216.1
22.5°	1878.3	1815.7	1752.9	1671.9	1590.8	1488.7	1386.7	1298.1	1209.5	1143.8
25°	1907.0	1845.6	1784.2	1691.6	1598.9	1472.8	1346.8	1243.1	1139.4	1072.0
27.5°	1946.0	1887.4	1828.8	1722.3	1615.8	1462.2	1308.6	1192.8	1076.9	1015.6
30°	1998.6	1942.0	1885.4	1762.2	1639.0	1457.2	1275.4	1150.7	1026.1	974.5
32.5°	2060.6	2004.6	1948.6	1803.8	1659.0	1451.1	1243.1	1114.5	985.8	944.3
35°	2136.0	2082.4	2028.7	1851.1	1673.6	1439.5	1205.4	1078.8	952.2	917.6
37.5°	2262.9	2194.5	2126.1	1904.2	1682.3	1419.6	1156.9	1036.9	916.9	886.6
40°	2454.7	2355.0	2255.3	1971.6	1687.8	1392.3	1096.8	986.8	876.9	849.4
42.5°	2709.0	2565.1	2421.3	2059.7	1698.2	1364.1	1030.1	931.6	833.2	807.9
45°	3023.1	2829.0	2634.9	2175.7	1716.5	1337.9	959.3	873.0	786.6	761.0
47.5°	3415.9	3142.7	2869.5	2299.3	1729.1	1316.3	903.4	826.6	749.7	716.6
50°	3930.7	3518.9	3107.0	2414.0	1720.9	1292.7	864.4	795.7	727.0	683.5
52.5°	4521.7	3914.1	3306.4	2488.4	1670.4	1252.8	835.3	775.4	715.6	665.6
55°	5150.9	4264.4	3377.9	2472.0	1566.0	1186.8	807.5	760.7	713.9	667.4
57.5°	5723.2	4512.7	3302.2	2356.5	1410.9	1093.7	776.4	743.3	710.2	669.2
60°	6069.0	4574.7	3080.4	2141.6	1202.9	972.7	742.6	716.6	690.6	663.5
62.5°	5893.4	4313.5	2733.5	1851.0	968.5	828.0	687.5	670.3	653.0	649.7
65°	5541.9	3943.8	2345.7	1554.5	763.4	697.8	632.3	624.1	616.0	616.4
67.5°	5070.9	3503.9	1936.9	1264.1	591.3	572.7	554.1	558.6	563.1	562.0
70°	4505.0	3023.9	1542.7	995.3	447.9	453.2	458.5	479.7	500.7	500.7
72.5°	3830.7	2503.5	1176.3	760.9	345.5	361.6	377.7	407.6	437.5	442.5
75°	2977.7	1907.0	836.2	552.3	268.3	282.9	297.4	330.9	364.5	387.7
77.5°	2127.5	1334.7	541.9	374.2	206.5	216.4	226.4	259.0	291.5	329.7
80°	1392.5	859.9	327.4	241.1	154.9	159.0	163.1	190.7	218.2	263.8
82.5°	809.4	497.7	186.0	148.3	110.7	111.4	112.2	132.5	152.8	191.8
85°	356.1	223.9	91.7	79.3	66.9	66.6	66.1	81.0	95.9	124.9
87.5°	110.2	73.3	36.4	32.9	29.3	29.0	28.6	34.7	40.8	52.8
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°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1322.4	2.5°	1312.5	1302.7	1293.9	1285.0	1277.3	1269.5	1261.8	1254.0	1248.0	1242.0
1310.7	5°	1292.1	1273.5	1257.9	1242.4	1228.6	1214.9	1202.4	1189.9	1180.3	1170.7
1306.5	7.5°	1281.7	1257.1	1236.6	1216.1	1198.8	1181.4	1166.2	1150.9	1139.5	1128.1
1308.5	10°	1282.5	1256.4	1235.9	1215.4	1196.8	1178.1	1160.9	1143.8	1130.1	1116.4
1311.1	12.5°	1289.7	1268.5	1254.9	1241.3	1226.7	1212.1	1194.3	1176.6	1159.1	1141.7
1300.2	15°	1290.0	1279.8	1281.6	1283.5	1279.7	1275.9	1260.5	1245.0	1220.2	1195.4
1266.8	17.5°	1270.6	1274.3	1296.6	1319.0	1330.9	1342.7	1330.3	1317.8	1285.0	1252.1
1212.5	20°	1229.9	1247.3	1286.2	1325.0	1349.9	1374.8	1369.0	1363.2	1325.6	1288.1
1150.8	22.5°	1176.6	1202.4	1246.7	1291.1	1323.4	1355.8	1359.3	1362.7	1326.8	1290.9
1090.9	25°	1120.7	1150.4	1190.3	1230.2	1262.0	1293.9	1305.7	1317.6	1288.2	1258.8
1038.6	27.5°	1067.4	1096.1	1128.8	1161.6	1187.1	1212.6	1225.9	1239.1	1218.2	1197.2
992.6	30°	1015.4	1038.3	1065.5	1092.6	1113.8	1135.0	1145.8	1156.6	1140.6	1124.6
952.3	32.5°	965.8	979.3	1001.0	1022.7	1043.0	1063.4	1075.4	1087.4	1072.7	1058.0
914.3	35°	918.0	921.7	938.3	954.8	974.9	995.1	1009.4	1023.8	1013.3	1002.9
874.4	37.5°	870.3	866.2	878.1	889.9	910.0	930.1	947.8	965.6	960.7	955.9
830.7	40°	821.4	812.1	820.7	829.3	848.7	868.0	888.4	908.9	910.1	911.2
784.3	42.5°	772.0	759.7	766.7	773.7	792.0	810.5	832.5	854.6	860.4	866.3
738.1	45°	726.1	714.2	720.0	726.0	743.4	760.9	783.7	806.6	815.1	823.5
697.0	47.5°	686.9	676.9	682.4	687.9	705.0	722.0	744.6	767.1	776.9	786.6
660.7	50°	651.8	642.9	651.5	660.2	676.3	692.4	712.6	732.8	745.3	757.8
633.7	52.5°	624.9	616.1	629.1	642.0	656.8	671.5	690.3	709.2	724.0	738.8
619.3	55°	605.4	591.5	609.9	628.3	644.2	660.1	676.6	693.0	708.7	724.5
610.7	57.5°	590.4	570.1	589.9	609.7	628.4	647.0	663.3	679.7	695.5	711.3
602.6	60°	576.3	550.0	567.3	584.7	606.1	627.5	644.1	660.7	676.6	692.5
593.2	62.5°	560.3	527.4	538.4	549.4	574.4	599.4	617.1	634.8	649.4	663.9
573.3	65°	538.3	503.3	507.6	511.8	538.5	565.3	582.3	599.2	612.0	624.8
537.8	67.5°	508.7	479.6	478.2	476.9	501.6	526.4	542.4	558.4	569.5	580.6
492.8	70°	472.1	451.4	446.7	442.1	463.9	485.6	499.4	513.3	523.3	533.3
442.6	72.5°	428.4	414.2	407.5	400.7	417.9	434.9	447.5	460.0	469.8	479.6
385.7	75°	374.8	363.8	357.4	350.8	363.6	376.3	387.6	398.9	407.9	416.8
328.7	77.5°	319.9	311.2	304.6	298.0	308.4	318.7	328.4	338.2	347.6	356.9
263.7	80°	256.3	249.0	243.5	237.9	246.5	255.1	263.3	271.5	278.6	285.7
193.9	82.5°	190.3	186.8	182.9	179.0	178.2	177.5	174.7	171.8	187.0	202.1
127.7	85°	123.8	120.0	115.6	111.3	107.6	103.8	95.9	87.9	102.1	116.4
56.4	87.5°	54.9	53.3	52.5	51.7	51.5	51.4	45.3	39.2	45.2	51.2
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1237.1	2.5°	1232.2	1228.4	1224.6	1221.1	1217.6	1213.2	1217.6	1221.1	1224.6	1228.4
1164.0	5°	1157.2	1152.5	1147.7	1144.1	1140.4	1136.8	1140.4	1144.1	1147.7	1152.5
1120.1	7.5°	1112.1	1106.6	1101.2	1097.9	1094.7	1092.2	1094.7	1097.9	1101.2	1106.6
1107.5	10°	1098.5	1093.3	1088.1	1085.4	1082.6	1081.5	1082.6	1085.4	1088.1	1093.3
1130.2	12.5°	1118.6	1112.8	1107.1	1104.7	1102.4	1102.0	1102.4	1104.7	1107.1	1112.8
1177.9	15°	1160.3	1152.3	1144.3	1141.2	1138.1	1137.9	1138.1	1141.2	1144.3	1152.3
1226.3	17.5°	1200.4	1188.5	1176.6	1172.7	1168.7	1168.1	1168.7	1172.7	1176.6	1188.5
1256.4	20°	1224.8	1209.5	1194.3	1189.4	1184.5	1183.0	1184.5	1189.4	1194.3	1209.5
1258.3	22.5°	1225.7	1209.6	1193.5	1188.1	1182.7	1180.4	1182.7	1188.1	1193.5	1209.6
1229.8	25°	1200.8	1186.9	1173.0	1167.9	1162.9	1159.9	1162.9	1167.9	1173.0	1186.9
1174.7	27.5°	1152.2	1142.9	1133.5	1131.2	1128.9	1128.1	1128.9	1131.2	1133.5	1142.9
1108.5	30°	1092.3	1087.6	1082.7	1082.7	1082.7	1083.5	1082.7	1082.7	1082.7	1087.6
1045.1	32.5°	1032.2	1029.1	1026.0	1026.4	1026.8	1027.6	1026.8	1026.4	1026.0	1029.1
991.0	35°	979.2	974.4	969.7	968.6	967.6	967.1	967.6	968.6	969.7	974.4
945.0	37.5°	934.0	925.4	916.8	912.2	907.6	905.1	907.6	912.2	916.8	925.4
901.9	40°	892.7	880.0	867.5	859.0	850.6	845.6	850.6	859.0	867.5	880.0
858.5	42.5°	850.7	835.1	819.4	807.1	794.7	786.6	794.7	807.1	819.4	835.1
816.5	45°	809.4	791.5	773.7	759.2	744.7	735.3	744.7	759.2	773.7	791.5
781.7	47.5°	776.8	760.9	745.0	731.5	718.2	709.2	718.2	731.5	745.0	760.9
757.5	50°	757.3	744.6	731.8	719.4	707.0	698.4	707.0	719.4	731.8	744.6
741.5	52.5°	744.1	733.8	723.4	712.3	701.2	693.3	701.2	712.3	723.4	733.8
728.1	55°	731.8	722.8	713.8	704.0	694.3	687.1	694.3	704.0	713.8	722.8
715.1	57.5°	718.8	709.7	700.6	690.9	681.2	673.8	681.2	690.9	700.6	709.7
696.6	60°	700.7	691.8	682.9	673.0	663.0	655.3	663.0	673.0	682.9	691.8
667.9	62.5°	671.8	663.8	655.7	645.3	634.8	625.6	634.8	645.3	655.7	663.8
628.9	65°	632.9	625.1	617.4	607.2	597.1	589.2	597.1	607.2	617.4	625.1
584.5	67.5°	588.4	581.3	574.2	564.8	555.3	548.2	555.3	564.8	574.2	581.3
537.1	70°	540.9	535.1	529.3	520.3	511.2	503.0	511.2	520.3	529.3	535.1
484.1	72.5°	488.6	483.8	478.9	470.3	461.8	453.8	461.8	470.3	478.9	483.8
421.5	75°	426.2	423.9	421.5	414.3	407.0	399.5	407.0	414.3	421.5	423.9
361.3	77.5°	365.7	362.4	359.0	351.8	344.5	338.4	344.5	351.8	359.0	362.4
291.6	80°	297.4	296.0	294.6	284.8	275.0	263.6	275.0	284.8	294.6	296.0
212.1	82.5°	222.0	221.4	220.8	212.5	204.2	196.9	204.2	212.5	220.8	221.4
128.7	85°	141.0	140.0	139.0	132.5	126.0	119.5	126.0	132.5	139.0	140.0
56.1	87.5°	61.1	59.9	58.6	55.3	51.9	48.7	51.9	55.3	58.6	59.9
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°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1232.2	2.5°	1237.1	1242.0	1248.0	1254.0	1261.8	1269.5	1277.3	1285.0	1293.9	1302.7
1157.2	5°	1164.0	1170.7	1180.3	1189.9	1202.4	1214.9	1228.6	1242.4	1257.9	1273.5
1112.1	7.5°	1120.1	1128.1	1139.5	1150.9	1166.2	1181.4	1198.8	1216.1	1236.6	1257.1
1098.5	10°	1107.5	1116.4	1130.1	1143.8	1160.9	1178.1	1196.8	1215.4	1235.9	1256.4
1118.6	12.5°	1130.2	1141.7	1159.1	1176.6	1194.3	1212.1	1226.7	1241.3	1254.9	1268.5
1160.3	15°	1177.9	1195.4	1220.2	1245.0	1260.5	1275.9	1279.7	1283.5	1281.6	1279.8
1200.4	17.5°	1226.3	1252.1	1285.0	1317.8	1330.3	1342.7	1330.9	1319.0	1296.6	1274.3
1224.8	20°	1256.4	1288.1	1325.6	1363.2	1369.0	1374.8	1349.9	1325.0	1286.2	1247.3
1225.7	22.5°	1258.3	1290.9	1326.8	1362.7	1359.3	1355.8	1323.4	1291.1	1246.7	1202.4
1200.8	25°	1229.8	1258.8	1288.2	1317.6	1305.7	1293.9	1262.0	1230.2	1190.3	1150.4
1152.2	27.5°	1174.7	1197.2	1218.2	1239.1	1225.9	1212.6	1187.1	1161.6	1128.8	1096.1
1092.3	30°	1108.5	1124.6	1140.6	1156.6	1145.8	1135.0	1113.8	1092.6	1065.5	1038.3
1032.2	32.5°	1045.1	1058.0	1072.7	1087.4	1075.4	1063.4	1043.0	1022.7	1001.0	979.3
979.2	35°	991.0	1002.9	1013.3	1023.8	1009.4	995.1	974.9	954.8	938.3	921.7
934.0	37.5°	945.0	955.9	960.7	965.6	947.8	930.1	910.0	889.9	878.1	866.2
892.7	40°	901.9	911.2	910.1	908.9	888.4	868.0	848.7	829.3	820.7	812.1
850.7	42.5°	858.5	866.3	860.4	854.6	832.5	810.5	792.0	773.7	766.7	759.7
809.4	45°	816.5	823.5	815.1	806.6	783.7	760.9	743.4	726.0	720.0	714.2
776.8	47.5°	781.7	786.6	776.9	767.1	744.6	722.0	705.0	687.9	682.4	676.9
757.3	50°	757.5	757.8	745.3	732.8	712.6	692.4	676.3	660.2	651.5	642.9
744.1	52.5°	741.5	738.8	724.0	709.2	690.3	671.5	656.8	642.0	629.1	616.1
731.8	55°	728.1	724.5	708.7	693.0	676.6	660.1	644.2	628.3	609.9	591.5
718.8	57.5°	715.1	711.3	695.5	679.7	663.3	647.0	628.4	609.7	589.9	570.1
700.7	60°	696.6	692.5	676.6	660.7	644.1	627.5	606.1	584.7	567.3	550.0
671.8	62.5°	667.9	663.9	649.4	634.8	617.1	599.4	574.4	549.4	538.4	527.4
632.9	65°	628.9	624.8	612.0	599.2	582.3	565.3	538.5	511.8	507.6	503.3
588.4	67.5°	584.5	580.6	569.5	558.4	542.4	526.4	501.6	476.9	478.2	479.6
540.9	70°	537.1	533.3	523.3	513.3	499.4	485.6	463.9	442.1	446.7	451.4
488.6	72.5°	484.1	479.6	469.8	460.0	447.5	434.9	417.9	400.7	407.5	414.2
426.2	75°	421.5	416.8	407.9	398.9	387.6	376.3	363.6	350.8	357.4	363.8
365.7	77.5°	361.3	356.9	347.6	338.2	328.4	318.7	308.4	298.0	304.6	311.2
297.4	80°	291.6	285.7	278.6	271.5	263.3	255.1	246.5	237.9	243.5	249.0
222.0	82.5°	212.1	202.1	187.0	171.8	174.7	177.5	178.2	179.0	182.9	186.8
141.0	85°	128.7	116.4	102.1	87.9	95.9	103.8	107.6	111.3	115.6	120.0
61.1	87.5°	56.1	51.2	45.2	39.2	45.3	51.4	51.5	51.7	52.5	53.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1312.5	2.5°	1322.4	1334.5	1345.4	1356.7	1368.0	1379.8	1391.6	1403.3	1415.0	1426.0
1292.1	5°	1310.7	1332.0	1353.5	1376.3	1399.1	1423.5	1448.0	1472.2	1496.6	1520.9
1281.7	7.5°	1306.5	1334.0	1363.4	1395.2	1427.1	1463.2	1499.4	1536.5	1573.6	1613.8
1282.5	10°	1308.5	1338.1	1374.4	1412.1	1449.7	1493.7	1537.6	1586.6	1635.7	1686.5
1289.7	12.5°	1311.1	1338.6	1376.7	1419.3	1461.9	1513.7	1565.5	1621.1	1676.7	1732.5
1290.0	15°	1300.2	1322.2	1364.4	1413.7	1463.1	1522.7	1582.3	1642.6	1702.9	1761.1
1270.6	17.5°	1266.8	1280.4	1330.1	1389.4	1448.7	1517.9	1587.2	1653.0	1718.7	1777.8
1229.9	20°	1212.5	1216.1	1273.9	1347.4	1420.9	1504.8	1588.7	1661.0	1733.3	1794.7
1176.6	22.5°	1150.8	1143.8	1209.5	1298.1	1386.7	1488.7	1590.8	1671.9	1752.9	1815.7
1120.7	25°	1090.9	1072.0	1139.4	1243.1	1346.8	1472.8	1598.9	1691.6	1784.2	1845.6
1067.4	27.5°	1038.6	1015.6	1076.9	1192.8	1308.6	1462.2	1615.8	1722.3	1828.8	1887.4
1015.4	30°	992.6	974.5	1026.1	1150.7	1275.4	1457.2	1639.0	1762.2	1885.4	1942.0
965.8	32.5°	952.3	944.3	985.8	1114.5	1243.1	1451.1	1659.0	1803.8	1948.6	2004.6
918.0	35°	914.3	917.6	952.2	1078.8	1205.4	1439.5	1673.6	1851.1	2028.7	2082.4
870.3	37.5°	874.4	886.6	916.9	1036.9	1156.9	1419.6	1682.3	1904.2	2126.1	2194.5
821.4	40°	830.7	849.4	876.9	986.8	1096.8	1392.3	1687.8	1971.6	2255.3	2355.0
772.0	42.5°	784.3	807.9	833.2	931.6	1030.1	1364.1	1698.2	2059.7	2421.3	2565.1
726.1	45°	738.1	761.0	786.6	873.0	959.3	1337.9	1716.5	2175.7	2634.9	2829.0
686.9	47.5°	697.0	716.6	749.7	826.6	903.4	1316.3	1729.1	2299.3	2869.5	3142.7
651.8	50°	660.7	683.5	727.0	795.7	864.4	1292.7	1720.9	2414.0	3107.0	3518.9
624.9	52.5°	633.7	665.6	715.6	775.4	835.3	1252.8	1670.4	2488.4	3306.4	3914.1
605.4	55°	619.3	667.4	713.9	760.7	807.5	1186.8	1566.0	2472.0	3377.9	4264.4
590.4	57.5°	610.7	669.2	710.2	743.3	776.4	1093.7	1410.9	2356.5	3302.2	4512.7
576.3	60°	602.6	663.5	690.6	716.6	742.6	972.7	1202.9	2141.6	3080.4	4574.7
560.3	62.5°	593.2	649.7	653.0	670.3	687.5	828.0	968.5	1851.0	2733.5	4313.5
538.3	65°	573.3	616.4	616.0	624.1	632.3	697.8	763.4	1554.5	2345.7	3943.8
508.7	67.5°	537.8	562.0	563.1	558.6	554.1	572.7	591.3	1264.1	1936.9	3503.9
472.1	70°	492.8	500.7	500.7	479.7	458.5	453.2	447.9	995.3	1542.7	3023.9
428.4	72.5°	442.6	442.5	437.5	407.6	377.7	361.6	345.5	760.9	1176.3	2503.5
374.8	75°	385.7	387.7	364.5	330.9	297.4	282.9	268.3	552.3	836.2	1907.0
319.9	77.5°	328.7	329.7	291.5	259.0	226.4	216.4	206.5	374.2	541.9	1334.7
256.3	80°	263.7	263.8	218.2	190.7	163.1	159.0	154.9	241.1	327.4	859.9
190.3	82.5°	193.9	191.8	152.8	132.5	112.2	111.4	110.7	148.3	186.0	497.7
123.8	85°	127.7	124.9	95.9	81.0	66.1	66.6	66.9	79.3	91.7	223.9
54.9	87.5°	56.4	52.8	40.8	34.7	28.6	29.0	29.3	32.9	36.4	73.3
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°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1437.1	2.5°	1442.5	1448.0	1455.7	1463.5	1468.1	1472.7	1475.0	1477.3	1476.3	1477.3
1545.3	5°	1564.3	1583.4	1602.2	1621.2	1631.4	1641.7	1647.9	1654.1	1658.8	1654.1
1654.0	7.5°	1684.9	1715.9	1743.7	1771.6	1788.3	1805.1	1814.2	1823.2	1827.6	1823.2
1737.3	10°	1773.9	1810.5	1843.2	1875.9	1895.7	1915.3	1924.2	1932.9	1936.3	1932.9
1788.3	12.5°	1828.0	1867.7	1897.2	1926.6	1941.0	1955.3	1960.2	1965.0	1965.5	1965.0
1819.3	15°	1853.6	1887.8	1906.3	1924.9	1925.4	1925.9	1920.8	1915.6	1909.6	1915.6
1836.8	17.5°	1859.9	1883.0	1883.4	1883.7	1862.9	1842.2	1823.1	1804.1	1790.6	1804.1
1856.0	20°	1864.1	1872.2	1847.8	1823.5	1777.6	1731.8	1698.4	1665.0	1644.5	1665.0
1878.3	22.5°	1867.8	1857.2	1806.7	1756.3	1688.8	1621.4	1579.7	1537.9	1515.3	1537.9
1907.0	25°	1873.7	1840.4	1763.8	1687.2	1605.3	1523.4	1479.5	1435.7	1414.3	1435.7
1946.0	27.5°	1886.4	1826.8	1725.3	1623.9	1533.1	1442.4	1399.2	1356.1	1335.8	1356.1
1998.6	30°	1909.7	1820.9	1696.0	1571.1	1476.5	1381.9	1341.9	1301.8	1283.0	1301.8
2060.6	32.5°	1938.9	1817.3	1676.0	1534.7	1445.8	1356.9	1325.5	1294.0	1280.4	1294.0
2136.0	35°	1987.1	1838.2	1690.9	1543.7	1482.0	1420.3	1413.0	1405.6	1404.5	1405.6
2262.9	37.5°	2087.7	1912.6	1778.7	1644.9	1640.9	1636.9	1670.4	1704.0	1721.4	1704.0
2454.7	40°	2264.2	2073.7	1974.2	1874.6	1944.9	2015.1	2096.7	2178.2	2218.8	2178.2
2709.0	42.5°	2520.0	2331.0	2273.7	2216.3	2369.6	2522.8	2671.1	2819.4	2906.4	2819.4
3023.1	45°	2853.3	2683.5	2658.2	2632.9	2878.3	3123.9	3367.5	3611.3	3759.2	3611.3
3415.9	47.5°	3250.7	3085.5	3080.4	3075.3	3429.4	3783.4	4140.1	4496.8	4706.3	4496.8
3930.7	50°	3726.7	3522.7	3523.6	3524.5	3980.8	4437.2	4908.1	5379.0	5663.7	5379.0
4521.7	52.5°	4274.6	4027.6	4002.7	3977.6	4522.8	5067.9	5650.5	6233.1	6574.4	6233.1
5150.9	55°	4906.8	4662.7	4565.3	4468.0	5074.7	5681.4	6375.9	7070.5	7476.4	7070.5
5723.2	57.5°	5590.2	5457.3	5262.0	5066.7	5679.3	6291.9	7078.6	7865.3	8368.6	7865.3
6069.0	60°	6275.5	6482.0	6239.4	5996.9	6576.6	7156.4	7998.7	8841.0	9384.9	8841.0
5893.4	62.5°	6457.5	7021.6	6994.3	6966.9	7498.0	8029.1	8830.5	9631.8	10134.6	9631.8
5541.9	65°	6071.3	6600.8	6705.5	6810.3	7485.2	8160.1	8937.2	9714.2	10142.3	9714.2
5070.9	67.5°	5574.4	6078.0	6127.1	6176.2	6879.4	7582.6	8363.0	9143.4	9478.8	9143.4
4505.0	70°	5052.7	5600.5	5622.4	5644.4	6273.3	6902.1	7573.7	8245.3	8431.7	8245.3
3830.7	72.5°	4459.3	5087.8	5103.6	5119.4	5611.4	6103.4	6606.4	7109.3	7128.2	7109.3
2977.7	75°	3628.2	4278.8	4337.2	4395.6	4778.4	5161.1	5515.2	5869.3	5774.4	5869.3
2127.5	77.5°	2734.8	3342.1	3425.6	3509.2	3800.2	4091.2	4342.3	4593.5	4430.4	4593.5
1392.5	80°	1903.3	2414.2	2518.1	2622.0	2841.7	3061.4	3193.3	3325.1	3062.8	3325.1
809.4	82.5°	1158.7	1508.0	1624.0	1740.1	1891.4	2042.7	2097.7	2152.7	1946.5	2152.7
356.1	85°	541.5	726.9	825.6	924.3	1048.6	1172.8	1204.1	1235.3	1070.2	1235.3
110.2	87.5°	172.6	234.9	289.9	345.0	407.1	469.3	472.0	474.6	398.4	474.6
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):

325°		330°	335°	340°	345°	350°	355°	360°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1475.0	2.5°	1472.7	1468.1	1463.5	1455.7	1448.0	1442.5	1437.1
1647.9	5°	1641.7	1631.4	1621.2	1602.2	1583.4	1564.3	1545.3
1814.2	7.5°	1805.1	1788.3	1771.6	1743.7	1715.9	1684.9	1654.0
1924.2	10°	1915.3	1895.7	1875.9	1843.2	1810.5	1773.9	1737.3
1960.2	12.5°	1955.3	1941.0	1926.6	1897.2	1867.7	1828.0	1788.3
1920.8	15°	1925.9	1925.4	1924.9	1906.3	1887.8	1853.6	1819.3
1823.1	17.5°	1842.2	1862.9	1883.7	1883.4	1883.0	1859.9	1836.8
1698.4	20°	1731.8	1777.6	1823.5	1847.8	1872.2	1864.1	1856.0
1579.7	22.5°	1621.4	1688.8	1756.3	1806.7	1857.2	1867.8	1878.3
1479.5	25°	1523.4	1605.3	1687.2	1763.8	1840.4	1873.7	1907.0
1399.2	27.5°	1442.4	1533.1	1623.9	1725.3	1826.8	1886.4	1946.0
1341.9	30°	1381.9	1476.5	1571.1	1696.0	1820.9	1909.7	1998.6
1325.5	32.5°	1356.9	1445.8	1534.7	1676.0	1817.3	1938.9	2060.6
1413.0	35°	1420.3	1482.0	1543.7	1690.9	1838.2	1987.1	2136.0
1670.4	37.5°	1636.9	1640.9	1644.9	1778.7	1912.6	2087.7	2262.9
2096.7	40°	2015.1	1944.9	1874.6	1974.2	2073.7	2264.2	2454.7
2671.1	42.5°	2522.8	2369.6	2216.3	2273.7	2331.0	2520.0	2709.0
3367.5	45°	3123.9	2878.3	2632.9	2658.2	2683.5	2853.3	3023.1
4140.1	47.5°	3783.4	3429.4	3075.3	3080.4	3085.5	3250.7	3415.9
4908.1	50°	4437.2	3980.8	3524.5	3523.6	3522.7	3726.7	3930.7
5650.5	52.5°	5067.9	4522.8	3977.6	4002.7	4027.6	4274.6	4521.7
6375.9	55°	5681.4	5074.7	4468.0	4565.3	4662.7	4906.8	5150.9
7078.6	57.5°	6291.9	5679.3	5066.7	5262.0	5457.3	5590.2	5723.2
7998.7	60°	7156.4	6576.6	5996.9	6239.4	6482.0	6275.5	6069.0
8830.5	62.5°	8029.1	7498.0	6966.9	6994.3	7021.6	6457.5	5893.4
8937.2	65°	8160.1	7485.2	6810.3	6705.5	6600.8	6071.3	5541.9
8363.0	67.5°	7582.6	6879.4	6176.2	6127.1	6078.0	5574.4	5070.9
7573.7	70°	6902.1	6273.3	5644.4	5622.4	5600.5	5052.7	4505.0
6606.4	72.5°	6103.4	5611.4	5119.4	5103.6	5087.8	4459.3	3830.7
5515.2	75°	5161.1	4778.4	4395.6	4337.2	4278.8	3628.2	2977.7
4342.3	77.5°	4091.2	3800.2	3509.2	3425.6	3342.1	2734.8	2127.5
3193.3	80°	3061.4	2841.7	2622.0	2518.1	2414.2	1903.3	1392.5
2097.7	82.5°	2042.7	1891.4	1740.1	1624.0	1508.0	1158.7	809.4
1204.1	85°	1172.8	1048.6	924.3	825.6	726.9	541.5	356.1
472.0	87.5°	469.3	407.1	345.0	289.9	234.9	172.6	110.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)