

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: P948368

Luminaire Tested: **GALN-SB3B-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948368
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-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12199 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

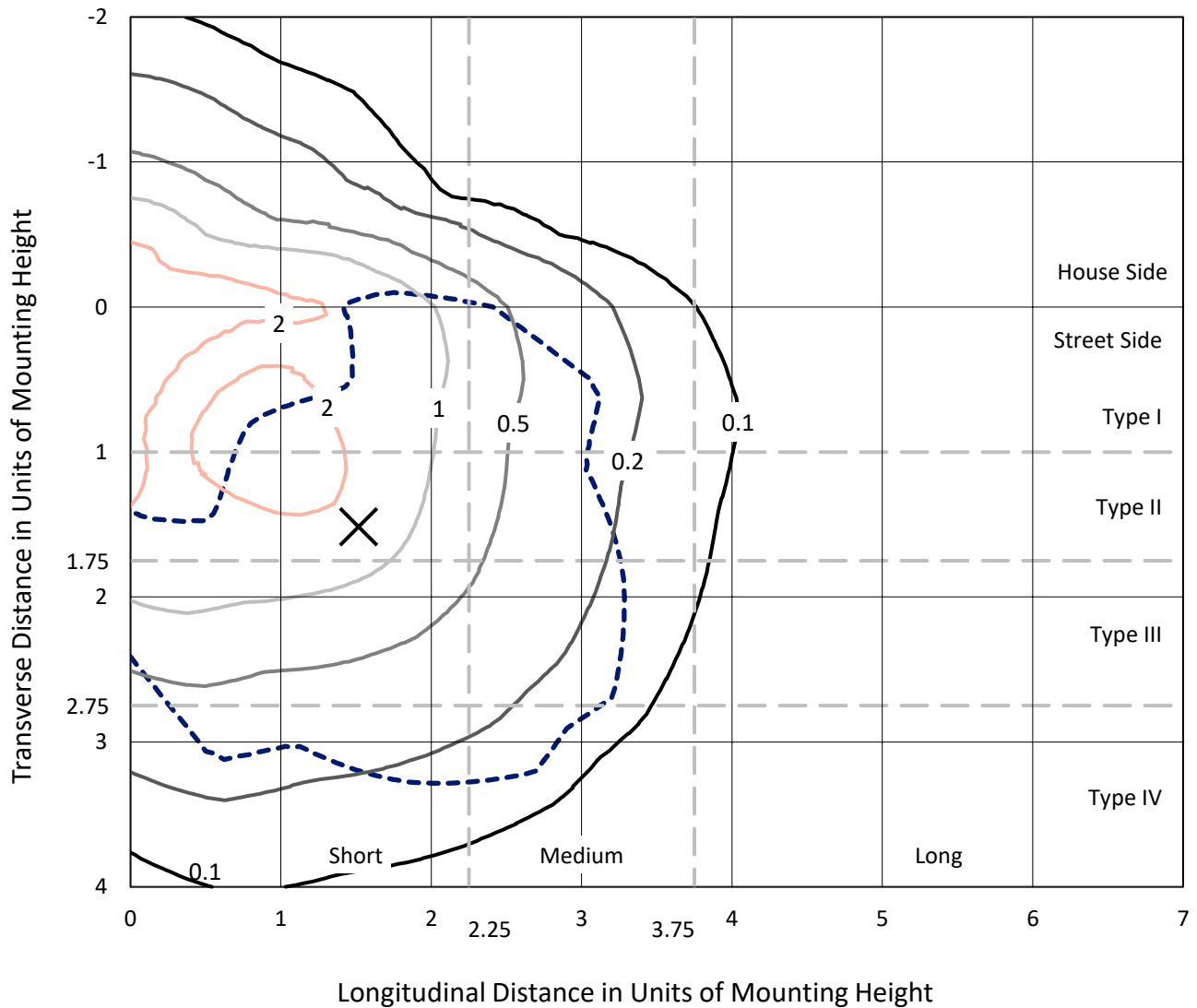
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

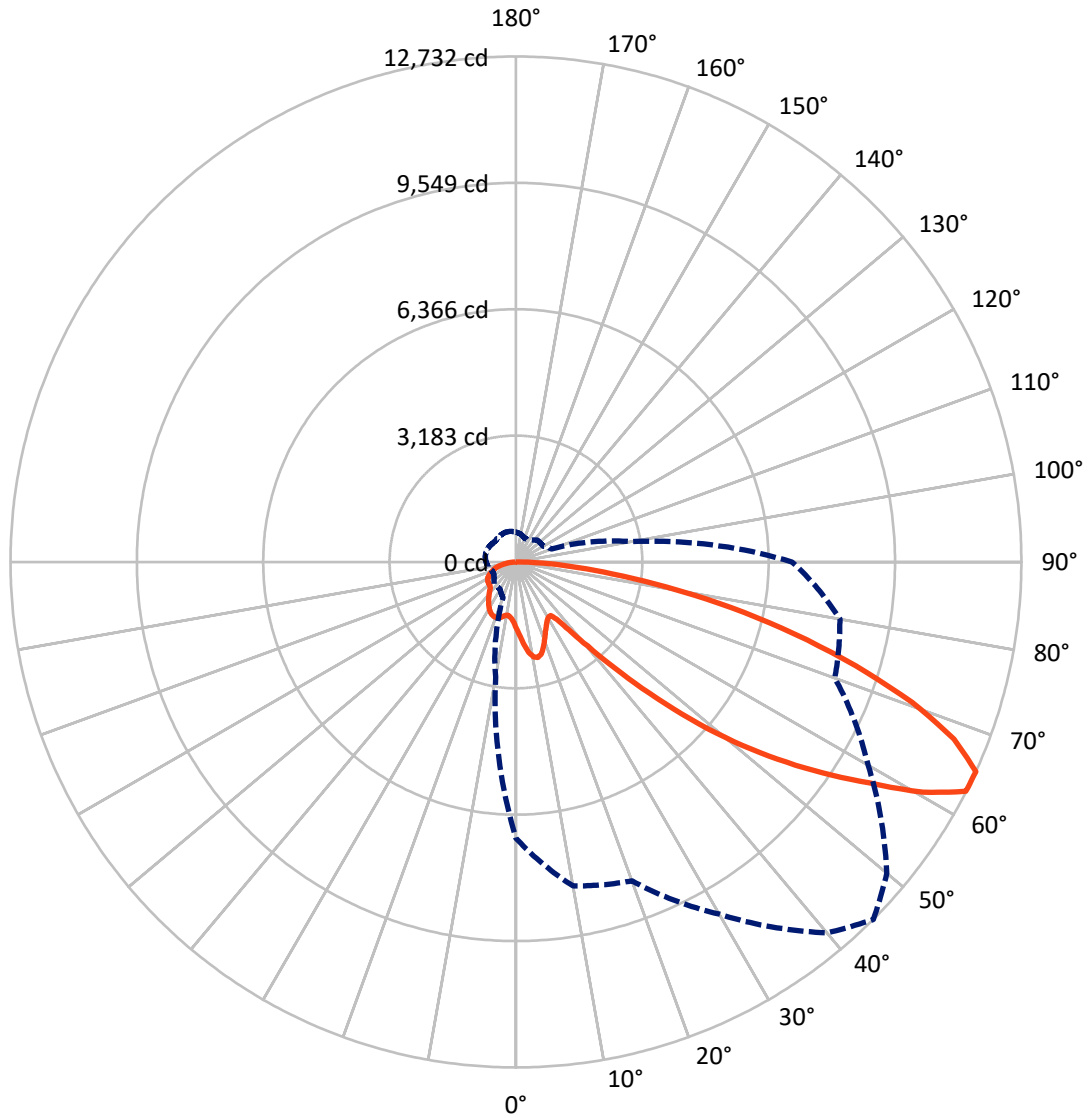
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.7 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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CATALOG NUMBER: GALN-SB3B-940-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3100.4	0.0	3100.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9098.6	0.0	9098.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	12199.0	0.0	12199.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.4	1.4
10°-20°	522.4	4.3
20°-30°	806.9	6.6
30°-40°	1022.5	8.4
40°-50°	1542.2	12.6
50°-60°	2491.7	20.4
60°-70°	3106.3	25.5
70°-80°	2037.0	16.7
80°-90°	503.6	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°	12199.0	100.0
0°-180°	12199.0	100.0

Coefficient of Utilization



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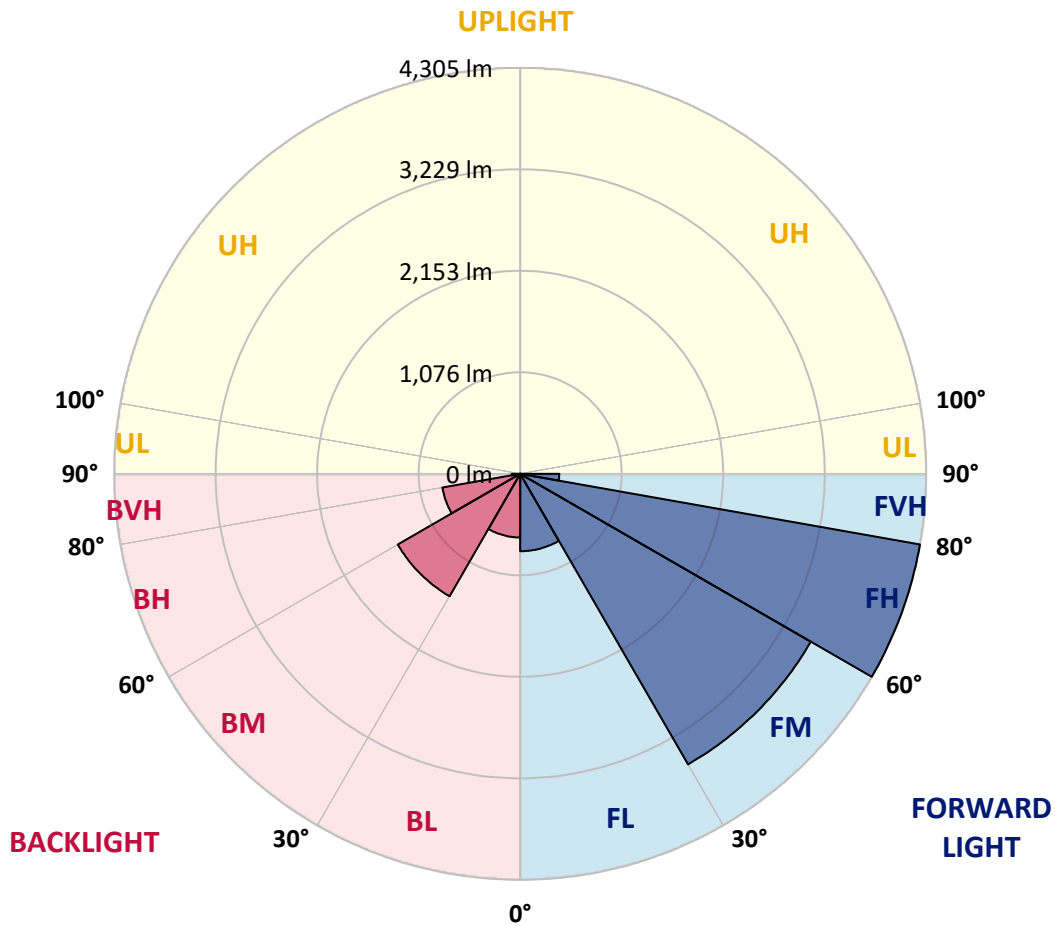
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	820.5	6.7			
FM (30°-60°)	3558.2	29.2			
FH (60°-80°)	4305.1	35.3			G2/5000
FVH (80°-90°)	414.8	3.4			G3/500
BL (0°-30°)	675.1	5.5	B2/1000		
BM (30°-60°)	1498.3	12.3	B2/2500		
BH (60°-80°)	838.2	6.9	B2/1000		G2/1000
BVH (80°-90°)	88.7	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°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
2.5°	1804.0	1810.8	1817.7	1827.4	1837.1	1842.9	1848.7	1851.6	1854.5	1853.2
5°	1939.8	1963.7	1987.6	2011.3	2035.0	2047.9	2060.8	2068.6	2076.4	2082.4
7.5°	2076.2	2115.1	2153.9	2188.9	2223.8	2244.9	2265.9	2277.3	2288.7	2294.1
10°	2180.8	2226.8	2272.8	2313.8	2354.8	2379.6	2404.3	2415.4	2426.4	2430.6
12.5°	2244.9	2294.7	2344.5	2381.5	2418.5	2436.5	2454.5	2460.6	2466.6	2467.3
15°	2283.8	2326.8	2369.8	2393.0	2416.3	2416.9	2417.6	2411.2	2404.7	2397.1
17.5°	2305.7	2334.7	2363.8	2364.2	2364.6	2338.5	2312.5	2288.6	2264.6	2247.8
20°	2329.9	2340.0	2350.1	2319.6	2289.0	2231.4	2173.9	2132.0	2090.1	2064.3
22.5°	2357.9	2344.6	2331.3	2268.0	2204.7	2120.0	2035.4	1983.0	1930.6	1902.1
25°	2393.9	2352.1	2310.2	2214.1	2117.9	2015.1	1912.3	1857.2	1802.2	1775.3
27.5°	2442.8	2368.0	2293.2	2165.8	2038.5	1924.5	1810.6	1756.4	1702.2	1676.8
30°	2508.8	2397.2	2285.8	2129.0	1972.2	1853.5	1734.8	1684.5	1634.2	1610.5
32.5°	2586.7	2433.9	2281.3	2103.9	1926.4	1814.9	1703.3	1663.9	1624.4	1607.3
35°	2681.3	2494.4	2307.5	2122.6	1937.8	1860.3	1782.9	1773.7	1764.5	1763.1
37.5°	2840.6	2620.7	2400.9	2232.8	2064.8	2059.8	2054.8	2096.9	2139.0	2160.9
40°	3081.4	2842.2	2603.1	2478.2	2353.2	2441.4	2529.6	2631.9	2734.3	2785.3
42.5°	3400.6	3163.4	2926.1	2854.1	2782.2	2974.5	3166.8	3353.0	3539.2	3648.5
45°	3794.9	3581.8	3368.6	3336.8	3305.0	3613.2	3921.4	4227.3	4533.2	4718.9
47.5°	4288.0	4080.6	3873.2	3866.8	3860.4	4304.9	4749.3	5197.1	5644.9	5907.8
50°	4934.2	4678.1	4422.1	4423.1	4424.2	4997.1	5570.0	6161.1	6752.2	7109.6
52.5°	5676.1	5366.0	5055.9	5024.5	4993.1	5677.4	6361.8	7093.1	7824.4	8252.8
55°	6465.9	6159.5	5853.1	5730.9	5608.6	6370.3	7131.8	8003.7	8875.6	9385.1
57.5°	7184.3	7017.4	6850.5	6605.3	6360.2	7129.2	7898.3	8885.8	9873.3	10505.1
60°	7618.4	7877.6	8136.8	7832.3	7527.9	8255.6	8983.4	10040.7	11098.1	11780.9
62.5°	7398.0	8106.1	8814.2	8779.9	8745.6	9412.2	10079.0	11084.9	12090.8	12722.0
65°	6956.7	7621.3	8286.0	8417.5	8548.9	9396.1	10243.4	11218.9	12194.3	12731.6
67.5°	6365.5	6997.6	7629.7	7691.4	7753.0	8635.7	9518.4	10498.1	11477.7	11898.7
70°	5655.2	6342.7	7030.3	7057.9	7085.5	7874.9	8664.3	9507.3	10350.3	10584.3
72.5°	4808.7	5597.7	6386.7	6406.6	6426.3	7043.9	7661.6	8293.0	8924.3	8948.0
75°	3737.9	4554.5	5371.1	5444.4	5517.7	5998.3	6478.8	6923.3	7367.7	7248.6
77.5°	2670.7	3433.0	4195.3	4300.2	4405.1	4770.4	5135.7	5450.9	5766.2	5561.5
80°	1748.0	2389.3	3030.5	3160.9	3291.3	3567.2	3843.0	4008.5	4174.0	3844.8
82.5°	1016.1	1454.5	1893.0	2038.6	2184.4	2374.3	2564.2	2633.2	2702.2	2443.5
85°	447.0	679.7	912.4	1036.3	1160.3	1316.3	1472.3	1511.5	1550.7	1343.4
87.5°	138.4	216.6	294.8	363.9	433.1	511.1	589.1	592.5	595.7	500.2
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°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1854.5	2.5°	1851.6	1848.7	1842.9	1837.1	1827.4	1817.7	1810.8	1804.0	1790.1	1776.3
2076.4	5°	2068.6	2060.8	2047.9	2035.0	2011.3	1987.6	1963.7	1939.8	1909.2	1878.6
2288.7	7.5°	2277.3	2265.9	2244.9	2223.8	2188.9	2153.9	2115.1	2076.2	2025.8	1975.4
2426.4	10°	2415.4	2404.3	2379.6	2354.8	2313.8	2272.8	2226.8	2180.8	2117.0	2053.3
2466.6	12.5°	2460.6	2454.5	2436.5	2418.5	2381.5	2344.5	2294.7	2244.9	2174.8	2104.8
2404.7	15°	2411.2	2417.6	2416.9	2416.3	2393.0	2369.8	2326.8	2283.8	2210.8	2137.7
2264.6	17.5°	2288.6	2312.5	2338.5	2364.6	2364.2	2363.8	2334.7	2305.7	2231.6	2157.5
2090.1	20°	2132.0	2173.9	2231.4	2289.0	2319.6	2350.1	2340.0	2329.9	2252.9	2175.8
1930.6	22.5°	1983.0	2035.4	2120.0	2204.7	2268.0	2331.3	2344.6	2357.9	2279.2	2200.5
1802.2	25°	1857.2	1912.3	2015.1	2117.9	2214.1	2310.2	2352.1	2393.9	2316.8	2239.7
1702.2	27.5°	1756.4	1810.6	1924.5	2038.5	2165.8	2293.2	2368.0	2442.8	2369.3	2295.7
1634.2	30°	1684.5	1734.8	1853.5	1972.2	2129.0	2285.8	2397.2	2508.8	2437.7	2366.7
1624.4	32.5°	1663.9	1703.3	1814.9	1926.4	2103.9	2281.3	2433.9	2586.7	2516.3	2446.0
1764.5	35°	1773.7	1782.9	1860.3	1937.8	2122.6	2307.5	2494.4	2681.3	2614.0	2546.6
2139.0	37.5°	2096.9	2054.8	2059.8	2064.8	2232.8	2400.9	2620.7	2840.6	2754.8	2668.9
2734.3	40°	2631.9	2529.6	2441.4	2353.2	2478.2	2603.1	2842.2	3081.4	2956.2	2831.1
3539.2	42.5°	3353.0	3166.8	2974.5	2782.2	2854.1	2926.1	3163.4	3400.6	3220.0	3039.4
4533.2	45°	4227.3	3921.4	3613.2	3305.0	3336.8	3368.6	3581.8	3794.9	3551.3	3307.6
5644.9	47.5°	5197.1	4749.3	4304.9	3860.4	3866.8	3873.2	4080.6	4288.0	3945.1	3602.1
6752.2	50°	6161.1	5570.0	4997.1	4424.2	4423.1	4422.1	4678.1	4934.2	4417.3	3900.3
7824.4	52.5°	7093.1	6361.8	5677.4	4993.1	5024.5	5055.9	5366.0	5676.1	4913.3	4150.5
8875.6	55°	8003.7	7131.8	6370.3	5608.6	5730.9	5853.1	6159.5	6465.9	5353.1	4240.3
9873.3	57.5°	8885.8	7898.3	7129.2	6360.2	6605.3	6850.5	7017.4	7184.3	5664.8	4145.3
11098.1	60°	10040.7	8983.4	8255.6	7527.9	7832.3	8136.8	7877.6	7618.4	5742.7	3866.8
12090.8	62.5°	11084.9	10079.0	9412.2	8745.6	8779.9	8814.2	8106.1	7398.0	5414.7	3431.4
12194.3	65°	11218.9	10243.4	9396.1	8548.9	8417.5	8286.0	7621.3	6956.7	4950.7	2944.6
11477.7	67.5°	10498.1	9518.4	8635.7	7753.0	7691.4	7629.7	6997.6	6365.5	4398.4	2431.4
10350.3	70°	9507.3	8664.3	7874.9	7085.5	7057.9	7030.3	6342.7	5655.2	3795.9	1936.6
8924.3	72.5°	8293.0	7661.6	7043.9	6426.3	6406.6	6386.7	5597.7	4808.7	3142.6	1476.6
7367.7	75°	6923.3	6478.8	5998.3	5517.7	5444.4	5371.1	4554.5	3737.9	2393.8	1049.7
5766.2	77.5°	5450.9	5135.7	4770.4	4405.1	4300.2	4195.3	3433.0	2670.7	1675.5	680.3
4174.0	80°	4008.5	3843.0	3567.2	3291.3	3160.9	3030.5	2389.3	1748.0	1079.5	411.0
2702.2	82.5°	2633.2	2564.2	2374.3	2184.4	2038.6	1893.0	1454.5	1016.1	624.8	233.5
1550.7	85°	1511.5	1472.3	1316.3	1160.3	1036.3	912.4	679.7	447.0	281.0	115.1
595.7	87.5°	592.5	589.1	511.1	433.1	363.9	294.8	216.6	138.4	92.0	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

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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1761.5	2.5°	1746.9	1732.1	1717.2	1703.1	1688.9	1675.2	1660.0	1647.6	1635.3	1624.2
1848.1	5°	1817.7	1787.0	1756.3	1727.7	1699.0	1672.0	1645.3	1622.0	1598.6	1579.0
1928.8	7.5°	1882.2	1836.8	1791.4	1751.4	1711.5	1674.6	1640.0	1609.0	1578.0	1552.3
1991.7	10°	1930.1	1875.0	1819.9	1772.6	1725.2	1679.7	1642.6	1609.9	1577.2	1551.4
2035.0	12.5°	1965.2	1900.2	1835.2	1781.7	1728.2	1680.4	1645.8	1619.0	1592.4	1575.2
2062.0	15°	1986.3	1911.5	1836.6	1774.7	1712.7	1659.8	1632.1	1619.3	1606.5	1608.8
2074.9	17.5°	1992.4	1905.5	1818.6	1744.1	1669.6	1607.3	1590.2	1594.9	1599.6	1627.6
2085.1	20°	1994.3	1889.0	1783.7	1691.4	1599.1	1526.5	1522.0	1543.9	1565.8	1614.5
2098.7	22.5°	1996.9	1868.8	1740.7	1629.5	1518.3	1435.8	1444.6	1477.0	1509.3	1564.9
2123.4	25°	2007.0	1848.8	1690.7	1560.4	1430.3	1345.6	1369.5	1406.8	1444.1	1494.1
2162.0	27.5°	2028.3	1835.5	1642.7	1497.3	1351.9	1274.8	1303.8	1339.8	1375.9	1417.0
2212.1	30°	2057.4	1829.3	1601.0	1444.5	1288.0	1223.3	1246.1	1274.6	1303.4	1337.5
2264.3	32.5°	2082.5	1821.5	1560.4	1399.0	1237.5	1185.4	1195.5	1212.4	1229.3	1256.6
2323.7	35°	2100.9	1807.0	1513.2	1354.3	1195.3	1151.9	1147.7	1152.3	1157.0	1177.8
2390.4	37.5°	2111.8	1782.1	1452.3	1301.6	1150.9	1112.9	1097.6	1092.5	1087.3	1102.3
2474.9	40°	2118.7	1747.8	1376.9	1238.8	1100.7	1066.3	1042.8	1031.1	1019.5	1030.2
2585.6	42.5°	2131.8	1712.4	1293.1	1169.5	1045.9	1014.1	984.5	969.1	953.6	962.4
2731.2	45°	2154.8	1679.5	1204.2	1095.8	987.4	955.2	926.6	911.5	896.5	903.9
2886.3	47.5°	2170.5	1652.3	1134.1	1037.6	941.1	899.6	874.9	862.3	849.7	856.6
3030.3	50°	2160.2	1622.7	1085.1	998.9	912.6	858.0	829.4	818.2	807.1	817.9
3123.7	52.5°	2096.8	1572.7	1048.6	973.4	898.3	835.5	795.5	784.4	773.4	789.7
3103.1	55°	1965.8	1489.8	1013.7	954.9	896.2	837.8	777.5	759.9	742.5	765.6
2958.2	57.5°	1771.1	1372.9	974.6	933.0	891.5	840.0	766.6	741.1	715.7	740.5
2688.4	60°	1510.0	1221.1	932.2	899.6	866.9	832.9	756.5	723.4	690.4	712.2
2323.6	62.5°	1215.8	1039.4	863.1	841.4	819.7	815.6	744.6	703.3	662.0	675.9
1951.4	65°	958.3	876.0	793.7	783.4	773.2	773.7	719.7	675.8	631.8	637.1
1586.8	67.5°	742.3	718.9	695.5	701.2	706.9	705.5	675.1	638.5	602.0	600.3
1249.4	70°	562.3	569.0	575.6	602.1	628.6	628.6	618.6	592.6	566.6	560.8
955.2	72.5°	433.7	453.9	474.1	511.7	549.2	555.5	555.6	537.8	520.0	511.5
693.3	75°	336.8	355.1	373.3	415.4	457.5	486.6	484.2	470.5	456.7	448.6
469.8	77.5°	259.3	271.7	284.2	325.1	365.9	413.9	412.6	401.6	390.6	382.4
302.7	80°	194.4	199.5	204.7	239.3	273.9	331.2	331.0	321.8	312.5	305.6
186.2	82.5°	138.9	139.8	140.8	166.3	191.8	240.7	243.4	238.9	234.4	229.5
99.5	85°	84.0	83.6	83.0	101.7	120.4	156.7	160.3	155.5	150.6	145.2
41.3	87.5°	36.8	36.4	35.9	43.5	51.2	66.3	70.8	68.9	66.9	65.9
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: P948368
 CATALOG NUMBER: GALN-SB3B-940-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1613.1	2.5°	1603.4	1593.7	1583.9	1574.2	1566.6	1559.0	1552.9	1546.8	1542.0	1537.3
1559.5	5°	1542.3	1525.0	1509.4	1493.7	1481.7	1469.6	1461.1	1452.7	1446.7	1440.7
1526.5	7.5°	1504.8	1483.1	1463.9	1444.8	1430.4	1416.1	1406.1	1396.0	1389.2	1382.3
1525.7	10°	1502.3	1478.9	1457.3	1435.8	1418.6	1401.5	1390.3	1378.9	1372.4	1365.9
1558.3	12.5°	1539.8	1521.6	1499.2	1477.0	1455.1	1433.2	1418.7	1404.2	1396.9	1389.7
1611.2	15°	1606.4	1601.6	1582.3	1562.9	1531.7	1500.6	1478.6	1456.6	1446.4	1436.4
1655.7	17.5°	1670.6	1685.5	1669.9	1654.3	1613.0	1571.8	1539.3	1506.9	1492.0	1477.0
1663.3	20°	1694.5	1725.7	1718.5	1711.3	1664.1	1617.0	1577.2	1537.5	1518.3	1499.2
1620.7	22.5°	1661.3	1701.9	1706.3	1710.6	1665.6	1620.5	1579.6	1538.6	1518.4	1498.2
1544.2	25°	1584.2	1624.2	1639.1	1654.0	1617.0	1580.1	1543.7	1507.4	1489.9	1472.5
1458.1	27.5°	1490.2	1522.2	1538.8	1555.5	1529.2	1502.9	1474.6	1446.4	1434.7	1422.9
1371.6	30°	1398.2	1424.8	1438.3	1451.9	1431.8	1411.8	1391.5	1371.2	1365.2	1359.2
1283.8	32.5°	1309.3	1334.9	1349.9	1365.0	1346.5	1328.1	1311.9	1295.8	1291.8	1287.9
1198.6	35°	1223.8	1249.1	1267.1	1285.1	1272.0	1258.9	1244.0	1229.1	1223.1	1217.2
1117.1	37.5°	1142.3	1167.5	1189.8	1212.1	1206.0	1200.0	1186.3	1172.5	1161.6	1150.8
1041.0	40°	1065.3	1089.6	1115.3	1140.9	1142.4	1143.8	1132.2	1120.5	1104.7	1089.0
971.2	42.5°	994.3	1017.4	1045.0	1072.7	1080.1	1087.5	1077.7	1067.9	1048.3	1028.6
911.3	45°	933.2	955.1	983.8	1012.5	1023.2	1033.8	1024.9	1016.1	993.6	971.2
863.5	47.5°	885.0	906.3	934.6	963.0	975.2	987.4	981.2	975.1	955.1	935.2
828.8	50°	849.0	869.1	894.5	919.8	935.5	951.3	950.9	950.6	934.6	918.7
805.9	52.5°	824.4	842.9	866.5	890.2	908.8	927.4	930.8	934.1	921.1	908.1
788.7	55°	808.6	828.6	849.3	870.0	889.7	909.4	914.0	918.7	907.4	896.0
765.4	57.5°	788.8	812.2	832.7	853.2	873.1	892.9	897.6	902.3	890.9	879.4
733.9	60°	760.8	787.8	808.5	829.4	849.4	869.3	874.5	879.6	868.4	857.3
689.7	62.5°	721.1	752.5	774.7	796.9	815.2	833.5	838.4	843.4	833.3	823.2
642.4	65°	676.0	709.7	730.9	752.2	768.2	784.3	789.4	794.4	784.7	775.0
598.6	67.5°	629.7	660.8	680.9	701.0	714.9	728.8	733.7	738.6	729.7	720.8
555.0	70°	582.3	609.6	627.0	644.3	656.9	669.4	674.2	679.0	671.7	664.4
503.0	72.5°	524.5	546.0	561.7	577.4	589.7	602.0	607.6	613.3	607.3	601.2
440.4	75°	456.4	472.3	486.6	500.8	512.0	523.2	529.1	535.0	532.1	529.1
374.1	77.5°	387.1	400.1	412.3	424.5	436.3	448.0	453.5	459.1	455.0	450.7
298.7	80°	309.5	320.2	330.5	340.8	349.8	358.7	366.0	373.3	371.5	369.8
224.6	82.5°	223.7	222.8	219.2	215.6	234.7	253.7	266.2	278.7	277.9	277.1
139.7	85°	135.0	130.3	120.4	110.4	128.2	146.1	161.6	177.0	175.7	174.4
64.9	87.5°	64.7	64.5	56.9	49.2	56.7	64.2	70.5	76.7	75.2	73.5
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°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1532.9	2.5°	1528.5	1523.0	1528.5	1532.9	1537.3	1542.0	1546.8	1552.9	1559.0	1566.6
1436.1	5°	1431.6	1427.1	1431.6	1436.1	1440.7	1446.7	1452.7	1461.1	1469.6	1481.7
1378.2	7.5°	1374.2	1371.1	1374.2	1378.2	1382.3	1389.2	1396.0	1406.1	1416.1	1430.4
1362.4	10°	1359.0	1357.6	1359.0	1362.4	1365.9	1372.4	1378.9	1390.3	1401.5	1418.6
1386.8	12.5°	1383.8	1383.3	1383.8	1386.8	1389.7	1396.9	1404.2	1418.7	1433.2	1455.1
1432.5	15°	1428.7	1428.4	1428.7	1432.5	1436.4	1446.4	1456.6	1478.6	1500.6	1531.7
1472.1	17.5°	1467.1	1466.3	1467.1	1472.1	1477.0	1492.0	1506.9	1539.3	1571.8	1613.0
1493.0	20°	1486.9	1485.0	1486.9	1493.0	1499.2	1518.3	1537.5	1577.2	1617.0	1664.1
1491.4	22.5°	1484.7	1481.8	1484.7	1491.4	1498.2	1518.4	1538.6	1579.6	1620.5	1665.6
1466.1	25°	1459.8	1456.0	1459.8	1466.1	1472.5	1489.9	1507.4	1543.7	1580.1	1617.0
1420.0	27.5°	1417.1	1416.1	1417.1	1420.0	1422.9	1434.7	1446.4	1474.6	1502.9	1529.2
1359.2	30°	1359.2	1360.1	1359.2	1359.2	1359.2	1365.2	1371.2	1391.5	1411.8	1431.8
1288.4	32.5°	1289.0	1290.0	1289.0	1288.4	1287.9	1291.8	1295.8	1311.9	1328.1	1346.5
1215.9	35°	1214.7	1214.0	1214.7	1215.9	1217.2	1223.1	1229.1	1244.0	1258.9	1272.0
1145.1	37.5°	1139.3	1136.1	1139.3	1145.1	1150.8	1161.6	1172.5	1186.3	1200.0	1206.0
1078.3	40°	1067.8	1061.5	1067.8	1078.3	1089.0	1104.7	1120.5	1132.2	1143.8	1142.4
1013.1	42.5°	997.6	987.4	997.6	1013.1	1028.6	1048.3	1067.9	1077.7	1087.5	1080.1
953.0	45°	934.8	923.1	934.8	953.0	971.2	993.6	1016.1	1024.9	1033.8	1023.2
918.3	47.5°	901.5	890.2	901.5	918.3	935.2	955.1	975.1	981.2	987.4	975.2
903.1	50°	887.5	876.7	887.5	903.1	918.7	934.6	950.6	950.9	951.3	935.5
894.2	52.5°	880.3	870.3	880.3	894.2	908.1	921.1	934.1	930.8	927.4	908.8
883.8	55°	871.6	862.6	871.6	883.8	896.0	907.4	918.7	914.0	909.4	889.7
867.3	57.5°	855.1	845.8	855.1	867.3	879.4	890.9	902.3	897.6	892.9	873.1
844.8	60°	832.3	822.6	832.3	844.8	857.3	868.4	879.6	874.5	869.3	849.4
810.0	62.5°	796.9	785.3	796.9	810.0	823.2	833.3	843.4	838.4	833.5	815.2
762.3	65°	749.6	739.6	749.6	762.3	775.0	784.7	794.4	789.4	784.3	768.2
709.0	67.5°	697.1	688.1	697.1	709.0	720.8	729.7	738.6	733.7	728.8	714.9
653.1	70°	641.8	631.5	641.8	653.1	664.4	671.7	679.0	674.2	669.4	656.9
590.4	72.5°	579.6	569.7	579.6	590.4	601.2	607.3	613.3	607.6	602.0	589.7
520.0	75°	511.0	501.4	511.0	520.0	529.1	532.1	535.0	529.1	523.2	512.0
441.6	77.5°	432.4	424.8	432.4	441.6	450.7	455.0	459.1	453.5	448.0	436.3
357.5	80°	345.1	330.9	345.1	357.5	369.8	371.5	373.3	366.0	358.7	349.8
266.7	82.5°	256.3	247.2	256.3	266.7	277.1	277.9	278.7	266.2	253.7	234.7
166.3	85°	158.2	150.0	158.2	166.3	174.4	175.7	177.0	161.6	146.1	128.2
69.4	87.5°	65.1	61.2	65.1	69.4	73.5	75.2	76.7	70.5	64.2	56.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1574.2	2.5°	1583.9	1593.7	1603.4	1613.1	1624.2	1635.3	1647.6	1660.0	1675.2	1688.9
1493.7	5°	1509.4	1525.0	1542.3	1559.5	1579.0	1598.6	1622.0	1645.3	1672.0	1699.0
1444.8	7.5°	1463.9	1483.1	1504.8	1526.5	1552.3	1578.0	1609.0	1640.0	1674.6	1711.5
1435.8	10°	1457.3	1478.9	1502.3	1525.7	1551.4	1577.2	1609.9	1642.6	1679.7	1725.2
1477.0	12.5°	1499.2	1521.6	1539.8	1558.3	1575.2	1592.4	1619.0	1645.8	1680.4	1728.2
1562.9	15°	1582.3	1601.6	1606.4	1611.2	1608.8	1606.5	1619.3	1632.1	1659.8	1712.7
1654.3	17.5°	1669.9	1685.5	1670.6	1655.7	1627.6	1599.6	1594.9	1590.2	1607.3	1669.6
1711.3	20°	1718.5	1725.7	1694.5	1663.3	1614.5	1565.8	1543.9	1522.0	1526.5	1599.1
1710.6	22.5°	1706.3	1701.9	1661.3	1620.7	1564.9	1509.3	1477.0	1444.6	1435.8	1518.3
1654.0	25°	1639.1	1624.2	1584.2	1544.2	1494.1	1444.1	1406.8	1369.5	1345.6	1430.3
1555.5	27.5°	1538.8	1522.2	1490.2	1458.1	1417.0	1375.9	1339.8	1303.8	1274.8	1351.9
1451.9	30°	1438.3	1424.8	1398.2	1371.6	1337.5	1303.4	1274.6	1246.1	1223.3	1288.0
1365.0	32.5°	1349.9	1334.9	1309.3	1283.8	1256.6	1229.3	1212.4	1195.5	1185.4	1237.5
1285.1	35°	1267.1	1249.1	1223.8	1198.6	1177.8	1157.0	1152.3	1147.7	1151.9	1195.3
1212.1	37.5°	1189.8	1167.5	1142.3	1117.1	1102.3	1087.3	1092.5	1097.6	1112.9	1150.9
1140.9	40°	1115.3	1089.6	1065.3	1041.0	1030.2	1019.5	1031.1	1042.8	1066.3	1100.7
1072.7	42.5°	1045.0	1017.4	994.3	971.2	962.4	953.6	969.1	984.5	1014.1	1045.9
1012.5	45°	983.8	955.1	933.2	911.3	903.9	896.5	911.5	926.6	955.2	987.4
963.0	47.5°	934.6	906.3	885.0	863.5	856.6	849.7	862.3	874.9	899.6	941.1
919.8	50°	894.5	869.1	849.0	828.8	817.9	807.1	818.2	829.4	858.0	912.6
890.2	52.5°	866.5	842.9	824.4	805.9	789.7	773.4	784.4	795.5	835.5	898.3
870.0	55°	849.3	828.6	808.6	788.7	765.6	742.5	759.9	777.5	837.8	896.2
853.2	57.5°	832.7	812.2	788.8	765.4	740.5	715.7	741.1	766.6	840.0	891.5
829.4	60°	808.5	787.8	760.8	733.9	712.2	690.4	723.4	756.5	832.9	866.9
796.9	62.5°	774.7	752.5	721.1	689.7	675.9	662.0	703.3	744.6	815.6	819.7
752.2	65°	730.9	709.7	676.0	642.4	637.1	631.8	675.8	719.7	773.7	773.2
701.0	67.5°	680.9	660.8	629.7	598.6	600.3	602.0	638.5	675.1	705.5	706.9
644.3	70°	627.0	609.6	582.3	555.0	560.8	566.6	592.6	618.6	628.6	628.6
577.4	72.5°	561.7	546.0	524.5	503.0	511.5	520.0	537.8	555.6	555.5	549.2
500.8	75°	486.6	472.3	456.4	440.4	448.6	456.7	470.5	484.2	486.6	457.5
424.5	77.5°	412.3	400.1	387.1	374.1	382.4	390.6	401.6	412.6	413.9	365.9
340.8	80°	330.5	320.2	309.5	298.7	305.6	312.5	321.8	331.0	331.2	273.9
215.6	82.5°	219.2	222.8	223.7	224.6	229.5	234.4	238.9	243.4	240.7	191.8
110.4	85°	120.4	130.3	135.0	139.7	145.2	150.6	155.5	160.3	156.7	120.4
49.2	87.5°	56.9	64.5	64.7	64.9	65.9	66.9	68.9	70.8	66.3	51.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
1677.5	0°	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5	1677.5
1703.1	2.5°	1717.2	1732.1	1746.9	1761.5	1776.3	1790.1	1804.0
1727.7	5°	1756.3	1787.0	1817.7	1848.1	1878.6	1909.2	1939.8
1751.4	7.5°	1791.4	1836.8	1882.2	1928.8	1975.4	2025.8	2076.2
1772.6	10°	1819.9	1875.0	1930.1	1991.7	2053.3	2117.0	2180.8
1781.7	12.5°	1835.2	1900.2	1965.2	2035.0	2104.8	2174.8	2244.9
1774.7	15°	1836.6	1911.5	1986.3	2062.0	2137.7	2210.8	2283.8
1744.1	17.5°	1818.6	1905.5	1992.4	2074.9	2157.5	2231.6	2305.7
1691.4	20°	1783.7	1889.0	1994.3	2085.1	2175.8	2252.9	2329.9
1629.5	22.5°	1740.7	1868.8	1996.9	2098.7	2200.5	2279.2	2357.9
1560.4	25°	1690.7	1848.8	2007.0	2123.4	2239.7	2316.8	2393.9
1497.3	27.5°	1642.7	1835.5	2028.3	2162.0	2295.7	2369.3	2442.8
1444.5	30°	1601.0	1829.3	2057.4	2212.1	2366.7	2437.7	2508.8
1399.0	32.5°	1560.4	1821.5	2082.5	2264.3	2446.0	2516.3	2586.7
1354.3	35°	1513.2	1807.0	2100.9	2323.7	2546.6	2614.0	2681.3
1301.6	37.5°	1452.3	1782.1	2111.8	2390.4	2668.9	2754.8	2840.6
1238.8	40°	1376.9	1747.8	2118.7	2474.9	2831.1	2956.2	3081.4
1169.5	42.5°	1293.1	1712.4	2131.8	2585.6	3039.4	3220.0	3400.6
1095.8	45°	1204.2	1679.5	2154.8	2731.2	3307.6	3551.3	3794.9
1037.6	47.5°	1134.1	1652.3	2170.5	2886.3	3602.1	3945.1	4288.0
998.9	50°	1085.1	1622.7	2160.2	3030.3	3900.3	4417.3	4934.2
973.4	52.5°	1048.6	1572.7	2096.8	3123.7	4150.5	4913.3	5676.1
954.9	55°	1013.7	1489.8	1965.8	3103.1	4240.3	5353.1	6465.9
933.0	57.5°	974.6	1372.9	1771.1	2958.2	4145.3	5664.8	7184.3
899.6	60°	932.2	1221.1	1510.0	2688.4	3866.8	5742.7	7618.4
841.4	62.5°	863.1	1039.4	1215.8	2323.6	3431.4	5414.7	7398.0
783.4	65°	793.7	876.0	958.3	1951.4	2944.6	4950.7	6956.7
701.2	67.5°	695.5	718.9	742.3	1586.8	2431.4	4398.4	6365.5
602.1	70°	575.6	569.0	562.3	1249.4	1936.6	3795.9	5655.2
511.7	72.5°	474.1	453.9	433.7	955.2	1476.6	3142.6	4808.7
415.4	75°	373.3	355.1	336.8	693.3	1049.7	2393.8	3737.9
325.1	77.5°	284.2	271.7	259.3	469.8	680.3	1675.5	2670.7
239.3	80°	204.7	199.5	194.4	302.7	411.0	1079.5	1748.0
166.3	82.5°	140.8	139.8	138.9	186.2	233.5	624.8	1016.1
101.7	85°	83.0	83.6	84.0	99.5	115.1	281.0	447.0
43.5	87.5°	35.9	36.4	36.8	41.3	45.7	92.0	138.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)