

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: P948328

Luminaire Tested: **GALN-SB3B-930-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948328
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB3B-930-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11711 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

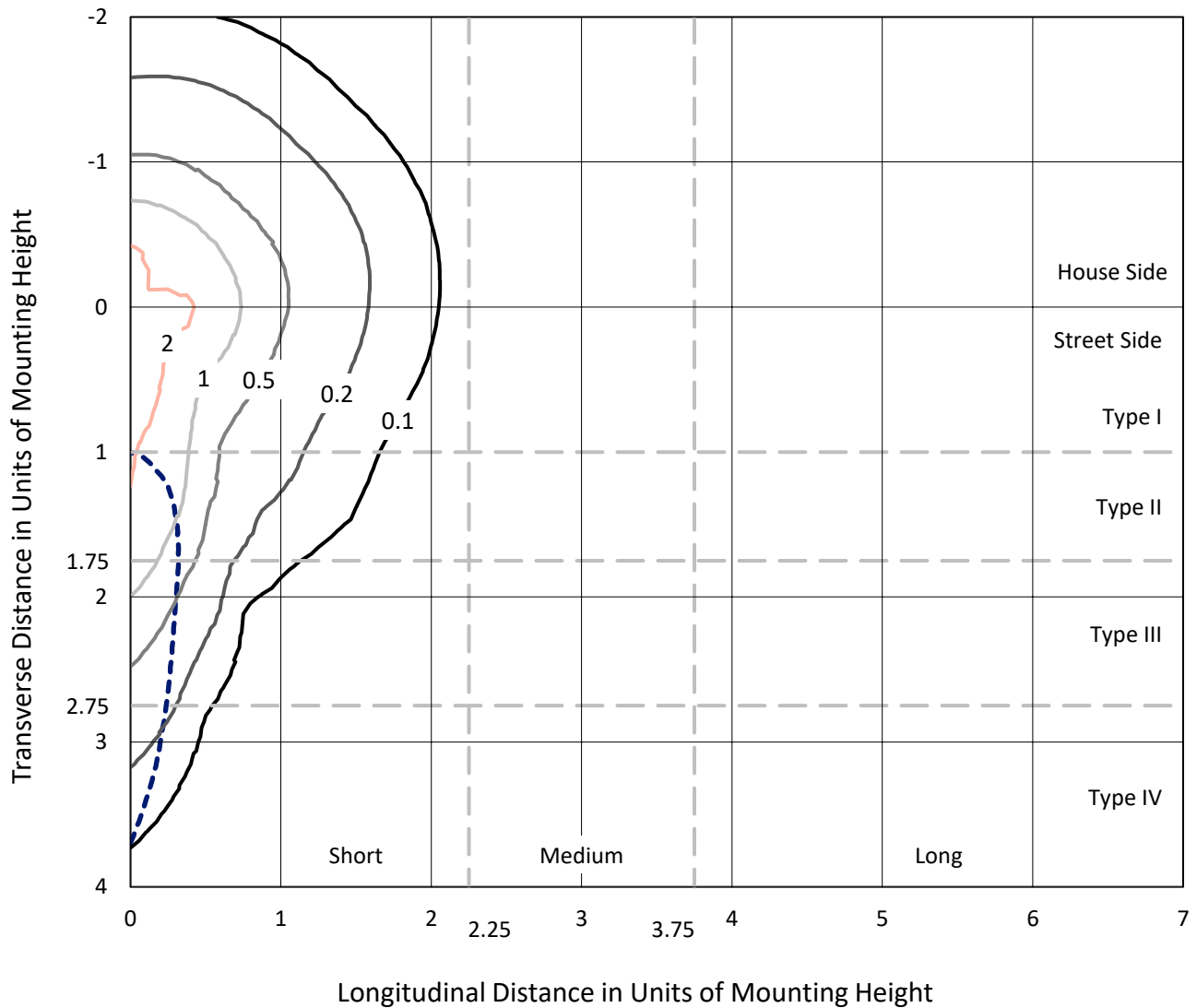
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

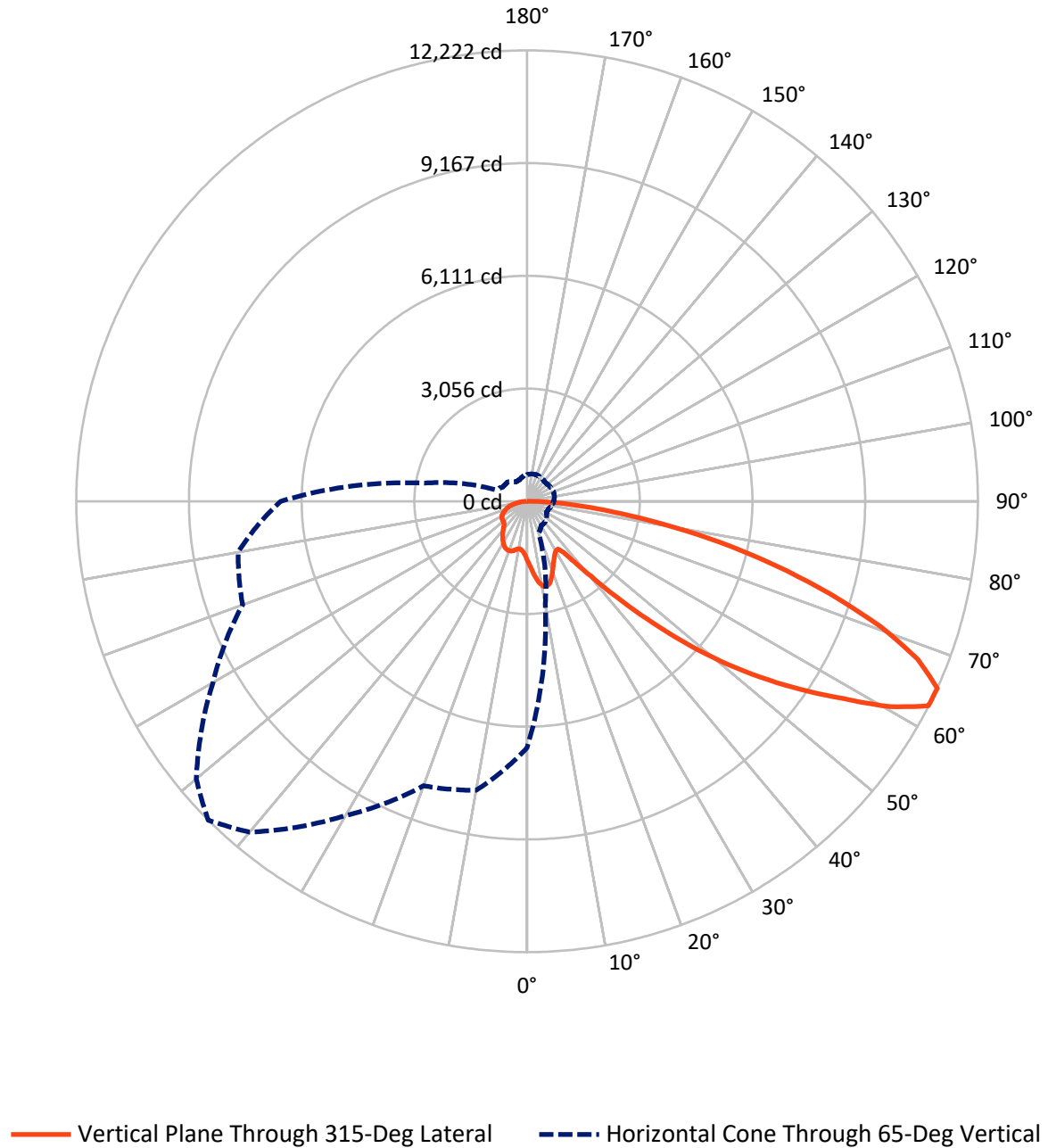
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 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	2976.3	0.0	2976.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	8734.7	0.0	8734.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	11711.0	0.0	11711.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.7	1.4
10°-20°	501.5	4.3
20°-30°	774.6	6.6
30°-40°	981.6	8.4
40°-50°	1480.5	12.6
50°-60°	2392.0	20.4
60°-70°	2982.0	25.5
70°-80°	1955.5	16.7
80°-90°	483.4	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°	11711.0	100.0
0°-180°	11711.0	100.0

Coefficient of Utilization



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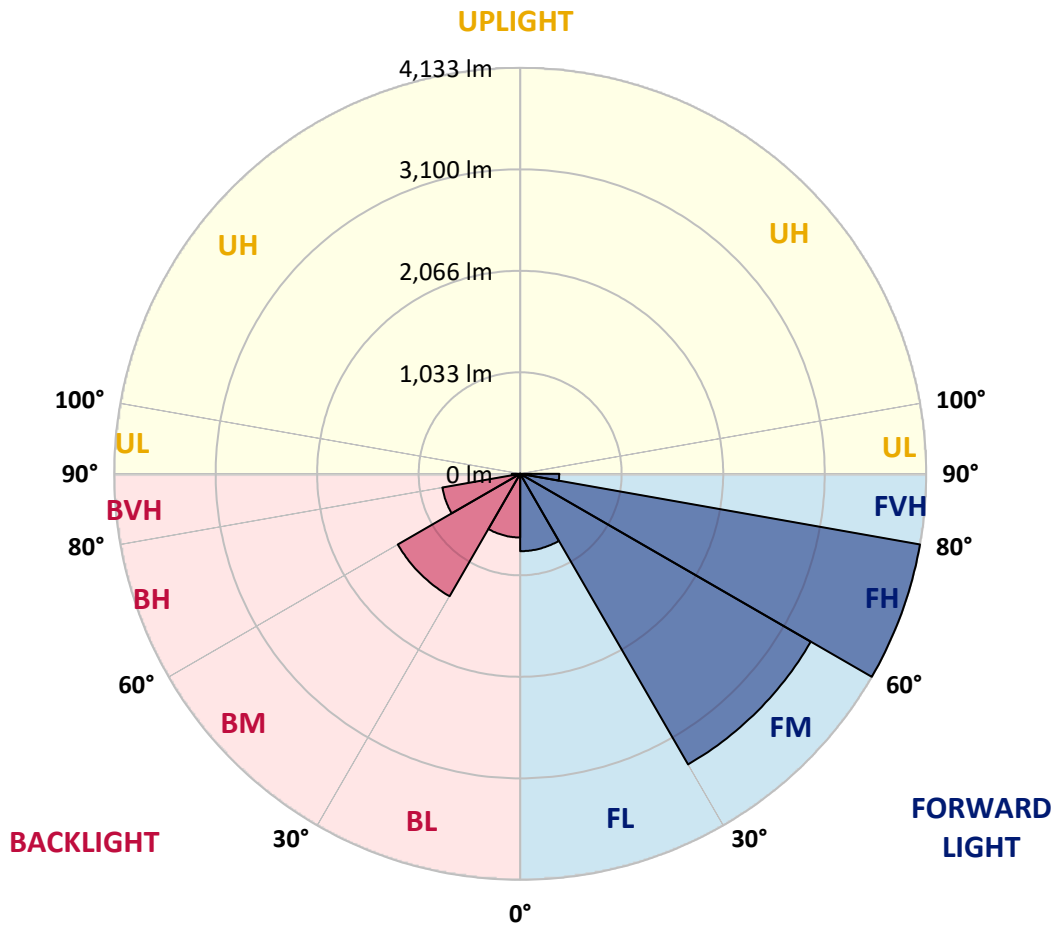
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	787.7	6.7			
FM (30°-60°)	3415.8	29.2			
FH (60°-80°)	4132.9	35.3			G2/5000
FVH (80°-90°)	398.3	3.4			G3/500
BL (0°-30°)	648.1	5.5	B2/1000		
BM (30°-60°)	1438.4	12.3	B2/2500		
BH (60°-80°)	804.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	85.2	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°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
2.5°	1731.8	1718.5	1705.2	1691.1	1677.0	1662.8	1648.6	1635.0	1621.4	1608.2
5°	1862.2	1832.8	1803.5	1774.2	1745.0	1715.5	1686.1	1658.6	1631.1	1605.1
7.5°	1993.2	1944.7	1896.3	1851.6	1806.9	1763.3	1719.7	1681.4	1643.0	1607.6
10°	2093.6	2032.4	1971.1	1912.0	1852.9	1800.0	1747.1	1701.7	1656.2	1612.5
12.5°	2155.1	2087.8	2020.6	1953.6	1886.6	1824.2	1761.8	1710.4	1659.1	1613.1
15°	2192.5	2122.3	2052.2	1979.5	1906.9	1835.0	1763.1	1703.7	1644.2	1593.4
17.5°	2213.5	2142.4	2071.2	1991.9	1912.7	1829.2	1745.8	1674.3	1602.8	1543.0
20°	2236.7	2162.7	2088.8	2001.6	1914.5	1813.4	1712.3	1623.7	1535.1	1465.5
22.5°	2263.5	2188.0	2112.4	2014.7	1917.0	1794.0	1671.0	1564.3	1457.6	1378.3
25°	2298.1	2224.1	2150.1	2038.5	1926.8	1774.9	1623.0	1498.0	1373.1	1291.8
27.5°	2345.1	2274.5	2203.9	2075.6	1947.1	1762.1	1577.0	1437.4	1297.8	1223.8
30°	2408.4	2340.2	2272.1	2123.6	1975.1	1756.1	1537.0	1386.7	1236.5	1174.4
32.5°	2483.2	2415.7	2348.2	2173.7	1999.2	1748.7	1498.0	1343.0	1188.0	1137.9
35°	2574.0	2509.4	2444.7	2230.8	2016.8	1734.7	1452.7	1300.1	1147.5	1105.8
37.5°	2727.0	2644.6	2562.1	2294.7	2027.4	1710.8	1394.2	1249.5	1104.9	1068.4
40°	2958.1	2838.0	2717.8	2375.9	2034.0	1677.8	1321.8	1189.2	1056.7	1023.6
42.5°	3264.6	3091.2	2917.8	2482.2	2046.5	1643.9	1241.3	1122.7	1004.0	973.6
45°	3643.1	3409.2	3175.3	2621.9	2068.6	1612.3	1156.1	1052.0	947.9	917.0
47.5°	4116.4	3787.3	3458.0	2770.9	2083.7	1586.2	1088.7	996.1	903.4	863.6
50°	4736.9	4240.6	3744.2	2909.0	2073.8	1557.8	1041.7	958.9	876.1	823.7
52.5°	5449.0	4716.8	3984.5	2998.8	2013.0	1509.8	1006.6	934.5	862.3	802.1
55°	6207.3	5139.0	4070.7	2979.0	1887.2	1430.2	973.1	916.7	860.3	804.3
57.5°	6896.9	5438.2	3979.4	2839.8	1700.3	1318.0	935.6	895.7	855.9	806.4
60°	7313.7	5512.9	3712.1	2580.8	1449.6	1172.2	894.9	863.6	832.2	799.6
62.5°	7102.0	5198.1	3294.1	2230.7	1167.2	997.9	828.5	807.7	787.0	782.9
65°	6678.4	4752.6	2826.8	1873.4	920.0	841.0	761.9	752.1	742.3	742.8
67.5°	6110.9	4222.5	2334.1	1523.4	712.6	690.2	667.7	673.2	678.6	677.3
70°	5429.0	3644.0	1859.1	1199.4	539.8	546.2	552.6	578.0	603.4	603.4
72.5°	4616.4	3016.9	1417.6	917.0	416.4	435.7	455.1	491.2	527.2	533.3
75°	3588.4	2298.1	1007.7	665.5	323.3	340.9	358.4	398.8	439.2	467.2
77.5°	2563.9	1608.4	653.0	451.0	248.9	260.8	272.8	312.1	351.3	397.3
80°	1678.0	1036.3	394.6	290.6	186.6	191.6	196.5	229.8	262.9	317.9
82.5°	975.4	599.8	224.2	178.7	133.4	134.2	135.2	159.7	184.1	231.1
85°	429.2	269.8	110.5	95.5	80.6	80.2	79.7	97.6	115.6	150.5
87.5°	132.9	88.4	43.9	39.6	35.3	34.9	34.5	41.8	49.1	63.6
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1593.6	2.5°	1581.7	1569.9	1559.2	1548.6	1539.2	1529.9	1520.5	1511.2	1504.0	1496.7
1579.5	5°	1557.1	1534.7	1515.9	1497.2	1480.6	1464.0	1449.0	1433.9	1422.4	1410.8
1574.4	7.5°	1544.6	1514.9	1490.2	1465.5	1444.6	1423.7	1405.3	1387.0	1373.2	1359.5
1576.9	10°	1545.5	1514.1	1489.4	1464.7	1442.2	1419.7	1399.0	1378.3	1361.9	1345.4
1580.0	12.5°	1554.3	1528.7	1512.2	1495.9	1478.2	1460.7	1439.3	1417.9	1396.9	1375.9
1566.8	15°	1554.5	1542.3	1544.5	1546.7	1542.1	1537.6	1519.0	1500.4	1470.5	1440.6
1526.6	17.5°	1531.1	1535.6	1562.5	1589.5	1603.8	1618.1	1603.1	1588.1	1548.5	1508.9
1461.1	20°	1482.1	1503.1	1549.9	1596.8	1626.7	1656.7	1649.8	1642.8	1597.5	1552.3
1386.8	22.5°	1417.9	1449.0	1502.3	1555.9	1594.9	1633.8	1638.0	1642.2	1598.9	1555.7
1314.7	25°	1350.5	1386.4	1434.4	1482.4	1520.8	1559.2	1573.5	1587.8	1552.3	1516.9
1251.6	27.5°	1286.3	1320.9	1360.3	1399.8	1430.5	1461.3	1477.3	1493.3	1468.0	1442.8
1196.2	30°	1223.7	1251.2	1284.0	1316.7	1342.2	1367.8	1380.8	1393.8	1374.6	1355.3
1147.6	32.5°	1163.9	1180.2	1206.3	1232.5	1257.0	1281.5	1295.9	1310.4	1292.7	1274.9
1101.8	35°	1106.2	1110.8	1130.7	1150.6	1174.8	1199.1	1216.4	1233.7	1221.1	1208.6
1053.7	37.5°	1048.8	1043.8	1058.2	1072.4	1096.6	1120.8	1142.2	1163.6	1157.8	1152.0
1001.1	40°	989.9	978.7	989.0	999.3	1022.7	1046.1	1070.7	1095.3	1096.7	1098.1
945.1	42.5°	930.3	915.5	923.9	932.4	954.5	976.7	1003.2	1029.8	1036.9	1044.0
889.5	45°	875.1	860.7	867.7	874.9	895.9	916.9	944.5	972.0	982.2	992.4
839.9	47.5°	827.8	815.7	822.4	829.0	849.6	870.1	897.3	924.4	936.2	947.9
796.2	50°	785.5	774.8	785.2	795.6	815.0	834.3	858.7	883.0	898.1	913.2
763.7	52.5°	753.0	742.5	758.1	773.7	791.5	809.2	831.9	854.6	872.5	890.3
746.4	55°	729.5	712.8	735.0	757.1	776.3	795.4	815.3	835.2	854.1	873.0
736.0	57.5°	711.5	687.0	710.9	734.7	757.2	779.7	799.4	819.1	838.2	857.2
726.2	60°	694.5	662.7	683.7	704.6	730.4	756.2	776.2	796.2	815.4	834.5
714.8	62.5°	675.2	635.6	648.8	662.1	692.2	722.4	743.7	765.0	782.6	800.1
690.9	65°	648.7	606.5	611.6	616.7	649.0	681.3	701.7	722.1	737.5	753.0
648.1	67.5°	613.0	577.9	576.3	574.7	604.5	634.3	653.7	672.9	686.3	699.6
593.8	70°	568.9	543.9	538.4	532.8	559.0	585.2	601.9	618.6	630.6	642.7
533.4	72.5°	516.3	499.2	491.0	482.9	503.6	524.1	539.2	554.3	566.1	577.9
464.8	75°	451.7	438.4	430.6	422.8	438.1	453.4	467.1	480.8	491.5	502.3
396.1	77.5°	385.5	375.0	367.1	359.1	371.6	384.1	395.8	407.5	418.8	430.1
317.7	80°	308.9	300.0	293.4	286.7	297.1	307.4	317.3	327.2	335.8	344.3
233.7	82.5°	229.4	225.1	220.4	215.7	214.8	213.9	210.5	207.0	225.3	243.6
153.9	85°	149.2	144.6	139.3	134.1	129.6	125.1	115.6	106.0	123.1	140.3
68.0	87.5°	66.1	64.3	63.3	62.3	62.1	61.9	54.6	47.3	54.4	61.7
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1490.8	2.5°	1484.9	1480.3	1475.8	1471.6	1467.3	1462.1	1467.3	1471.6	1475.8	1480.3
1402.7	5°	1394.6	1388.8	1383.1	1378.7	1374.3	1370.0	1374.3	1378.7	1383.1	1388.8
1349.8	7.5°	1340.2	1333.6	1327.0	1323.1	1319.2	1316.2	1319.2	1323.1	1327.0	1333.6
1334.6	10°	1323.8	1317.5	1311.3	1307.9	1304.6	1303.2	1304.6	1307.9	1311.3	1317.5
1361.9	12.5°	1348.0	1341.1	1334.1	1331.3	1328.5	1328.0	1328.5	1331.3	1334.1	1341.1
1419.4	15°	1398.3	1388.6	1378.9	1375.2	1371.5	1371.2	1371.5	1375.2	1378.9	1388.6
1477.8	17.5°	1446.6	1432.3	1417.9	1413.2	1408.4	1407.7	1408.4	1413.2	1417.9	1432.3
1514.1	20°	1476.0	1457.6	1439.2	1433.3	1427.5	1425.6	1427.5	1433.3	1439.2	1457.6
1516.4	22.5°	1477.0	1457.7	1438.3	1431.8	1425.3	1422.5	1425.3	1431.8	1438.3	1457.7
1482.0	25°	1447.1	1430.3	1413.5	1407.4	1401.4	1397.8	1401.4	1407.4	1413.5	1430.3
1415.6	27.5°	1388.5	1377.3	1366.0	1363.2	1360.4	1359.5	1360.4	1363.2	1366.0	1377.3
1335.9	30°	1316.3	1310.6	1304.8	1304.8	1304.8	1305.7	1304.8	1304.8	1304.8	1310.6
1259.4	32.5°	1243.9	1240.2	1236.4	1236.9	1237.4	1238.4	1237.4	1236.9	1236.4	1240.2
1194.2	35°	1180.0	1174.2	1168.5	1167.3	1166.1	1165.4	1166.1	1167.3	1168.5	1174.2
1138.8	37.5°	1125.6	1115.1	1104.8	1099.3	1093.8	1090.7	1093.8	1099.3	1104.8	1115.1
1086.9	40°	1075.7	1060.5	1045.4	1035.2	1025.0	1019.0	1025.0	1035.2	1045.4	1060.5
1034.6	42.5°	1025.2	1006.3	987.5	972.6	957.7	947.9	957.7	972.6	987.5	1006.3
983.9	45°	975.4	953.9	932.4	914.9	897.4	886.1	897.4	914.9	932.4	953.9
942.0	47.5°	936.1	916.9	897.7	881.6	865.4	854.6	865.4	881.6	897.7	916.9
912.8	50°	912.6	897.3	881.9	867.0	852.0	841.6	852.0	867.0	881.9	897.3
893.5	52.5°	896.8	884.3	871.8	858.4	845.0	835.5	845.0	858.4	871.8	884.3
877.5	55°	881.9	871.1	860.2	848.4	836.7	828.0	836.7	848.4	860.2	871.1
861.7	57.5°	866.2	855.2	844.2	832.6	820.9	812.0	820.9	832.6	844.2	855.2
839.5	60°	844.4	833.7	823.0	811.0	799.0	789.7	799.0	811.0	823.0	833.7
804.9	62.5°	809.6	799.9	790.2	777.6	765.0	753.9	765.0	777.6	790.2	799.9
757.8	65°	762.7	753.3	744.0	731.8	719.6	710.0	719.6	731.8	744.0	753.3
704.4	67.5°	709.1	700.5	692.0	680.6	669.2	660.6	669.2	680.6	692.0	700.5
647.2	70°	651.8	644.8	637.8	627.0	616.1	606.2	616.1	627.0	637.8	644.8
583.3	72.5°	588.8	583.0	577.2	566.8	556.5	546.9	556.5	566.8	577.2	583.0
508.0	75°	513.6	510.8	508.0	499.2	490.5	481.4	490.5	499.2	508.0	510.8
435.4	77.5°	440.7	436.8	432.7	423.9	415.1	407.8	415.1	423.9	432.7	436.8
351.4	80°	358.4	356.7	355.0	343.2	331.3	317.6	331.3	343.2	355.0	356.7
255.6	82.5°	267.6	266.8	266.0	256.1	246.1	237.3	246.1	256.1	266.0	266.8
155.1	85°	169.9	168.7	167.5	159.7	151.9	144.0	151.9	159.7	167.5	168.7
67.7	87.5°	73.7	72.2	70.6	66.6	62.5	58.7	62.5	66.6	70.6	72.2
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1484.9	2.5°	1490.8	1496.7	1504.0	1511.2	1520.5	1529.9	1539.2	1548.6	1559.2	1569.9
1394.6	5°	1402.7	1410.8	1422.4	1433.9	1449.0	1464.0	1480.6	1497.2	1515.9	1534.7
1340.2	7.5°	1349.8	1359.5	1373.2	1387.0	1405.3	1423.7	1444.6	1465.5	1490.2	1514.9
1323.8	10°	1334.6	1345.4	1361.9	1378.3	1399.0	1419.7	1442.2	1464.7	1489.4	1514.1
1348.0	12.5°	1361.9	1375.9	1396.9	1417.9	1439.3	1460.7	1478.2	1495.9	1512.2	1528.7
1398.3	15°	1419.4	1440.6	1470.5	1500.4	1519.0	1537.6	1542.1	1546.7	1544.5	1542.3
1446.6	17.5°	1477.8	1508.9	1548.5	1588.1	1603.1	1618.1	1603.8	1589.5	1562.5	1535.6
1476.0	20°	1514.1	1552.3	1597.5	1642.8	1649.8	1656.7	1626.7	1596.8	1549.9	1503.1
1477.0	22.5°	1516.4	1555.7	1598.9	1642.2	1638.0	1633.8	1594.9	1555.9	1502.3	1449.0
1447.1	25°	1482.0	1516.9	1552.3	1587.8	1573.5	1559.2	1520.8	1482.4	1434.4	1386.4
1388.5	27.5°	1415.6	1442.8	1468.0	1493.3	1477.3	1461.3	1430.5	1399.8	1360.3	1320.9
1316.3	30°	1335.9	1355.3	1374.6	1393.8	1380.8	1367.8	1342.2	1316.7	1284.0	1251.2
1243.9	32.5°	1259.4	1274.9	1292.7	1310.4	1295.9	1281.5	1257.0	1232.5	1206.3	1180.2
1180.0	35°	1194.2	1208.6	1221.1	1233.7	1216.4	1199.1	1174.8	1150.6	1130.7	1110.8
1125.6	37.5°	1138.8	1152.0	1157.8	1163.6	1142.2	1120.8	1096.6	1072.4	1058.2	1043.8
1075.7	40°	1086.9	1098.1	1096.7	1095.3	1070.7	1046.1	1022.7	999.3	989.0	978.7
1025.2	42.5°	1034.6	1044.0	1036.9	1029.8	1003.2	976.7	954.5	932.4	923.9	915.5
975.4	45°	983.9	992.4	982.2	972.0	944.5	916.9	895.9	874.9	867.7	860.7
936.1	47.5°	942.0	947.9	936.2	924.4	897.3	870.1	849.6	829.0	822.4	815.7
912.6	50°	912.8	913.2	898.1	883.0	858.7	834.3	815.0	795.6	785.2	774.8
896.8	52.5°	893.5	890.3	872.5	854.6	831.9	809.2	791.5	773.7	758.1	742.5
881.9	55°	877.5	873.0	854.1	835.2	815.3	795.4	776.3	757.1	735.0	712.8
866.2	57.5°	861.7	857.2	838.2	819.1	799.4	779.7	757.2	734.7	710.9	687.0
844.4	60°	839.5	834.5	815.4	796.2	776.2	756.2	730.4	704.6	683.7	662.7
809.6	62.5°	804.9	800.1	782.6	765.0	743.7	722.4	692.2	662.1	648.8	635.6
762.7	65°	757.8	753.0	737.5	722.1	701.7	681.3	649.0	616.7	611.6	606.5
709.1	67.5°	704.4	699.6	686.3	672.9	653.7	634.3	604.5	574.7	576.3	577.9
651.8	70°	647.2	642.7	630.6	618.6	601.9	585.2	559.0	532.8	538.4	543.9
588.8	72.5°	583.3	577.9	566.1	554.3	539.2	524.1	503.6	482.9	491.0	499.2
513.6	75°	508.0	502.3	491.5	480.8	467.1	453.4	438.1	422.8	430.6	438.4
440.7	77.5°	435.4	430.1	418.8	407.5	395.8	384.1	371.6	359.1	367.1	375.0
358.4	80°	351.4	344.3	335.8	327.2	317.3	307.4	297.1	286.7	293.4	300.0
267.6	82.5°	255.6	243.6	225.3	207.0	210.5	213.9	214.8	215.7	220.4	225.1
169.9	85°	155.1	140.3	123.1	106.0	115.6	125.1	129.6	134.1	139.3	144.6
73.7	87.5°	67.7	61.7	54.4	47.3	54.6	61.9	62.1	62.3	63.3	64.3
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1581.7	2.5°	1593.6	1608.2	1621.4	1635.0	1648.6	1662.8	1677.0	1691.1	1705.2	1718.5
1557.1	5°	1579.5	1605.1	1631.1	1658.6	1686.1	1715.5	1745.0	1774.2	1803.5	1832.8
1544.6	7.5°	1574.4	1607.6	1643.0	1681.4	1719.7	1763.3	1806.9	1851.6	1896.3	1944.7
1545.5	10°	1576.9	1612.5	1656.2	1701.7	1747.1	1800.0	1852.9	1912.0	1971.1	2032.4
1554.3	12.5°	1580.0	1613.1	1659.1	1710.4	1761.8	1824.2	1886.6	1953.6	2020.6	2087.8
1554.5	15°	1566.8	1593.4	1644.2	1703.7	1763.1	1835.0	1906.9	1979.5	2052.2	2122.3
1531.1	17.5°	1526.6	1543.0	1602.8	1674.3	1745.8	1829.2	1912.7	1991.9	2071.2	2142.4
1482.1	20°	1461.1	1465.5	1535.1	1623.7	1712.3	1813.4	1914.5	2001.6	2088.8	2162.7
1417.9	22.5°	1386.8	1378.3	1457.6	1564.3	1671.0	1794.0	1917.0	2014.7	2112.4	2188.0
1350.5	25°	1314.7	1291.8	1373.1	1498.0	1623.0	1774.9	1926.8	2038.5	2150.1	2224.1
1286.3	27.5°	1251.6	1223.8	1297.8	1437.4	1577.0	1762.1	1947.1	2075.6	2203.9	2274.5
1223.7	30°	1196.2	1174.4	1236.5	1386.7	1537.0	1756.1	1975.1	2123.6	2272.1	2340.2
1163.9	32.5°	1147.6	1137.9	1188.0	1343.0	1498.0	1748.7	1999.2	2173.7	2348.2	2415.7
1106.2	35°	1101.8	1105.8	1147.5	1300.1	1452.7	1734.7	2016.8	2230.8	2444.7	2509.4
1048.8	37.5°	1053.7	1068.4	1104.9	1249.5	1394.2	1710.8	2027.4	2294.7	2562.1	2644.6
989.9	40°	1001.1	1023.6	1056.7	1189.2	1321.8	1677.8	2034.0	2375.9	2717.8	2838.0
930.3	42.5°	945.1	973.6	1004.0	1122.7	1241.3	1643.9	2046.5	2482.2	2917.8	3091.2
875.1	45°	889.5	917.0	947.9	1052.0	1156.1	1612.3	2068.6	2621.9	3175.3	3409.2
827.8	47.5°	839.9	863.6	903.4	996.1	1088.7	1586.2	2083.7	2770.9	3458.0	3787.3
785.5	50°	796.2	823.7	876.1	958.9	1041.7	1557.8	2073.8	2909.0	3744.2	4240.6
753.0	52.5°	763.7	802.1	862.3	934.5	1006.6	1509.8	2013.0	2998.8	3984.5	4716.8
729.5	55°	746.4	804.3	860.3	916.7	973.1	1430.2	1887.2	2979.0	4070.7	5139.0
711.5	57.5°	736.0	806.4	855.9	895.7	935.6	1318.0	1700.3	2839.8	3979.4	5438.2
694.5	60°	726.2	799.6	832.2	863.6	894.9	1172.2	1449.6	2580.8	3712.1	5512.9
675.2	62.5°	714.8	782.9	787.0	807.7	828.5	997.9	1167.2	2230.7	3294.1	5198.1
648.7	65°	690.9	742.8	742.3	752.1	761.9	841.0	920.0	1873.4	2826.8	4752.6
613.0	67.5°	648.1	677.3	678.6	673.2	667.7	690.2	712.6	1523.4	2334.1	4222.5
568.9	70°	593.8	603.4	603.4	578.0	552.6	546.2	539.8	1199.4	1859.1	3644.0
516.3	72.5°	533.4	533.3	527.2	491.2	455.1	435.7	416.4	917.0	1417.6	3016.9
451.7	75°	464.8	467.2	439.2	398.8	358.4	340.9	323.3	665.5	1007.7	2298.1
385.5	77.5°	396.1	397.3	351.3	312.1	272.8	260.8	248.9	451.0	653.0	1608.4
308.9	80°	317.7	317.9	262.9	229.8	196.5	191.6	186.6	290.6	394.6	1036.3
229.4	82.5°	233.7	231.1	184.1	159.7	135.2	134.2	133.4	178.7	224.2	599.8
149.2	85°	153.9	150.5	115.6	97.6	79.7	80.2	80.6	95.5	110.5	269.8
66.1	87.5°	68.0	63.6	49.1	41.8	34.5	34.9	35.3	39.6	43.9	88.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1731.8	2.5°	1738.3	1745.0	1754.3	1763.6	1769.2	1774.7	1777.5	1780.3	1779.1	1780.3
1862.2	5°	1885.1	1908.1	1930.8	1953.6	1966.0	1978.3	1985.8	1993.4	1999.1	1993.4
1993.2	7.5°	2030.5	2067.8	2101.3	2134.9	2155.1	2175.3	2186.2	2197.1	2202.4	2197.1
2093.6	10°	2137.7	2181.8	2221.2	2260.6	2284.4	2308.1	2318.8	2329.3	2333.4	2329.3
2155.1	12.5°	2202.9	2250.7	2286.3	2321.7	2339.0	2356.3	2362.2	2368.0	2368.6	2368.0
2192.5	15°	2233.7	2275.0	2297.3	2319.6	2320.3	2320.9	2314.7	2308.5	2301.2	2308.5
2213.5	17.5°	2241.3	2269.2	2269.6	2270.0	2245.0	2220.0	2197.0	2174.1	2157.9	2174.1
2236.7	20°	2246.4	2256.1	2226.8	2197.4	2142.2	2086.9	2046.7	2006.5	1981.7	2006.5
2263.5	22.5°	2250.8	2238.1	2177.3	2116.5	2035.2	1953.9	1903.6	1853.3	1826.0	1853.3
2298.1	25°	2258.0	2217.8	2125.5	2033.2	1934.5	1835.8	1782.9	1730.1	1704.3	1730.1
2345.1	27.5°	2273.3	2201.4	2079.1	1956.9	1847.5	1738.2	1686.1	1634.2	1609.7	1634.2
2408.4	30°	2301.3	2194.3	2043.8	1893.3	1779.3	1665.4	1617.1	1568.8	1546.1	1568.8
2483.2	32.5°	2336.6	2190.0	2019.7	1849.4	1742.3	1635.2	1597.3	1559.4	1543.0	1559.4
2574.0	35°	2394.6	2215.2	2037.7	1860.3	1785.9	1711.6	1702.7	1693.9	1692.5	1693.9
2727.0	37.5°	2515.9	2304.8	2143.5	1982.2	1977.4	1972.6	2013.0	2053.4	2074.4	2053.4
2958.1	40°	2728.5	2499.0	2379.0	2259.1	2343.7	2428.4	2526.7	2624.9	2673.8	2624.9
3264.6	42.5°	3036.8	2809.1	2740.0	2670.9	2855.5	3040.2	3218.9	3397.6	3502.5	3397.6
3643.1	45°	3438.5	3233.8	3203.4	3172.8	3468.6	3764.5	4058.2	4351.9	4530.2	4351.9
4116.4	47.5°	3917.4	3718.3	3712.1	3705.9	4132.7	4559.3	4989.2	5419.1	5671.5	5419.1
4736.9	50°	4491.0	4245.2	4246.2	4247.3	4797.2	5347.2	5914.7	6482.1	6825.2	6482.1
5449.0	52.5°	5151.3	4853.6	4823.6	4793.4	5450.3	6107.3	6809.4	7511.4	7922.7	7511.4
6207.3	55°	5913.1	5619.0	5501.6	5384.3	6115.4	6846.5	7683.5	8520.5	9009.6	8520.5
6896.9	57.5°	6736.7	6576.5	6341.1	6105.8	6844.0	7582.3	8530.4	9478.3	10084.9	9478.3
7313.7	60°	7562.5	7811.3	7519.0	7226.7	7925.4	8624.0	9639.1	10654.1	11309.6	10654.1
7102.0	62.5°	7781.8	8461.6	8428.7	8395.7	9035.7	9675.8	10641.5	11607.2	12213.1	11607.2
6678.4	65°	7316.5	7954.5	8080.7	8206.9	9020.3	9833.7	10770.1	11706.5	12222.3	11706.5
6110.9	67.5°	6717.7	7324.5	7383.7	7442.8	8290.3	9137.7	10078.1	11018.6	11422.7	11018.6
5429.0	70°	6089.0	6749.1	6775.5	6802.0	7559.9	8317.7	9127.0	9936.2	10160.9	9936.2
4616.4	72.5°	5373.8	6131.2	6150.3	6169.2	6762.2	7355.1	7961.2	8567.3	8590.0	8567.3
3588.4	75°	4372.3	5156.3	5226.6	5297.0	5758.3	6219.6	6646.3	7073.0	6958.7	7073.0
2563.9	77.5°	3295.6	4027.5	4128.2	4228.9	4579.6	4930.3	5232.9	5535.5	5339.0	5535.5
1678.0	80°	2293.7	2909.3	3034.5	3159.7	3424.5	3689.3	3848.2	4007.1	3691.0	4007.1
975.4	82.5°	1396.3	1817.3	1957.1	2097.0	2279.3	2461.6	2527.9	2594.1	2345.7	2594.1
429.2	85°	652.5	875.9	994.9	1113.8	1263.6	1413.4	1451.0	1488.6	1289.7	1488.6
132.9	87.5°	207.9	283.0	349.4	415.8	490.6	565.5	568.8	571.9	480.1	571.9
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):

325°		330°	335°	340°	345°	350°	355°	360°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1777.5	2.5°	1774.7	1769.2	1763.6	1754.3	1745.0	1738.3	1731.8
1985.8	5°	1978.3	1966.0	1953.6	1930.8	1908.1	1885.1	1862.2
2186.2	7.5°	2175.3	2155.1	2134.9	2101.3	2067.8	2030.5	1993.2
2318.8	10°	2308.1	2284.4	2260.6	2221.2	2181.8	2137.7	2093.6
2362.2	12.5°	2356.3	2339.0	2321.7	2286.3	2250.7	2202.9	2155.1
2314.7	15°	2320.9	2320.3	2319.6	2297.3	2275.0	2233.7	2192.5
2197.0	17.5°	2220.0	2245.0	2270.0	2269.6	2269.2	2241.3	2213.5
2046.7	20°	2086.9	2142.2	2197.4	2226.8	2256.1	2246.4	2236.7
1903.6	22.5°	1953.9	2035.2	2116.5	2177.3	2238.1	2250.8	2263.5
1782.9	25°	1835.8	1934.5	2033.2	2125.5	2217.8	2258.0	2298.1
1686.1	27.5°	1738.2	1847.5	1956.9	2079.1	2201.4	2273.3	2345.1
1617.1	30°	1665.4	1779.3	1893.3	2043.8	2194.3	2301.3	2408.4
1597.3	32.5°	1635.2	1742.3	1849.4	2019.7	2190.0	2336.6	2483.2
1702.7	35°	1711.6	1785.9	1860.3	2037.7	2215.2	2394.6	2574.0
2013.0	37.5°	1972.6	1977.4	1982.2	2143.5	2304.8	2515.9	2727.0
2526.7	40°	2428.4	2343.7	2259.1	2379.0	2499.0	2728.5	2958.1
3218.9	42.5°	3040.2	2855.5	2670.9	2740.0	2809.1	3036.8	3264.6
4058.2	45°	3764.5	3468.6	3172.8	3203.4	3233.8	3438.5	3643.1
4989.2	47.5°	4559.3	4132.7	3705.9	3712.1	3718.3	3917.4	4116.4
5914.7	50°	5347.2	4797.2	4247.3	4246.2	4245.2	4491.0	4736.9
6809.4	52.5°	6107.3	5450.3	4793.4	4823.6	4853.6	5151.3	5449.0
7683.5	55°	6846.5	6115.4	5384.3	5501.6	5619.0	5913.1	6207.3
8530.4	57.5°	7582.3	6844.0	6105.8	6341.1	6576.5	6736.7	6896.9
9639.1	60°	8624.0	7925.4	7226.7	7519.0	7811.3	7562.5	7313.7
10641.5	62.5°	9675.8	9035.7	8395.7	8428.7	8461.6	7781.8	7102.0
10770.1	65°	9833.7	9020.3	8206.9	8080.7	7954.5	7316.5	6678.4
10078.1	67.5°	9137.7	8290.3	7442.8	7383.7	7324.5	6717.7	6110.9
9127.0	70°	8317.7	7559.9	6802.0	6775.5	6749.1	6089.0	5429.0
7961.2	72.5°	7355.1	6762.2	6169.2	6150.3	6131.2	5373.8	4616.4
6646.3	75°	6219.6	5758.3	5297.0	5226.6	5156.3	4372.3	3588.4
5232.9	77.5°	4930.3	4579.6	4228.9	4128.2	4027.5	3295.6	2563.9
3848.2	80°	3689.3	3424.5	3159.7	3034.5	2909.3	2293.7	1678.0
2527.9	82.5°	2461.6	2279.3	2097.0	1957.1	1817.3	1396.3	975.4
1451.0	85°	1413.4	1263.6	1113.8	994.9	875.9	652.5	429.2
568.8	87.5°	565.5	490.6	415.8	349.4	283.0	207.9	132.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)