

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: P946690

Luminaire Tested: **GALN-SB2B-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946690
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB2B-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11221 lumens
Efficiency: N/A
Efficacy: 151.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

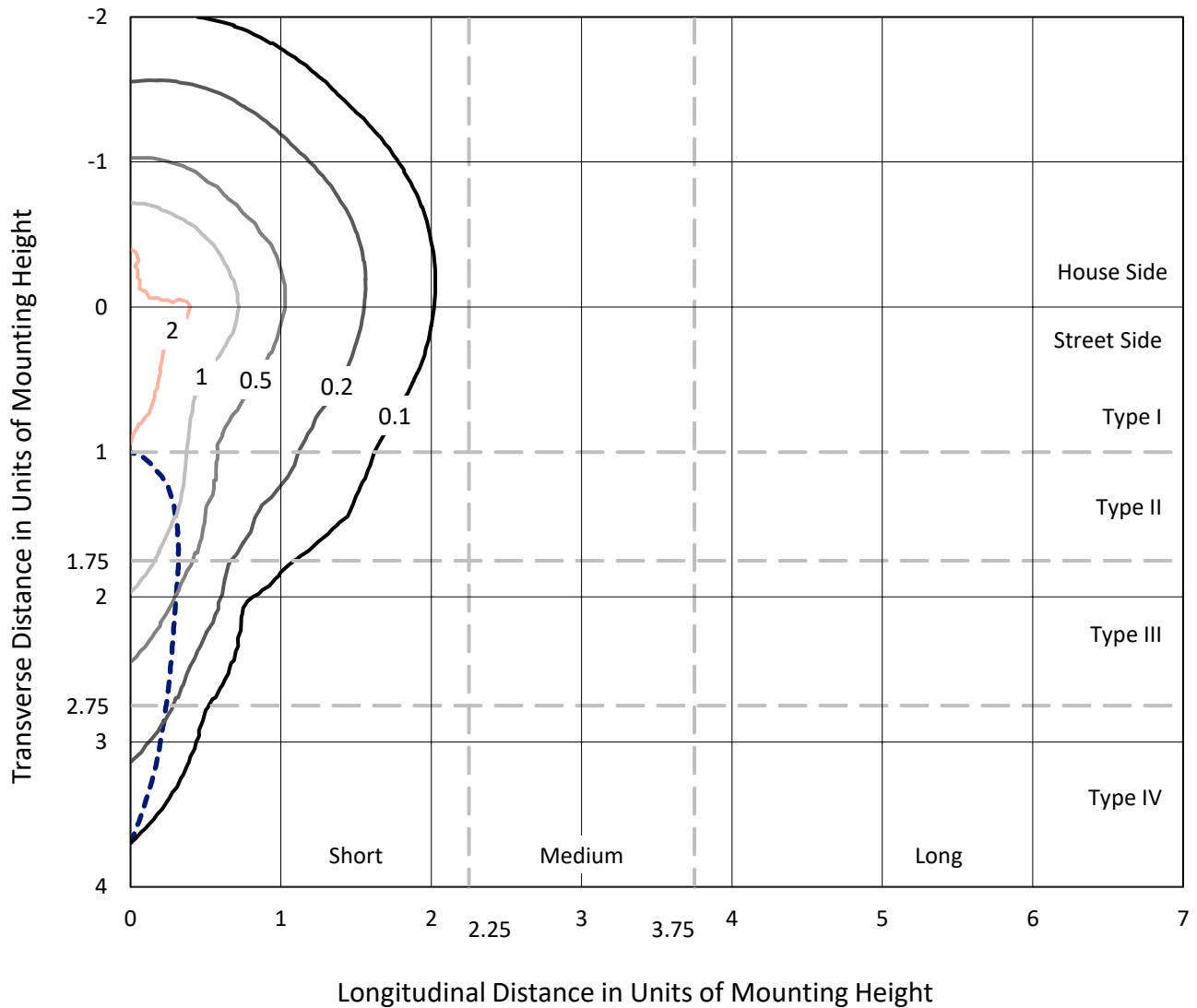
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

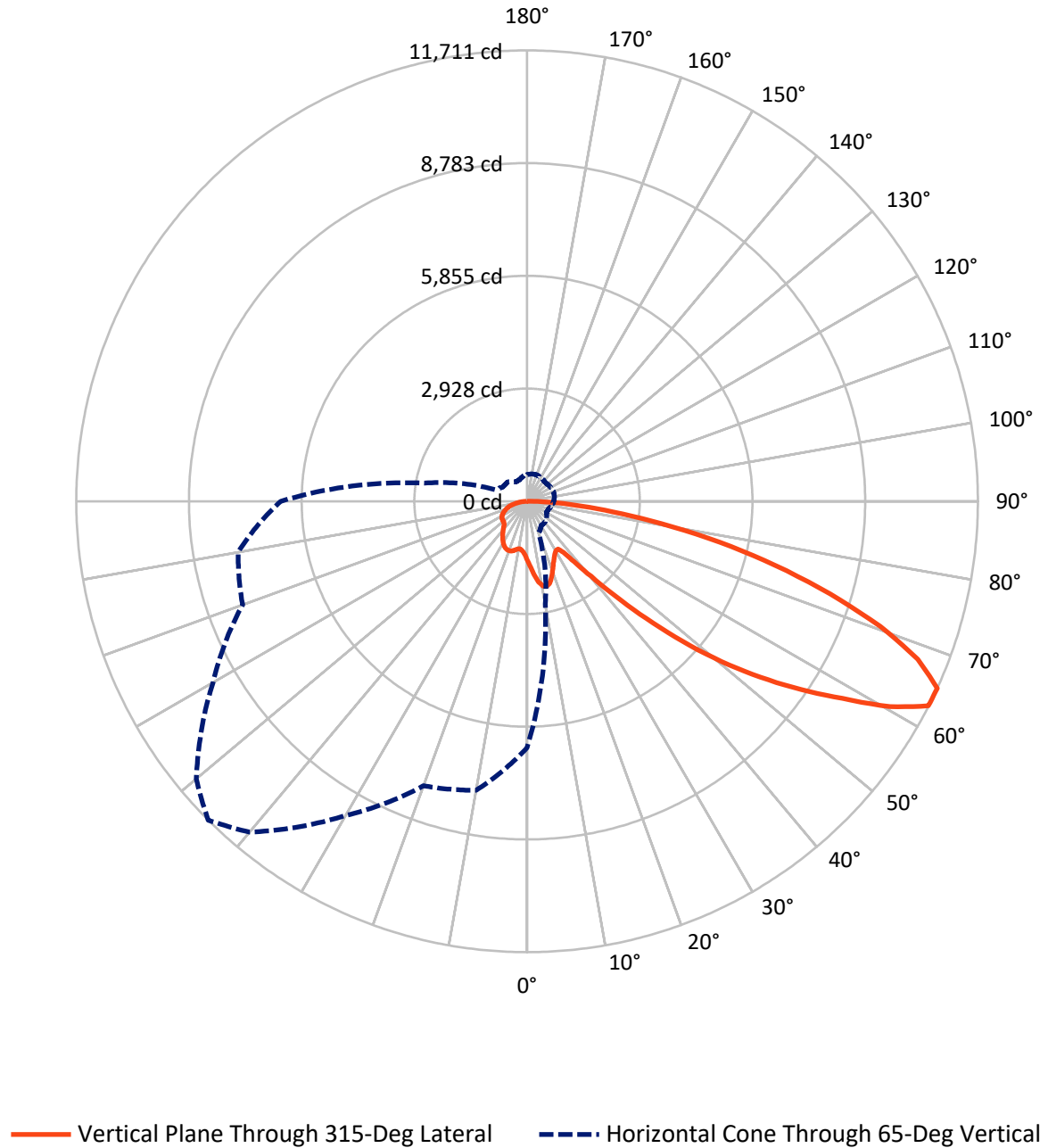
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 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	2851.8	0.0	2851.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	8369.2	0.0	8369.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	11221.0	0.0	11221.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.1	1.4
10°-20°	480.5	4.3
20°-30°	742.2	6.6
30°-40°	940.6	8.4
40°-50°	1418.6	12.6
50°-60°	2291.9	20.4
60°-70°	2857.3	25.5
70°-80°	1873.7	16.7
80°-90°	463.2	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°	11221.0	100.0
0°-180°	11221.0	100.0

Coefficient of Utilization



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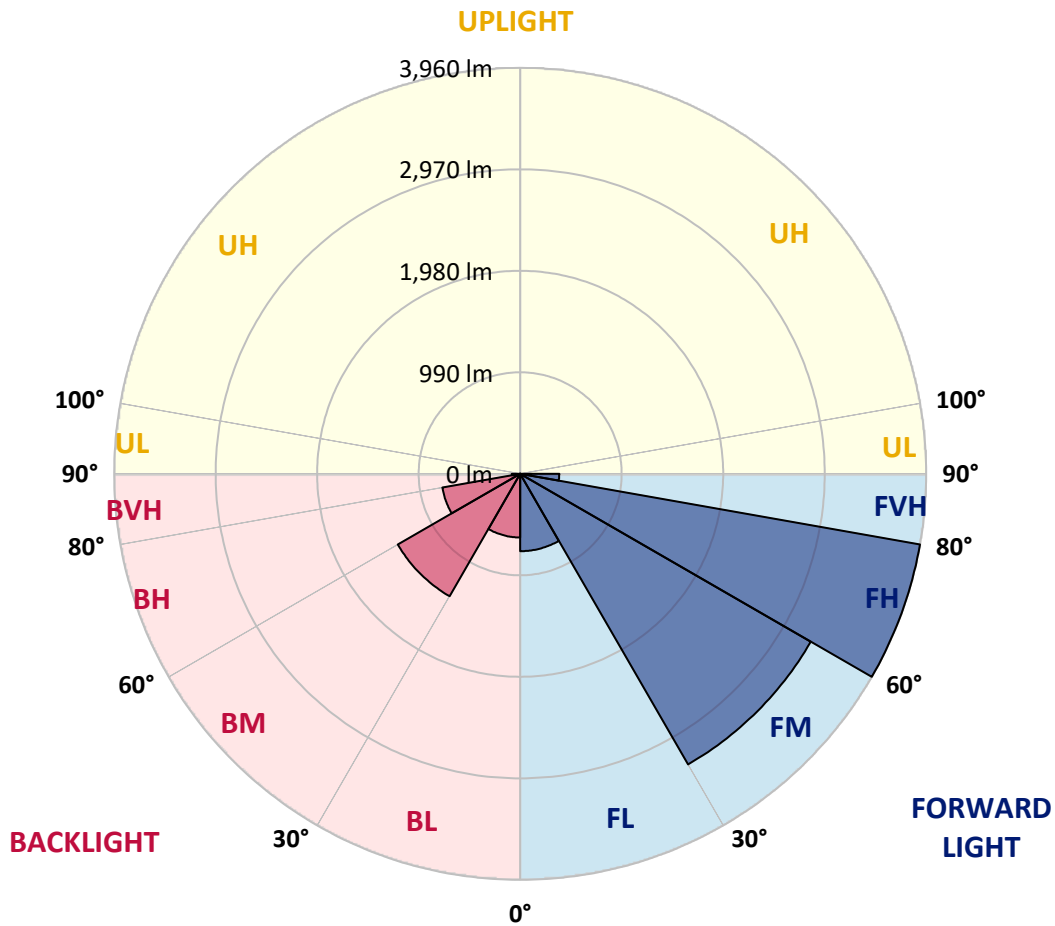
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	754.7	6.7			
FM (30°-60°)	3272.9	29.2			
FH (60°-80°)	3959.9	35.3			G2/5000
FVH (80°-90°)	381.6	3.4			G3/500
BL (0°-30°)	621.0	5.5	B2/1000		
BM (30°-60°)	1378.2	12.3	B2/2500		
BH (60°-80°)	771.0	6.9	B2/1000		G2/1000
BVH (80°-90°)	81.6	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°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
2.5°	1659.3	1646.6	1633.9	1620.3	1606.8	1593.2	1579.6	1566.5	1553.5	1540.9
5°	1784.3	1756.1	1728.0	1699.9	1671.9	1643.7	1615.5	1589.2	1562.8	1538.0
7.5°	1909.8	1863.4	1817.0	1774.1	1731.3	1689.5	1647.8	1611.0	1574.2	1540.3
10°	2006.0	1947.3	1888.6	1832.0	1775.4	1724.7	1674.0	1630.5	1586.9	1545.1
12.5°	2064.9	2000.4	1936.0	1871.8	1807.6	1747.8	1688.0	1638.8	1589.6	1545.6
15°	2100.7	2033.5	1966.3	1896.7	1827.1	1758.2	1689.3	1632.4	1575.4	1526.7
17.5°	2120.9	2052.7	1984.6	1908.6	1832.6	1752.7	1672.8	1604.3	1535.8	1478.4
20°	2143.1	2072.3	2001.4	1917.9	1834.4	1737.5	1640.7	1555.8	1470.9	1404.1
22.5°	2168.8	2096.5	2024.1	1930.4	1836.8	1719.0	1601.1	1498.9	1396.6	1320.7
25°	2202.0	2131.0	2060.2	1953.2	1846.1	1700.6	1555.1	1435.3	1315.6	1237.8
27.5°	2247.0	2179.4	2111.7	1988.7	1865.7	1688.3	1511.0	1377.3	1243.5	1172.6
30°	2307.7	2242.3	2177.0	2034.7	1892.4	1682.6	1472.6	1328.7	1184.8	1125.3
32.5°	2379.3	2314.6	2249.9	2082.7	1915.5	1675.5	1435.3	1286.8	1138.3	1090.3
35°	2466.3	2404.4	2342.4	2137.4	1932.5	1662.1	1391.9	1245.7	1099.5	1059.5
37.5°	2612.9	2533.9	2454.9	2198.7	1942.5	1639.2	1335.9	1197.3	1058.7	1023.7
40°	2834.3	2719.2	2604.1	2276.5	1948.9	1607.6	1266.5	1139.5	1012.5	980.8
42.5°	3128.0	2961.9	2795.7	2378.3	1960.9	1575.1	1189.4	1075.7	962.0	932.8
45°	3490.7	3266.6	3042.4	2512.2	1982.0	1544.8	1107.7	1008.0	908.3	878.7
47.5°	3944.2	3628.8	3313.3	2654.9	1996.5	1519.8	1043.1	954.4	865.6	827.4
50°	4538.7	4063.2	3587.6	2787.3	1987.1	1492.6	998.1	918.8	839.5	789.3
52.5°	5221.0	4519.4	3817.8	2873.3	1928.7	1446.6	964.5	895.4	826.3	768.5
55°	5947.5	4923.9	3900.4	2854.3	1808.2	1370.3	932.4	878.4	824.3	770.6
57.5°	6608.3	5210.6	3812.9	2721.0	1629.1	1262.8	896.4	858.2	820.0	772.7
60°	7007.7	5282.3	3556.8	2472.9	1388.9	1123.2	857.5	827.4	797.4	766.2
62.5°	6804.9	4980.6	3156.3	2137.3	1118.3	956.1	793.9	773.9	754.0	750.2
65°	6399.0	4553.8	2708.5	1795.0	881.5	805.8	730.0	720.6	711.2	711.7
67.5°	5855.2	4045.8	2236.4	1459.6	682.8	661.3	639.8	645.0	650.2	648.9
70°	5201.8	3491.5	1781.3	1149.2	517.2	523.3	529.4	553.8	578.2	578.2
72.5°	4423.2	2890.7	1358.3	878.6	398.9	417.5	436.1	470.7	505.2	511.0
75°	3438.3	2201.9	965.6	637.7	309.8	326.6	343.4	382.1	420.9	447.6
77.5°	2456.6	1541.1	625.7	432.1	238.5	249.9	261.4	299.0	336.6	380.7
80°	1607.8	992.9	378.0	278.4	178.8	183.5	188.3	220.1	251.9	304.6
82.5°	934.6	574.7	214.8	171.2	127.8	128.6	129.5	153.0	176.4	221.4
85°	411.2	258.5	105.9	91.5	77.3	76.9	76.4	93.6	110.7	144.2
87.5°	127.3	84.7	42.0	38.0	33.9	33.5	33.0	40.0	47.1	61.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1526.9	2.5°	1515.5	1504.2	1494.0	1483.8	1474.8	1465.9	1456.9	1448.0	1441.0	1434.0
1513.4	5°	1491.9	1470.5	1452.5	1434.5	1418.6	1402.8	1388.4	1373.9	1362.9	1351.7
1508.5	7.5°	1480.0	1451.5	1427.8	1404.1	1384.2	1364.2	1346.5	1328.9	1315.7	1302.6
1510.9	10°	1480.8	1450.7	1427.1	1403.4	1381.9	1360.3	1340.5	1320.7	1304.9	1289.1
1513.9	12.5°	1489.2	1464.7	1449.0	1433.3	1416.4	1399.6	1379.0	1358.5	1338.4	1318.3
1501.2	15°	1489.5	1477.7	1479.9	1482.0	1477.6	1473.2	1455.4	1437.6	1408.9	1380.3
1462.8	17.5°	1467.1	1471.3	1497.2	1523.0	1536.7	1550.4	1536.0	1521.7	1483.7	1445.8
1400.0	20°	1420.1	1440.3	1485.1	1530.0	1558.7	1587.4	1580.8	1574.1	1530.7	1487.3
1328.8	22.5°	1358.5	1388.3	1439.5	1490.8	1528.1	1565.5	1569.5	1573.5	1532.0	1490.6
1259.7	25°	1294.0	1328.4	1374.4	1420.4	1457.2	1494.0	1507.7	1521.4	1487.4	1453.5
1199.3	27.5°	1232.4	1265.6	1303.4	1341.2	1370.7	1400.2	1415.4	1430.8	1406.6	1382.4
1146.2	30°	1172.5	1198.9	1230.2	1261.6	1286.1	1310.6	1323.0	1335.5	1317.0	1298.6
1099.6	32.5°	1115.2	1130.8	1155.8	1180.9	1204.4	1227.9	1241.7	1255.5	1238.6	1221.6
1055.7	35°	1060.0	1064.3	1083.4	1102.5	1125.7	1148.9	1165.5	1182.1	1170.0	1158.0
1009.6	37.5°	1004.9	1000.2	1013.9	1027.6	1050.7	1073.9	1094.4	1114.9	1109.3	1103.8
959.2	40°	948.5	937.8	947.6	957.5	979.9	1002.3	1025.9	1049.5	1050.8	1052.1
905.6	42.5°	891.4	877.2	885.2	893.3	914.5	935.8	961.3	986.7	993.5	1000.3
852.3	45°	838.5	824.7	831.4	838.3	858.4	878.5	904.9	931.4	941.1	950.9
804.8	47.5°	793.2	781.6	788.0	794.3	814.0	833.7	859.7	885.8	897.0	908.3
762.9	50°	752.6	742.4	752.3	762.3	780.9	799.4	822.8	846.1	860.5	875.0
731.7	52.5°	721.5	711.4	726.4	741.3	758.3	775.3	797.1	818.9	836.0	853.1
715.1	55°	699.0	683.0	704.2	725.4	743.8	762.1	781.2	800.2	818.3	836.5
705.2	57.5°	681.7	658.3	681.1	704.0	725.5	747.1	765.9	784.8	803.1	821.3
695.8	60°	665.4	635.0	655.1	675.1	699.8	724.6	743.7	762.9	781.3	799.6
684.9	62.5°	646.9	609.0	621.7	634.4	663.3	692.2	712.6	733.0	749.8	766.6
662.0	65°	621.6	581.1	586.0	590.9	621.8	652.8	672.3	691.9	706.7	721.5
621.0	67.5°	587.4	553.7	552.2	550.6	579.2	607.8	626.3	644.8	657.6	670.4
569.0	70°	545.1	521.2	515.8	510.5	535.6	560.7	576.7	592.7	604.2	615.8
511.1	72.5°	494.7	478.3	470.5	462.7	482.5	502.2	516.7	531.1	542.4	553.7
445.4	75°	432.8	420.1	412.6	405.1	419.8	434.5	447.6	460.6	470.9	481.3
379.5	77.5°	369.4	359.3	351.7	344.1	356.1	368.0	379.2	390.5	401.3	412.1
304.5	80°	296.0	287.5	281.1	274.7	284.7	294.6	304.0	313.5	321.7	329.9
223.9	82.5°	219.8	215.6	211.1	206.6	205.8	205.0	201.7	198.3	215.9	233.4
147.4	85°	143.0	138.5	133.5	128.5	124.2	119.9	110.7	101.5	117.9	134.4
65.1	87.5°	63.4	61.6	60.6	59.7	59.5	59.3	52.3	45.3	52.2	59.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1428.4	2.5°	1422.8	1418.4	1414.0	1410.0	1405.9	1400.9	1405.9	1410.0	1414.0	1418.4
1344.0	5°	1336.2	1330.7	1325.2	1321.0	1316.8	1312.7	1316.8	1321.0	1325.2	1330.7
1293.4	7.5°	1284.1	1277.8	1271.5	1267.7	1264.0	1261.1	1264.0	1267.7	1271.5	1277.8
1278.8	10°	1268.4	1262.4	1256.4	1253.2	1250.0	1248.7	1250.0	1253.2	1256.4	1262.4
1305.0	12.5°	1291.6	1285.0	1278.3	1275.6	1272.9	1272.4	1272.9	1275.6	1278.3	1285.0
1360.0	15°	1339.8	1330.5	1321.2	1317.7	1314.1	1313.8	1314.1	1317.7	1321.2	1330.5
1415.9	17.5°	1386.1	1372.3	1358.5	1354.0	1349.5	1348.8	1349.5	1354.0	1358.5	1372.3
1450.7	20°	1414.2	1396.6	1379.0	1373.4	1367.7	1365.9	1367.7	1373.4	1379.0	1396.6
1452.9	22.5°	1415.2	1396.7	1378.1	1371.9	1365.7	1363.0	1365.7	1371.9	1378.1	1396.7
1419.9	25°	1386.6	1370.4	1354.4	1348.5	1342.7	1339.3	1342.7	1348.5	1354.4	1370.4
1356.4	27.5°	1330.4	1319.6	1308.8	1306.1	1303.5	1302.6	1303.5	1306.1	1308.8	1319.6
1280.0	30°	1261.3	1255.8	1250.2	1250.2	1250.2	1251.1	1250.2	1250.2	1250.2	1255.8
1206.7	32.5°	1191.9	1188.3	1184.7	1185.1	1185.7	1186.5	1185.7	1185.1	1184.7	1188.3
1144.3	35°	1130.6	1125.1	1119.6	1118.5	1117.3	1116.7	1117.3	1118.5	1119.6	1125.1
1091.2	37.5°	1078.5	1068.5	1058.5	1053.3	1048.0	1045.0	1048.0	1053.3	1058.5	1068.5
1041.4	40°	1030.7	1016.1	1001.7	991.9	982.2	976.4	982.2	991.9	1001.7	1016.1
991.3	42.5°	982.3	964.2	946.2	931.9	917.6	908.3	917.6	931.9	946.2	964.2
942.7	45°	934.6	913.9	893.3	876.6	859.8	849.1	859.8	876.6	893.3	913.9
902.6	47.5°	896.9	878.5	860.2	844.7	829.2	818.9	829.2	844.7	860.2	878.5
874.6	50°	874.4	859.7	845.0	830.7	816.4	806.4	816.4	830.7	845.0	859.7
856.2	52.5°	859.2	847.3	835.3	822.5	809.7	800.5	809.7	822.5	835.3	847.3
840.8	55°	845.0	834.6	824.2	812.9	801.7	793.4	801.7	812.9	824.2	834.6
825.7	57.5°	830.0	819.5	808.9	797.8	786.6	778.0	786.6	797.8	808.9	819.5
804.4	60°	809.1	798.8	788.5	777.1	765.6	756.7	765.6	777.1	788.5	798.8
771.2	62.5°	775.8	766.5	757.2	745.1	733.0	722.3	733.0	745.1	757.2	766.5
726.1	65°	730.8	721.8	712.9	701.2	689.5	680.3	689.5	701.2	712.9	721.8
674.9	67.5°	679.4	671.2	663.0	652.1	641.2	632.9	641.2	652.1	663.0	671.2
620.2	70°	624.5	617.8	611.2	600.7	590.3	580.8	590.3	600.7	611.2	617.8
558.9	72.5°	564.1	558.6	553.0	543.1	533.2	524.0	533.2	543.1	553.0	558.6
486.7	75°	492.1	489.4	486.7	478.3	470.0	461.2	470.0	478.3	486.7	489.4
417.2	77.5°	422.3	418.5	414.6	406.2	397.8	390.8	397.8	406.2	414.6	418.5
336.7	80°	343.4	341.8	340.2	328.8	317.5	304.3	317.5	328.8	340.2	341.8
244.9	82.5°	256.4	255.7	254.9	245.4	235.8	227.4	235.8	245.4	254.9	255.7
148.6	85°	162.8	161.6	160.5	153.0	145.5	138.0	145.5	153.0	160.5	161.6
64.8	87.5°	70.6	69.2	67.6	63.8	59.9	56.2	59.9	63.8	67.6	69.2
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°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1422.8	2.5°	1428.4	1434.0	1441.0	1448.0	1456.9	1465.9	1474.8	1483.8	1494.0	1504.2
1336.2	5°	1344.0	1351.7	1362.9	1373.9	1388.4	1402.8	1418.6	1434.5	1452.5	1470.5
1284.1	7.5°	1293.4	1302.6	1315.7	1328.9	1346.5	1364.2	1384.2	1404.1	1427.8	1451.5
1268.4	10°	1278.8	1289.1	1304.9	1320.7	1340.5	1360.3	1381.9	1403.4	1427.1	1450.7
1291.6	12.5°	1305.0	1318.3	1338.4	1358.5	1379.0	1399.6	1416.4	1433.3	1449.0	1464.7
1339.8	15°	1360.0	1380.3	1408.9	1437.6	1455.4	1473.2	1477.6	1482.0	1479.9	1477.7
1386.1	17.5°	1415.9	1445.8	1483.7	1521.7	1536.0	1550.4	1536.7	1523.0	1497.2	1471.3
1414.2	20°	1450.7	1487.3	1530.7	1574.1	1580.8	1587.4	1558.7	1530.0	1485.1	1440.3
1415.2	22.5°	1452.9	1490.6	1532.0	1573.5	1569.5	1565.5	1528.1	1490.8	1439.5	1388.3
1386.6	25°	1419.9	1453.5	1487.4	1521.4	1507.7	1494.0	1457.2	1420.4	1374.4	1328.4
1330.4	27.5°	1356.4	1382.4	1406.6	1430.8	1415.4	1400.2	1370.7	1341.2	1303.4	1265.6
1261.3	30°	1280.0	1298.6	1317.0	1335.5	1323.0	1310.6	1286.1	1261.6	1230.2	1198.9
1191.9	32.5°	1206.7	1221.6	1238.6	1255.5	1241.7	1227.9	1204.4	1180.9	1155.8	1130.8
1130.6	35°	1144.3	1158.0	1170.0	1182.1	1165.5	1148.9	1125.7	1102.5	1083.4	1064.3
1078.5	37.5°	1091.2	1103.8	1109.3	1114.9	1094.4	1073.9	1050.7	1027.6	1013.9	1000.2
1030.7	40°	1041.4	1052.1	1050.8	1049.5	1025.9	1002.3	979.9	957.5	947.6	937.8
982.3	42.5°	991.3	1000.3	993.5	986.7	961.3	935.8	914.5	893.3	885.2	877.2
934.6	45°	942.7	950.9	941.1	931.4	904.9	878.5	858.4	838.3	831.4	824.7
896.9	47.5°	902.6	908.3	897.0	885.8	859.7	833.7	814.0	794.3	788.0	781.6
874.4	50°	874.6	875.0	860.5	846.1	822.8	799.4	780.9	762.3	752.3	742.4
859.2	52.5°	856.2	853.1	836.0	818.9	797.1	775.3	758.3	741.3	726.4	711.4
845.0	55°	840.8	836.5	818.3	800.2	781.2	762.1	743.8	725.4	704.2	683.0
830.0	57.5°	825.7	821.3	803.1	784.8	765.9	747.1	725.5	704.0	681.1	658.3
809.1	60°	804.4	799.6	781.3	762.9	743.7	724.6	699.8	675.1	655.1	635.0
775.8	62.5°	771.2	766.6	749.8	733.0	712.6	692.2	663.3	634.4	621.7	609.0
730.8	65°	726.1	721.5	706.7	691.9	672.3	652.8	621.8	590.9	586.0	581.1
679.4	67.5°	674.9	670.4	657.6	644.8	626.3	607.8	579.2	550.6	552.2	553.7
624.5	70°	620.2	615.8	604.2	592.7	576.7	560.7	535.6	510.5	515.8	521.2
564.1	72.5°	558.9	553.7	542.4	531.1	516.7	502.2	482.5	462.7	470.5	478.3
492.1	75°	486.7	481.3	470.9	460.6	447.6	434.5	419.8	405.1	412.6	420.1
422.3	77.5°	417.2	412.1	401.3	390.5	379.2	368.0	356.1	344.1	351.7	359.3
343.4	80°	336.7	329.9	321.7	313.5	304.0	294.6	284.7	274.7	281.1	287.5
256.4	82.5°	244.9	233.4	215.9	198.3	201.7	205.0	205.8	206.6	211.1	215.6
162.8	85°	148.6	134.4	117.9	101.5	110.7	119.9	124.2	128.5	133.5	138.5
70.6	87.5°	64.8	59.1	52.2	45.3	52.3	59.3	59.5	59.7	60.6	61.6
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1515.5	2.5°	1526.9	1540.9	1553.5	1566.5	1579.6	1593.2	1606.8	1620.3	1633.9	1646.6
1491.9	5°	1513.4	1538.0	1562.8	1589.2	1615.5	1643.7	1671.9	1699.9	1728.0	1756.1
1480.0	7.5°	1508.5	1540.3	1574.2	1611.0	1647.8	1689.5	1731.3	1774.1	1817.0	1863.4
1480.8	10°	1510.9	1545.1	1586.9	1630.5	1674.0	1724.7	1775.4	1832.0	1888.6	1947.3
1489.2	12.5°	1513.9	1545.6	1589.6	1638.8	1688.0	1747.8	1807.6	1871.8	1936.0	2000.4
1489.5	15°	1501.2	1526.7	1575.4	1632.4	1689.3	1758.2	1827.1	1896.7	1966.3	2033.5
1467.1	17.5°	1462.8	1478.4	1535.8	1604.3	1672.8	1752.7	1832.6	1908.6	1984.6	2052.7
1420.1	20°	1400.0	1404.1	1470.9	1555.8	1640.7	1737.5	1834.4	1917.9	2001.4	2072.3
1358.5	22.5°	1328.8	1320.7	1396.6	1498.9	1601.1	1719.0	1836.8	1930.4	2024.1	2096.5
1294.0	25°	1259.7	1237.8	1315.6	1435.3	1555.1	1700.6	1846.1	1953.2	2060.2	2131.0
1232.4	27.5°	1199.3	1172.6	1243.5	1377.3	1511.0	1688.3	1865.7	1988.7	2111.7	2179.4
1172.5	30°	1146.2	1125.3	1184.8	1328.7	1472.6	1682.6	1892.4	2034.7	2177.0	2242.3
1115.2	32.5°	1099.6	1090.3	1138.3	1286.8	1435.3	1675.5	1915.5	2082.7	2249.9	2314.6
1060.0	35°	1055.7	1059.5	1099.5	1245.7	1391.9	1662.1	1932.5	2137.4	2342.4	2404.4
1004.9	37.5°	1009.6	1023.7	1058.7	1197.3	1335.9	1639.2	1942.5	2198.7	2454.9	2533.9
948.5	40°	959.2	980.8	1012.5	1139.5	1266.5	1607.6	1948.9	2276.5	2604.1	2719.2
891.4	42.5°	905.6	932.8	962.0	1075.7	1189.4	1575.1	1960.9	2378.3	2795.7	2961.9
838.5	45°	852.3	878.7	908.3	1008.0	1107.7	1544.8	1982.0	2512.2	3042.4	3266.6
793.2	47.5°	804.8	827.4	865.6	954.4	1043.1	1519.8	1996.5	2654.9	3313.3	3628.8
752.6	50°	762.9	789.3	839.5	918.8	998.1	1492.6	1987.1	2787.3	3587.6	4063.2
721.5	52.5°	731.7	768.5	826.3	895.4	964.5	1446.6	1928.7	2873.3	3817.8	4519.4
699.0	55°	715.1	770.6	824.3	878.4	932.4	1370.3	1808.2	2854.3	3900.4	4923.9
681.7	57.5°	705.2	772.7	820.0	858.2	896.4	1262.8	1629.1	2721.0	3812.9	5210.6
665.4	60°	695.8	766.2	797.4	827.4	857.5	1123.2	1388.9	2472.9	3556.8	5282.3
646.9	62.5°	684.9	750.2	754.0	773.9	793.9	956.1	1118.3	2137.3	3156.3	4980.6
621.6	65°	662.0	711.7	711.2	720.6	730.0	805.8	881.5	1795.0	2708.5	4553.8
587.4	67.5°	621.0	648.9	650.2	645.0	639.8	661.3	682.8	1459.6	2236.4	4045.8
545.1	70°	569.0	578.2	578.2	553.8	529.4	523.3	517.2	1149.2	1781.3	3491.5
494.7	72.5°	511.1	511.0	505.2	470.7	436.1	417.5	398.9	878.6	1358.3	2890.7
432.8	75°	445.4	447.6	420.9	382.1	343.4	326.6	309.8	637.7	965.6	2201.9
369.4	77.5°	379.5	380.7	336.6	299.0	261.4	249.9	238.5	432.1	625.7	1541.1
296.0	80°	304.5	304.6	251.9	220.1	188.3	183.5	178.8	278.4	378.0	992.9
219.8	82.5°	223.9	221.4	176.4	153.0	129.5	128.6	127.8	171.2	214.8	574.7
143.0	85°	147.4	144.2	110.7	93.6	76.4	76.9	77.3	91.5	105.9	258.5
63.4	87.5°	65.1	61.0	47.1	40.0	33.0	33.5	33.9	38.0	42.0	84.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1659.3	2.5°	1665.6	1671.9	1680.9	1689.8	1695.2	1700.5	1703.1	1705.8	1704.6	1705.8
1784.3	5°	1806.2	1828.3	1850.0	1871.9	1883.7	1895.6	1902.7	1910.0	1915.4	1910.0
1909.8	7.5°	1945.5	1981.2	2013.4	2045.5	2064.9	2084.3	2094.8	2105.2	2110.2	2105.2
2006.0	10°	2048.3	2090.5	2128.3	2166.0	2188.8	2211.6	2221.8	2231.9	2235.7	2231.9
2064.9	12.5°	2110.7	2156.5	2190.6	2224.6	2241.2	2257.8	2263.3	2268.9	2269.5	2268.9
2100.7	15°	2140.3	2179.8	2201.2	2222.6	2223.2	2223.8	2217.8	2211.9	2204.9	2211.9
2120.9	17.5°	2147.6	2174.3	2174.7	2175.0	2151.1	2127.1	2105.1	2083.1	2067.6	2083.1
2143.1	20°	2152.4	2161.7	2133.6	2105.5	2052.5	1999.6	1961.1	1922.5	1898.8	1922.5
2168.8	22.5°	2156.6	2144.4	2086.2	2027.9	1950.0	1872.2	1824.0	1775.8	1749.6	1775.8
2202.0	25°	2163.5	2125.0	2036.5	1948.1	1853.5	1759.0	1708.3	1657.7	1633.0	1657.7
2247.0	27.5°	2178.2	2109.3	1992.1	1875.0	1770.2	1665.4	1615.6	1565.8	1542.4	1565.8
2307.7	30°	2205.1	2102.5	1958.3	1814.0	1704.9	1595.7	1549.4	1503.2	1481.4	1503.2
2379.3	32.5°	2238.8	2098.4	1935.2	1772.0	1669.4	1566.8	1530.5	1494.1	1478.4	1494.1
2466.3	35°	2294.4	2122.5	1952.5	1782.5	1711.2	1640.0	1631.5	1623.0	1621.7	1623.0
2612.9	37.5°	2410.6	2208.4	2053.8	1899.3	1894.7	1890.1	1928.8	1967.5	1987.6	1967.5
2834.3	40°	2614.4	2394.4	2279.5	2164.6	2245.7	2326.8	2420.9	2515.1	2562.0	2515.1
3128.0	42.5°	2909.8	2691.5	2625.3	2559.1	2736.0	2913.0	3084.2	3255.4	3356.0	3255.4
3490.7	45°	3294.6	3098.5	3069.3	3040.1	3323.5	3607.0	3888.4	4169.8	4340.6	4169.8
3944.2	47.5°	3753.5	3562.7	3556.8	3550.9	3959.8	4368.6	4780.5	5192.3	5434.2	5192.3
4538.7	50°	4303.1	4067.5	4068.5	4069.5	4596.5	5123.5	5667.2	6210.9	6539.6	6210.9
5221.0	52.5°	4935.8	4650.6	4621.7	4592.8	5222.3	5851.7	6524.5	7197.1	7591.2	7197.1
5947.5	55°	5665.7	5383.9	5271.4	5159.0	5859.6	6560.1	7362.0	8164.0	8632.7	8164.0
6608.3	57.5°	6454.8	6301.3	6075.8	5850.3	6557.7	7265.1	8173.4	9081.8	9662.9	9081.8
7007.7	60°	7246.0	7484.5	7204.4	6924.4	7593.8	8263.2	9235.8	10208.3	10836.4	10208.3
6804.9	62.5°	7456.2	8107.6	8076.0	8044.4	8657.6	9270.9	10196.2	11121.5	11702.0	11121.5
6399.0	65°	7010.3	7621.7	7742.6	7863.5	8642.8	9422.2	10319.5	11216.7	11710.9	11216.7
5855.2	67.5°	6436.6	7018.0	7074.8	7131.4	7943.4	8755.3	9656.4	10557.5	10944.8	10557.5
5201.8	70°	5834.2	6466.7	6492.0	6517.4	7243.6	7969.6	8745.1	9520.5	9735.7	9520.5
4423.2	72.5°	5148.9	5874.7	5892.9	5911.1	6479.2	7047.3	7628.1	8208.8	8230.6	8208.8
3438.3	75°	4189.4	4940.5	5007.9	5075.4	5517.4	5959.4	6368.2	6777.1	6667.5	6777.1
2456.6	77.5°	3157.7	3858.9	3955.5	4052.0	4388.0	4724.0	5013.9	5303.9	5115.6	5303.9
1607.8	80°	2197.7	2787.6	2907.5	3027.5	3281.2	3534.9	3687.2	3839.4	3536.5	3839.4
934.6	82.5°	1337.9	1741.2	1875.2	2009.3	2183.9	2358.6	2422.1	2485.6	2247.6	2485.6
411.2	85°	625.2	839.3	953.3	1067.2	1210.8	1354.2	1390.3	1426.3	1235.7	1426.3
127.3	87.5°	199.2	271.2	334.8	398.4	470.1	541.9	545.0	548.0	460.1	548.0
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°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1703.1	2.5°	1700.5	1695.2	1689.8	1680.9	1671.9	1665.6	1659.3
1902.7	5°	1895.6	1883.7	1871.9	1850.0	1828.3	1806.2	1784.3
2094.8	7.5°	2084.3	2064.9	2045.5	2013.4	1981.2	1945.5	1909.8
2221.8	10°	2211.6	2188.8	2166.0	2128.3	2090.5	2048.3	2006.0
2263.3	12.5°	2257.8	2241.2	2224.6	2190.6	2156.5	2110.7	2064.9
2217.8	15°	2223.8	2223.2	2222.6	2201.2	2179.8	2140.3	2100.7
2105.1	17.5°	2127.1	2151.1	2175.0	2174.7	2174.3	2147.6	2120.9
1961.1	20°	1999.6	2052.5	2105.5	2133.6	2161.7	2152.4	2143.1
1824.0	22.5°	1872.2	1950.0	2027.9	2086.2	2144.4	2156.6	2168.8
1708.3	25°	1759.0	1853.5	1948.1	2036.5	2125.0	2163.5	2202.0
1615.6	27.5°	1665.4	1770.2	1875.0	1992.1	2109.3	2178.2	2247.0
1549.4	30°	1595.7	1704.9	1814.0	1958.3	2102.5	2205.1	2307.7
1530.5	32.5°	1566.8	1669.4	1772.0	1935.2	2098.4	2238.8	2379.3
1631.5	35°	1640.0	1711.2	1782.5	1952.5	2122.5	2294.4	2466.3
1928.8	37.5°	1890.1	1894.7	1899.3	2053.8	2208.4	2410.6	2612.9
2420.9	40°	2326.8	2245.7	2164.6	2279.5	2394.4	2614.4	2834.3
3084.2	42.5°	2913.0	2736.0	2559.1	2625.3	2691.5	2909.8	3128.0
3888.4	45°	3607.0	3323.5	3040.1	3069.3	3098.5	3294.6	3490.7
4780.5	47.5°	4368.6	3959.8	3550.9	3556.8	3562.7	3753.5	3944.2
5667.2	50°	5123.5	4596.5	4069.5	4068.5	4067.5	4303.1	4538.7
6524.5	52.5°	5851.7	5222.3	4592.8	4621.7	4650.6	4935.8	5221.0
7362.0	55°	6560.1	5859.6	5159.0	5271.4	5383.9	5665.7	5947.5
8173.4	57.5°	7265.1	6557.7	5850.3	6075.8	6301.3	6454.8	6608.3
9235.8	60°	8263.2	7593.8	6924.4	7204.4	7484.5	7246.0	7007.7
10196.2	62.5°	9270.9	8657.6	8044.4	8076.0	8107.6	7456.2	6804.9
10319.5	65°	9422.2	8642.8	7863.5	7742.6	7621.7	7010.3	6399.0
9656.4	67.5°	8755.3	7943.4	7131.4	7074.8	7018.0	6436.6	5855.2
8745.1	70°	7969.6	7243.6	6517.4	6492.0	6466.7	5834.2	5201.8
7628.1	72.5°	7047.3	6479.2	5911.1	5892.9	5874.7	5148.9	4423.2
6368.2	75°	5959.4	5517.4	5075.4	5007.9	4940.5	4189.4	3438.3
5013.9	77.5°	4724.0	4388.0	4052.0	3955.5	3858.9	3157.7	2456.6
3687.2	80°	3534.9	3281.2	3027.5	2907.5	2787.6	2197.7	1607.8
2422.1	82.5°	2358.6	2183.9	2009.3	1875.2	1741.2	1337.9	934.6
1390.3	85°	1354.2	1210.8	1067.2	953.3	839.3	625.2	411.2
545.0	87.5°	541.9	470.1	398.4	334.8	271.2	199.2	127.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)