

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: P946772

Luminaire Tested: **GALN-SB2B-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946772
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-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9757 lumens
Efficiency: N/A
Efficacy: 132.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

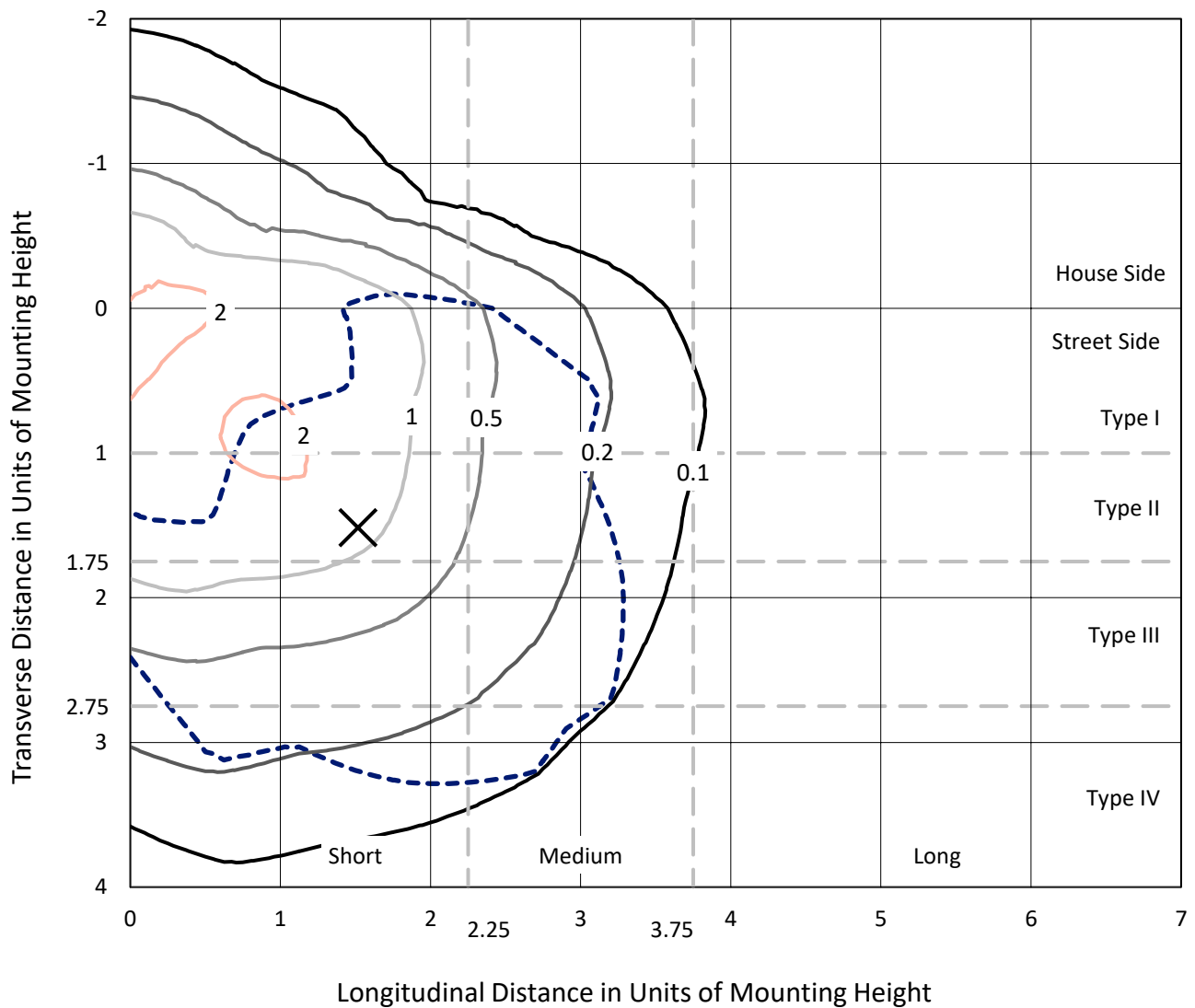
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

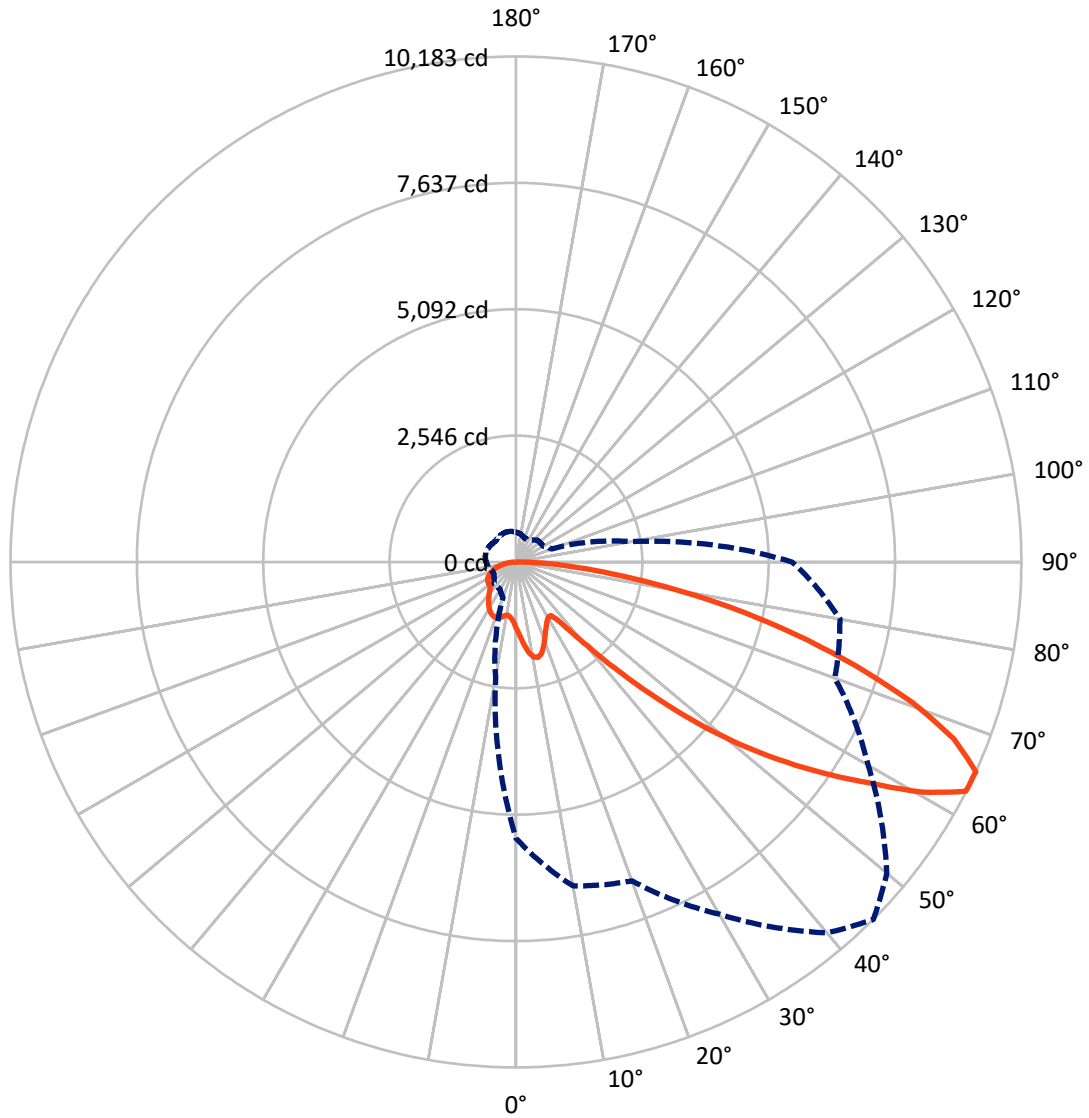
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2479.7	0.0	2479.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7277.3	0.0	7277.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	9757.0	0.0	9757.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.1	1.4
10°-20°	417.8	4.3
20°-30°	645.4	6.6
30°-40°	817.8	8.4
40°-50°	1233.5	12.6
50°-60°	1992.9	20.4
60°-70°	2484.5	25.5
70°-80°	1629.2	16.7
80°-90°	402.8	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°	9757.0	100.0
0°-180°	9757.0	100.0

Coefficient of Utilization



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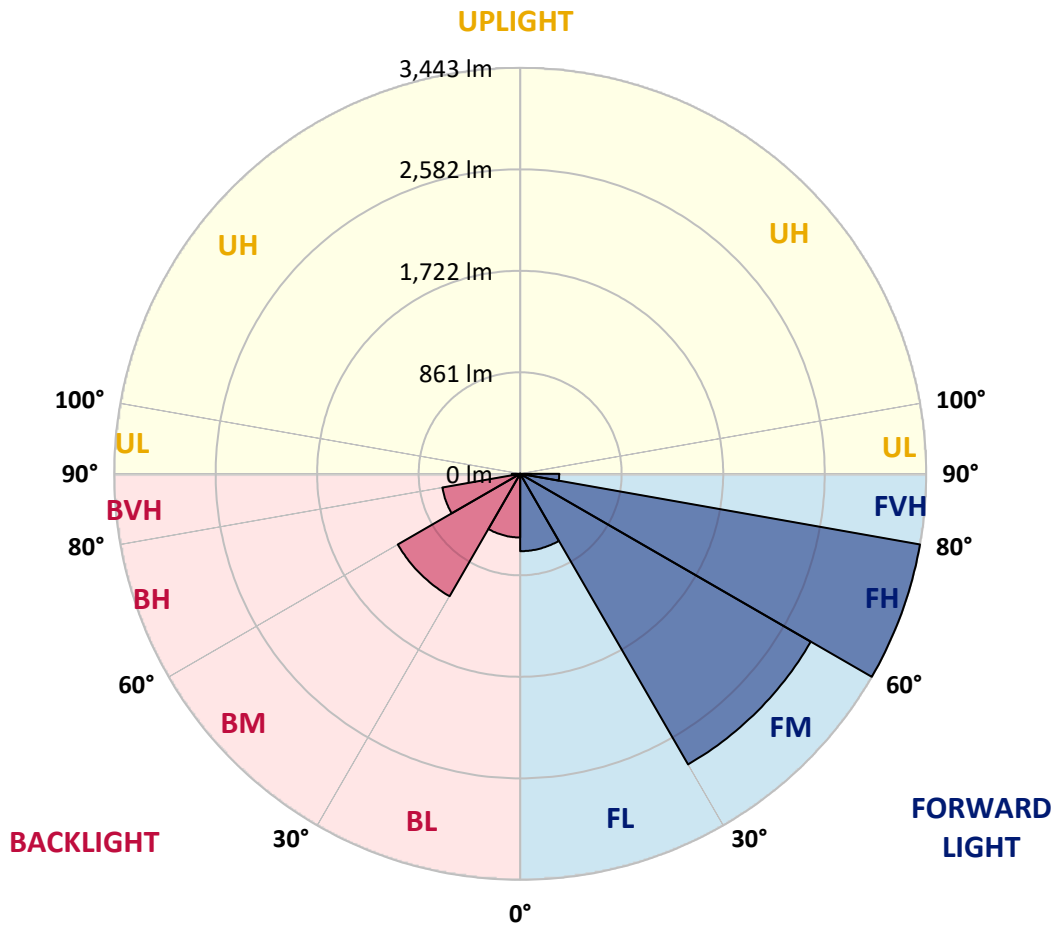
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	656.3	6.7			
FM (30°-60°)	2845.9	29.2			
FH (60°-80°)	3443.3	35.3			G2/5000
FVH (80°-90°)	331.8	3.4			G3/500
BL (0°-30°)	540.0	5.5	B2/1000		
BM (30°-60°)	1198.4	12.3	B2/2500		
BH (60°-80°)	670.4	6.9	B2/1000		G2/1000
BVH (80°-90°)	71.0	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°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
2.5°	1442.8	1448.3	1453.8	1461.6	1469.4	1474.0	1478.6	1480.9	1483.3	1482.2
5°	1551.5	1570.6	1589.7	1608.7	1627.7	1638.0	1648.3	1654.5	1660.8	1665.5
7.5°	1660.6	1691.7	1722.8	1750.7	1778.7	1795.5	1812.3	1821.5	1830.5	1834.9
10°	1744.3	1781.0	1817.8	1850.6	1883.4	1903.3	1923.0	1931.9	1940.7	1944.0
12.5°	1795.5	1835.4	1875.1	1904.8	1934.4	1948.8	1963.2	1968.0	1972.9	1973.4
15°	1826.7	1861.0	1895.4	1914.0	1932.6	1933.1	1933.6	1928.5	1923.3	1917.3
17.5°	1844.2	1867.4	1890.6	1891.0	1891.3	1870.4	1849.6	1830.5	1811.3	1797.8
20°	1863.5	1871.5	1879.7	1855.2	1830.8	1784.7	1738.7	1705.2	1671.7	1651.1
22.5°	1885.9	1875.3	1864.6	1814.0	1763.3	1695.6	1627.9	1586.0	1544.1	1521.4
25°	1914.7	1881.2	1847.8	1770.8	1693.9	1611.7	1529.5	1485.4	1441.4	1419.9
27.5°	1953.8	1894.0	1834.1	1732.2	1630.4	1539.3	1448.1	1404.8	1361.5	1341.2
30°	2006.6	1917.4	1828.2	1702.8	1577.4	1482.4	1387.5	1347.3	1307.1	1288.1
32.5°	2068.9	1946.7	1824.6	1682.7	1540.8	1451.6	1362.4	1330.8	1299.2	1285.6
35°	2144.6	1995.1	1845.6	1697.7	1549.9	1487.9	1426.0	1418.6	1411.3	1410.1
37.5°	2272.0	2096.1	1920.2	1785.9	1651.5	1647.5	1643.5	1677.1	1710.8	1728.3
40°	2464.5	2273.3	2082.0	1982.1	1882.1	1952.7	2023.2	2105.1	2186.9	2227.7
42.5°	2719.9	2530.1	2340.4	2282.8	2225.2	2379.1	2532.9	2681.8	2830.7	2918.1
45°	3035.2	2864.8	2694.3	2668.9	2643.4	2889.9	3136.4	3381.1	3625.8	3774.3
47.5°	3429.6	3263.8	3097.9	3092.7	3087.6	3443.1	3798.6	4156.8	4514.9	4725.2
50°	3946.5	3741.6	3536.8	3537.7	3538.6	3996.8	4455.0	4927.8	5400.6	5686.4
52.5°	4539.9	4291.8	4043.8	4018.7	3993.6	4540.9	5088.3	5673.2	6258.1	6600.8
55°	5171.6	4926.5	4681.4	4583.7	4485.9	5095.1	5704.2	6401.5	7098.9	7506.4
57.5°	5746.1	5612.7	5479.2	5283.1	5087.0	5702.1	6317.2	7107.0	7896.9	8402.2
60°	6093.4	6300.7	6508.0	6264.5	6020.9	6603.0	7185.1	8030.8	8876.4	9422.6
62.5°	5917.0	6483.4	7049.8	7022.4	6994.9	7528.1	8061.4	8865.9	9670.5	10175.3
65°	5564.1	6095.7	6627.3	6732.5	6837.6	7515.2	8192.9	8973.1	9753.2	10183.0
67.5°	5091.2	5596.8	6102.4	6151.7	6201.0	6907.0	7613.0	8396.6	9180.1	9516.8
70°	4523.1	5073.0	5623.0	5645.0	5667.1	6298.5	6929.8	7604.1	8278.4	8465.5
72.5°	3846.1	4477.1	5108.2	5124.1	5139.9	5633.9	6127.9	6632.9	7137.8	7156.8
75°	2989.7	3642.8	4295.9	4354.6	4413.2	4797.5	5181.9	5537.4	5892.9	5797.6
77.5°	2136.1	2745.7	3355.5	3439.4	3523.3	3815.5	4107.6	4359.8	4611.9	4448.2
80°	1398.0	1911.0	2423.9	2528.2	2632.5	2853.1	3073.7	3206.1	3338.5	3075.1
82.5°	812.7	1163.3	1514.0	1630.5	1747.1	1899.0	2050.9	2106.1	2161.3	1954.3
85°	357.6	543.7	729.8	828.9	928.0	1052.8	1177.5	1208.9	1240.2	1074.5
87.5°	110.7	173.2	235.8	291.1	346.4	408.8	471.2	473.9	476.5	400.0
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1483.3	2.5°	1480.9	1478.6	1474.0	1469.4	1461.6	1453.8	1448.3	1442.8	1431.8	1420.7
1660.8	5°	1654.5	1648.3	1638.0	1627.7	1608.7	1589.7	1570.6	1551.5	1527.0	1502.6
1830.5	7.5°	1821.5	1812.3	1795.5	1778.7	1750.7	1722.8	1691.7	1660.6	1620.3	1579.9
1940.7	10°	1931.9	1923.0	1903.3	1883.4	1850.6	1817.8	1781.0	1744.3	1693.3	1642.2
1972.9	12.5°	1968.0	1963.2	1948.8	1934.4	1904.8	1875.1	1835.4	1795.5	1739.4	1683.4
1923.3	15°	1928.5	1933.6	1933.1	1932.6	1914.0	1895.4	1861.0	1826.7	1768.2	1709.8
1811.3	17.5°	1830.5	1849.6	1870.4	1891.3	1891.0	1890.6	1867.4	1844.2	1784.9	1725.6
1671.7	20°	1705.2	1738.7	1784.7	1830.8	1855.2	1879.7	1871.5	1863.5	1801.9	1740.3
1544.1	22.5°	1586.0	1627.9	1695.6	1763.3	1814.0	1864.6	1875.3	1885.9	1822.9	1760.0
1441.4	25°	1485.4	1529.5	1611.7	1693.9	1770.8	1847.8	1881.2	1914.7	1853.0	1791.4
1361.5	27.5°	1404.8	1448.1	1539.3	1630.4	1732.2	1834.1	1894.0	1953.8	1895.0	1836.2
1307.1	30°	1347.3	1387.5	1482.4	1577.4	1702.8	1828.2	1917.4	2006.6	1949.7	1893.0
1299.2	32.5°	1330.8	1362.4	1451.6	1540.8	1682.7	1824.6	1946.7	2068.9	2012.6	1956.4
1411.3	35°	1418.6	1426.0	1487.9	1549.9	1697.7	1845.6	1995.1	2144.6	2090.7	2036.8
1710.8	37.5°	1677.1	1643.5	1647.5	1651.5	1785.9	1920.2	2096.1	2272.0	2203.3	2134.6
2186.9	40°	2105.1	2023.2	1952.7	1882.1	1982.1	2082.0	2273.3	2464.5	2364.5	2264.4
2830.7	42.5°	2681.8	2532.9	2379.1	2225.2	2282.8	2340.4	2530.1	2719.9	2575.4	2431.0
3625.8	45°	3381.1	3136.4	2889.9	2643.4	2668.9	2694.3	2864.8	3035.2	2840.4	2645.5
4514.9	47.5°	4156.8	3798.6	3443.1	3087.6	3092.7	3097.9	3263.8	3429.6	3155.3	2881.0
5400.6	50°	4927.8	4455.0	3996.8	3538.6	3537.7	3536.8	3741.6	3946.5	3533.0	3119.5
6258.1	52.5°	5673.2	5088.3	4540.9	3993.6	4018.7	4043.8	4291.8	4539.9	3929.8	3319.7
7098.9	55°	6401.5	5704.2	5095.1	4485.9	4583.7	4681.4	4926.5	5171.6	4281.5	3391.5
7896.9	57.5°	7107.0	6317.2	5702.1	5087.0	5283.1	5479.2	5612.7	5746.1	4530.8	3315.5
8876.4	60°	8030.8	7185.1	6603.0	6020.9	6264.5	6508.0	6300.7	6093.4	4593.1	3092.7
9670.5	62.5°	8865.9	8061.4	7528.1	6994.9	7022.4	7049.8	6483.4	5917.0	4330.8	2744.5
9753.2	65°	8973.1	8192.9	7515.2	6837.6	6732.5	6627.3	6095.7	5564.1	3959.6	2355.1
9180.1	67.5°	8396.6	7613.0	6907.0	6201.0	6151.7	6102.4	5596.8	5091.2	3517.9	1944.7
8278.4	70°	7604.1	6929.8	6298.5	5667.1	5645.0	5623.0	5073.0	4523.1	3036.0	1548.9
7137.8	72.5°	6632.9	6127.9	5633.9	5139.9	5124.1	5108.2	4477.1	3846.1	2513.5	1181.0
5892.9	75°	5537.4	5181.9	4797.5	4413.2	4354.6	4295.9	3642.8	2989.7	1914.6	839.6
4611.9	77.5°	4359.8	4107.6	3815.5	3523.3	3439.4	3355.5	2745.7	2136.1	1340.1	544.1
3338.5	80°	3206.1	3073.7	2853.1	2632.5	2528.2	2423.9	1911.0	1398.0	863.4	328.7
2161.3	82.5°	2106.1	2050.9	1899.0	1747.1	1630.5	1514.0	1163.3	812.7	499.7	186.8
1240.2	85°	1208.9	1177.5	1052.8	928.0	828.9	729.8	543.7	357.6	224.8	92.1
476.5	87.5°	473.9	471.2	408.8	346.4	291.1	235.8	173.2	110.7	73.6	36.6
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1408.9	2.5°	1397.2	1385.3	1373.5	1362.2	1350.8	1339.9	1327.7	1317.8	1307.9	1299.0
1478.2	5°	1453.8	1429.2	1404.7	1381.8	1358.9	1337.3	1315.9	1297.3	1278.6	1263.0
1542.7	7.5°	1505.4	1469.1	1432.8	1400.8	1368.9	1339.4	1311.7	1286.9	1262.1	1241.5
1593.0	10°	1543.7	1499.7	1455.6	1417.8	1379.9	1343.5	1313.8	1287.6	1261.5	1240.9
1627.6	12.5°	1571.8	1519.8	1467.8	1425.0	1382.2	1344.0	1316.3	1294.9	1273.6	1259.9
1649.2	15°	1588.7	1528.8	1468.9	1419.4	1369.9	1327.5	1305.4	1295.1	1284.9	1286.8
1659.6	17.5°	1593.5	1524.0	1454.5	1395.0	1335.4	1285.6	1271.9	1275.7	1279.4	1301.8
1667.7	20°	1595.1	1510.8	1426.6	1352.8	1279.0	1220.9	1217.3	1234.8	1252.3	1291.3
1678.6	22.5°	1597.1	1494.7	1392.2	1303.3	1214.4	1148.3	1155.4	1181.3	1207.2	1251.7
1698.4	25°	1605.3	1478.7	1352.2	1248.1	1144.0	1076.3	1095.3	1125.2	1155.0	1195.0
1729.2	27.5°	1622.3	1468.1	1313.9	1197.6	1081.3	1019.6	1042.8	1071.6	1100.5	1133.4
1769.2	30°	1645.5	1463.1	1280.5	1155.4	1030.2	978.5	996.6	1019.5	1042.4	1069.7
1811.0	32.5°	1665.6	1456.9	1248.1	1119.0	989.8	948.1	956.2	969.7	983.2	1005.0
1858.6	35°	1680.3	1445.3	1210.3	1083.2	956.1	921.3	918.0	921.7	925.4	942.1
1911.9	37.5°	1689.1	1425.3	1161.6	1041.1	920.5	890.2	877.9	873.8	869.7	881.6
1979.5	40°	1694.6	1397.9	1101.2	990.8	880.4	852.8	834.0	824.7	815.4	824.0
2068.0	42.5°	1705.0	1369.6	1034.2	935.4	836.5	811.1	787.4	775.1	762.7	769.7
2184.5	45°	1723.4	1343.3	963.2	876.5	789.8	764.0	741.1	729.1	717.1	722.9
2308.5	47.5°	1736.0	1321.5	907.0	829.9	752.7	719.5	699.8	689.7	679.6	685.1
2423.7	50°	1727.8	1297.9	867.9	798.9	729.9	686.3	663.4	654.4	645.5	654.2
2498.4	52.5°	1677.1	1257.9	838.7	778.5	718.5	668.3	636.2	627.4	618.6	631.6
2481.9	55°	1572.3	1191.5	810.8	763.8	716.8	670.1	621.8	607.8	593.9	612.4
2366.0	57.5°	1416.6	1098.0	779.5	746.3	713.1	671.9	613.2	592.8	572.4	592.3
2150.2	60°	1207.7	976.7	745.6	719.5	693.4	666.2	605.0	578.6	552.2	569.6
1858.5	62.5°	972.4	831.4	690.3	672.9	655.6	652.3	595.6	562.5	529.5	540.6
1560.8	65°	766.5	700.6	634.8	626.6	618.4	618.8	575.6	540.5	505.3	509.6
1269.2	67.5°	593.7	575.0	556.3	560.9	565.4	564.3	540.0	510.7	481.5	480.1
999.3	70°	449.7	455.1	460.4	481.6	502.7	502.7	494.8	474.0	453.2	448.5
764.0	72.5°	346.9	363.0	379.2	409.2	439.3	444.3	444.4	430.1	415.9	409.1
554.5	75°	269.4	284.0	298.6	332.3	365.9	389.2	387.3	376.3	365.3	358.8
375.7	77.5°	207.4	217.3	227.3	260.0	292.7	331.0	330.0	321.2	312.4	305.8
242.1	80°	155.5	159.6	163.7	191.4	219.1	264.9	264.7	257.4	250.0	244.4
148.9	82.5°	111.1	111.8	112.6	133.0	153.4	192.5	194.7	191.1	187.5	183.6
79.6	85°	67.2	66.8	66.4	81.3	96.3	125.4	128.2	124.3	120.5	116.1
33.0	87.5°	29.4	29.1	28.7	34.8	40.9	53.0	56.6	55.1	53.5	52.7
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1290.2	2.5°	1282.4	1274.6	1266.8	1259.0	1253.0	1246.9	1242.1	1237.2	1233.3	1229.5
1247.4	5°	1233.6	1219.8	1207.2	1194.7	1185.1	1175.4	1168.6	1161.9	1157.1	1152.3
1220.9	7.5°	1203.6	1186.2	1170.8	1155.6	1144.1	1132.6	1124.6	1116.6	1111.1	1105.6
1220.3	10°	1201.6	1182.8	1165.6	1148.3	1134.7	1120.9	1112.0	1102.9	1097.7	1092.5
1246.3	12.5°	1231.6	1217.0	1199.1	1181.3	1163.8	1146.3	1134.7	1123.1	1117.3	1111.5
1288.6	15°	1284.8	1281.0	1265.5	1250.0	1225.1	1200.2	1182.6	1165.0	1156.9	1148.9
1324.3	17.5°	1336.2	1348.1	1335.6	1323.1	1290.1	1257.1	1231.2	1205.2	1193.3	1181.3
1330.3	20°	1355.3	1380.3	1374.5	1368.7	1331.0	1293.3	1261.5	1229.7	1214.4	1199.1
1296.3	22.5°	1328.7	1361.2	1364.7	1368.2	1332.1	1296.1	1263.4	1230.6	1214.5	1198.3
1235.1	25°	1267.1	1299.0	1311.0	1322.9	1293.3	1263.8	1234.7	1205.7	1191.6	1177.7
1166.2	27.5°	1191.9	1217.5	1230.8	1244.1	1223.1	1202.0	1179.4	1156.8	1147.5	1138.1
1097.0	30°	1118.3	1139.6	1150.4	1161.2	1145.2	1129.1	1113.0	1096.7	1091.9	1087.1
1026.8	32.5°	1047.2	1067.7	1079.7	1091.7	1077.0	1062.2	1049.3	1036.4	1033.2	1030.1
958.6	35°	978.8	999.0	1013.5	1027.9	1017.4	1006.9	995.0	983.1	978.3	973.6
893.5	37.5°	913.6	933.8	951.6	969.4	964.6	959.8	948.8	937.8	929.1	920.4
832.6	40°	852.1	871.5	892.0	912.6	913.7	914.9	905.6	896.2	883.6	871.0
776.8	42.5°	795.2	813.7	835.8	858.0	863.9	869.8	861.9	854.1	838.4	822.7
728.9	45°	746.4	763.9	786.9	809.8	818.3	826.8	819.7	812.7	794.7	776.8
690.7	47.5°	707.8	724.9	747.5	770.2	780.0	789.8	784.8	779.9	763.9	748.0
662.9	50°	679.0	695.1	715.4	735.7	748.3	760.8	760.5	760.3	747.5	734.8
644.6	52.5°	659.4	674.2	693.1	712.0	726.9	741.8	744.5	747.1	736.7	726.3
630.8	55°	646.7	662.7	679.3	695.8	711.6	727.4	731.1	734.8	725.7	716.7
612.1	57.5°	630.9	649.6	666.0	682.4	698.3	714.2	717.9	721.7	712.5	703.4
587.0	60°	608.5	630.1	646.7	663.4	679.3	695.3	699.4	703.5	694.6	685.7
551.7	62.5°	576.7	601.8	619.6	637.4	652.0	666.6	670.6	674.5	666.5	658.4
513.8	65°	540.7	567.6	584.6	601.6	614.5	627.3	631.4	635.4	627.6	619.9
478.8	67.5°	503.6	528.5	544.6	560.7	571.8	582.9	586.9	590.8	583.6	576.5
443.9	70°	465.7	487.6	501.5	515.4	525.4	535.4	539.2	543.1	537.2	531.4
402.3	72.5°	419.5	436.7	449.2	461.8	471.6	481.5	486.0	490.5	485.7	480.9
352.3	75°	365.0	377.8	389.2	400.5	409.5	418.5	423.2	427.9	425.6	423.2
299.2	77.5°	309.6	320.0	329.8	339.5	349.0	358.3	362.8	367.2	363.9	360.5
238.9	80°	247.5	256.1	264.4	272.6	279.8	286.9	292.7	298.6	297.2	295.8
179.7	82.5°	179.0	178.2	175.4	172.5	187.7	202.9	212.9	222.9	222.3	221.6
111.7	85°	108.0	104.3	96.3	88.3	102.6	116.9	129.2	141.6	140.6	139.5
51.9	87.5°	51.7	51.6	45.5	39.4	45.4	51.4	56.4	61.4	60.1	58.8
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1226.0	2.5°	1222.5	1218.1	1222.5	1226.0	1229.5	1233.3	1237.2	1242.1	1246.9	1253.0
1148.7	5°	1145.0	1141.4	1145.0	1148.7	1152.3	1157.1	1161.9	1168.6	1175.4	1185.1
1102.3	7.5°	1099.1	1096.6	1099.1	1102.3	1105.6	1111.1	1116.6	1124.6	1132.6	1144.1
1089.7	10°	1086.9	1085.8	1086.9	1089.7	1092.5	1097.7	1102.9	1112.0	1120.9	1134.7
1109.2	12.5°	1106.8	1106.4	1106.8	1109.2	1111.5	1117.3	1123.1	1134.7	1146.3	1163.8
1145.8	15°	1142.7	1142.4	1142.7	1145.8	1148.9	1156.9	1165.0	1182.6	1200.2	1225.1
1177.4	17.5°	1173.4	1172.8	1173.4	1177.4	1181.3	1193.3	1205.2	1231.2	1257.1	1290.1
1194.2	20°	1189.3	1187.7	1189.3	1194.2	1199.1	1214.4	1229.7	1261.5	1293.3	1331.0
1192.9	22.5°	1187.5	1185.2	1187.5	1192.9	1198.3	1214.5	1230.6	1263.4	1296.1	1332.1
1172.6	25°	1167.6	1164.6	1167.6	1172.6	1177.7	1191.6	1205.7	1234.7	1263.8	1293.3
1135.7	27.5°	1133.4	1132.6	1133.4	1135.7	1138.1	1147.5	1156.8	1179.4	1202.0	1223.1
1087.1	30°	1087.1	1087.9	1087.1	1087.1	1087.1	1091.9	1096.7	1113.0	1129.1	1145.2
1030.5	32.5°	1031.0	1031.7	1031.0	1030.5	1030.1	1033.2	1036.4	1049.3	1062.2	1077.0
972.5	35°	971.5	971.0	971.5	972.5	973.6	978.3	983.1	995.0	1006.9	1017.4
915.8	37.5°	911.3	908.7	911.3	915.8	920.4	929.1	937.8	948.8	959.8	964.6
862.5	40°	854.0	849.0	854.0	862.5	871.0	883.6	896.2	905.6	914.9	913.7
810.3	42.5°	797.9	789.8	797.9	810.3	822.7	838.4	854.1	861.9	869.8	863.9
762.2	45°	747.6	738.3	747.6	762.2	776.8	794.7	812.7	819.7	826.8	818.3
734.5	47.5°	721.0	712.0	721.0	734.5	748.0	763.9	779.9	784.8	789.8	780.0
722.3	50°	709.9	701.2	709.9	722.3	734.8	747.5	760.3	760.5	760.8	748.3
715.2	52.5°	704.0	696.1	704.0	715.2	726.3	736.7	747.1	744.5	741.8	726.9
706.9	55°	697.1	689.9	697.1	706.9	716.7	725.7	734.8	731.1	727.4	711.6
693.7	57.5°	684.0	676.5	684.0	693.7	703.4	712.5	721.7	717.9	714.2	698.3
675.7	60°	665.7	658.0	665.7	675.7	685.7	694.6	703.5	699.4	695.3	679.3
647.9	62.5°	637.4	628.1	637.4	647.9	658.4	666.5	674.5	670.6	666.6	652.0
609.7	65°	599.5	591.6	599.5	609.7	619.9	627.6	635.4	631.4	627.3	614.5
567.0	67.5°	557.6	550.4	557.6	567.0	576.5	583.6	590.8	586.9	582.9	571.8
522.4	70°	513.3	505.1	513.3	522.4	531.4	537.2	543.1	539.2	535.4	525.4
472.2	72.5°	463.6	455.6	463.6	472.2	480.9	485.7	490.5	486.0	481.5	471.6
415.9	75°	408.7	401.1	408.7	415.9	423.2	425.6	427.9	423.2	418.5	409.5
353.2	77.5°	345.9	339.8	345.9	353.2	360.5	363.9	367.2	362.8	358.3	349.0
285.9	80°	276.1	264.6	276.1	285.9	295.8	297.2	298.6	292.7	286.9	279.8
213.3	82.5°	205.0	197.7	205.0	213.3	221.6	222.3	222.9	212.9	202.9	187.7
133.0	85°	126.5	120.0	126.5	133.0	139.5	140.6	141.6	129.2	116.9	102.6
55.5	87.5°	52.1	48.9	52.1	55.5	58.8	60.1	61.4	56.4	51.4	45.4
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1259.0	2.5°	1266.8	1274.6	1282.4	1290.2	1299.0	1307.9	1317.8	1327.7	1339.9	1350.8
1194.7	5°	1207.2	1219.8	1233.6	1247.4	1263.0	1278.6	1297.3	1315.9	1337.3	1358.9
1155.6	7.5°	1170.8	1186.2	1203.6	1220.9	1241.5	1262.1	1286.9	1311.7	1339.4	1368.9
1148.3	10°	1165.6	1182.8	1201.6	1220.3	1240.9	1261.5	1287.6	1313.8	1343.5	1379.9
1181.3	12.5°	1199.1	1217.0	1231.6	1246.3	1259.9	1273.6	1294.9	1316.3	1344.0	1382.2
1250.0	15°	1265.5	1281.0	1284.8	1288.6	1286.8	1284.9	1295.1	1305.4	1327.5	1369.9
1323.1	17.5°	1335.6	1348.1	1336.2	1324.3	1301.8	1279.4	1275.7	1271.9	1285.6	1335.4
1368.7	20°	1374.5	1380.3	1355.3	1330.3	1291.3	1252.3	1234.8	1217.3	1220.9	1279.0
1368.2	22.5°	1364.7	1361.2	1328.7	1296.3	1251.7	1207.2	1181.3	1155.4	1148.3	1214.4
1322.9	25°	1311.0	1299.0	1267.1	1235.1	1195.0	1155.0	1125.2	1095.3	1076.3	1144.0
1244.1	27.5°	1230.8	1217.5	1191.9	1166.2	1133.4	1100.5	1071.6	1042.8	1019.6	1081.3
1161.2	30°	1150.4	1139.6	1118.3	1097.0	1069.7	1042.4	1019.5	996.6	978.5	1030.2
1091.7	32.5°	1079.7	1067.7	1047.2	1026.8	1005.0	983.2	969.7	956.2	948.1	989.8
1027.9	35°	1013.5	999.0	978.8	958.6	942.1	925.4	921.7	918.0	921.3	956.1
969.4	37.5°	951.6	933.8	913.6	893.5	881.6	869.7	873.8	877.9	890.2	920.5
912.6	40°	892.0	871.5	852.1	832.6	824.0	815.4	824.7	834.0	852.8	880.4
858.0	42.5°	835.8	813.7	795.2	776.8	769.7	762.7	775.1	787.4	811.1	836.5
809.8	45°	786.9	763.9	746.4	728.9	722.9	717.1	729.1	741.1	764.0	789.8
770.2	47.5°	747.5	724.9	707.8	690.7	685.1	679.6	689.7	699.8	719.5	752.7
735.7	50°	715.4	695.1	679.0	662.9	654.2	645.5	654.4	663.4	686.3	729.9
712.0	52.5°	693.1	674.2	659.4	644.6	631.6	618.6	627.4	636.2	668.3	718.5
695.8	55°	679.3	662.7	646.7	630.8	612.4	593.9	607.8	621.8	670.1	716.8
682.4	57.5°	666.0	649.6	630.9	612.1	592.3	572.4	592.8	613.2	671.9	713.1
663.4	60°	646.7	630.1	608.5	587.0	569.6	552.2	578.6	605.0	666.2	693.4
637.4	62.5°	619.6	601.8	576.7	551.7	540.6	529.5	562.5	595.6	652.3	655.6
601.6	65°	584.6	567.6	540.7	513.8	509.6	505.3	540.5	575.6	618.8	618.4
560.7	67.5°	544.6	528.5	503.6	478.8	480.1	481.5	510.7	540.0	564.3	565.4
515.4	70°	501.5	487.6	465.7	443.9	448.5	453.2	474.0	494.8	502.7	502.7
461.8	72.5°	449.2	436.7	419.5	402.3	409.1	415.9	430.1	444.4	444.3	439.3
400.5	75°	389.2	377.8	365.0	352.3	358.8	365.3	376.3	387.3	389.2	365.9
339.5	77.5°	329.8	320.0	309.6	299.2	305.8	312.4	321.2	330.0	331.0	292.7
272.6	80°	264.4	256.1	247.5	238.9	244.4	250.0	257.4	264.7	264.9	219.1
172.5	82.5°	175.4	178.2	179.0	179.7	183.6	187.5	191.1	194.7	192.5	153.4
88.3	85°	96.3	104.3	108.0	111.7	116.1	120.5	124.3	128.2	125.4	96.3
39.4	87.5°	45.5	51.6	51.7	51.9	52.7	53.5	55.1	56.6	53.0	40.9
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°
1341.7	0°	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7	1341.7
1362.2	2.5°	1373.5	1385.3	1397.2	1408.9	1420.7	1431.8	1442.8
1381.8	5°	1404.7	1429.2	1453.8	1478.2	1502.6	1527.0	1551.5
1400.8	7.5°	1432.8	1469.1	1505.4	1542.7	1579.9	1620.3	1660.6
1417.8	10°	1455.6	1499.7	1543.7	1593.0	1642.2	1693.3	1744.3
1425.0	12.5°	1467.8	1519.8	1571.8	1627.6	1683.4	1739.4	1795.5
1419.4	15°	1468.9	1528.8	1588.7	1649.2	1709.8	1768.2	1826.7
1395.0	17.5°	1454.5	1524.0	1593.5	1659.6	1725.6	1784.9	1844.2
1352.8	20°	1426.6	1510.8	1595.1	1667.7	1740.3	1801.9	1863.5
1303.3	22.5°	1392.2	1494.7	1597.1	1678.6	1760.0	1822.9	1885.9
1248.1	25°	1352.2	1478.7	1605.3	1698.4	1791.4	1853.0	1914.7
1197.6	27.5°	1313.9	1468.1	1622.3	1729.2	1836.2	1895.0	1953.8
1155.4	30°	1280.5	1463.1	1645.5	1769.2	1893.0	1949.7	2006.6
1119.0	32.5°	1248.1	1456.9	1665.6	1811.0	1956.4	2012.6	2068.9
1083.2	35°	1210.3	1445.3	1680.3	1858.6	2036.8	2090.7	2144.6
1041.1	37.5°	1161.6	1425.3	1689.1	1911.9	2134.6	2203.3	2272.0
990.8	40°	1101.2	1397.9	1694.6	1979.5	2264.4	2364.5	2464.5
935.4	42.5°	1034.2	1369.6	1705.0	2068.0	2431.0	2575.4	2719.9
876.5	45°	963.2	1343.3	1723.4	2184.5	2645.5	2840.4	3035.2
829.9	47.5°	907.0	1321.5	1736.0	2308.5	2881.0	3155.3	3429.6
798.9	50°	867.9	1297.9	1727.8	2423.7	3119.5	3533.0	3946.5
778.5	52.5°	838.7	1257.9	1677.1	2498.4	3319.7	3929.8	4539.9
763.8	55°	810.8	1191.5	1572.3	2481.9	3391.5	4281.5	5171.6
746.3	57.5°	779.5	1098.0	1416.6	2366.0	3315.5	4530.8	5746.1
719.5	60°	745.6	976.7	1207.7	2150.2	3092.7	4593.1	6093.4
672.9	62.5°	690.3	831.4	972.4	1858.5	2744.5	4330.8	5917.0
626.6	65°	634.8	700.6	766.5	1560.8	2355.1	3959.6	5564.1
560.9	67.5°	556.3	575.0	593.7	1269.2	1944.7	3517.9	5091.2
481.6	70°	460.4	455.1	449.7	999.3	1548.9	3036.0	4523.1
409.2	72.5°	379.2	363.0	346.9	764.0	1181.0	2513.5	3846.1
332.3	75°	298.6	284.0	269.4	554.5	839.6	1914.6	2989.7
260.0	77.5°	227.3	217.3	207.4	375.7	544.1	1340.1	2136.1
191.4	80°	163.7	159.6	155.5	242.1	328.7	863.4	1398.0
133.0	82.5°	112.6	111.8	111.1	148.9	186.8	499.7	812.7
81.3	85°	66.4	66.8	67.2	79.6	92.1	224.8	357.6
34.8	87.5°	28.7	29.1	29.4	33.0	36.6	73.6	110.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)