

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: P947299

Luminaire Tested: **GALN-SB2C-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947299
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-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10814 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

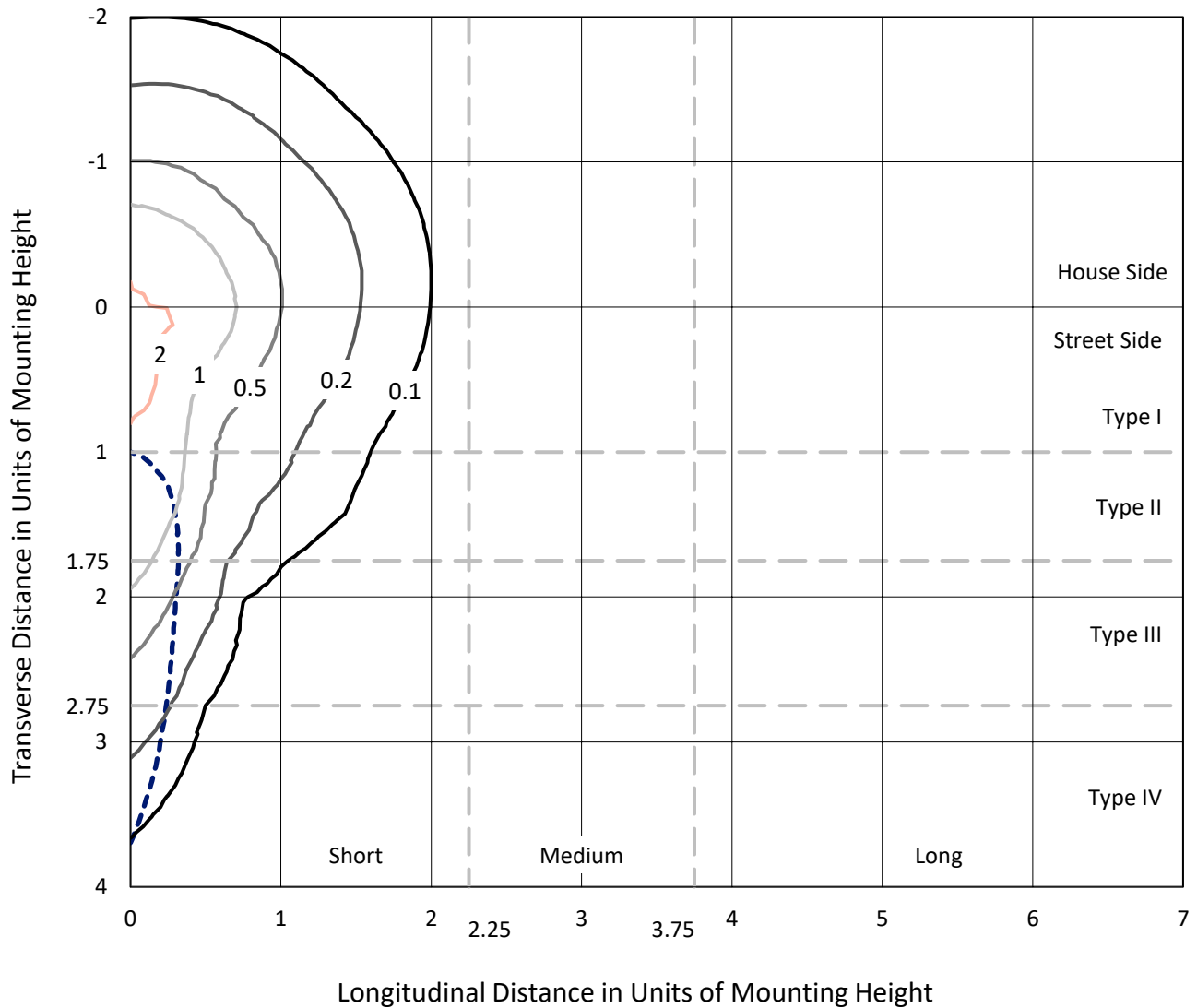
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

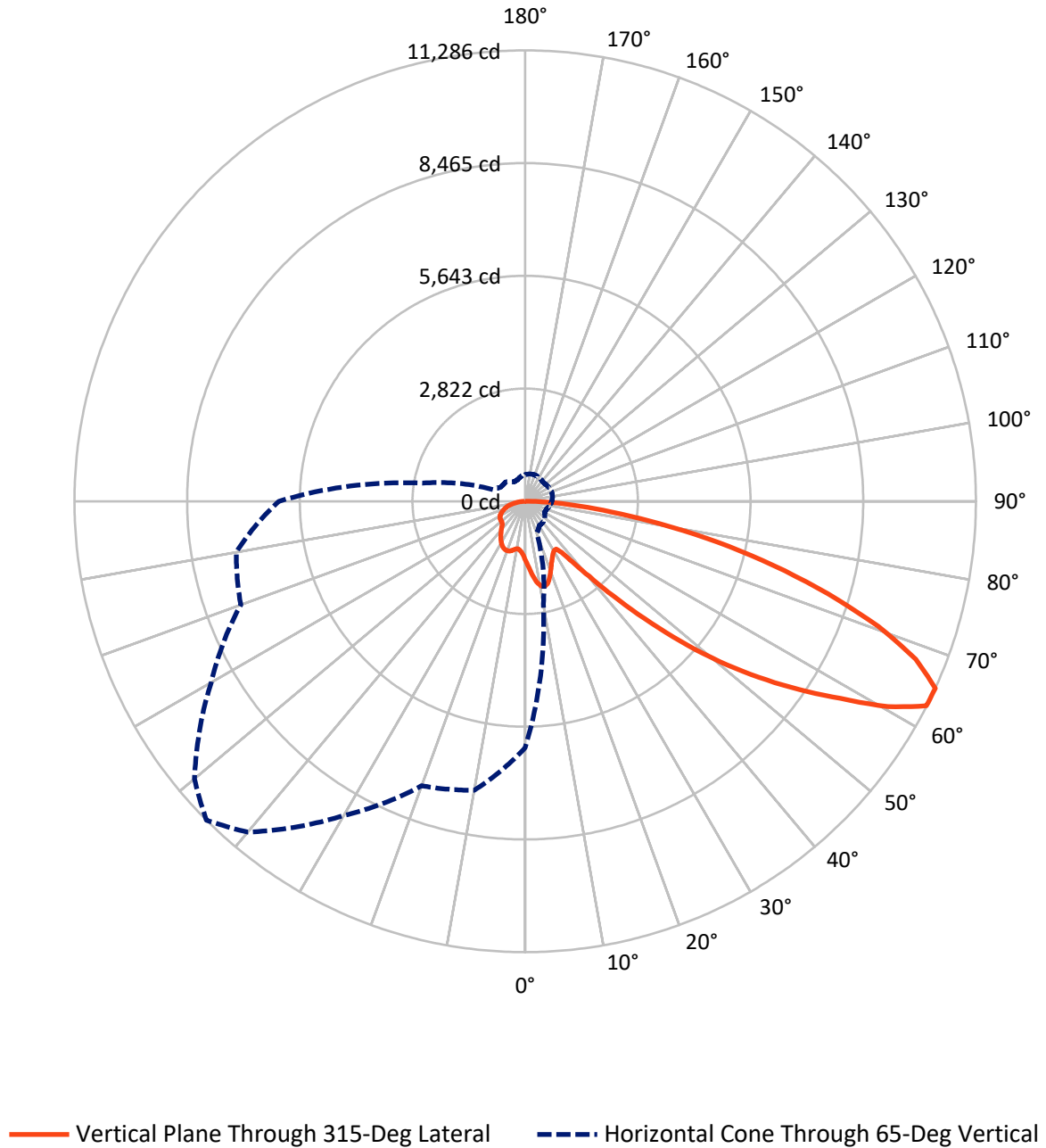
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 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	2748.4	0.0	2748.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	8065.6	0.0	8065.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	10814.0	0.0	10814.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.5	1.4
10°-20°	463.1	4.3
20°-30°	715.3	6.6
30°-40°	906.4	8.4
40°-50°	1367.1	12.6
50°-60°	2208.8	20.4
60°-70°	2753.6	25.5
70°-80°	1805.7	16.7
80°-90°	446.4	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°	10814.0	100.0
0°-180°	10814.0	100.0

Coefficient of Utilization



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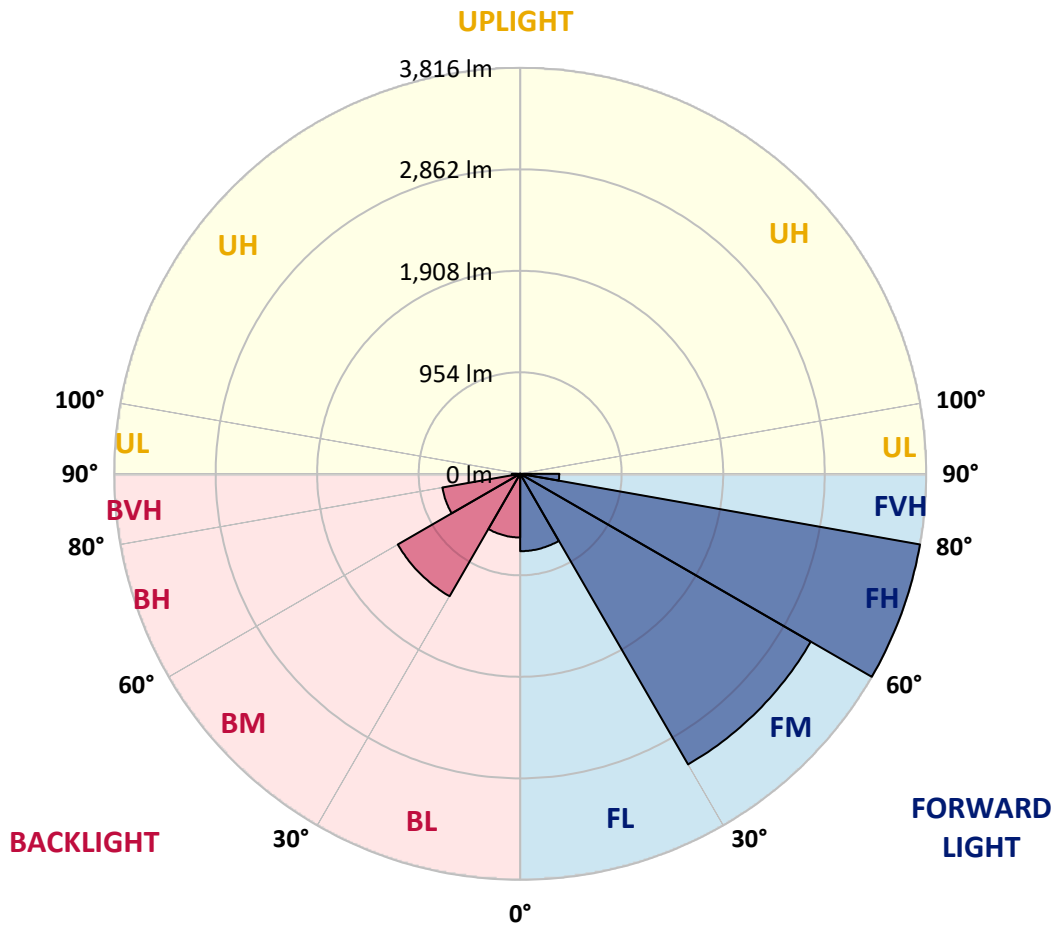
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	727.4	6.7			
FM (30°-60°)	3154.2	29.2			
FH (60°-80°)	3816.3	35.3			G2/5000
FVH (80°-90°)	367.7	3.4			G3/500
BL (0°-30°)	598.5	5.5	B2/1000		
BM (30°-60°)	1328.2	12.3	B2/2500		
BH (60°-80°)	743.0	6.9	B2/1000		G2/1000
BVH (80°-90°)	78.7	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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1599.1	1586.9	1574.6	1561.5	1548.5	1535.4	1522.3	1509.7	1497.2	1485.0
5°	1719.5	1692.4	1665.3	1638.3	1611.3	1584.1	1556.9	1531.5	1506.1	1482.2
7.5°	1840.5	1795.8	1751.1	1709.8	1668.5	1628.2	1588.0	1552.6	1517.1	1484.5
10°	1933.2	1876.7	1820.1	1765.5	1711.0	1662.1	1613.2	1571.4	1529.4	1489.0
12.5°	1990.0	1927.9	1865.8	1803.9	1742.1	1684.5	1626.8	1579.4	1532.0	1489.6
15°	2024.5	1959.8	1895.0	1827.9	1760.8	1694.4	1628.1	1573.2	1518.3	1471.3
17.5°	2043.9	1978.3	1912.6	1839.4	1766.2	1689.1	1612.1	1546.1	1480.1	1424.8
20°	2065.3	1997.1	1928.8	1848.3	1767.9	1674.5	1581.2	1499.3	1417.5	1353.2
22.5°	2090.2	2020.4	1950.6	1860.4	1770.2	1656.6	1543.1	1444.5	1346.0	1272.8
25°	2122.1	2053.8	1985.4	1882.3	1779.2	1638.9	1498.7	1383.3	1267.9	1192.9
27.5°	2165.5	2100.3	2035.1	1916.6	1798.0	1627.1	1456.2	1327.3	1198.4	1130.1
30°	2224.0	2161.0	2098.0	1960.9	1823.8	1621.6	1419.2	1280.5	1141.8	1084.5
32.5°	2293.0	2230.6	2168.3	2007.2	1846.0	1614.7	1383.3	1240.2	1097.0	1050.8
35°	2376.9	2317.2	2257.5	2059.9	1862.4	1601.8	1341.4	1200.5	1059.6	1021.1
37.5°	2518.1	2442.0	2365.9	2119.0	1872.1	1579.7	1287.4	1153.8	1020.3	986.6
40°	2731.5	2620.6	2509.7	2194.0	1878.2	1549.3	1220.5	1098.1	975.7	945.2
42.5°	3014.5	2854.4	2694.3	2292.0	1889.8	1517.9	1146.2	1036.7	927.1	899.0
45°	3364.1	3148.1	2932.1	2421.1	1910.1	1488.8	1067.5	971.4	875.3	846.8
47.5°	3801.1	3497.2	3193.2	2558.6	1924.1	1464.7	1005.3	919.8	834.2	797.4
50°	4374.0	3915.8	3457.5	2686.2	1915.0	1438.5	961.9	885.5	809.0	760.6
52.5°	5031.7	4355.5	3679.3	2769.1	1858.8	1394.1	929.5	862.9	796.3	740.7
55°	5731.8	4745.3	3758.9	2750.8	1742.7	1320.6	898.6	846.5	794.4	742.7
57.5°	6368.6	5021.6	3674.6	2622.3	1570.0	1217.0	863.9	827.1	790.3	744.7
60°	6753.5	5090.7	3427.8	2383.2	1338.5	1082.5	826.4	797.4	768.5	738.4
62.5°	6558.1	4799.9	3041.8	2059.8	1077.8	921.4	765.1	745.8	726.7	723.0
65°	6166.9	4388.6	2610.3	1729.9	849.5	776.5	703.6	694.5	685.4	685.9
67.5°	5642.8	3899.1	2155.3	1406.7	658.0	637.3	616.5	621.6	626.6	625.4
70°	5013.1	3364.9	1716.7	1107.6	498.4	504.4	510.2	533.8	557.2	557.2
72.5°	4262.8	2785.8	1309.0	846.7	384.5	402.3	420.3	453.6	486.8	492.4
75°	3313.6	2122.1	930.6	614.6	298.5	314.8	331.0	368.3	405.6	431.4
77.5°	2367.5	1485.2	603.0	416.4	229.8	240.9	251.9	288.2	324.4	366.9
80°	1549.5	956.9	364.3	268.3	172.3	176.9	181.5	212.2	242.8	293.6
82.5°	900.7	553.8	207.0	165.0	123.1	123.9	124.9	147.4	170.0	213.4
85°	396.3	249.1	102.0	88.2	74.5	74.1	73.6	90.2	106.7	138.9
87.5°	122.7	81.6	40.5	36.6	32.6	32.2	31.8	38.6	45.4	58.8
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°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1471.5	2.5°	1460.5	1449.6	1439.8	1430.0	1421.3	1412.7	1404.1	1395.4	1388.8	1382.0
1458.5	5°	1437.8	1417.1	1399.8	1382.5	1367.2	1351.9	1338.0	1324.1	1313.4	1302.7
1453.8	7.5°	1426.3	1398.9	1376.0	1353.2	1334.0	1314.7	1297.7	1280.7	1268.0	1255.3
1456.1	10°	1427.1	1398.1	1375.3	1352.5	1331.8	1311.0	1291.9	1272.8	1257.6	1242.3
1458.9	12.5°	1435.2	1411.6	1396.4	1381.3	1365.0	1348.8	1329.0	1309.3	1289.9	1270.5
1446.8	15°	1435.4	1424.1	1426.2	1428.2	1424.0	1419.8	1402.6	1385.4	1357.8	1330.2
1409.7	17.5°	1413.9	1418.0	1442.9	1467.7	1481.0	1494.2	1480.3	1466.5	1429.9	1393.3
1349.2	20°	1368.6	1388.0	1431.2	1474.5	1502.1	1529.8	1523.4	1517.0	1475.1	1433.4
1280.6	22.5°	1309.3	1338.0	1387.3	1436.7	1472.7	1508.7	1512.6	1516.4	1476.5	1436.5
1214.0	25°	1247.1	1280.2	1324.5	1368.9	1404.3	1439.8	1453.0	1466.2	1433.4	1400.7
1155.8	27.5°	1187.7	1219.7	1256.1	1292.6	1321.0	1349.4	1364.1	1378.9	1355.5	1332.3
1104.6	30°	1129.9	1155.4	1185.6	1215.9	1239.4	1263.1	1275.0	1287.0	1269.3	1251.5
1059.7	32.5°	1074.8	1089.8	1113.9	1138.1	1160.7	1183.3	1196.6	1210.0	1193.7	1177.3
1017.4	35°	1021.5	1025.7	1044.1	1062.5	1084.8	1107.3	1123.3	1139.2	1127.6	1116.0
973.0	37.5°	968.4	963.9	977.1	990.3	1012.6	1035.0	1054.7	1074.5	1069.1	1063.7
924.4	40°	914.1	903.7	913.3	922.8	944.4	965.9	988.6	1011.4	1012.7	1014.0
872.8	42.5°	859.1	845.4	853.1	860.9	881.4	901.9	926.4	950.9	957.5	964.1
821.4	45°	808.0	794.8	801.3	807.9	827.3	846.7	872.1	897.6	907.0	916.4
775.6	47.5°	764.4	753.2	759.4	765.5	784.5	803.4	828.5	853.6	864.5	875.3
735.2	50°	725.3	715.4	725.0	734.7	752.6	770.4	792.9	815.4	829.3	843.3
705.2	52.5°	695.3	685.6	700.0	714.4	730.8	747.2	768.2	789.2	805.6	822.1
689.2	55°	673.7	658.2	678.7	699.1	716.8	734.5	752.9	771.2	788.6	806.2
679.6	57.5°	657.0	634.4	656.4	678.5	699.2	720.0	738.1	756.3	774.0	791.6
670.6	60°	641.3	612.0	631.3	650.6	674.5	698.3	716.7	735.2	752.9	770.6
660.1	62.5°	623.5	586.9	599.1	611.4	639.2	667.0	686.7	706.4	722.6	738.8
637.9	65°	599.0	560.1	564.8	569.5	599.3	629.1	647.9	666.8	681.0	695.3
598.5	67.5°	566.0	533.6	532.2	530.7	558.2	585.7	603.6	621.4	633.7	646.0
548.4	70°	525.3	502.3	497.1	492.0	516.2	540.4	555.8	571.2	582.3	593.4
492.6	72.5°	476.7	460.9	453.4	445.9	465.0	484.0	497.9	511.8	522.7	533.6
429.2	75°	417.1	404.9	397.7	390.4	404.6	418.7	431.3	443.9	453.9	463.8
365.8	77.5°	356.0	346.2	338.9	331.6	343.2	354.6	365.5	376.3	386.8	397.1
293.4	80°	285.2	277.0	270.9	264.8	274.4	283.9	293.0	302.1	310.1	317.9
215.8	82.5°	211.8	207.8	203.5	199.1	198.3	197.5	194.4	191.2	208.0	224.9
142.1	85°	137.8	133.5	128.7	123.8	119.7	115.5	106.7	97.9	113.7	129.5
62.8	87.5°	61.1	59.3	58.4	57.5	57.3	57.2	50.4	43.7	50.3	56.9
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1376.6	2.5°	1371.2	1367.0	1362.7	1358.9	1354.9	1350.1	1354.9	1358.9	1362.7	1367.0
1295.2	5°	1287.8	1282.5	1277.1	1273.1	1269.0	1265.0	1269.0	1273.1	1277.1	1282.5
1246.4	7.5°	1237.5	1231.4	1225.4	1221.7	1218.1	1215.4	1218.1	1221.7	1225.4	1231.4
1232.4	10°	1222.4	1216.6	1210.8	1207.8	1204.7	1203.4	1204.7	1207.8	1210.8	1216.6
1257.6	12.5°	1244.8	1238.3	1232.0	1229.3	1226.7	1226.2	1226.7	1229.3	1232.0	1238.3
1310.7	15°	1291.2	1282.2	1273.3	1269.9	1266.5	1266.2	1266.5	1269.9	1273.3	1282.2
1364.6	17.5°	1335.8	1322.6	1309.3	1304.9	1300.5	1299.9	1300.5	1304.9	1309.3	1322.6
1398.1	20°	1362.9	1346.0	1329.0	1323.5	1318.1	1316.4	1318.1	1323.5	1329.0	1346.0
1400.2	22.5°	1363.9	1346.0	1328.1	1322.1	1316.1	1313.6	1316.1	1322.1	1328.1	1346.0
1368.4	25°	1336.3	1320.7	1305.3	1299.6	1294.0	1290.7	1294.0	1299.6	1305.3	1320.7
1307.2	27.5°	1282.2	1271.8	1261.3	1258.8	1256.2	1255.3	1256.2	1258.8	1261.3	1271.8
1233.6	30°	1215.5	1210.2	1204.8	1204.8	1204.8	1205.7	1204.8	1204.8	1204.8	1210.2
1163.0	32.5°	1148.6	1145.2	1141.7	1142.1	1142.7	1143.5	1142.7	1142.1	1141.7	1145.2
1102.8	35°	1089.6	1084.3	1079.0	1077.9	1076.7	1076.2	1076.7	1077.9	1079.0	1084.3
1051.6	37.5°	1039.4	1029.7	1020.1	1015.1	1010.0	1007.1	1010.0	1015.1	1020.1	1029.7
1003.7	40°	993.3	979.3	965.4	955.9	946.5	940.9	946.5	955.9	965.4	979.3
955.3	42.5°	946.6	929.2	911.8	898.1	884.3	875.3	884.3	898.1	911.8	929.2
908.5	45°	900.7	880.8	860.9	844.8	828.6	818.3	828.6	844.8	860.9	880.8
869.8	47.5°	864.4	846.7	829.0	814.0	799.1	789.2	799.1	814.0	829.0	846.7
842.9	50°	842.7	828.5	814.4	800.6	786.8	777.2	786.8	800.6	814.4	828.5
825.1	52.5°	828.1	816.5	805.0	792.6	780.3	771.5	780.3	792.6	805.0	816.5
810.3	55°	814.4	804.3	794.3	783.5	772.6	764.6	772.6	783.5	794.3	804.3
795.7	57.5°	799.9	789.7	779.6	768.8	758.1	749.8	758.1	768.8	779.6	789.7
775.2	60°	779.7	769.8	759.9	748.9	737.8	729.2	737.8	748.9	759.9	769.8
743.2	62.5°	747.6	738.7	729.7	718.1	706.4	696.1	706.4	718.1	729.7	738.7
699.8	65°	704.3	695.6	687.0	675.7	664.5	655.6	664.5	675.7	687.0	695.6
650.4	67.5°	654.8	646.8	639.0	628.5	618.0	610.0	618.0	628.5	639.0	646.8
597.7	70°	601.9	595.4	589.0	578.9	568.9	559.8	568.9	578.9	589.0	595.4
538.7	72.5°	543.7	538.3	533.0	523.4	513.8	505.0	513.8	523.4	533.0	538.3
469.0	75°	474.3	471.7	469.0	461.0	453.0	444.5	453.0	461.0	469.0	471.7
402.1	77.5°	407.0	403.3	399.5	391.4	383.3	376.6	383.3	391.4	399.5	403.3
324.5	80°	331.0	329.4	327.8	316.9	306.0	293.3	306.0	316.9	327.8	329.4
236.0	82.5°	247.1	246.4	245.6	236.5	227.2	219.1	227.2	236.5	245.6	246.4
143.2	85°	156.9	155.8	154.6	147.4	140.3	133.0	140.3	147.4	154.6	155.8
62.5	87.5°	68.0	66.6	65.2	61.5	57.7	54.2	57.7	61.5	65.2	66.6
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1371.2	2.5°	1376.6	1382.0	1388.8	1395.4	1404.1	1412.7	1421.3	1430.0	1439.8	1449.6
1287.8	5°	1295.2	1302.7	1313.4	1324.1	1338.0	1351.9	1367.2	1382.5	1399.8	1417.1
1237.5	7.5°	1246.4	1255.3	1268.0	1280.7	1297.7	1314.7	1334.0	1353.2	1376.0	1398.9
1222.4	10°	1232.4	1242.3	1257.6	1272.8	1291.9	1311.0	1331.8	1352.5	1375.3	1398.1
1244.8	12.5°	1257.6	1270.5	1289.9	1309.3	1329.0	1348.8	1365.0	1381.3	1396.4	1411.6
1291.2	15°	1310.7	1330.2	1357.8	1385.4	1402.6	1419.8	1424.0	1428.2	1426.2	1424.1
1335.8	17.5°	1364.6	1393.3	1429.9	1466.5	1480.3	1494.2	1481.0	1467.7	1442.9	1418.0
1362.9	20°	1398.1	1433.4	1475.1	1517.0	1523.4	1529.8	1502.1	1474.5	1431.2	1388.0
1363.9	22.5°	1400.2	1436.5	1476.5	1516.4	1512.6	1508.7	1472.7	1436.7	1387.3	1338.0
1336.3	25°	1368.4	1400.7	1433.4	1466.2	1453.0	1439.8	1404.3	1368.9	1324.5	1280.2
1282.2	27.5°	1307.2	1332.3	1355.5	1378.9	1364.1	1349.4	1321.0	1292.6	1256.1	1219.7
1215.5	30°	1233.6	1251.5	1269.3	1287.0	1275.0	1263.1	1239.4	1215.9	1185.6	1155.4
1148.6	32.5°	1163.0	1177.3	1193.7	1210.0	1196.6	1183.3	1160.7	1138.1	1113.9	1089.8
1089.6	35°	1102.8	1116.0	1127.6	1139.2	1123.3	1107.3	1084.8	1062.5	1044.1	1025.7
1039.4	37.5°	1051.6	1063.7	1069.1	1074.5	1054.7	1035.0	1012.6	990.3	977.1	963.9
993.3	40°	1003.7	1014.0	1012.7	1011.4	988.6	965.9	944.4	922.8	913.3	903.7
946.6	42.5°	955.3	964.1	957.5	950.9	926.4	901.9	881.4	860.9	853.1	845.4
900.7	45°	908.5	916.4	907.0	897.6	872.1	846.7	827.3	807.9	801.3	794.8
864.4	47.5°	869.8	875.3	864.5	853.6	828.5	803.4	784.5	765.5	759.4	753.2
842.7	50°	842.9	843.3	829.3	815.4	792.9	770.4	752.6	734.7	725.0	715.4
828.1	52.5°	825.1	822.1	805.6	789.2	768.2	747.2	730.8	714.4	700.0	685.6
814.4	55°	810.3	806.2	788.6	771.2	752.9	734.5	716.8	699.1	678.7	658.2
799.9	57.5°	795.7	791.6	774.0	756.3	738.1	720.0	699.2	678.5	656.4	634.4
779.7	60°	775.2	770.6	752.9	735.2	716.7	698.3	674.5	650.6	631.3	612.0
747.6	62.5°	743.2	738.8	722.6	706.4	686.7	667.0	639.2	611.4	599.1	586.9
704.3	65°	699.8	695.3	681.0	666.8	647.9	629.1	599.3	569.5	564.8	560.1
654.8	67.5°	650.4	646.0	633.7	621.4	603.6	585.7	558.2	530.7	532.2	533.6
601.9	70°	597.7	593.4	582.3	571.2	555.8	540.4	516.2	492.0	497.1	502.3
543.7	72.5°	538.7	533.6	522.7	511.8	497.9	484.0	465.0	445.9	453.4	460.9
474.3	75°	469.0	463.8	453.9	443.9	431.3	418.7	404.6	390.4	397.7	404.9
407.0	77.5°	402.1	397.1	386.8	376.3	365.5	354.6	343.2	331.6	338.9	346.2
331.0	80°	324.5	317.9	310.1	302.1	293.0	283.9	274.4	264.8	270.9	277.0
247.1	82.5°	236.0	224.9	208.0	191.2	194.4	197.5	198.3	199.1	203.5	207.8
156.9	85°	143.2	129.5	113.7	97.9	106.7	115.5	119.7	123.8	128.7	133.5
68.0	87.5°	62.5	56.9	50.3	43.7	50.4	57.2	57.3	57.5	58.4	59.3
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°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1460.5	2.5°	1471.5	1485.0	1497.2	1509.7	1522.3	1535.4	1548.5	1561.5	1574.6	1586.9
1437.8	5°	1458.5	1482.2	1506.1	1531.5	1556.9	1584.1	1611.3	1638.3	1665.3	1692.4
1426.3	7.5°	1453.8	1484.5	1517.1	1552.6	1588.0	1628.2	1668.5	1709.8	1751.1	1795.8
1427.1	10°	1456.1	1489.0	1529.4	1571.4	1613.2	1662.1	1711.0	1765.5	1820.1	1876.7
1435.2	12.5°	1458.9	1489.6	1532.0	1579.4	1626.8	1684.5	1742.1	1803.9	1865.8	1927.9
1435.4	15°	1446.8	1471.3	1518.3	1573.2	1628.1	1694.4	1760.8	1827.9	1895.0	1959.8
1413.9	17.5°	1409.7	1424.8	1480.1	1546.1	1612.1	1689.1	1766.2	1839.4	1912.6	1978.3
1368.6	20°	1349.2	1353.2	1417.5	1499.3	1581.2	1674.5	1767.9	1848.3	1928.8	1997.1
1309.3	22.5°	1280.6	1272.8	1346.0	1444.5	1543.1	1656.6	1770.2	1860.4	1950.6	2020.4
1247.1	25°	1214.0	1192.9	1267.9	1383.3	1498.7	1638.9	1779.2	1882.3	1985.4	2053.8
1187.7	27.5°	1155.8	1130.1	1198.4	1327.3	1456.2	1627.1	1798.0	1916.6	2035.1	2100.3
1129.9	30°	1104.6	1084.5	1141.8	1280.5	1419.2	1621.6	1823.8	1960.9	2098.0	2161.0
1074.8	32.5°	1059.7	1050.8	1097.0	1240.2	1383.3	1614.7	1846.0	2007.2	2168.3	2230.6
1021.5	35°	1017.4	1021.1	1059.6	1200.5	1341.4	1601.8	1862.4	2059.9	2257.5	2317.2
968.4	37.5°	973.0	986.6	1020.3	1153.8	1287.4	1579.7	1872.1	2119.0	2365.9	2442.0
914.1	40°	924.4	945.2	975.7	1098.1	1220.5	1549.3	1878.2	2194.0	2509.7	2620.6
859.1	42.5°	872.8	899.0	927.1	1036.7	1146.2	1517.9	1889.8	2292.0	2694.3	2854.4
808.0	45°	821.4	846.8	875.3	971.4	1067.5	1488.8	1910.1	2421.1	2932.1	3148.1
764.4	47.5°	775.6	797.4	834.2	919.8	1005.3	1464.7	1924.1	2558.6	3193.2	3497.2
725.3	50°	735.2	760.6	809.0	885.5	961.9	1438.5	1915.0	2686.2	3457.5	3915.8
695.3	52.5°	705.2	740.7	796.3	862.9	929.5	1394.1	1858.8	2769.1	3679.3	4355.5
673.7	55°	689.2	742.7	794.4	846.5	898.6	1320.6	1742.7	2750.8	3758.9	4745.3
657.0	57.5°	679.6	744.7	790.3	827.1	863.9	1217.0	1570.0	2622.3	3674.6	5021.6
641.3	60°	670.6	738.4	768.5	797.4	826.4	1082.5	1338.5	2383.2	3427.8	5090.7
623.5	62.5°	660.1	723.0	726.7	745.8	765.1	921.4	1077.8	2059.8	3041.8	4799.9
599.0	65°	637.9	685.9	685.4	694.5	703.6	776.5	849.5	1729.9	2610.3	4388.6
566.0	67.5°	598.5	625.4	626.6	621.6	616.5	637.3	658.0	1406.7	2155.3	3899.1
525.3	70°	548.4	557.2	557.2	533.8	510.2	504.4	498.4	1107.6	1716.7	3364.9
476.7	72.5°	492.6	492.4	486.8	453.6	420.3	402.3	384.5	846.7	1309.0	2785.8
417.1	75°	429.2	431.4	405.6	368.3	331.0	314.8	298.5	614.6	930.6	2122.1
356.0	77.5°	365.8	366.9	324.4	288.2	251.9	240.9	229.8	416.4	603.0	1485.2
285.2	80°	293.4	293.6	242.8	212.2	181.5	176.9	172.3	268.3	364.3	956.9
211.8	82.5°	215.8	213.4	170.0	147.4	124.9	123.9	123.1	165.0	207.0	553.8
137.8	85°	142.1	138.9	106.7	90.2	73.6	74.1	74.5	88.2	102.0	249.1
61.1	87.5°	62.8	58.8	45.4	38.6	31.8	32.2	32.6	36.6	40.5	81.6
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°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1599.1	2.5°	1605.2	1611.3	1619.9	1628.5	1633.7	1638.8	1641.4	1643.9	1642.8	1643.9
1719.5	5°	1740.7	1761.9	1782.9	1804.0	1815.4	1826.8	1833.7	1840.7	1845.9	1840.7
1840.5	7.5°	1875.0	1909.4	1940.4	1971.4	1990.0	2008.7	2018.8	2028.8	2033.7	2028.8
1933.2	10°	1974.0	2014.7	2051.1	2087.4	2109.4	2131.4	2141.2	2150.9	2154.6	2150.9
1990.0	12.5°	2034.2	2078.3	2111.2	2143.9	2159.9	2175.9	2181.2	2186.6	2187.2	2186.6
2024.5	15°	2062.7	2100.7	2121.3	2142.0	2142.5	2143.1	2137.4	2131.7	2125.0	2131.7
2043.9	17.5°	2069.7	2095.4	2095.8	2096.1	2073.0	2049.9	2028.8	2007.5	1992.6	2007.5
2065.3	20°	2074.3	2083.3	2056.2	2029.1	1978.1	1927.1	1889.9	1852.8	1830.0	1852.8
2090.2	22.5°	2078.4	2066.6	2010.5	1954.4	1879.3	1804.3	1757.8	1711.4	1686.2	1711.4
2122.1	25°	2085.0	2047.9	1962.7	1877.4	1786.3	1695.2	1646.3	1597.6	1573.8	1597.6
2165.5	27.5°	2099.2	2032.8	1919.9	1807.0	1706.0	1605.0	1557.0	1509.0	1486.4	1509.0
2224.0	30°	2125.1	2026.2	1887.2	1748.2	1643.0	1537.8	1493.2	1448.7	1427.7	1448.7
2293.0	32.5°	2157.6	2022.3	1865.0	1707.7	1608.8	1510.0	1475.0	1439.9	1424.8	1439.9
2376.9	35°	2211.2	2045.5	1881.7	1717.8	1649.1	1580.5	1572.3	1564.2	1562.9	1564.2
2518.1	37.5°	2323.2	2128.3	1979.3	1830.4	1826.0	1821.5	1858.8	1896.1	1915.5	1896.1
2731.5	40°	2519.5	2307.6	2196.8	2086.0	2164.2	2242.4	2333.1	2423.9	2469.0	2423.9
3014.5	42.5°	2804.2	2593.9	2530.1	2466.3	2636.8	2807.3	2972.3	3137.3	3234.2	3137.3
3364.1	45°	3175.1	2986.1	2958.0	2929.8	3203.0	3476.2	3747.3	4018.5	4183.2	4018.5
3801.1	47.5°	3617.3	3433.5	3427.8	3422.1	3816.1	4210.1	4607.1	5004.0	5237.1	5004.0
4374.0	50°	4147.0	3920.0	3921.0	3921.9	4429.8	4937.6	5461.6	5985.6	6302.4	5985.6
5031.7	52.5°	4756.7	4481.9	4454.1	4426.2	5032.9	5639.5	6287.8	6936.1	7315.8	6936.1
5731.8	55°	5460.2	5188.6	5080.2	4971.9	5647.0	6322.1	7095.0	7867.9	8319.5	7867.9
6368.6	57.5°	6220.7	6072.8	5855.4	5638.1	6319.8	7001.5	7877.0	8752.4	9312.4	8752.4
6753.5	60°	6983.2	7213.0	6943.1	6673.2	7318.3	7963.5	8900.8	9838.1	10443.4	9838.1
6558.1	62.5°	7185.8	7813.5	7783.1	7752.6	8343.6	8934.7	9826.4	10718.1	11277.6	10718.1
6166.9	65°	6756.1	7345.2	7461.8	7578.3	8329.4	9080.5	9945.2	10809.8	11286.2	10809.8
5642.8	67.5°	6203.1	6763.5	6818.1	6872.8	7655.3	8437.8	9306.2	10174.6	10547.8	10174.6
5013.1	70°	5622.6	6232.1	6256.5	6281.0	6980.8	7680.6	8427.9	9175.2	9382.6	9175.2
4262.8	72.5°	4962.2	5661.6	5679.2	5696.7	6244.2	6791.7	7351.4	7911.1	7932.1	7911.1
3313.6	75°	4037.4	4761.3	4826.3	4891.3	5317.3	5743.2	6137.2	6531.2	6425.7	6531.2
2367.5	77.5°	3043.2	3719.0	3812.0	3905.0	4228.8	4552.6	4832.1	5111.6	4930.1	5111.6
1549.5	80°	2118.0	2686.4	2802.1	2917.7	3162.2	3406.7	3553.4	3700.1	3408.3	3700.1
900.7	82.5°	1289.4	1678.1	1807.2	1936.4	2104.7	2273.0	2334.3	2395.4	2166.0	2395.4
396.3	85°	602.6	808.8	918.7	1028.5	1166.8	1305.1	1339.9	1374.6	1190.9	1374.6
122.7	87.5°	192.0	261.3	322.6	383.9	453.1	522.2	525.2	528.1	443.4	528.1
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):

325°		330°	335°	340°	345°	350°	355°	360°
1487.0	0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
1641.4	2.5°	1638.8	1633.7	1628.5	1619.9	1611.3	1605.2	1599.1
1833.7	5°	1826.8	1815.4	1804.0	1782.9	1761.9	1740.7	1719.5
2018.8	7.5°	2008.7	1990.0	1971.4	1940.4	1909.4	1875.0	1840.5
2141.2	10°	2131.4	2109.4	2087.4	2051.1	2014.7	1974.0	1933.2
2181.2	12.5°	2175.9	2159.9	2143.9	2111.2	2078.3	2034.2	1990.0
2137.4	15°	2143.1	2142.5	2142.0	2121.3	2100.7	2062.7	2024.5
2028.8	17.5°	2049.9	2073.0	2096.1	2095.8	2095.4	2069.7	2043.9
1889.9	20°	1927.1	1978.1	2029.1	2056.2	2083.3	2074.3	2065.3
1757.8	22.5°	1804.3	1879.3	1954.4	2010.5	2066.6	2078.4	2090.2
1646.3	25°	1695.2	1786.3	1877.4	1962.7	2047.9	2085.0	2122.1
1557.0	27.5°	1605.0	1706.0	1807.0	1919.9	2032.8	2099.2	2165.5
1493.2	30°	1537.8	1643.0	1748.2	1887.2	2026.2	2125.1	2224.0
1475.0	32.5°	1510.0	1608.8	1707.7	1865.0	2022.3	2157.6	2293.0
1572.3	35°	1580.5	1649.1	1717.8	1881.7	2045.5	2211.2	2376.9
1858.8	37.5°	1821.5	1826.0	1830.4	1979.3	2128.3	2323.2	2518.1
2333.1	40°	2242.4	2164.2	2086.0	2196.8	2307.6	2519.5	2731.5
2972.3	42.5°	2807.3	2636.8	2466.3	2530.1	2593.9	2804.2	3014.5
3747.3	45°	3476.2	3203.0	2929.8	2958.0	2986.1	3175.1	3364.1
4607.1	47.5°	4210.1	3816.1	3422.1	3427.8	3433.5	3617.3	3801.1
5461.6	50°	4937.6	4429.8	3921.9	3921.0	3920.0	4147.0	4374.0
6287.8	52.5°	5639.5	5032.9	4426.2	4454.1	4481.9	4756.7	5031.7
7095.0	55°	6322.1	5647.0	4971.9	5080.2	5188.6	5460.2	5731.8
7877.0	57.5°	7001.5	6319.8	5638.1	5855.4	6072.8	6220.7	6368.6
8900.8	60°	7963.5	7318.3	6673.2	6943.1	7213.0	6983.2	6753.5
9826.4	62.5°	8934.7	8343.6	7752.6	7783.1	7813.5	7185.8	6558.1
9945.2	65°	9080.5	8329.4	7578.3	7461.8	7345.2	6756.1	6166.9
9306.2	67.5°	8437.8	7655.3	6872.8	6818.1	6763.5	6203.1	5642.8
8427.9	70°	7680.6	6980.8	6281.0	6256.5	6232.1	5622.6	5013.1
7351.4	72.5°	6791.7	6244.2	5696.7	5679.2	5661.6	4962.2	4262.8
6137.2	75°	5743.2	5317.3	4891.3	4826.3	4761.3	4037.4	3313.6
4832.1	77.5°	4552.6	4228.8	3905.0	3812.0	3719.0	3043.2	2367.5
3553.4	80°	3406.7	3162.2	2917.7	2802.1	2686.4	2118.0	1549.5
2334.3	82.5°	2273.0	2104.7	1936.4	1807.2	1678.1	1289.4	900.7
1339.9	85°	1305.1	1166.8	1028.5	918.7	808.8	602.6	396.3
525.2	87.5°	522.2	453.1	383.9	322.6	261.3	192.0	122.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)