

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: P947173

Luminaire Tested: **GALN-SB2C-835-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947173
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-835-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13842 lumens
Efficiency: N/A
Efficacy: 137.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

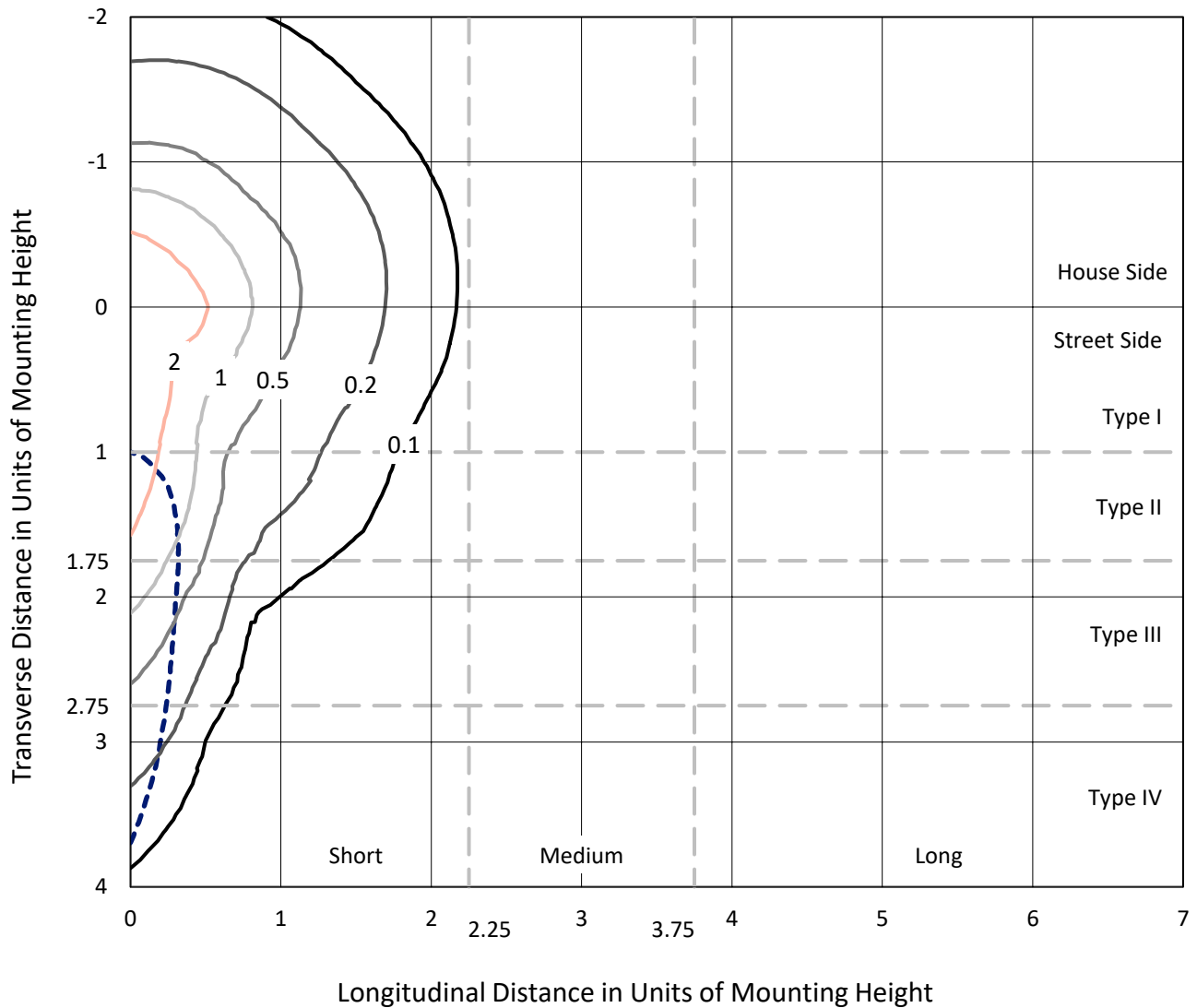
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

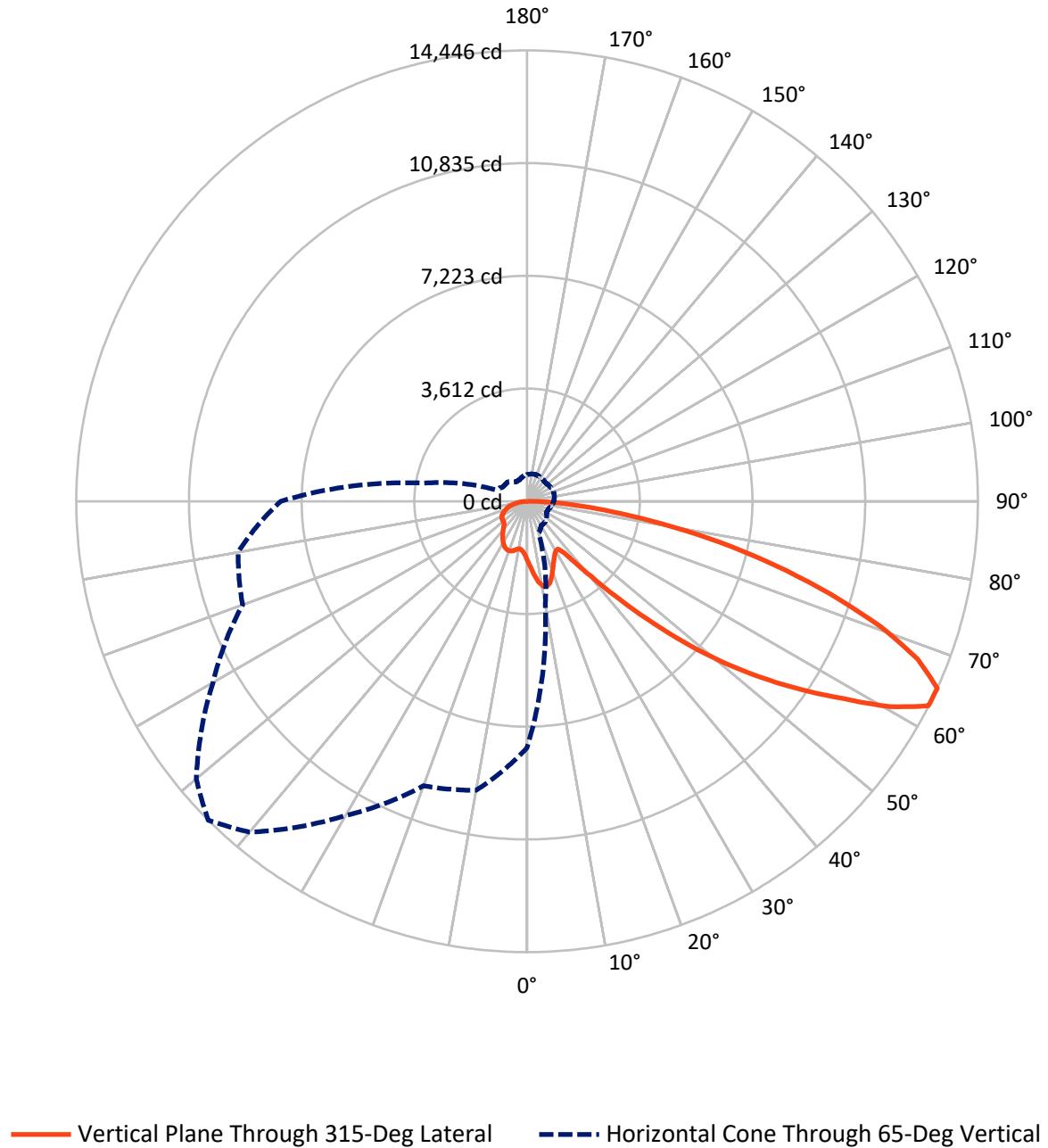
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P947173
CATALOG NUMBER: GALN-SB2C-835-U-SLR

Luminous Intensity Polar Plot



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 CATALOG NUMBER: GALN-SB2C-835-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3517.9	0.0	3517.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	10324.1	0.0	10324.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	13842.0	0.0	13842.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	1.4
10°-20°	592.7	4.3
20°-30°	915.6	6.6
30°-40°	1160.2	8.4
40°-50°	1749.9	12.6
50°-60°	2827.3	20.4
60°-70°	3524.7	25.5
70°-80°	2311.3	16.7
80°-90°	571.4	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13842.0	100.0
0°-180°	13842.0	100.0



REPORT NUMBER: P947173

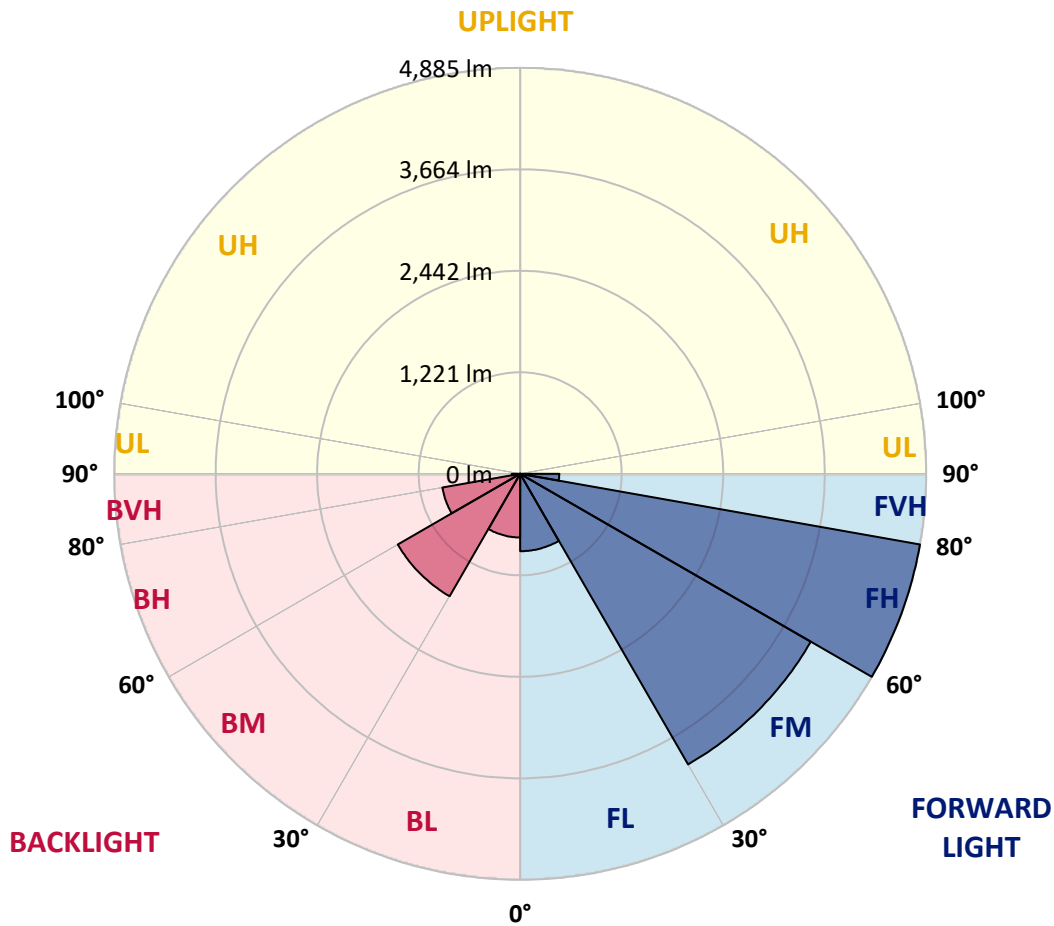
CATALOG NUMBER: GALN-SB2C-835-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	931.0	6.7			
FM (30°-60°)	4037.4	29.2			
FH (60°-80°)	4884.9	35.3			G2/5000
FVH (80°-90°)	470.7	3.4			G3/500
BL (0°-30°)	766.1	5.5	B2/1000		
BM (30°-60°)	1700.1	12.3	B2/2500		
BH (60°-80°)	951.1	6.9	B2/1000		G2/1000
BVH (80°-90°)	100.7	0.7			G2/225
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
2.5°	2046.9	2031.2	2015.5	1998.8	1982.1	1965.3	1948.5	1932.5	1916.4	1900.8
5°	2201.0	2166.3	2131.6	2097.0	2062.5	2027.6	1992.9	1960.4	1927.9	1897.2
7.5°	2355.9	2298.6	2241.4	2188.5	2135.7	2084.2	2032.7	1987.3	1942.0	1900.1
10°	2474.6	2402.2	2329.8	2259.9	2190.1	2127.6	2065.0	2011.3	1957.6	1906.0
12.5°	2547.2	2467.7	2388.2	2309.1	2229.9	2156.1	2082.3	2021.6	1960.9	1906.7
15°	2591.4	2508.5	2425.6	2339.7	2253.8	2168.9	2083.9	2013.7	1943.4	1883.3
17.5°	2616.3	2532.2	2448.1	2354.4	2260.7	2162.1	2063.5	1979.0	1894.5	1823.8
20°	2643.6	2556.3	2468.9	2365.9	2262.9	2143.4	2023.9	1919.2	1814.4	1732.1
22.5°	2675.4	2586.2	2496.8	2381.4	2265.8	2120.5	1975.1	1849.0	1722.8	1629.1
25°	2716.3	2628.8	2541.4	2409.4	2277.4	2097.8	1918.4	1770.6	1622.9	1526.9
27.5°	2771.8	2688.4	2604.9	2453.2	2301.5	2082.7	1864.0	1699.0	1534.0	1446.5
30°	2846.7	2766.1	2685.5	2510.0	2334.5	2075.6	1816.6	1639.1	1461.5	1388.1
32.5°	2935.1	2855.2	2775.5	2569.2	2363.0	2066.9	1770.6	1587.4	1404.2	1345.0
35°	3042.4	2966.0	2889.6	2636.7	2383.8	2050.3	1717.0	1536.7	1356.3	1307.0
37.5°	3223.2	3125.8	3028.3	2712.3	2396.3	2022.1	1647.9	1476.9	1305.9	1262.8
40°	3496.4	3354.4	3212.4	2808.3	2404.1	1983.2	1562.3	1405.6	1249.0	1209.9
42.5°	3858.6	3653.7	3448.8	2933.8	2418.9	1943.0	1467.2	1327.0	1186.7	1150.7
45°	4306.0	4029.6	3753.1	3099.0	2445.0	1905.7	1366.4	1243.4	1120.4	1083.9
47.5°	4865.5	4476.4	4087.3	3275.1	2462.9	1874.8	1286.8	1177.3	1067.8	1020.7
50°	5598.8	5012.2	4425.6	3438.4	2451.2	1841.2	1231.3	1133.4	1035.5	973.6
52.5°	6440.6	5575.1	4709.5	3544.4	2379.2	1784.5	1189.8	1104.5	1019.3	948.0
55°	7336.8	6074.1	4811.4	3521.1	2230.6	1690.4	1150.2	1083.5	1016.8	950.6
57.5°	8151.9	6427.7	4703.6	3356.6	2009.7	1557.8	1105.8	1058.7	1011.6	953.2
60°	8644.5	6516.1	4387.6	3050.5	1713.3	1385.5	1057.7	1020.7	983.7	945.1
62.5°	8394.4	6144.0	3893.6	2636.6	1379.6	1179.4	979.3	954.7	930.2	925.4
65°	7893.7	5617.4	3341.2	2214.2	1087.4	994.0	900.6	889.0	877.3	877.9
67.5°	7222.8	4990.8	2758.8	1800.6	842.3	815.8	789.2	795.7	802.1	800.5
70°	6416.8	4307.1	2197.4	1417.7	638.0	645.6	653.1	683.2	713.2	713.2
72.5°	5456.4	3565.9	1675.5	1083.8	492.1	515.0	537.9	580.6	623.2	630.3
75°	4241.4	2716.2	1191.1	786.6	382.1	402.9	423.6	471.4	519.2	552.2
77.5°	3030.4	1901.1	771.9	533.0	294.2	308.3	322.5	368.8	415.2	469.6
80°	1983.4	1224.9	466.4	343.4	220.6	226.4	232.3	271.6	310.8	375.8
82.5°	1152.9	708.9	265.0	211.2	157.6	158.6	159.8	188.7	217.7	273.2
85°	507.3	318.9	130.6	112.9	95.3	94.8	94.2	115.4	136.6	177.8
87.5°	157.0	104.4	51.9	46.8	41.8	41.3	40.8	49.4	58.1	75.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
1883.5	2.5°	1869.5	1855.6	1842.9	1830.4	1819.3	1808.3	1797.2	1786.2	1777.6	1769.0
1866.9	5°	1840.4	1813.9	1791.7	1769.6	1750.0	1730.4	1712.7	1694.9	1681.2	1667.5
1860.9	7.5°	1825.7	1790.5	1761.3	1732.1	1707.5	1682.8	1661.1	1639.4	1623.1	1606.9
1863.8	10°	1826.7	1789.6	1760.4	1731.2	1704.7	1678.1	1653.6	1629.1	1609.7	1590.2
1867.5	12.5°	1837.1	1806.8	1787.4	1768.1	1747.2	1726.5	1701.1	1675.9	1651.0	1626.2
1851.9	15°	1837.4	1822.9	1825.5	1828.2	1822.8	1817.4	1795.4	1773.4	1738.0	1702.7
1804.4	17.5°	1809.8	1815.0	1846.9	1878.7	1895.7	1912.5	1894.8	1877.1	1830.3	1783.5
1727.0	20°	1751.8	1776.7	1832.0	1887.3	1922.7	1958.2	1950.0	1941.7	1888.2	1834.7
1639.1	22.5°	1675.9	1712.6	1775.7	1839.0	1885.1	1931.1	1936.1	1941.0	1889.9	1838.8
1553.9	25°	1596.3	1638.6	1695.4	1752.2	1797.6	1842.9	1859.9	1876.7	1834.8	1793.0
1479.4	27.5°	1520.3	1561.2	1607.9	1654.5	1690.9	1727.2	1746.1	1765.0	1735.1	1705.3
1413.9	30°	1446.3	1478.9	1517.6	1556.3	1586.5	1616.7	1632.1	1647.4	1624.7	1601.9
1356.5	32.5°	1375.7	1394.9	1425.8	1456.8	1485.7	1514.7	1531.7	1548.8	1527.9	1506.9
1302.3	35°	1307.5	1312.9	1336.5	1360.0	1388.6	1417.3	1437.8	1458.2	1443.3	1428.5
1245.5	37.5°	1239.6	1233.8	1250.7	1267.6	1296.1	1324.8	1350.1	1375.3	1368.5	1361.6
1183.2	40°	1170.0	1156.8	1169.0	1181.2	1208.8	1236.4	1265.5	1294.6	1296.3	1297.9
1117.1	42.5°	1099.6	1082.1	1092.0	1102.0	1128.2	1154.4	1185.8	1217.2	1225.6	1234.0
1051.4	45°	1034.3	1017.3	1025.6	1034.1	1058.9	1083.8	1116.3	1148.9	1161.0	1173.0
992.7	47.5°	978.4	964.1	972.0	979.8	1004.1	1028.4	1060.5	1092.7	1106.5	1120.4
941.1	50°	928.4	915.8	928.0	940.4	963.3	986.2	1014.9	1043.7	1061.5	1079.4
902.6	52.5°	890.1	877.6	896.0	914.4	935.5	956.4	983.2	1010.1	1031.2	1052.3
882.2	55°	862.3	842.5	868.7	894.9	917.5	940.2	963.7	987.1	1009.5	1031.9
869.9	57.5°	841.0	812.0	840.2	868.4	895.0	921.6	944.8	968.1	990.7	1013.2
858.4	60°	820.9	783.3	808.1	832.8	863.3	893.9	917.4	941.1	963.7	986.4
844.9	62.5°	798.0	751.2	766.9	782.6	818.2	853.8	879.0	904.2	925.0	945.7
816.6	65°	766.8	716.9	722.9	728.9	767.1	805.3	829.4	853.5	871.7	890.0
766.0	67.5°	724.5	683.1	681.2	679.3	714.5	749.7	772.6	795.4	811.2	826.9
701.9	70°	672.4	642.9	636.3	629.7	660.7	691.7	711.4	731.1	745.4	759.6
630.5	72.5°	610.2	590.0	580.4	570.8	595.2	619.5	637.3	655.2	669.1	683.1
549.4	75°	533.8	518.2	509.0	499.7	517.8	536.0	552.1	568.2	581.0	593.7
468.2	77.5°	455.7	443.2	433.9	424.5	439.3	453.9	467.8	481.7	495.1	508.4
375.6	80°	365.1	354.6	346.8	338.9	351.2	363.4	375.1	386.7	396.9	407.0
276.2	82.5°	271.1	266.0	260.5	254.9	253.9	252.9	248.8	244.7	266.3	287.9
181.9	85°	176.4	170.9	164.7	158.5	153.2	147.9	136.6	125.3	145.5	165.8
80.3	87.5°	78.2	76.0	74.8	73.6	73.4	73.2	64.6	55.9	64.3	72.9
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
1762.1	2.5°	1755.1	1749.7	1744.3	1739.3	1734.3	1728.1	1734.3	1739.3	1744.3	1749.7
1657.9	5°	1648.3	1641.5	1634.8	1629.6	1624.4	1619.3	1624.4	1629.6	1634.8	1641.5
1595.5	7.5°	1584.1	1576.3	1568.5	1563.8	1559.2	1555.7	1559.2	1563.8	1568.5	1576.3
1577.5	10°	1564.6	1557.3	1549.9	1545.9	1542.0	1540.4	1542.0	1545.9	1549.9	1557.3
1609.8	12.5°	1593.3	1585.1	1576.9	1573.6	1570.2	1569.6	1570.2	1573.6	1576.9	1585.1
1677.7	15°	1652.7	1641.3	1629.9	1625.5	1621.1	1620.7	1621.1	1625.5	1629.9	1641.3
1746.7	17.5°	1709.8	1692.9	1675.9	1670.3	1664.7	1663.8	1664.7	1670.3	1675.9	1692.9
1789.6	20°	1744.5	1722.8	1701.1	1694.1	1687.2	1685.0	1687.2	1694.1	1701.1	1722.8
1792.3	22.5°	1745.8	1722.9	1700.0	1692.3	1684.6	1681.4	1684.6	1692.3	1700.0	1722.9
1751.6	25°	1710.4	1690.6	1670.8	1663.5	1656.4	1652.1	1656.4	1663.5	1670.8	1690.6
1673.2	27.5°	1641.2	1627.9	1614.5	1611.2	1608.0	1606.9	1608.0	1611.2	1614.5	1627.9
1579.0	30°	1555.9	1549.1	1542.2	1542.2	1542.2	1543.3	1542.2	1542.2	1542.2	1549.1
1488.6	32.5°	1470.3	1465.8	1461.4	1461.9	1462.6	1463.7	1462.6	1461.9	1461.4	1465.8
1411.6	35°	1394.7	1387.9	1381.2	1379.7	1378.2	1377.5	1378.2	1379.7	1381.2	1387.9
1346.0	37.5°	1330.4	1318.1	1305.8	1299.3	1292.8	1289.1	1292.8	1299.3	1305.8	1318.1
1284.7	40°	1271.5	1253.5	1235.7	1223.5	1211.6	1204.4	1211.6	1223.5	1235.7	1253.5
1222.8	42.5°	1211.7	1189.4	1167.2	1149.6	1132.0	1120.4	1132.0	1149.6	1167.2	1189.4
1162.9	45°	1152.9	1127.4	1102.0	1081.3	1060.7	1047.4	1060.7	1081.3	1102.0	1127.4
1113.4	47.5°	1106.4	1083.8	1061.1	1042.0	1022.9	1010.1	1022.9	1042.0	1061.1	1083.8
1078.9	50°	1078.6	1060.5	1042.4	1024.7	1007.1	994.8	1007.1	1024.7	1042.4	1060.5
1056.1	52.5°	1059.9	1045.2	1030.4	1014.6	998.8	987.5	998.8	1014.6	1030.4	1045.2
1037.2	55°	1042.4	1029.6	1016.7	1002.8	988.9	978.7	988.9	1002.8	1016.7	1029.6
1018.5	57.5°	1023.9	1010.9	997.9	984.1	970.3	959.7	970.3	984.1	997.9	1010.9
992.2	60°	998.1	985.4	972.7	958.6	944.4	933.4	944.4	958.6	972.7	985.4
951.3	62.5°	957.0	945.5	934.0	919.1	904.2	891.1	904.2	919.1	934.0	945.5
895.7	65°	901.4	890.4	879.4	864.9	850.5	839.2	850.5	864.9	879.4	890.4
832.6	67.5°	838.1	828.0	817.9	804.5	791.0	780.8	791.0	804.5	817.9	828.0
765.0	70°	770.4	762.2	753.9	741.1	728.2	716.5	728.2	741.1	753.9	762.2
689.5	72.5°	695.9	689.0	682.2	669.9	657.7	646.4	657.7	669.9	682.2	689.0
600.4	75°	607.1	603.7	600.4	590.1	579.8	569.0	579.8	590.1	600.4	603.7
514.6	77.5°	520.9	516.2	511.4	501.0	490.7	482.1	490.7	501.0	511.4	516.2
415.3	80°	423.6	421.6	419.6	405.7	391.6	375.4	391.6	405.7	419.6	421.6
302.1	82.5°	316.3	315.4	314.4	302.7	290.8	280.5	290.8	302.7	314.4	315.4
183.3	85°	200.9	199.4	197.9	188.7	179.5	170.2	179.5	188.7	197.9	199.4
80.0	87.5°	87.1	85.3	83.4	78.7	73.9	69.4	73.9	78.7	83.4	85.3
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
1755.1	2.5°	1762.1	1769.0	1777.6	1786.2	1797.2	1808.3	1819.3	1830.4	1842.9	1855.6
1648.3	5°	1657.9	1667.5	1681.2	1694.9	1712.7	1730.4	1750.0	1769.6	1791.7	1813.9
1584.1	7.5°	1595.5	1606.9	1623.1	1639.4	1661.1	1682.8	1707.5	1732.1	1761.3	1790.5
1564.6	10°	1577.5	1590.2	1609.7	1629.1	1653.6	1678.1	1704.7	1731.2	1760.4	1789.6
1593.3	12.5°	1609.8	1626.2	1651.0	1675.9	1701.1	1726.5	1747.2	1768.1	1787.4	1806.8
1652.7	15°	1677.7	1702.7	1738.0	1773.4	1795.4	1817.4	1822.8	1828.2	1825.5	1822.9
1709.8	17.5°	1746.7	1783.5	1830.3	1877.1	1894.8	1912.5	1895.7	1878.7	1846.9	1815.0
1744.5	20°	1789.6	1834.7	1888.2	1941.7	1950.0	1958.2	1922.7	1887.3	1832.0	1776.7
1745.8	22.5°	1792.3	1838.8	1889.9	1941.0	1936.1	1931.1	1885.1	1839.0	1775.7	1712.6
1710.4	25°	1751.6	1793.0	1834.8	1876.7	1859.9	1842.9	1797.6	1752.2	1695.4	1638.6
1641.2	27.5°	1673.2	1705.3	1735.1	1765.0	1746.1	1727.2	1690.9	1654.5	1607.9	1561.2
1555.9	30°	1579.0	1601.9	1624.7	1647.4	1632.1	1616.7	1586.5	1556.3	1517.6	1478.9
1470.3	32.5°	1488.6	1506.9	1527.9	1548.8	1531.7	1514.7	1485.7	1456.8	1425.8	1394.9
1394.7	35°	1411.6	1428.5	1443.3	1458.2	1437.8	1417.3	1388.6	1360.0	1336.5	1312.9
1330.4	37.5°	1346.0	1361.6	1368.5	1375.3	1350.1	1324.8	1296.1	1267.6	1250.7	1233.8
1271.5	40°	1284.7	1297.9	1296.3	1294.6	1265.5	1236.4	1208.8	1181.2	1169.0	1156.8
1211.7	42.5°	1222.8	1234.0	1225.6	1217.2	1185.8	1154.4	1128.2	1102.0	1092.0	1082.1
1152.9	45°	1162.9	1173.0	1161.0	1148.9	1116.3	1083.8	1058.9	1034.1	1025.6	1017.3
1106.4	47.5°	1113.4	1120.4	1106.5	1092.7	1060.5	1028.4	1004.1	979.8	972.0	964.1
1078.6	50°	1078.9	1079.4	1061.5	1043.7	1014.9	986.2	963.3	940.4	928.0	915.8
1059.9	52.5°	1056.1	1052.3	1031.2	1010.1	983.2	956.4	935.5	914.4	896.0	877.6
1042.4	55°	1037.2	1031.9	1009.5	987.1	963.7	940.2	917.5	894.9	868.7	842.5
1023.9	57.5°	1018.5	1013.2	990.7	968.1	944.8	921.6	895.0	868.4	840.2	812.0
998.1	60°	992.2	986.4	963.7	941.1	917.4	893.9	863.3	832.8	808.1	783.3
957.0	62.5°	951.3	945.7	925.0	904.2	879.0	853.8	818.2	782.6	766.9	751.2
901.4	65°	895.7	890.0	871.7	853.5	829.4	805.3	767.1	728.9	722.9	716.9
838.1	67.5°	832.6	826.9	811.2	795.4	772.6	749.7	714.5	679.3	681.2	683.1
770.4	70°	765.0	759.6	745.4	731.1	711.4	691.7	660.7	629.7	636.3	642.9
695.9	72.5°	689.5	683.1	669.1	655.2	637.3	619.5	595.2	570.8	580.4	590.0
607.1	75°	600.4	593.7	581.0	568.2	552.1	536.0	517.8	499.7	509.0	518.2
520.9	77.5°	514.6	508.4	495.1	481.7	467.8	453.9	439.3	424.5	433.9	443.2
423.6	80°	415.3	407.0	396.9	386.7	375.1	363.4	351.2	338.9	346.8	354.6
316.3	82.5°	302.1	287.9	266.3	244.7	248.8	252.9	253.9	254.9	260.5	266.0
200.9	85°	183.3	165.8	145.5	125.3	136.6	147.9	153.2	158.5	164.7	170.9
87.1	87.5°	80.0	72.9	64.3	55.9	64.6	73.2	73.4	73.6	74.8	76.0
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
1869.5	2.5°	1883.5	1900.8	1916.4	1932.5	1948.5	1965.3	1982.1	1998.8	2015.5	2031.2
1840.4	5°	1866.9	1897.2	1927.9	1960.4	1992.9	2027.6	2062.5	2097.0	2131.6	2166.3
1825.7	7.5°	1860.9	1900.1	1942.0	1987.3	2032.7	2084.2	2135.7	2188.5	2241.4	2298.6
1826.7	10°	1863.8	1906.0	1957.6	2011.3	2065.0	2127.6	2190.1	2259.9	2329.8	2402.2
1837.1	12.5°	1867.5	1906.7	1960.9	2021.6	2082.3	2156.1	2229.9	2309.1	2388.2	2467.7
1837.4	15°	1851.9	1883.3	1943.4	2013.7	2083.9	2168.9	2253.8	2339.7	2425.6	2508.5
1809.8	17.5°	1804.4	1823.8	1894.5	1979.0	2063.5	2162.1	2260.7	2354.4	2448.1	2532.2
1751.8	20°	1727.0	1732.1	1814.4	1919.2	2023.9	2143.4	2262.9	2365.9	2468.9	2556.3
1675.9	22.5°	1639.1	1629.1	1722.8	1849.0	1975.1	2120.5	2265.8	2381.4	2496.8	2586.2
1596.3	25°	1553.9	1526.9	1622.9	1770.6	1918.4	2097.8	2277.4	2409.4	2541.4	2628.8
1520.3	27.5°	1479.4	1446.5	1534.0	1699.0	1864.0	2082.7	2301.5	2453.2	2604.9	2688.4
1446.3	30°	1413.9	1388.1	1461.5	1639.1	1816.6	2075.6	2334.5	2510.0	2685.5	2766.1
1375.7	32.5°	1356.5	1345.0	1404.2	1587.4	1770.6	2066.9	2363.0	2569.2	2775.5	2855.2
1307.5	35°	1302.3	1307.0	1356.3	1536.7	1717.0	2050.3	2383.8	2636.7	2889.6	2966.0
1239.6	37.5°	1245.5	1262.8	1305.9	1476.9	1647.9	2022.1	2396.3	2712.3	3028.3	3125.8
1170.0	40°	1183.2	1209.9	1249.0	1405.6	1562.3	1983.2	2404.1	2808.3	3212.4	3354.4
1099.6	42.5°	1117.1	1150.7	1186.7	1327.0	1467.2	1943.0	2418.9	2933.8	3448.8	3653.7
1034.3	45°	1051.4	1083.9	1120.4	1243.4	1366.4	1905.7	2445.0	3099.0	3753.1	4029.6
978.4	47.5°	992.7	1020.7	1067.8	1177.3	1286.8	1874.8	2462.9	3275.1	4087.3	4476.4
928.4	50°	941.1	973.6	1035.5	1133.4	1231.3	1841.2	2451.2	3438.4	4425.6	5012.2
890.1	52.5°	902.6	948.0	1019.3	1104.5	1189.8	1784.5	2379.2	3544.4	4709.5	5575.1
862.3	55°	882.2	950.6	1016.8	1083.5	1150.2	1690.4	2230.6	3521.1	4811.4	6074.1
841.0	57.5°	869.9	953.2	1011.6	1058.7	1105.8	1557.8	2009.7	3356.6	4703.6	6427.7
820.9	60°	858.4	945.1	983.7	1020.7	1057.7	1385.5	1713.3	3050.5	4387.6	6516.1
798.0	62.5°	844.9	925.4	930.2	954.7	979.3	1179.4	1379.6	2636.6	3893.6	6144.0
766.8	65°	816.6	877.9	877.3	889.0	900.6	994.0	1087.4	2214.2	3341.2	5617.4
724.5	67.5°	766.0	800.5	802.1	795.7	789.2	815.8	842.3	1800.6	2758.8	4990.8
672.4	70°	701.9	713.2	713.2	683.2	653.1	645.6	638.0	1417.7	2197.4	4307.1
610.2	72.5°	630.5	630.3	623.2	580.6	537.9	515.0	492.1	1083.8	1675.5	3565.9
533.8	75°	549.4	552.2	519.2	471.4	423.6	402.9	382.1	786.6	1191.1	2716.2
455.7	77.5°	468.2	469.6	415.2	368.8	322.5	308.3	294.2	533.0	771.9	1901.1
365.1	80°	375.6	375.8	310.8	271.6	232.3	226.4	220.6	343.4	466.4	1224.9
271.1	82.5°	276.2	273.2	217.7	188.7	159.8	158.6	157.6	211.2	265.0	708.9
176.4	85°	181.9	177.8	136.6	115.4	94.2	94.8	95.3	112.9	130.6	318.9
78.2	87.5°	80.3	75.2	58.1	49.4	40.8	41.3	41.8	46.8	51.9	104.4
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
2046.9	2.5°	2054.7	2062.5	2073.5	2084.5	2091.1	2097.7	2101.0	2104.3	2102.8	2104.3
2201.0	5°	2228.1	2255.3	2282.2	2309.1	2323.7	2338.3	2347.2	2356.1	2362.8	2356.1
2355.9	7.5°	2400.0	2444.0	2483.7	2523.3	2547.2	2571.1	2584.0	2596.9	2603.1	2596.9
2474.6	10°	2526.7	2578.9	2625.4	2671.9	2700.1	2728.1	2740.7	2753.2	2757.9	2753.2
2547.2	12.5°	2603.8	2660.2	2702.3	2744.2	2764.7	2785.1	2792.0	2798.9	2799.6	2798.9
2591.4	15°	2640.2	2688.9	2715.3	2741.7	2742.5	2743.2	2735.9	2728.6	2720.0	2728.6
2616.3	17.5°	2649.2	2682.1	2682.6	2683.1	2653.5	2623.9	2596.8	2569.7	2550.5	2569.7
2643.6	20°	2655.1	2666.7	2632.0	2597.3	2532.0	2466.7	2419.1	2371.6	2342.4	2371.6
2675.4	22.5°	2660.4	2645.3	2573.5	2501.6	2405.5	2309.5	2250.0	2190.6	2158.3	2190.6
2716.3	25°	2668.8	2621.4	2512.2	2403.1	2286.5	2169.8	2107.3	2044.9	2014.4	2044.9
2771.8	27.5°	2687.0	2602.0	2457.5	2313.0	2183.7	2054.4	1992.9	1931.5	1902.7	1931.5
2846.7	30°	2720.1	2593.6	2415.7	2237.8	2103.1	1968.4	1911.4	1854.3	1827.4	1854.3
2935.1	32.5°	2761.7	2588.5	2387.2	2185.9	2059.3	1932.8	1888.0	1843.1	1823.8	1843.1
3042.4	35°	2830.3	2618.3	2408.5	2198.8	2110.9	2023.0	2012.6	2002.1	2000.5	2002.1
3223.2	37.5°	2973.7	2724.2	2533.6	2342.9	2337.2	2331.5	2379.3	2427.1	2451.9	2427.1
3496.4	40°	3225.0	2953.7	2811.9	2670.2	2770.2	2870.3	2986.4	3102.5	3160.4	3102.5
3858.6	42.5°	3589.4	3320.2	3238.5	3156.9	3375.1	3593.4	3804.6	4015.8	4139.8	4015.8
4306.0	45°	4064.2	3822.3	3786.3	3750.2	4099.8	4449.5	4796.6	5143.8	5354.5	5143.8
4865.5	47.5°	4630.2	4394.9	4387.6	4380.3	4884.7	5389.0	5897.1	6405.1	6703.5	6405.1
5598.8	50°	5308.2	5017.6	5018.9	5020.1	5670.2	6320.2	6990.9	7661.6	8067.1	7661.6
6440.6	52.5°	6088.7	5736.8	5701.3	5665.6	6442.1	7218.6	8048.5	8878.2	9364.3	8878.2
7336.8	55°	6989.1	6641.4	6502.7	6364.0	7228.2	8092.3	9081.7	10071.0	10649.1	10071.0
8151.9	57.5°	7962.6	7773.2	7495.0	7216.8	8089.4	8962.0	10082.6	11203.1	11920.0	11203.1
8644.5	60°	8938.6	9232.7	8887.2	8541.8	9367.5	10193.3	11393.0	12592.8	13367.6	12592.8
8394.4	62.5°	9197.9	10001.4	9962.4	9923.4	10679.9	11436.4	12577.9	13719.3	14435.4	13719.3
7893.7	65°	8647.8	9401.9	9551.2	9700.3	10661.6	11623.0	12729.9	13836.6	14446.4	13836.6
7222.8	67.5°	7940.1	8657.3	8727.3	8797.2	9798.8	10800.4	11912.0	13023.6	13501.2	13023.6
6416.8	70°	7197.0	7977.2	8008.4	8039.8	8935.5	9831.2	10787.8	11744.3	12009.8	11744.3
5456.4	72.5°	6351.6	7246.9	7269.4	7291.8	7992.6	8693.5	9409.9	10126.3	10153.1	10126.3
4241.4	75°	5167.9	6094.5	6177.7	6260.9	6806.1	7351.4	7855.7	8360.0	8224.9	8360.0
3030.4	77.5°	3895.3	4760.3	4879.4	4998.4	5412.9	5827.4	6185.1	6542.8	6310.6	6542.8
1983.4	80°	2711.1	3438.7	3586.6	3734.6	4047.7	4360.6	4548.4	4736.2	4362.6	4736.2
1152.9	82.5°	1650.4	2147.9	2313.2	2478.6	2694.0	2909.5	2987.9	3066.2	2772.6	3066.2
507.3	85°	771.3	1035.3	1175.9	1316.5	1493.6	1670.5	1715.0	1759.5	1524.3	1759.5
157.0	87.5°	245.8	334.5	413.0	491.4	579.9	668.5	672.3	676.0	567.5	676.0
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: P947173
 CATALOG NUMBER: GALN-SB2C-835-U-SLR

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1903.4	0°	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4	1903.4
2101.0	2.5°	2097.7	2091.1	2084.5	2073.5	2062.5	2054.7	2046.9
2347.2	5°	2338.3	2323.7	2309.1	2282.2	2255.3	2228.1	2201.0
2584.0	7.5°	2571.1	2547.2	2523.3	2483.7	2444.0	2400.0	2355.9
2740.7	10°	2728.1	2700.1	2671.9	2625.4	2578.9	2526.7	2474.6
2792.0	12.5°	2785.1	2764.7	2744.2	2702.3	2660.2	2603.8	2547.2
2735.9	15°	2743.2	2742.5	2741.7	2715.3	2688.9	2640.2	2591.4
2596.8	17.5°	2623.9	2653.5	2683.1	2682.6	2682.1	2649.2	2616.3
2419.1	20°	2466.7	2532.0	2597.3	2632.0	2666.7	2655.1	2643.6
2250.0	22.5°	2309.5	2405.5	2501.6	2573.5	2645.3	2660.4	2675.4
2107.3	25°	2169.8	2286.5	2403.1	2512.2	2621.4	2668.8	2716.3
1992.9	27.5°	2054.4	2183.7	2313.0	2457.5	2602.0	2687.0	2771.8
1911.4	30°	1968.4	2103.1	2237.8	2415.7	2593.6	2720.1	2846.7
1888.0	32.5°	1932.8	2059.3	2185.9	2387.2	2588.5	2761.7	2935.1
2012.6	35°	2023.0	2110.9	2198.8	2408.5	2618.3	2830.3	3042.4
2379.3	37.5°	2331.5	2337.2	2342.9	2533.6	2724.2	2973.7	3223.2
2986.4	40°	2870.3	2770.2	2670.2	2811.9	2953.7	3225.0	3496.4
3804.6	42.5°	3593.4	3375.1	3156.9	3238.5	3320.2	3589.4	3858.6
4796.6	45°	4449.5	4099.8	3750.2	3786.3	3822.3	4064.2	4306.0
5897.1	47.5°	5389.0	4884.7	4380.3	4387.6	4394.9	4630.2	4865.5
6990.9	50°	6320.2	5670.2	5020.1	5018.9	5017.6	5308.2	5598.8
8048.5	52.5°	7218.6	6442.1	5665.6	5701.3	5736.8	6088.7	6440.6
9081.7	55°	8092.3	7228.2	6364.0	6502.7	6641.4	6989.1	7336.8
10082.6	57.5°	8962.0	8089.4	7216.8	7495.0	7773.2	7962.6	8151.9
11393.0	60°	10193.3	9367.5	8541.8	8887.2	9232.7	8938.6	8644.5
12577.9	62.5°	11436.4	10679.9	9923.4	9962.4	10001.4	9197.9	8394.4
12729.9	65°	11623.0	10661.6	9700.3	9551.2	9401.9	8647.8	7893.7
11912.0	67.5°	10800.4	9798.8	8797.2	8727.3	8657.3	7940.1	7222.8
10787.8	70°	9831.2	8935.5	8039.8	8008.4	7977.2	7197.0	6416.8
9409.9	72.5°	8693.5	7992.6	7291.8	7269.4	7246.9	6351.6	5456.4
7855.7	75°	7351.4	6806.1	6260.9	6177.7	6094.5	5167.9	4241.4
6185.1	77.5°	5827.4	5412.9	4998.4	4879.4	4760.3	3895.3	3030.4
4548.4	80°	4360.6	4047.7	3734.6	3586.6	3438.7	2711.1	1983.4
2987.9	82.5°	2909.5	2694.0	2478.6	2313.2	2147.9	1650.4	1152.9
1715.0	85°	1670.5	1493.6	1316.5	1175.9	1035.3	771.3	507.3
672.3	87.5°	668.5	579.9	491.4	413.0	334.5	245.8	157.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)