

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: P949376

Luminaire Tested: **GALN-SB4A-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P949376  
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-SB4A-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

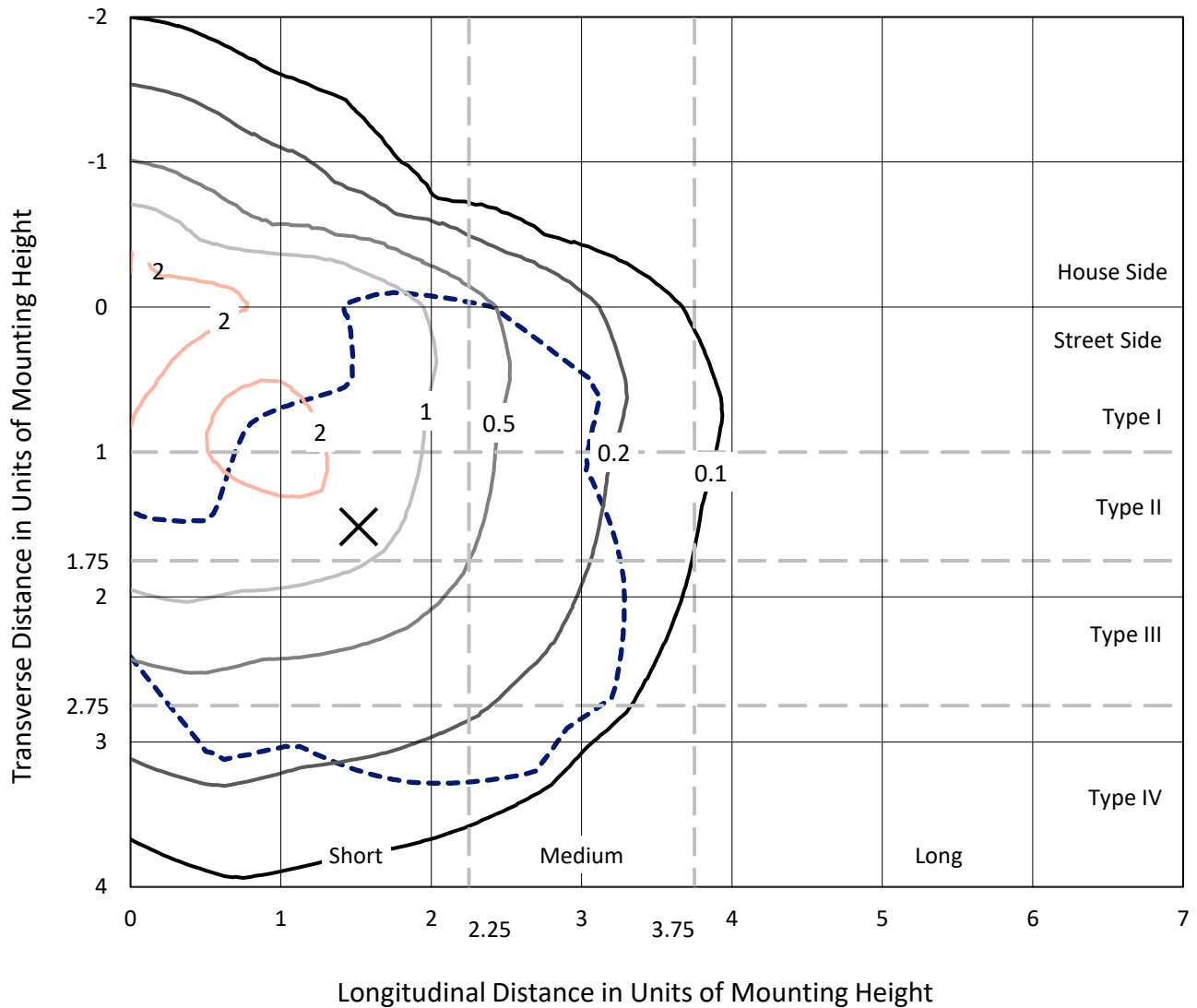
Lumens per Lamp: N/A  
Luminaire Lumens: 10904 lumens  
Efficiency: N/A  
Efficacy: 95.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 114  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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



REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

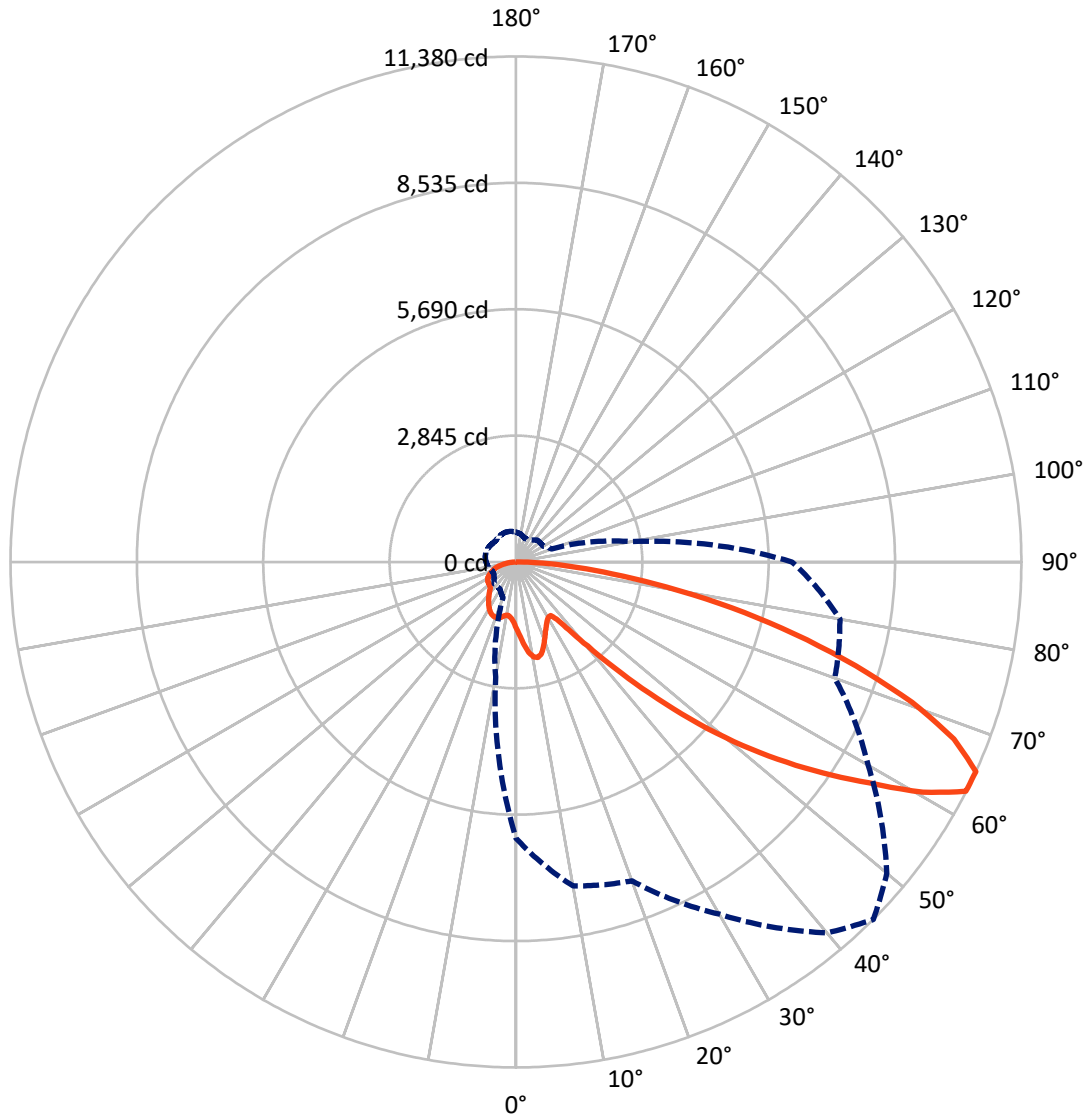
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P949376  
CATALOG NUMBER: GALN-SB4A-927-U-SLL

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P949376

CATALOG NUMBER: GALN-SB4A-927-U-SLL

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2771.2	0.0	2771.2
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	8132.7	0.0	8132.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	10904.0	0.0	10904.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	148.7	1.4
10°-20°	466.9	4.3
20°-30°	721.2	6.6
30°-40°	914.0	8.4
40°-50°	1378.5	12.6
50°-60°	2227.2	20.4
60°-70°	2776.6	25.5
70°-80°	1820.7	16.7
80°-90°	450.1	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°	10904.0	100.0
0°-180°	10904.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P949376

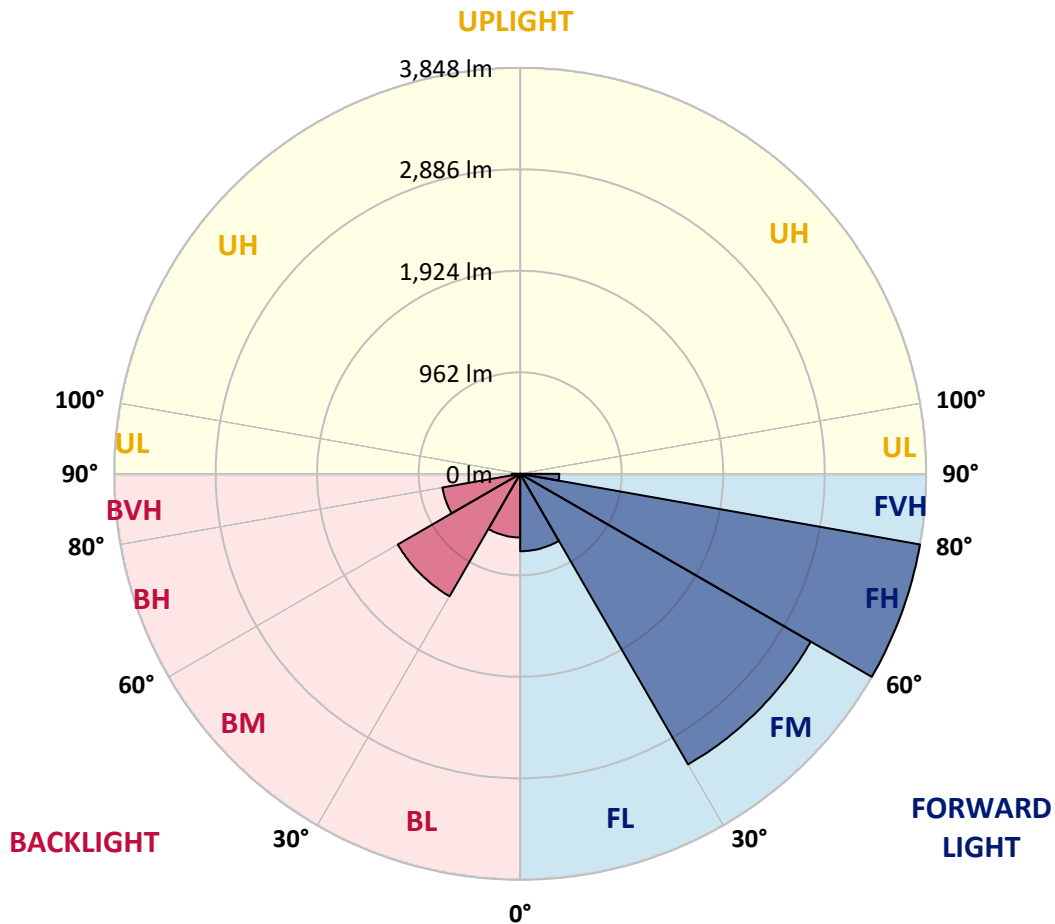
CATALOG NUMBER: GALN-SB4A-927-U-SLL

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	733.4	6.7			
FM (30°-60°)	3180.5	29.2			
FH (60°-80°)	3848.1	35.3			G2/5000
FVH (80°-90°)	370.8	3.4			G3/500
BL (0°-30°)	603.5	5.5	B2/1000		
BM (30°-60°)	1339.2	12.3	B2/2500		
BH (60°-80°)	749.2	6.9	B2/1000		G2/1000
BVH (80°-90°)	79.3	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



REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
2.5°	1612.5	1618.6	1624.7	1633.4	1642.1	1647.3	1652.4	1655.0	1657.6	1656.5
5°	1733.9	1755.2	1776.6	1797.8	1819.0	1830.5	1842.0	1849.0	1856.0	1861.3
7.5°	1855.8	1890.6	1925.3	1956.5	1987.8	2006.6	2025.4	2035.6	2045.7	2050.6
10°	1949.3	1990.4	2031.5	2068.1	2104.8	2127.0	2149.1	2159.0	2168.8	2172.6
12.5°	2006.6	2051.1	2095.6	2128.7	2161.8	2177.9	2194.0	2199.4	2204.8	2205.4
15°	2041.4	2079.8	2118.2	2139.0	2159.8	2160.4	2160.9	2155.2	2149.4	2142.6
17.5°	2060.9	2086.9	2112.8	2113.2	2113.6	2090.3	2067.0	2045.6	2024.2	2009.2
20°	2082.5	2091.6	2100.6	2073.3	2046.0	1994.6	1943.1	1905.7	1868.2	1845.2
22.5°	2107.6	2095.7	2083.8	2027.2	1970.6	1895.0	1819.3	1772.5	1725.6	1700.2
25°	2139.8	2102.4	2065.0	1979.0	1893.1	1801.2	1709.3	1660.0	1610.9	1586.8
27.5°	2183.5	2116.6	2049.7	1935.9	1822.1	1720.2	1618.4	1569.9	1521.5	1498.8
30°	2242.5	2142.8	2043.1	1903.0	1762.8	1656.7	1550.6	1505.7	1460.7	1439.6
32.5°	2312.1	2175.6	2039.1	1880.5	1721.9	1622.2	1522.5	1487.3	1451.9	1436.7
35°	2396.7	2229.6	2062.6	1897.3	1732.1	1662.9	1593.6	1585.4	1577.2	1575.9
37.5°	2539.1	2342.5	2146.0	1995.8	1845.6	1841.2	1836.7	1874.3	1911.9	1931.5
40°	2754.3	2540.5	2326.8	2215.1	2103.4	2182.2	2261.1	2352.5	2444.0	2489.6
42.5°	3039.6	2827.6	2615.5	2551.2	2486.8	2658.7	2830.7	2997.1	3163.5	3261.2
45°	3392.0	3201.5	3011.0	2982.6	2954.2	3229.6	3505.1	3778.5	4052.0	4218.0
47.5°	3832.8	3647.5	3462.1	3456.3	3450.6	3847.9	4245.1	4645.4	5045.6	5280.7
50°	4410.4	4181.5	3952.6	3953.6	3954.6	4466.7	4978.7	5507.1	6035.4	6354.9
52.5°	5073.5	4796.3	4519.2	4491.2	4463.1	5074.8	5686.4	6340.1	6993.8	7376.7
55°	5779.5	5505.6	5231.8	5122.5	5013.2	5694.0	6374.7	7154.1	7933.4	8388.8
57.5°	6421.6	6272.5	6123.3	5904.1	5685.0	6372.4	7059.8	7942.5	8825.2	9389.9
60°	6809.7	7041.3	7273.0	7000.9	6728.7	7379.3	8029.8	8974.8	9919.9	10530.3
62.5°	6612.6	7245.6	7878.5	7847.9	7817.2	8413.1	9009.0	9908.2	10807.3	11371.5
65°	6218.2	6812.3	7406.3	7523.9	7641.4	8398.7	9156.0	10027.9	10899.8	11380.1
67.5°	5689.8	6254.8	6819.8	6874.9	6930.0	7719.0	8508.0	9383.6	10259.3	10635.6
70°	5054.8	5669.4	6284.0	6308.6	6333.3	7038.9	7744.5	8498.0	9251.5	9460.7
72.5°	4298.2	5003.5	5708.7	5726.5	5744.1	6296.2	6848.2	7412.6	7976.9	7998.1
75°	3341.1	4071.0	4800.9	4866.5	4932.0	5361.5	5791.0	6188.3	6585.6	6479.2
77.5°	2387.2	3068.5	3749.9	3843.7	3937.5	4264.0	4590.5	4872.3	5154.1	4971.1
80°	1562.4	2135.6	2708.8	2825.4	2941.9	3188.5	3435.0	3583.0	3730.9	3436.6
82.5°	908.2	1300.1	1692.0	1822.2	1952.5	2122.2	2292.0	2353.7	2415.4	2184.1
85°	399.6	607.6	815.6	926.3	1037.1	1176.6	1316.0	1351.0	1386.0	1200.8
87.5°	123.7	193.6	263.5	325.3	387.1	456.8	526.6	529.6	532.5	447.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1657.6	2.5°	1655.0	1652.4	1647.3	1642.1	1633.4	1624.7	1618.6	1612.5	1600.1	1587.7
1856.0	5°	1849.0	1842.0	1830.5	1819.0	1797.8	1776.6	1755.2	1733.9	1706.5	1679.2
2045.7	7.5°	2035.6	2025.4	2006.6	1987.8	1956.5	1925.3	1890.6	1855.8	1810.7	1765.7
2168.8	10°	2159.0	2149.1	2127.0	2104.8	2068.1	2031.5	1990.4	1949.3	1892.3	1835.3
2204.8	12.5°	2199.4	2194.0	2177.9	2161.8	2128.7	2095.6	2051.1	2006.6	1943.9	1881.3
2149.4	15°	2155.2	2160.9	2160.4	2159.8	2139.0	2118.2	2079.8	2041.4	1976.1	1910.8
2024.2	17.5°	2045.6	2067.0	2090.3	2113.6	2113.2	2112.8	2086.9	2060.9	1994.7	1928.5
1868.2	20°	1905.7	1943.1	1994.6	2046.0	2073.3	2100.6	2091.6	2082.5	2013.7	1944.8
1725.6	22.5°	1772.5	1819.3	1895.0	1970.6	2027.2	2083.8	2095.7	2107.6	2037.2	1966.9
1610.9	25°	1660.0	1709.3	1801.2	1893.1	1979.0	2065.0	2102.4	2139.8	2070.8	2002.0
1521.5	27.5°	1569.9	1618.4	1720.2	1822.1	1935.9	2049.7	2116.6	2183.5	2117.8	2052.0
1460.7	30°	1505.7	1550.6	1656.7	1762.8	1903.0	2043.1	2142.8	2242.5	2179.0	2115.5
1451.9	32.5°	1487.3	1522.5	1622.2	1721.9	1880.5	2039.1	2175.6	2312.1	2249.2	2186.4
1577.2	35°	1585.4	1593.6	1662.9	1732.1	1897.3	2062.6	2229.6	2396.7	2336.5	2276.2
1911.9	37.5°	1874.3	1836.7	1841.2	1845.6	1995.8	2146.0	2342.5	2539.1	2462.3	2385.6
2444.0	40°	2352.5	2261.1	2182.2	2103.4	2215.1	2326.8	2540.5	2754.3	2642.4	2530.6
3163.5	42.5°	2997.1	2830.7	2658.7	2486.8	2551.2	2615.5	2827.6	3039.6	2878.2	2716.7
4052.0	45°	3778.5	3505.1	3229.6	2954.2	2982.6	3011.0	3201.5	3392.0	3174.3	2956.5
5045.6	47.5°	4645.4	4245.1	3847.9	3450.6	3456.3	3462.1	3647.5	3832.8	3526.3	3219.7
6035.4	50°	5507.1	4978.7	4466.7	3954.6	3953.6	3952.6	4181.5	4410.4	3948.4	3486.2
6993.8	52.5°	6340.1	5686.4	5074.8	4463.1	4491.2	4519.2	4796.3	5073.5	4391.7	3709.9
7933.4	55°	7154.1	6374.7	5694.0	5013.2	5122.5	5231.8	5505.6	5779.5	4784.8	3790.2
8825.2	57.5°	7942.5	7059.8	6372.4	5685.0	5904.1	6123.3	6272.5	6421.6	5063.4	3705.2
9919.9	60°	8974.8	8029.8	7379.3	6728.7	7000.9	7273.0	7041.3	6809.7	5133.0	3456.3
10807.3	62.5°	9908.2	9009.0	8413.1	7817.2	7847.9	7878.5	7245.6	6612.6	4839.9	3067.1
10899.8	65°	10027.9	9156.0	8398.7	7641.4	7523.9	7406.3	6812.3	6218.2	4425.1	2632.0
10259.3	67.5°	9383.6	8508.0	7719.0	6930.0	6874.9	6819.8	6254.8	5689.8	3931.5	2173.3
9251.5	70°	8498.0	7744.5	7038.9	6333.3	6308.6	6284.0	5669.4	5054.8	3392.9	1731.0
7976.9	72.5°	7412.6	6848.2	6296.2	5744.1	5726.5	5708.7	5003.5	4298.2	2809.0	1319.9
6585.6	75°	6188.3	5791.0	5361.5	4932.0	4866.5	4800.9	4071.0	3341.1	2139.7	938.3
5154.1	77.5°	4872.3	4590.5	4264.0	3937.5	3843.7	3749.9	3068.5	2387.2	1497.6	608.0
3730.9	80°	3583.0	3435.0	3188.5	2941.9	2825.4	2708.8	2135.6	1562.4	964.9	367.4
2415.4	82.5°	2353.7	2292.0	2122.2	1952.5	1822.2	1692.0	1300.1	908.2	558.4	208.7
1386.0	85°	1351.0	1316.0	1176.6	1037.1	926.3	815.6	607.6	399.6	251.2	102.9
532.5	87.5°	529.6	526.6	456.8	387.1	325.3	263.5	193.6	123.7	82.3	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

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1574.5	2.5°	1561.4	1548.2	1535.0	1522.3	1509.6	1497.4	1483.7	1472.7	1461.7	1451.8
1651.9	5°	1624.7	1597.3	1569.9	1544.3	1518.7	1494.5	1470.6	1449.8	1428.9	1411.4
1724.0	7.5°	1682.4	1641.8	1601.2	1565.5	1529.8	1496.8	1465.9	1438.2	1410.5	1387.5
1780.2	10°	1725.2	1676.0	1626.7	1584.4	1542.1	1501.4	1468.2	1439.0	1409.8	1386.7
1819.0	12.5°	1756.6	1698.5	1640.4	1592.5	1544.7	1502.0	1471.1	1447.2	1423.3	1408.0
1843.1	15°	1775.5	1708.5	1641.6	1586.3	1530.9	1483.6	1458.8	1447.4	1436.0	1438.1
1854.7	17.5°	1780.9	1703.2	1625.5	1558.9	1492.4	1436.7	1421.4	1425.6	1429.8	1454.9
1863.7	20°	1782.6	1688.5	1594.3	1511.8	1429.3	1364.5	1360.4	1380.0	1399.6	1443.1
1875.9	22.5°	1784.9	1670.4	1555.9	1456.5	1357.2	1283.3	1291.2	1320.2	1349.1	1398.8
1898.0	25°	1794.0	1652.6	1511.2	1394.8	1278.5	1202.8	1224.1	1257.5	1290.8	1335.5
1932.5	27.5°	1813.0	1640.6	1468.3	1338.4	1208.4	1139.5	1165.4	1197.6	1229.8	1266.6
1977.2	30°	1839.0	1635.1	1431.0	1291.2	1151.3	1093.5	1113.8	1139.3	1165.0	1195.5
2023.9	32.5°	1861.4	1628.2	1394.8	1250.5	1106.1	1059.5	1068.6	1083.7	1098.8	1123.2
2077.1	35°	1877.9	1615.2	1352.6	1210.5	1068.4	1029.6	1025.9	1030.0	1034.2	1052.8
2136.6	37.5°	1887.6	1592.9	1298.1	1163.4	1028.7	994.8	981.1	976.5	971.9	985.3
2212.2	40°	1893.8	1562.2	1230.7	1107.3	983.9	953.1	932.1	921.7	911.3	920.9
2311.1	42.5°	1905.5	1530.6	1155.8	1045.3	934.8	906.5	880.0	866.2	852.4	860.2
2441.3	45°	1926.0	1501.2	1076.4	979.5	882.6	853.8	828.2	814.8	801.4	807.9
2579.9	47.5°	1940.1	1476.9	1013.7	927.4	841.2	804.1	782.0	770.8	759.5	765.7
2708.6	50°	1930.9	1450.4	969.9	892.8	815.7	767.0	741.4	731.3	721.4	731.1
2792.1	52.5°	1874.2	1405.7	937.3	870.1	802.9	746.8	711.0	701.1	691.3	705.9
2773.7	55°	1757.2	1331.6	906.1	853.5	801.0	748.8	694.9	679.3	663.7	684.3
2644.1	57.5°	1583.1	1227.1	871.1	834.0	796.9	750.8	685.3	662.5	639.7	661.9
2403.0	60°	1349.7	1091.5	833.2	804.1	774.9	744.5	676.2	646.6	617.1	636.6
2076.9	62.5°	1086.7	929.1	771.4	752.1	732.7	729.0	665.6	628.6	591.8	604.1
1744.3	65°	856.6	783.0	709.4	700.3	691.1	691.6	643.3	604.0	564.7	569.5
1418.4	67.5°	663.5	642.6	621.7	626.8	631.9	630.6	603.4	570.8	538.1	536.6
1116.8	70°	502.6	508.6	514.5	538.2	561.8	561.8	552.9	529.7	506.4	501.3
853.8	72.5°	387.7	405.7	423.8	457.4	490.9	496.5	496.7	480.7	464.8	457.2
619.7	75°	301.0	317.4	333.7	371.3	409.0	435.0	432.8	420.5	408.2	401.0
419.9	77.5°	231.8	242.9	254.0	290.6	327.1	370.0	368.8	359.0	349.1	341.8
270.5	80°	173.8	178.4	183.0	213.9	244.8	296.0	295.9	287.6	279.3	273.2
166.4	82.5°	124.2	125.0	125.9	148.7	171.5	215.2	217.6	213.6	209.5	205.2
89.0	85°	75.1	74.7	74.2	90.9	107.6	140.1	143.3	138.9	134.6	129.7
36.9	87.5°	32.9	32.5	32.1	38.9	45.7	59.3	63.3	61.6	59.8	58.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1441.9	2.5°	1433.2	1424.5	1415.7	1407.0	1400.3	1393.5	1388.1	1382.6	1378.3	1374.1
1394.0	5°	1378.6	1363.1	1349.2	1335.1	1324.4	1313.6	1306.0	1298.5	1293.1	1287.8
1364.5	7.5°	1345.1	1325.6	1308.5	1291.4	1278.6	1265.8	1256.8	1247.8	1241.7	1235.6
1363.7	10°	1342.8	1321.9	1302.6	1283.3	1268.0	1252.7	1242.7	1232.5	1226.7	1220.9
1392.8	12.5°	1376.4	1360.0	1340.1	1320.2	1300.6	1281.0	1268.1	1255.2	1248.7	1242.2
1440.1	15°	1435.9	1431.6	1414.3	1397.0	1369.1	1341.3	1321.6	1301.9	1292.9	1283.9
1479.9	17.5°	1493.3	1506.6	1492.6	1478.7	1441.8	1404.9	1375.9	1346.9	1333.6	1320.2
1486.7	20°	1514.6	1542.5	1536.1	1529.6	1487.4	1445.3	1409.8	1374.3	1357.2	1340.0
1448.6	22.5°	1485.0	1521.3	1525.2	1529.0	1488.7	1448.5	1411.9	1375.2	1357.2	1339.2
1380.3	25°	1416.0	1451.8	1465.1	1478.4	1445.4	1412.4	1379.8	1347.4	1331.7	1316.1
1303.3	27.5°	1332.0	1360.6	1375.5	1390.4	1366.8	1343.4	1318.1	1292.8	1282.4	1271.8
1226.0	30°	1249.7	1273.6	1285.6	1297.7	1279.8	1261.9	1243.8	1225.6	1220.3	1214.9
1147.6	32.5°	1170.3	1193.2	1206.6	1220.1	1203.6	1187.1	1172.6	1158.2	1154.7	1151.2
1071.3	35°	1093.9	1116.5	1132.6	1148.7	1137.0	1125.3	1111.9	1098.7	1093.3	1088.0
998.5	37.5°	1021.0	1043.6	1063.5	1083.4	1078.0	1072.6	1060.3	1048.0	1038.3	1028.6
930.5	40°	952.2	974.0	996.9	1019.8	1021.2	1022.4	1012.0	1001.6	987.4	973.4
868.1	42.5°	888.7	909.4	934.1	958.8	965.5	972.1	963.3	954.5	937.0	919.4
814.6	45°	834.2	853.7	879.4	905.0	914.5	924.0	916.1	908.2	888.1	868.1
771.8	47.5°	791.0	810.1	835.4	860.7	871.7	882.6	877.1	871.6	853.7	835.9
740.8	50°	758.8	776.9	799.5	822.2	836.2	850.3	849.9	849.7	835.4	821.2
720.4	52.5°	736.9	753.4	774.6	795.7	812.4	829.0	832.0	835.0	823.3	811.7
704.9	55°	722.8	740.6	759.1	777.6	795.2	812.9	817.0	821.2	811.0	800.9
684.1	57.5°	705.0	726.0	744.3	762.6	780.4	798.1	802.3	806.5	796.3	786.1
656.0	60°	680.1	704.1	722.7	741.4	759.2	777.0	781.6	786.2	776.2	766.3
616.5	62.5°	644.5	672.6	692.4	712.3	728.6	745.0	749.4	753.8	744.8	735.8
574.2	65°	604.2	634.3	653.3	672.3	686.7	701.1	705.6	710.1	701.4	692.7
535.1	67.5°	562.8	590.6	608.6	626.6	639.0	651.4	655.9	660.2	652.2	644.3
496.1	70°	520.5	544.9	560.4	575.9	587.2	598.4	602.6	606.9	600.4	593.9
449.6	72.5°	468.9	488.0	502.1	516.1	527.1	538.1	543.1	548.2	542.8	537.4
393.7	75°	407.9	422.2	434.9	447.6	457.6	467.7	472.9	478.2	475.6	472.9
334.4	77.5°	346.0	357.6	368.5	379.5	390.0	400.5	405.4	410.3	406.7	402.9
267.0	80°	276.6	286.2	295.4	304.7	312.7	320.6	327.2	333.7	332.1	330.5
200.8	82.5°	200.0	199.2	196.0	192.7	209.8	226.8	238.0	249.1	248.4	247.7
124.9	85°	120.7	116.5	107.6	98.7	114.6	130.6	144.4	158.2	157.1	155.9
58.0	87.5°	57.8	57.7	50.9	44.0	50.7	57.4	63.0	68.6	67.2	65.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1370.2	2.5°	1366.2	1361.3	1366.2	1370.2	1374.1	1378.3	1382.6	1388.1	1393.5	1400.3
1283.7	5°	1279.6	1275.6	1279.6	1283.7	1287.8	1293.1	1298.5	1306.0	1313.6	1324.4
1231.9	7.5°	1228.3	1225.5	1228.3	1231.9	1235.6	1241.7	1247.8	1256.8	1265.8	1278.6
1217.8	10°	1214.7	1213.4	1214.7	1217.8	1220.9	1226.7	1232.5	1242.7	1252.7	1268.0
1239.6	12.5°	1236.9	1236.5	1236.9	1239.6	1242.2	1248.7	1255.2	1268.1	1281.0	1300.6
1280.5	15°	1277.0	1276.7	1277.0	1280.5	1283.9	1292.9	1301.9	1321.6	1341.3	1369.1
1315.8	17.5°	1311.4	1310.7	1311.4	1315.8	1320.2	1333.6	1346.9	1375.9	1404.9	1441.8
1334.6	20°	1329.1	1327.4	1329.1	1334.6	1340.0	1357.2	1374.3	1409.8	1445.3	1487.4
1333.1	22.5°	1327.1	1324.5	1327.1	1333.1	1339.2	1357.2	1375.2	1411.9	1448.5	1488.7
1310.4	25°	1304.8	1301.5	1304.8	1310.4	1316.1	1331.7	1347.4	1379.8	1412.4	1445.4
1269.2	27.5°	1266.7	1265.8	1266.7	1269.2	1271.8	1282.4	1292.8	1318.1	1343.4	1366.8
1214.9	30°	1214.9	1215.7	1214.9	1214.9	1214.9	1220.3	1225.6	1243.8	1261.9	1279.8
1151.6	32.5°	1152.2	1153.0	1152.2	1151.6	1151.2	1154.7	1158.2	1172.6	1187.1	1203.6
1086.9	35°	1085.7	1085.1	1085.7	1086.9	1088.0	1093.3	1098.7	1111.9	1125.3	1137.0
1023.5	37.5°	1018.4	1015.5	1018.4	1023.5	1028.6	1038.3	1048.0	1060.3	1072.6	1078.0
963.8	40°	954.4	948.8	954.4	963.8	973.4	987.4	1001.6	1012.0	1022.4	1021.2
905.6	42.5°	891.7	882.6	891.7	905.6	919.4	937.0	954.5	963.3	972.1	965.5
851.8	45°	835.5	825.1	835.5	851.8	868.1	888.1	908.2	916.1	924.0	914.5
820.8	47.5°	805.8	795.7	805.8	820.8	835.9	853.7	871.6	877.1	882.6	871.7
807.2	50°	793.3	783.6	793.3	807.2	821.2	835.4	849.7	849.9	850.3	836.2
799.2	52.5°	786.8	777.9	786.8	799.2	811.7	823.3	835.0	832.0	829.0	812.4
790.0	55°	779.0	771.0	779.0	790.0	800.9	811.0	821.2	817.0	812.9	795.2
775.2	57.5°	764.4	756.0	764.4	775.2	786.1	796.3	806.5	802.3	798.1	780.4
755.1	60°	743.9	735.3	743.9	755.1	766.3	776.2	786.2	781.6	777.0	759.2
724.0	62.5°	712.3	701.9	712.3	724.0	735.8	744.8	753.8	749.4	745.0	728.6
681.3	65°	670.0	661.1	670.0	681.3	692.7	701.4	710.1	705.6	701.1	686.7
633.7	67.5°	623.1	615.1	623.1	633.7	644.3	652.2	660.2	655.9	651.4	639.0
583.8	70°	573.6	564.4	573.6	583.8	593.9	600.4	606.9	602.6	598.4	587.2
527.7	72.5°	518.1	509.2	518.1	527.7	537.4	542.8	548.2	543.1	538.1	527.1
464.8	75°	456.7	448.2	456.7	464.8	472.9	475.6	478.2	472.9	467.7	457.6
394.7	77.5°	386.5	379.7	386.5	394.7	402.9	406.7	410.3	405.4	400.5	390.0
319.6	80°	308.5	295.7	308.5	319.6	330.5	332.1	333.7	327.2	320.6	312.7
238.4	82.5°	229.1	220.9	229.1	238.4	247.7	248.4	249.1	238.0	226.8	209.8
148.7	85°	141.4	134.1	141.4	148.7	155.9	157.1	158.2	144.4	130.6	114.6
62.0	87.5°	58.2	54.7	58.2	62.0	65.7	67.2	68.6	63.0	57.4	50.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1407.0	2.5°	1415.7	1424.5	1433.2	1441.9	1451.8	1461.7	1472.7	1483.7	1497.4	1509.6
1335.1	5°	1349.2	1363.1	1378.6	1394.0	1411.4	1428.9	1449.8	1470.6	1494.5	1518.7
1291.4	7.5°	1308.5	1325.6	1345.1	1364.5	1387.5	1410.5	1438.2	1465.9	1496.8	1529.8
1283.3	10°	1302.6	1321.9	1342.8	1363.7	1386.7	1409.8	1439.0	1468.2	1501.4	1542.1
1320.2	12.5°	1340.1	1360.0	1376.4	1392.8	1408.0	1423.3	1447.2	1471.1	1502.0	1544.7
1397.0	15°	1414.3	1431.6	1435.9	1440.1	1438.1	1436.0	1447.4	1458.8	1483.6	1530.9
1478.7	17.5°	1492.6	1506.6	1493.3	1479.9	1454.9	1429.8	1425.6	1421.4	1436.7	1492.4
1529.6	20°	1536.1	1542.5	1514.6	1486.7	1443.1	1399.6	1380.0	1360.4	1364.5	1429.3
1529.0	22.5°	1525.2	1521.3	1485.0	1448.6	1398.8	1349.1	1320.2	1291.2	1283.3	1357.2
1478.4	25°	1465.1	1451.8	1416.0	1380.3	1335.5	1290.8	1257.5	1224.1	1202.8	1278.5
1390.4	27.5°	1375.5	1360.6	1332.0	1303.3	1266.6	1229.8	1197.6	1165.4	1139.5	1208.4
1297.7	30°	1285.6	1273.6	1249.7	1226.0	1195.5	1165.0	1139.3	1113.8	1093.5	1151.3
1220.1	32.5°	1206.6	1193.2	1170.3	1147.6	1123.2	1098.8	1083.7	1068.6	1059.5	1106.1
1148.7	35°	1132.6	1116.5	1093.9	1071.3	1052.8	1034.2	1030.0	1025.9	1029.6	1068.4
1083.4	37.5°	1063.5	1043.6	1021.0	998.5	985.3	971.9	976.5	981.1	994.8	1028.7
1019.8	40°	996.9	974.0	952.2	930.5	920.9	911.3	921.7	932.1	953.1	983.9
958.8	42.5°	934.1	909.4	888.7	868.1	860.2	852.4	866.2	880.0	906.5	934.8
905.0	45°	879.4	853.7	834.2	814.6	807.9	801.4	814.8	828.2	853.8	882.6
860.7	47.5°	835.4	810.1	791.0	771.8	765.7	759.5	770.8	782.0	804.1	841.2
822.2	50°	799.5	776.9	758.8	740.8	731.1	721.4	731.3	741.4	767.0	815.7
795.7	52.5°	774.6	753.4	736.9	720.4	705.9	691.3	701.1	711.0	746.8	802.9
777.6	55°	759.1	740.6	722.8	704.9	684.3	663.7	679.3	694.9	748.8	801.0
762.6	57.5°	744.3	726.0	705.0	684.1	661.9	639.7	662.5	685.3	750.8	796.9
741.4	60°	722.7	704.1	680.1	656.0	636.6	617.1	646.6	676.2	744.5	774.9
712.3	62.5°	692.4	672.6	644.5	616.5	604.1	591.8	628.6	665.6	729.0	732.7
672.3	65°	653.3	634.3	604.2	574.2	569.5	564.7	604.0	643.3	691.6	691.1
626.6	67.5°	608.6	590.6	562.8	535.1	536.6	538.1	570.8	603.4	630.6	631.9
575.9	70°	560.4	544.9	520.5	496.1	501.3	506.4	529.7	552.9	561.8	561.8
516.1	72.5°	502.1	488.0	468.9	449.6	457.2	464.8	480.7	496.7	496.5	490.9
447.6	75°	434.9	422.2	407.9	393.7	401.0	408.2	420.5	432.8	435.0	409.0
379.5	77.5°	368.5	357.6	346.0	334.4	341.8	349.1	359.0	368.8	370.0	327.1
304.7	80°	295.4	286.2	276.6	267.0	273.2	279.3	287.6	295.9	296.0	244.8
192.7	82.5°	196.0	199.2	200.0	200.8	205.2	209.5	213.6	217.6	215.2	171.5
98.7	85°	107.6	116.5	120.7	124.9	129.7	134.6	138.9	143.3	140.1	107.6
44.0	87.5°	50.9	57.7	57.8	58.0	58.9	59.8	61.6	63.3	59.3	45.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949376  
 CATALOG NUMBER: GALN-SB4A-927-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
1499.4	0°	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4	1499.4
1522.3	2.5°	1535.0	1548.2	1561.4	1574.5	1587.7	1600.1	1612.5
1544.3	5°	1569.9	1597.3	1624.7	1651.9	1679.2	1706.5	1733.9
1565.5	7.5°	1601.2	1641.8	1682.4	1724.0	1765.7	1810.7	1855.8
1584.4	10°	1626.7	1676.0	1725.2	1780.2	1835.3	1892.3	1949.3
1592.5	12.5°	1640.4	1698.5	1756.6	1819.0	1881.3	1943.9	2006.6
1586.3	15°	1641.6	1708.5	1775.5	1843.1	1910.8	1976.1	2041.4
1558.9	17.5°	1625.5	1703.2	1780.9	1854.7	1928.5	1994.7	2060.9
1511.8	20°	1594.3	1688.5	1782.6	1863.7	1944.8	2013.7	2082.5
1456.5	22.5°	1555.9	1670.4	1784.9	1875.9	1966.9	2037.2	2107.6
1394.8	25°	1511.2	1652.6	1794.0	1898.0	2002.0	2070.8	2139.8
1338.4	27.5°	1468.3	1640.6	1813.0	1932.5	2052.0	2117.8	2183.5
1291.2	30°	1431.0	1635.1	1839.0	1977.2	2115.5	2179.0	2242.5
1250.5	32.5°	1394.8	1628.2	1861.4	2023.9	2186.4	2249.2	2312.1
1210.5	35°	1352.6	1615.2	1877.9	2077.1	2276.2	2336.5	2396.7
1163.4	37.5°	1298.1	1592.9	1887.6	2136.6	2385.6	2462.3	2539.1
1107.3	40°	1230.7	1562.2	1893.8	2212.2	2530.6	2642.4	2754.3
1045.3	42.5°	1155.8	1530.6	1905.5	2311.1	2716.7	2878.2	3039.6
979.5	45°	1076.4	1501.2	1926.0	2441.3	2956.5	3174.3	3392.0
927.4	47.5°	1013.7	1476.9	1940.1	2579.9	3219.7	3526.3	3832.8
892.8	50°	969.9	1450.4	1930.9	2708.6	3486.2	3948.4	4410.4
870.1	52.5°	937.3	1405.7	1874.2	2792.1	3709.9	4391.7	5073.5
853.5	55°	906.1	1331.6	1757.2	2773.7	3790.2	4784.8	5779.5
834.0	57.5°	871.1	1227.1	1583.1	2644.1	3705.2	5063.4	6421.6
804.1	60°	833.2	1091.5	1349.7	2403.0	3456.3	5133.0	6809.7
752.1	62.5°	771.4	929.1	1086.7	2076.9	3067.1	4839.9	6612.6
700.3	65°	709.4	783.0	856.6	1744.3	2632.0	4425.1	6218.2
626.8	67.5°	621.7	642.6	663.5	1418.4	2173.3	3931.5	5689.8
538.2	70°	514.5	508.6	502.6	1116.8	1731.0	3392.9	5054.8
457.4	72.5°	423.8	405.7	387.7	853.8	1319.9	2809.0	4298.2
371.3	75°	333.7	317.4	301.0	619.7	938.3	2139.7	3341.1
290.6	77.5°	254.0	242.9	231.8	419.9	608.0	1497.6	2387.2
213.9	80°	183.0	178.4	173.8	270.5	367.4	964.9	1562.4
148.7	82.5°	125.9	125.0	124.2	166.4	208.7	558.4	908.2
90.9	85°	74.2	74.7	75.1	89.0	102.9	251.2	399.6
38.9	87.5°	32.1	32.5	32.9	36.9	40.9	82.3	123.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)