

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: P947234

Luminaire Tested: **GALN-SB2C-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947234  
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-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

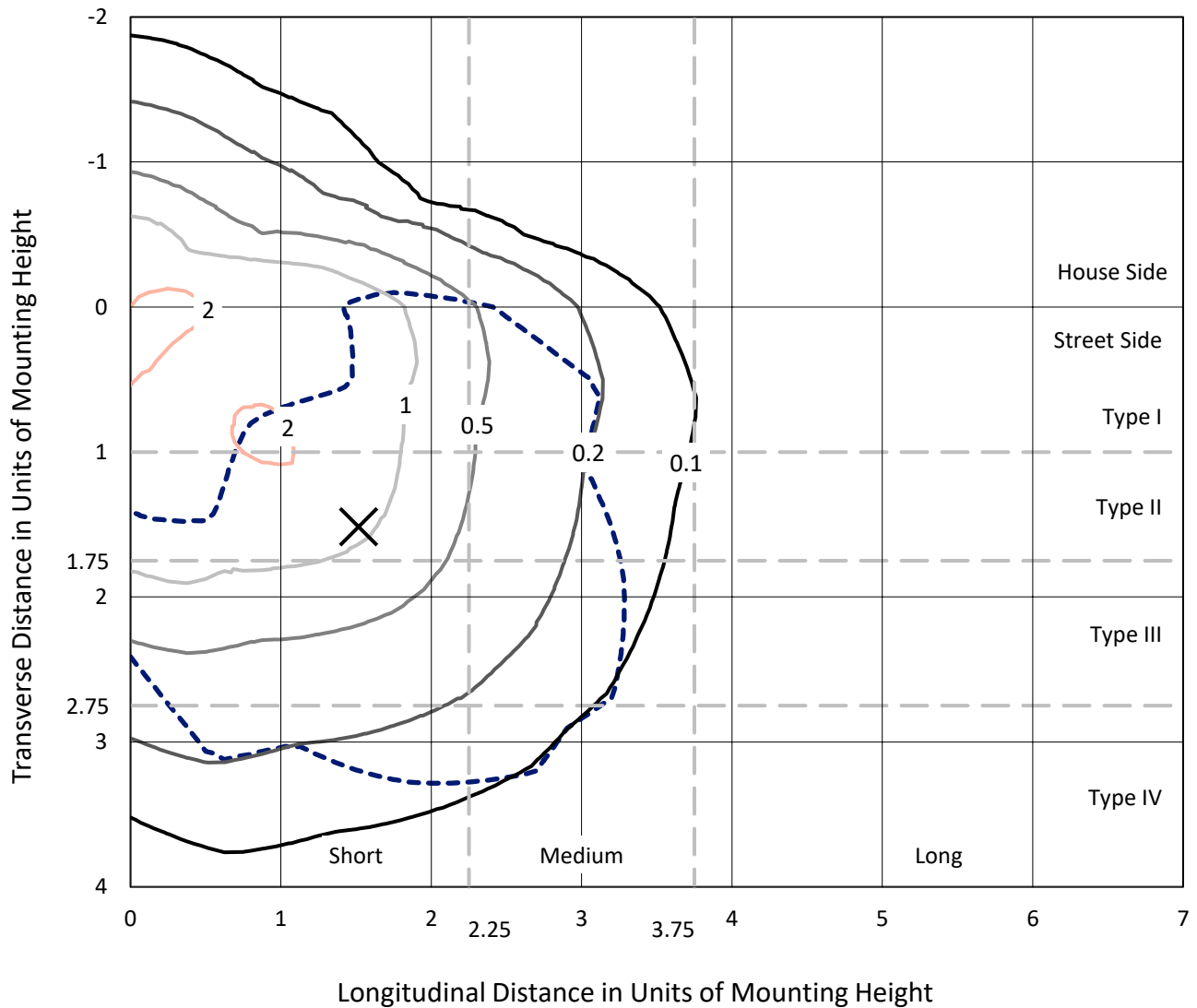
Lumens per Lamp: N/A  
Luminaire Lumens: 9084 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

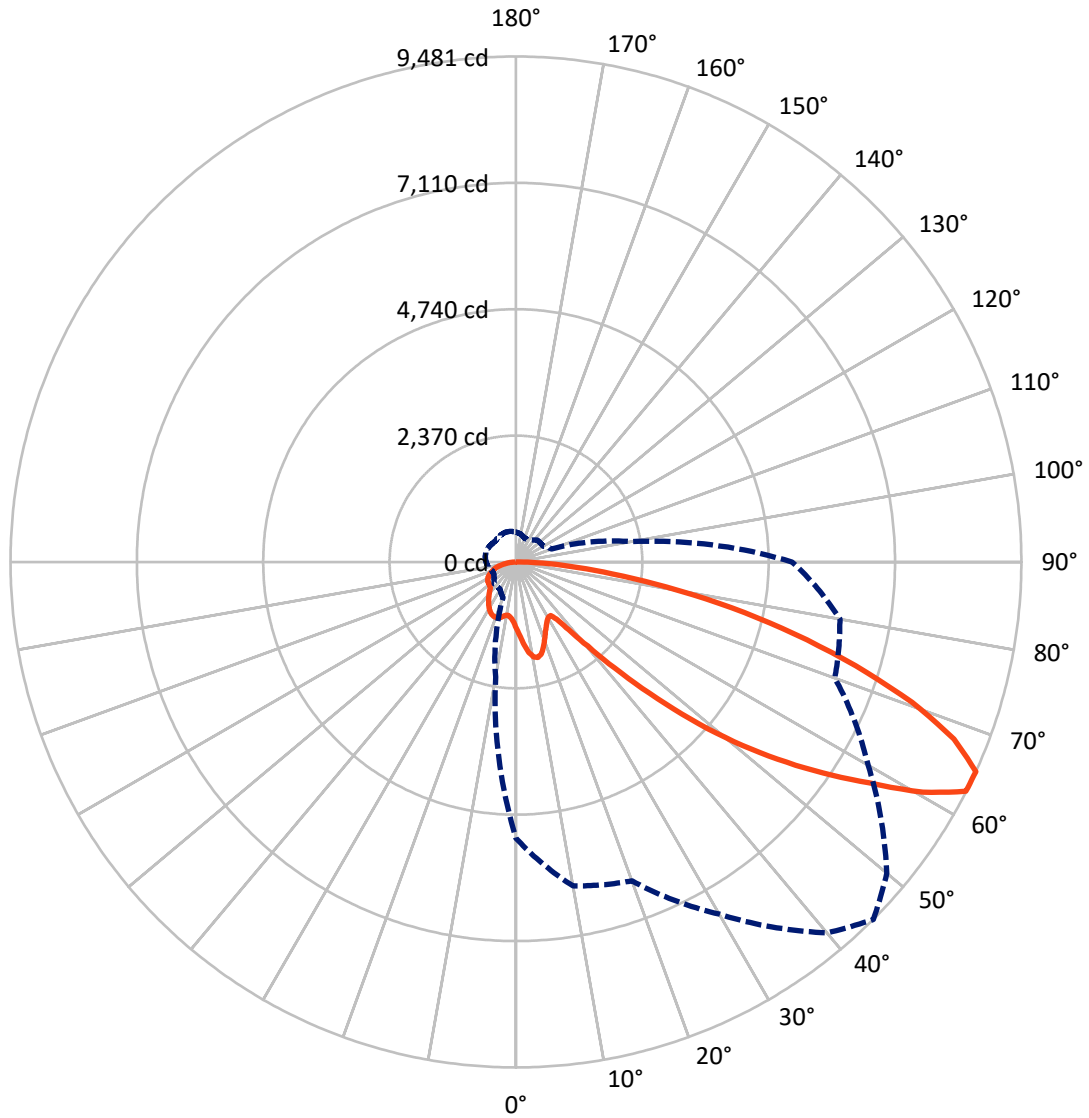
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2308.7	0.0	2308.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	6775.3	0.0	6775.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	9084.0	0.0	9084.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	123.9	1.4
10°-20°	389.0	4.3
20°-30°	600.9	6.6
30°-40°	761.4	8.4
40°-50°	1148.4	12.6
50°-60°	1855.5	20.4
60°-70°	2313.1	25.5
70°-80°	1516.8	16.7
80°-90°	375.0	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°	9084.0	100.0
0°-180°	9084.0	100.0

**Coefficient of Utilization**



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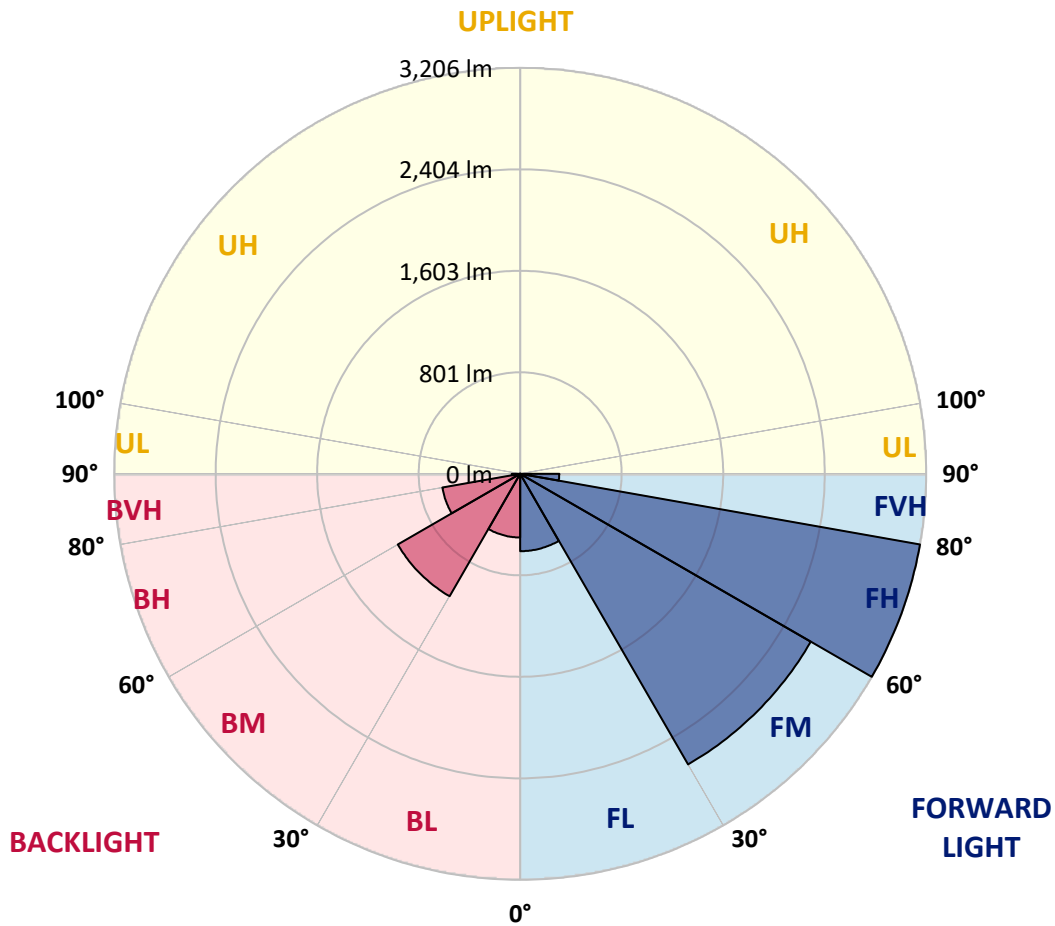
CATALOG NUMBER: GALN-SB2C-927-U-SLL

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	611.0	6.7			
FM (30°-60°)	2649.6	29.2			
FH (60°-80°)	3205.8	35.3			G2/5000
FVH (80°-90°)	308.9	3.4			G3/500
BL (0°-30°)	502.7	5.5	B2/1000		
BM (30°-60°)	1115.7	12.3	B2/2500		
BH (60°-80°)	624.2	6.9	B2/1000		G2/1000
BVH (80°-90°)	66.1	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°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
2.5°	1343.3	1348.4	1353.5	1360.8	1368.0	1372.3	1376.6	1378.8	1380.9	1380.0
5°	1444.5	1462.2	1480.1	1497.7	1515.4	1525.0	1534.6	1540.4	1546.2	1550.6
7.5°	1546.1	1575.0	1603.9	1630.0	1656.0	1671.7	1687.3	1695.8	1704.2	1708.3
10°	1624.0	1658.2	1692.4	1722.9	1753.5	1772.0	1790.4	1798.6	1806.8	1809.9
12.5°	1671.7	1708.8	1745.8	1773.4	1800.9	1814.4	1827.8	1832.3	1836.8	1837.3
15°	1700.7	1732.7	1764.6	1781.9	1799.3	1799.8	1800.3	1795.5	1790.7	1785.0
17.5°	1717.0	1738.6	1760.2	1760.5	1760.8	1741.4	1722.0	1704.2	1686.4	1673.8
20°	1734.9	1742.5	1750.0	1727.3	1704.5	1661.6	1618.8	1587.6	1556.4	1537.2
22.5°	1755.8	1745.9	1736.0	1688.9	1641.7	1578.7	1515.6	1476.6	1437.6	1416.4
25°	1782.6	1751.5	1720.3	1648.7	1577.1	1500.5	1424.0	1383.0	1342.0	1322.0
27.5°	1819.0	1763.4	1707.6	1612.7	1517.9	1433.1	1348.3	1307.9	1267.6	1248.6
30°	1868.2	1785.1	1702.1	1585.3	1468.6	1380.2	1291.8	1254.4	1216.9	1199.3
32.5°	1926.2	1812.4	1698.7	1566.6	1434.5	1351.5	1268.4	1239.0	1209.6	1196.9
35°	1996.6	1857.4	1718.3	1580.6	1443.0	1385.3	1327.6	1320.8	1313.9	1312.9
37.5°	2115.3	1951.5	1787.8	1662.7	1537.6	1533.8	1530.1	1561.5	1592.8	1609.1
40°	2294.5	2116.5	1938.4	1845.4	1752.3	1818.0	1883.7	1959.9	2036.1	2074.1
42.5°	2532.3	2355.6	2178.9	2125.3	2071.8	2215.0	2358.2	2496.8	2635.4	2716.8
45°	2825.9	2667.2	2508.4	2484.8	2461.1	2690.6	2920.1	3147.8	3375.7	3514.0
47.5°	3193.0	3038.7	2884.2	2879.4	2874.6	3205.6	3536.6	3870.0	4203.5	4399.3
50°	3674.3	3483.6	3292.9	3293.7	3294.5	3721.1	4147.7	4587.9	5028.1	5294.2
52.5°	4226.7	3995.8	3764.9	3741.5	3718.1	4227.7	4737.3	5281.9	5826.5	6145.5
55°	4814.8	4586.7	4358.5	4267.5	4176.5	4743.6	5310.7	5960.0	6609.2	6988.6
57.5°	5349.8	5225.5	5101.2	4918.7	4736.1	5308.8	5881.4	6616.8	7352.2	7822.6
60°	5673.1	5866.1	6059.1	5832.4	5605.6	6147.6	6689.5	7476.8	8264.2	8772.7
62.5°	5508.9	6036.2	6563.5	6538.0	6512.4	7008.8	7505.3	8254.4	9003.5	9473.4
65°	5180.3	5675.2	6170.1	6268.1	6366.0	6996.8	7627.8	8354.2	9080.5	9480.6
67.5°	4740.1	5210.8	5681.5	5727.4	5773.3	6430.6	7087.9	7817.4	8546.9	8860.4
70°	4211.1	4723.1	5235.1	5255.6	5276.2	5864.0	6451.8	7079.6	7707.4	7881.6
72.5°	3580.8	4168.3	4755.9	4770.7	4785.4	5245.3	5705.2	6175.4	6645.5	6663.1
75°	2783.5	3391.5	3999.6	4054.2	4108.8	4466.6	4824.4	5155.4	5486.4	5397.7
77.5°	1988.7	2556.4	3124.0	3202.1	3280.3	3552.3	3824.3	4059.0	4293.8	4141.4
80°	1301.6	1779.2	2256.7	2353.8	2450.9	2656.3	2861.7	2985.0	3108.2	2863.0
82.5°	756.6	1083.1	1409.6	1518.1	1626.6	1768.0	1909.4	1960.8	2012.2	1819.5
85°	332.9	506.2	679.4	771.7	864.0	980.2	1096.3	1125.5	1154.7	1000.4
87.5°	103.1	161.3	219.5	271.0	322.5	380.6	438.7	441.2	443.6	372.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1380.9	2.5°	1378.8	1376.6	1372.3	1368.0	1360.8	1353.5	1348.4	1343.3	1333.0	1322.7
1546.2	5°	1540.4	1534.6	1525.0	1515.4	1497.7	1480.1	1462.2	1444.5	1421.7	1398.9
1704.2	7.5°	1695.8	1687.3	1671.7	1656.0	1630.0	1603.9	1575.0	1546.1	1508.5	1471.0
1806.8	10°	1798.6	1790.4	1772.0	1753.5	1722.9	1692.4	1658.2	1624.0	1576.5	1529.0
1836.8	12.5°	1832.3	1827.8	1814.4	1800.9	1773.4	1745.8	1708.8	1671.7	1619.5	1567.3
1790.7	15°	1795.5	1800.3	1799.8	1799.3	1781.9	1764.6	1732.7	1700.7	1646.3	1591.8
1686.4	17.5°	1704.2	1722.0	1741.4	1760.8	1760.5	1760.2	1738.6	1717.0	1661.8	1606.6
1556.4	20°	1587.6	1618.8	1661.6	1704.5	1727.3	1750.0	1742.5	1734.9	1677.6	1620.2
1437.6	22.5°	1476.6	1515.6	1578.7	1641.7	1688.9	1736.0	1745.9	1755.8	1697.2	1638.6
1342.0	25°	1383.0	1424.0	1500.5	1577.1	1648.7	1720.3	1751.5	1782.6	1725.2	1667.8
1267.6	27.5°	1307.9	1348.3	1433.1	1517.9	1612.7	1707.6	1763.4	1819.0	1764.3	1709.5
1216.9	30°	1254.4	1291.8	1380.2	1468.6	1585.3	1702.1	1785.1	1868.2	1815.3	1762.4
1209.6	32.5°	1239.0	1268.4	1351.5	1434.5	1566.6	1698.7	1812.4	1926.2	1873.8	1821.4
1313.9	35°	1320.8	1327.6	1385.3	1443.0	1580.6	1718.3	1857.4	1996.6	1946.5	1896.3
1592.8	37.5°	1561.5	1530.1	1533.8	1537.6	1662.7	1787.8	1951.5	2115.3	2051.3	1987.4
2036.1	40°	1959.9	1883.7	1818.0	1752.3	1845.4	1938.4	2116.5	2294.5	2201.4	2108.2
2635.4	42.5°	2496.8	2358.2	2215.0	2071.8	2125.3	2178.9	2355.6	2532.3	2397.8	2263.3
3375.7	45°	3147.8	2920.1	2690.6	2461.1	2484.8	2508.4	2667.2	2825.9	2644.5	2463.0
4203.5	47.5°	3870.0	3536.6	3205.6	2874.6	2879.4	2884.2	3038.7	3193.0	2937.7	2682.3
5028.1	50°	4587.9	4147.7	3721.1	3294.5	3293.7	3292.9	3483.6	3674.3	3289.3	2904.3
5826.5	52.5°	5281.9	4737.3	4227.7	3718.1	3741.5	3764.9	3995.8	4226.7	3658.7	3090.7
6609.2	55°	5960.0	5310.7	4743.6	4176.5	4267.5	4358.5	4586.7	4814.8	3986.2	3157.6
7352.2	57.5°	6616.8	5881.4	5308.8	4736.1	4918.7	5101.2	5225.5	5349.8	4218.3	3086.8
8264.2	60°	7476.8	6689.5	6147.6	5605.6	5832.4	6059.1	5866.1	5673.1	4276.3	2879.4
9003.5	62.5°	8254.4	7505.3	7008.8	6512.4	6538.0	6563.5	6036.2	5508.9	4032.1	2555.2
9080.5	65°	8354.2	7627.8	6996.8	6366.0	6268.1	6170.1	5675.2	5180.3	3686.5	2192.7
8546.9	67.5°	7817.4	7087.9	6430.6	5773.3	5727.4	5681.5	5210.8	4740.1	3275.3	1810.5
7707.4	70°	7079.6	6451.8	5864.0	5276.2	5255.6	5235.1	4723.1	4211.1	2826.6	1442.1
6645.5	72.5°	6175.4	5705.2	5245.3	4785.4	4770.7	4755.9	4168.3	3580.8	2340.2	1099.6
5486.4	75°	5155.4	4824.4	4466.6	4108.8	4054.2	3999.6	3391.5	2783.5	1782.6	781.7
4293.8	77.5°	4059.0	3824.3	3552.3	3280.3	3202.1	3124.0	2556.4	1988.7	1247.6	506.6
3108.2	80°	2985.0	2861.7	2656.3	2450.9	2353.8	2256.7	1779.2	1301.6	803.8	306.1
2012.2	82.5°	1960.8	1909.4	1768.0	1626.6	1518.1	1409.6	1083.1	756.6	465.2	173.9
1154.7	85°	1125.5	1096.3	980.2	864.0	771.7	679.4	506.2	332.9	209.3	85.7
443.6	87.5°	441.2	438.7	380.6	322.5	271.0	219.5	161.3	103.1	68.5	34.0
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1311.7	2.5°	1300.8	1289.8	1278.8	1268.2	1257.7	1247.5	1236.1	1226.9	1217.7	1209.4
1376.2	5°	1353.5	1330.7	1307.8	1286.5	1265.2	1245.1	1225.2	1207.8	1190.4	1175.8
1436.3	7.5°	1401.6	1367.8	1334.0	1304.2	1274.4	1247.0	1221.2	1198.1	1175.1	1155.9
1483.1	10°	1437.3	1396.2	1355.2	1320.0	1284.7	1250.8	1223.1	1198.8	1174.4	1155.3
1515.3	12.5°	1463.4	1415.0	1366.6	1326.7	1286.9	1251.3	1225.5	1205.6	1185.8	1173.0
1535.5	15°	1479.1	1423.4	1367.6	1321.5	1275.4	1235.9	1215.3	1205.8	1196.3	1198.0
1545.1	17.5°	1483.6	1418.9	1354.2	1298.7	1243.3	1196.9	1184.2	1187.7	1191.1	1212.0
1552.6	20°	1485.1	1406.6	1328.2	1259.5	1190.7	1136.7	1133.4	1149.7	1166.0	1202.2
1562.8	22.5°	1487.0	1391.6	1296.2	1213.4	1130.6	1069.1	1075.7	1099.8	1123.9	1165.3
1581.2	25°	1494.5	1376.7	1259.0	1162.0	1065.1	1002.0	1019.8	1047.6	1075.4	1112.6
1610.0	27.5°	1510.4	1366.8	1223.2	1115.0	1006.7	949.3	970.9	997.7	1024.6	1055.2
1647.2	30°	1532.0	1362.2	1192.2	1075.7	959.1	911.0	927.9	949.2	970.5	995.9
1686.1	32.5°	1550.7	1356.4	1162.0	1041.8	921.5	882.7	890.2	902.8	915.4	935.7
1730.4	35°	1564.4	1345.6	1126.8	1008.5	890.1	857.8	854.6	858.1	861.6	877.1
1780.0	37.5°	1572.6	1327.0	1081.5	969.2	857.0	828.8	817.3	813.5	809.7	820.8
1843.0	40°	1577.7	1301.5	1025.3	922.5	819.7	794.0	776.5	767.8	759.2	767.2
1925.4	42.5°	1587.4	1275.1	962.9	870.8	778.8	755.2	733.1	721.6	710.1	716.6
2033.8	45°	1604.5	1250.6	896.7	816.0	735.3	711.3	690.0	678.8	667.6	673.1
2149.3	47.5°	1616.3	1230.4	844.5	772.6	700.8	669.9	651.5	642.1	632.7	637.9
2256.5	50°	1608.6	1208.3	808.1	743.8	679.6	638.9	617.6	609.3	601.0	609.0
2326.1	52.5°	1561.4	1171.1	780.8	724.8	668.9	622.2	592.4	584.1	575.9	588.0
2310.7	55°	1463.9	1109.4	754.8	711.1	667.3	623.8	578.9	565.9	552.9	570.1
2202.8	57.5°	1318.9	1022.3	725.7	694.8	663.9	625.5	570.9	551.9	532.9	551.4
2001.9	60°	1124.4	909.3	694.2	669.9	645.6	620.3	563.3	538.7	514.1	530.3
1730.3	62.5°	905.4	774.0	642.7	626.5	610.4	607.3	554.5	523.7	493.0	503.3
1453.1	65°	713.6	652.3	591.0	583.4	575.8	576.2	535.9	503.2	470.5	474.4
1181.6	67.5°	552.8	535.4	517.9	522.2	526.4	525.3	502.7	475.5	448.3	447.0
930.4	70°	418.7	423.7	428.6	448.4	468.1	468.1	460.6	441.3	421.9	417.6
711.3	72.5°	323.0	338.0	353.0	381.0	409.0	413.7	413.8	400.5	387.2	380.9
516.2	75°	250.8	264.4	278.0	309.4	340.7	362.4	360.6	350.3	340.1	334.0
349.8	77.5°	193.1	202.3	211.6	242.1	272.5	308.2	307.2	299.1	290.9	284.7
225.4	80°	144.8	148.6	152.4	178.2	204.0	246.6	246.5	239.6	232.7	227.6
138.6	82.5°	103.4	104.1	104.9	123.9	142.8	179.3	181.3	177.9	174.6	170.9
74.1	85°	62.6	62.2	61.8	75.7	89.6	116.7	119.4	115.8	112.2	108.1
30.7	87.5°	27.4	27.1	26.7	32.4	38.1	49.4	52.7	51.3	49.9	49.1
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1201.2	2.5°	1194.0	1186.7	1179.4	1172.2	1166.6	1160.9	1156.4	1151.8	1148.3	1144.7
1161.3	5°	1148.5	1135.6	1124.0	1112.3	1103.3	1094.3	1088.0	1081.7	1077.3	1072.8
1136.7	7.5°	1120.6	1104.4	1090.1	1075.9	1065.2	1054.5	1047.0	1039.6	1034.4	1029.4
1136.1	10°	1118.7	1101.3	1085.2	1069.1	1056.4	1043.6	1035.3	1026.8	1022.0	1017.1
1160.4	12.5°	1146.6	1133.0	1116.4	1099.8	1083.5	1067.2	1056.4	1045.7	1040.2	1034.9
1199.8	15°	1196.2	1192.7	1178.2	1163.8	1140.6	1117.4	1101.0	1084.6	1077.1	1069.6
1232.9	17.5°	1244.0	1255.1	1243.5	1231.9	1201.1	1170.4	1146.3	1122.1	1111.0	1099.8
1238.6	20°	1261.8	1285.1	1279.7	1274.3	1239.2	1204.1	1174.4	1144.9	1130.6	1116.4
1206.9	22.5°	1237.1	1267.3	1270.6	1273.8	1240.3	1206.7	1176.2	1145.7	1130.7	1115.6
1149.9	25°	1179.7	1209.4	1220.6	1231.6	1204.1	1176.7	1149.5	1122.5	1109.5	1096.5
1085.8	27.5°	1109.6	1133.5	1145.9	1158.3	1138.7	1119.1	1098.1	1077.0	1068.3	1059.6
1021.4	30°	1041.1	1061.0	1071.1	1081.1	1066.2	1051.3	1036.2	1021.1	1016.6	1012.1
956.0	32.5°	975.0	994.0	1005.2	1016.4	1002.7	988.9	976.9	964.9	962.0	959.0
892.5	35°	911.3	930.1	943.6	957.0	947.2	937.5	926.3	915.3	910.8	906.4
831.9	37.5°	850.6	869.4	886.0	902.6	898.1	893.6	883.4	873.1	865.0	856.9
775.2	40°	793.3	811.4	830.5	849.6	850.7	851.8	843.1	834.4	822.6	810.9
723.2	42.5°	740.4	757.6	778.2	798.8	804.3	809.8	802.5	795.2	780.6	766.0
678.6	45°	694.9	711.2	732.6	754.0	761.9	769.8	763.2	756.6	739.9	723.2
643.0	47.5°	659.0	674.9	696.0	717.1	726.2	735.3	730.7	726.1	711.2	696.4
617.1	50°	632.2	647.2	666.1	685.0	696.7	708.4	708.1	707.9	696.0	684.1
600.1	52.5°	613.9	627.7	645.3	662.9	676.8	690.6	693.1	695.6	685.9	676.2
587.3	55°	602.1	617.0	632.4	647.8	662.5	677.2	680.6	684.1	675.7	667.2
569.9	57.5°	587.4	604.8	620.1	635.3	650.2	664.9	668.4	671.9	663.4	654.9
546.5	60°	566.6	586.6	602.1	617.6	632.5	647.3	651.2	655.0	646.7	638.4
513.6	62.5°	536.9	560.3	576.9	593.4	607.0	620.6	624.3	628.0	620.5	613.0
478.4	65°	503.4	528.5	544.3	560.1	572.1	584.1	587.8	591.6	584.3	577.1
445.8	67.5°	468.9	492.0	507.0	522.0	532.3	542.7	546.4	550.0	543.4	536.8
413.3	70°	433.6	453.9	466.9	479.8	489.2	498.5	502.0	505.6	500.2	494.8
374.6	72.5°	390.6	406.6	418.3	430.0	439.1	448.3	452.5	456.7	452.2	447.7
328.0	75°	339.8	351.7	362.3	372.9	381.3	389.6	394.0	398.4	396.2	394.0
278.6	77.5°	288.3	297.9	307.0	316.1	324.9	333.6	337.7	341.9	338.8	335.6
222.4	80°	230.5	238.5	246.1	253.8	260.5	267.1	272.5	278.0	276.7	275.4
167.3	82.5°	166.6	165.9	163.3	160.6	174.8	189.0	198.2	207.5	207.0	206.4
104.0	85°	100.6	97.1	89.6	82.2	95.5	108.8	120.3	131.8	130.9	129.9
48.3	87.5°	48.2	48.0	42.4	36.7	42.2	47.8	52.5	57.1	56.0	54.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1141.5	2.5°	1138.2	1134.1	1138.2	1141.5	1144.7	1148.3	1151.8	1156.4	1160.9	1166.6
1069.4	5°	1066.0	1062.7	1066.0	1069.4	1072.8	1077.3	1081.7	1088.0	1094.3	1103.3
1026.3	7.5°	1023.3	1021.0	1023.3	1026.3	1029.4	1034.4	1039.6	1047.0	1054.5	1065.2
1014.5	10°	1012.0	1010.9	1012.0	1014.5	1017.1	1022.0	1026.8	1035.3	1043.6	1056.4
1032.7	12.5°	1030.5	1030.1	1030.5	1032.7	1034.9	1040.2	1045.7	1056.4	1067.2	1083.5
1066.7	15°	1063.9	1063.6	1063.9	1066.7	1069.6	1077.1	1084.6	1101.0	1117.4	1140.6
1096.2	17.5°	1092.5	1091.9	1092.5	1096.2	1099.8	1111.0	1122.1	1146.3	1170.4	1201.1
1111.8	20°	1107.2	1105.8	1107.2	1111.8	1116.4	1130.6	1144.9	1174.4	1204.1	1239.2
1110.6	22.5°	1105.6	1103.4	1105.6	1110.6	1115.6	1130.7	1145.7	1176.2	1206.7	1240.3
1091.7	25°	1087.0	1084.2	1087.0	1091.7	1096.5	1109.5	1122.5	1149.5	1176.7	1204.1
1057.4	27.5°	1055.2	1054.5	1055.2	1057.4	1059.6	1068.3	1077.0	1098.1	1119.1	1138.7
1012.1	30°	1012.1	1012.8	1012.1	1012.1	1012.1	1016.6	1021.1	1036.2	1051.3	1066.2
959.4	32.5°	959.9	960.6	959.9	959.4	959.0	962.0	964.9	976.9	988.9	1002.7
905.5	35°	904.5	904.0	904.5	905.5	906.4	910.8	915.3	926.3	937.5	947.2
852.7	37.5°	848.4	846.0	848.4	852.7	856.9	865.0	873.1	883.4	893.6	898.1
803.0	40°	795.1	790.4	795.1	803.0	810.9	822.6	834.4	843.1	851.8	850.7
754.4	42.5°	742.9	735.3	742.9	754.4	766.0	780.6	795.2	802.5	809.8	804.3
709.6	45°	696.1	687.4	696.1	709.6	723.2	739.9	756.6	763.2	769.8	761.9
683.8	47.5°	671.3	662.9	671.3	683.8	696.4	711.2	726.1	730.7	735.3	726.2
672.5	50°	660.9	652.8	660.9	672.5	684.1	696.0	707.9	708.1	708.4	696.7
665.8	52.5°	655.5	648.1	655.5	665.8	676.2	685.9	695.6	693.1	690.6	676.8
658.1	55°	649.0	642.3	649.0	658.1	667.2	675.7	684.1	680.6	677.2	662.5
645.8	57.5°	636.8	629.8	636.8	645.8	654.9	663.4	671.9	668.4	664.9	650.2
629.1	60°	619.8	612.6	619.8	629.1	638.4	646.7	655.0	651.2	647.3	632.5
603.2	62.5°	593.4	584.8	593.4	603.2	613.0	620.5	628.0	624.3	620.6	607.0
567.6	65°	558.2	550.7	558.2	567.6	577.1	584.3	591.6	587.8	584.1	572.1
527.9	67.5°	519.1	512.4	519.1	527.9	536.8	543.4	550.0	546.4	542.7	532.3
486.3	70°	477.9	470.2	477.9	486.3	494.8	500.2	505.6	502.0	498.5	489.2
439.6	72.5°	431.6	424.2	431.6	439.6	447.7	452.2	456.7	452.5	448.3	439.1
387.2	75°	380.5	373.4	380.5	387.2	394.0	396.2	398.4	394.0	389.6	381.3
328.8	77.5°	322.0	316.4	322.0	328.8	335.6	338.8	341.9	337.7	333.6	324.9
266.2	80°	257.0	246.4	257.0	266.2	275.4	276.7	278.0	272.5	267.1	260.5
198.6	82.5°	190.9	184.1	190.9	198.6	206.4	207.0	207.5	198.2	189.0	174.8
123.9	85°	117.8	111.7	117.8	123.9	129.9	130.9	131.8	120.3	108.8	95.5
51.7	87.5°	48.5	45.5	48.5	51.7	54.7	56.0	57.1	52.5	47.8	42.2
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1172.2	2.5°	1179.4	1186.7	1194.0	1201.2	1209.4	1217.7	1226.9	1236.1	1247.5	1257.7
1112.3	5°	1124.0	1135.6	1148.5	1161.3	1175.8	1190.4	1207.8	1225.2	1245.1	1265.2
1075.9	7.5°	1090.1	1104.4	1120.6	1136.7	1155.9	1175.1	1198.1	1221.2	1247.0	1274.4
1069.1	10°	1085.2	1101.3	1118.7	1136.1	1155.3	1174.4	1198.8	1223.1	1250.8	1284.7
1099.8	12.5°	1116.4	1133.0	1146.6	1160.4	1173.0	1185.8	1205.6	1225.5	1251.3	1286.9
1163.8	15°	1178.2	1192.7	1196.2	1199.8	1198.0	1196.3	1205.8	1215.3	1235.9	1275.4
1231.9	17.5°	1243.5	1255.1	1244.0	1232.9	1212.0	1191.1	1187.7	1184.2	1196.9	1243.3
1274.3	20°	1279.7	1285.1	1261.8	1238.6	1202.2	1166.0	1149.7	1133.4	1136.7	1190.7
1273.8	22.5°	1270.6	1267.3	1237.1	1206.9	1165.3	1123.9	1099.8	1075.7	1069.1	1130.6
1231.6	25°	1220.6	1209.4	1179.7	1149.9	1112.6	1075.4	1047.6	1019.8	1002.0	1065.1
1158.3	27.5°	1145.9	1133.5	1109.6	1085.8	1055.2	1024.6	997.7	970.9	949.3	1006.7
1081.1	30°	1071.1	1061.0	1041.1	1021.4	995.9	970.5	949.2	927.9	911.0	959.1
1016.4	32.5°	1005.2	994.0	975.0	956.0	935.7	915.4	902.8	890.2	882.7	921.5
957.0	35°	943.6	930.1	911.3	892.5	877.1	861.6	858.1	854.6	857.8	890.1
902.6	37.5°	886.0	869.4	850.6	831.9	820.8	809.7	813.5	817.3	828.8	857.0
849.6	40°	830.5	811.4	793.3	775.2	767.2	759.2	767.8	776.5	794.0	819.7
798.8	42.5°	778.2	757.6	740.4	723.2	716.6	710.1	721.6	733.1	755.2	778.8
754.0	45°	732.6	711.2	694.9	678.6	673.1	667.6	678.8	690.0	711.3	735.3
717.1	47.5°	696.0	674.9	659.0	643.0	637.9	632.7	642.1	651.5	669.9	700.8
685.0	50°	666.1	647.2	632.2	617.1	609.0	601.0	609.3	617.6	638.9	679.6
662.9	52.5°	645.3	627.7	613.9	600.1	588.0	575.9	584.1	592.4	622.2	668.9
647.8	55°	632.4	617.0	602.1	587.3	570.1	552.9	565.9	578.9	623.8	667.3
635.3	57.5°	620.1	604.8	587.4	569.9	551.4	532.9	551.9	570.9	625.5	663.9
617.6	60°	602.1	586.6	566.6	546.5	530.3	514.1	538.7	563.3	620.3	645.6
593.4	62.5°	576.9	560.3	536.9	513.6	503.3	493.0	523.7	554.5	607.3	610.4
560.1	65°	544.3	528.5	503.4	478.4	474.4	470.5	503.2	535.9	576.2	575.8
522.0	67.5°	507.0	492.0	468.9	445.8	447.0	448.3	475.5	502.7	525.3	526.4
479.8	70°	466.9	453.9	433.6	413.3	417.6	421.9	441.3	460.6	468.1	468.1
430.0	72.5°	418.3	406.6	390.6	374.6	380.9	387.2	400.5	413.8	413.7	409.0
372.9	75°	362.3	351.7	339.8	328.0	334.0	340.1	350.3	360.6	362.4	340.7
316.1	77.5°	307.0	297.9	288.3	278.6	284.7	290.9	299.1	307.2	308.2	272.5
253.8	80°	246.1	238.5	230.5	222.4	227.6	232.7	239.6	246.5	246.6	204.0
160.6	82.5°	163.3	165.9	166.6	167.3	170.9	174.6	177.9	181.3	179.3	142.8
82.2	85°	89.6	97.1	100.6	104.0	108.1	112.2	115.8	119.4	116.7	89.6
36.7	87.5°	42.4	48.0	48.2	48.3	49.1	49.9	51.3	52.7	49.4	38.1
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°
1249.1	0°	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1	1249.1
1268.2	2.5°	1278.8	1289.8	1300.8	1311.7	1322.7	1333.0	1343.3
1286.5	5°	1307.8	1330.7	1353.5	1376.2	1398.9	1421.7	1444.5
1304.2	7.5°	1334.0	1367.8	1401.6	1436.3	1471.0	1508.5	1546.1
1320.0	10°	1355.2	1396.2	1437.3	1483.1	1529.0	1576.5	1624.0
1326.7	12.5°	1366.6	1415.0	1463.4	1515.3	1567.3	1619.5	1671.7
1321.5	15°	1367.6	1423.4	1479.1	1535.5	1591.8	1646.3	1700.7
1298.7	17.5°	1354.2	1418.9	1483.6	1545.1	1606.6	1661.8	1717.0
1259.5	20°	1328.2	1406.6	1485.1	1552.6	1620.2	1677.6	1734.9
1213.4	22.5°	1296.2	1391.6	1487.0	1562.8	1638.6	1697.2	1755.8
1162.0	25°	1259.0	1376.7	1494.5	1581.2	1667.8	1725.2	1782.6
1115.0	27.5°	1223.2	1366.8	1510.4	1610.0	1709.5	1764.3	1819.0
1075.7	30°	1192.2	1362.2	1532.0	1647.2	1762.4	1815.3	1868.2
1041.8	32.5°	1162.0	1356.4	1550.7	1686.1	1821.4	1873.8	1926.2
1008.5	35°	1126.8	1345.6	1564.4	1730.4	1896.3	1946.5	1996.6
969.2	37.5°	1081.5	1327.0	1572.6	1780.0	1987.4	2051.3	2115.3
922.5	40°	1025.3	1301.5	1577.7	1843.0	2108.2	2201.4	2294.5
870.8	42.5°	962.9	1275.1	1587.4	1925.4	2263.3	2397.8	2532.3
816.0	45°	896.7	1250.6	1604.5	2033.8	2463.0	2644.5	2825.9
772.6	47.5°	844.5	1230.4	1616.3	2149.3	2682.3	2937.7	3193.0
743.8	50°	808.1	1208.3	1608.6	2256.5	2904.3	3289.3	3674.3
724.8	52.5°	780.8	1171.1	1561.4	2326.1	3090.7	3658.7	4226.7
711.1	55°	754.8	1109.4	1463.9	2310.7	3157.6	3986.2	4814.8
694.8	57.5°	725.7	1022.3	1318.9	2202.8	3086.8	4218.3	5349.8
669.9	60°	694.2	909.3	1124.4	2001.9	2879.4	4276.3	5673.1
626.5	62.5°	642.7	774.0	905.4	1730.3	2555.2	4032.1	5508.9
583.4	65°	591.0	652.3	713.6	1453.1	2192.7	3686.5	5180.3
522.2	67.5°	517.9	535.4	552.8	1181.6	1810.5	3275.3	4740.1
448.4	70°	428.6	423.7	418.7	930.4	1442.1	2826.6	4211.1
381.0	72.5°	353.0	338.0	323.0	711.3	1099.6	2340.2	3580.8
309.4	75°	278.0	264.4	250.8	516.2	781.7	1782.6	2783.5
242.1	77.5°	211.6	202.3	193.1	349.8	506.6	1247.6	1988.7
178.2	80°	152.4	148.6	144.8	225.4	306.1	803.8	1301.6
123.9	82.5°	104.9	104.1	103.4	138.6	173.9	465.2	756.6
75.7	85°	61.8	62.2	62.6	74.1	85.7	209.3	332.9
32.4	87.5°	26.7	27.1	27.4	30.7	34.0	68.5	103.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)