

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: P947152

Luminaire Tested: **GALN-SB2C-830-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947152
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-830-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13409 lumens
Efficiency: N/A
Efficacy: 132.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

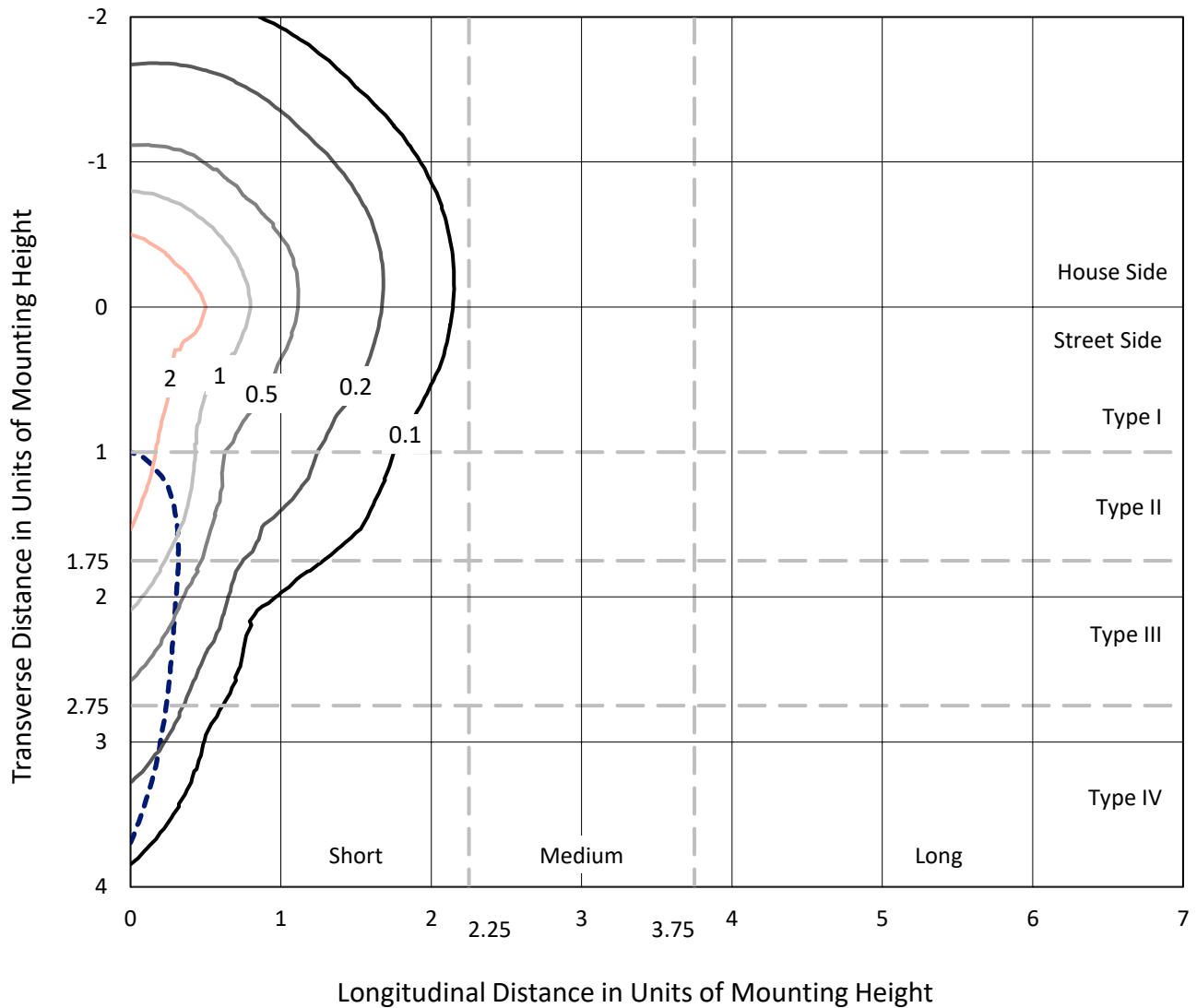
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

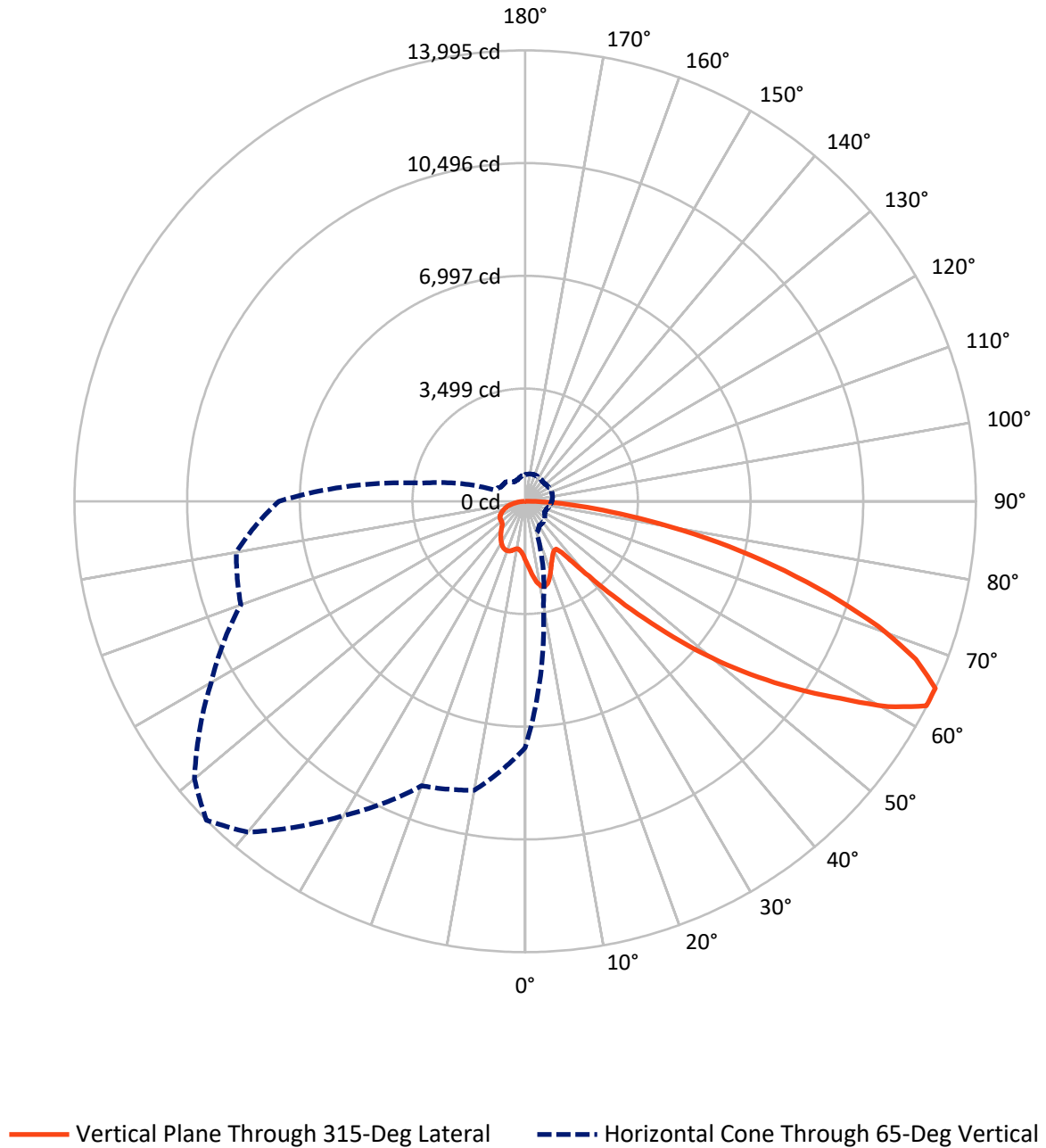
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P947152
CATALOG NUMBER: GALN-SB2C-830-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P947152

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3407.9	0.0	3407.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	10001.1	0.0	10001.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	13409.0	0.0	13409.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.9	1.4
10°-20°	574.2	4.3
20°-30°	886.9	6.6
30°-40°	1124.0	8.4
40°-50°	1695.2	12.6
50°-60°	2738.9	20.4
60°-70°	3414.4	25.5
70°-80°	2239.0	16.7
80°-90°	553.5	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°	13409.0	100.0
0°-180°	13409.0	100.0

Coefficient of Utilization



REPORT NUMBER: P947152

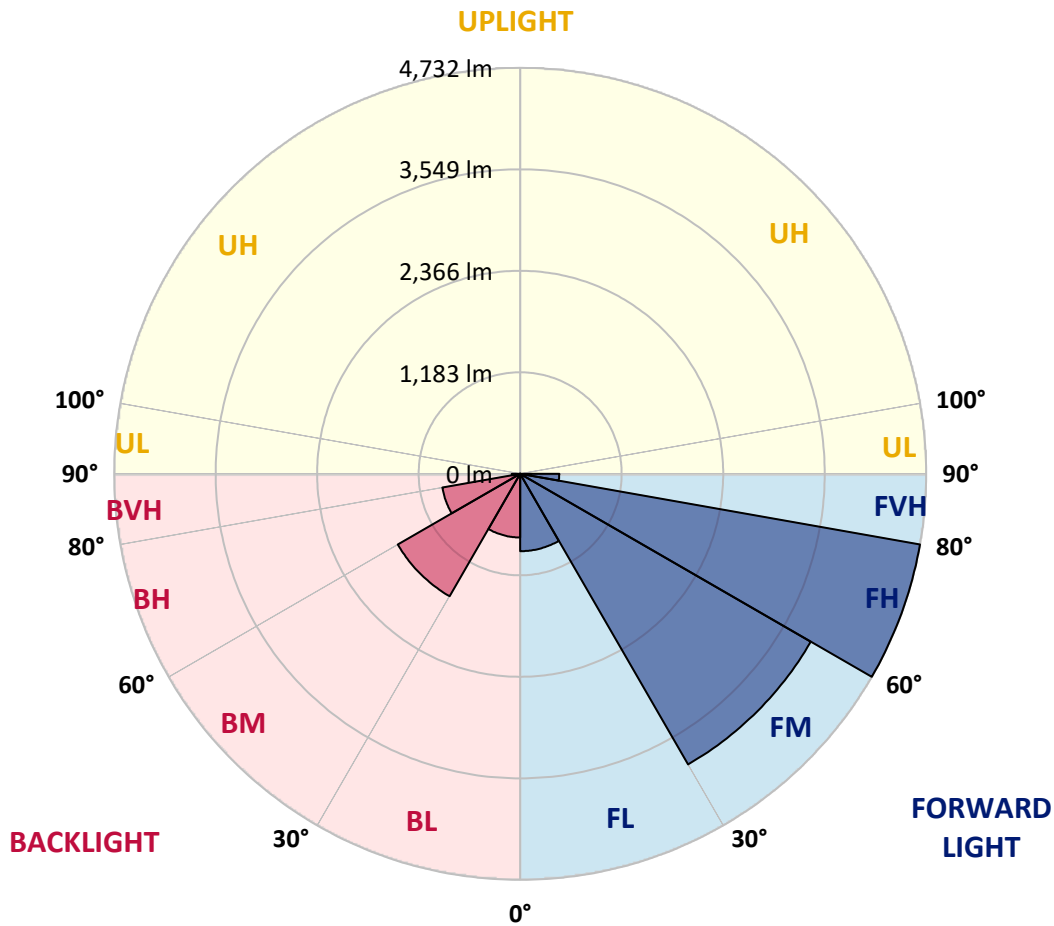
CATALOG NUMBER: GALN-SB2C-830-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	901.9	6.7			
FM (30°-60°)	3911.1	29.2			
FH (60°-80°)	4732.1	35.3			G2/5000
FVH (80°-90°)	456.0	3.4			G3/500
BL (0°-30°)	742.1	5.5	B2/1000		
BM (30°-60°)	1646.9	12.3	B2/2500		
BH (60°-80°)	921.3	6.9	B2/1000		G2/1000
BVH (80°-90°)	97.5	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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
2.5°	1982.9	1967.7	1952.5	1936.3	1920.1	1903.9	1887.6	1872.0	1856.4	1841.4
5°	2132.2	2098.6	2065.0	2031.4	1998.0	1964.2	1930.5	1899.0	1867.6	1837.8
7.5°	2282.2	2226.7	2171.3	2120.1	2068.9	2019.0	1969.1	1925.1	1881.2	1840.7
10°	2397.2	2327.0	2256.9	2189.2	2121.6	2061.0	2000.4	1948.4	1896.4	1846.3
12.5°	2467.6	2390.5	2313.5	2236.8	2160.1	2088.7	2017.2	1958.4	1899.6	1847.0
15°	2510.4	2430.1	2349.7	2266.5	2183.3	2101.0	2018.8	1950.7	1882.6	1824.4
17.5°	2534.4	2453.0	2371.5	2280.8	2190.0	2094.5	1998.9	1917.1	1835.2	1766.7
20°	2560.9	2476.3	2391.6	2291.9	2192.1	2076.4	1960.6	1859.1	1757.7	1677.9
22.5°	2591.7	2505.3	2418.7	2306.9	2194.9	2054.1	1913.3	1791.1	1668.9	1578.2
25°	2631.3	2546.6	2461.9	2334.0	2206.1	2032.2	1858.4	1715.2	1572.2	1479.1
27.5°	2685.1	2604.3	2523.4	2376.5	2229.5	2017.6	1805.6	1645.8	1486.0	1401.3
30°	2757.6	2679.5	2601.5	2431.5	2261.4	2010.7	1759.8	1587.8	1415.8	1344.7
32.5°	2843.3	2765.9	2688.7	2488.8	2289.0	2002.2	1715.2	1537.8	1360.2	1302.9
35°	2947.3	2873.3	2799.2	2554.2	2309.3	1986.2	1663.3	1488.6	1313.9	1266.1
37.5°	3122.4	3028.0	2933.6	2627.5	2321.3	1958.8	1596.4	1430.7	1265.1	1223.3
40°	3387.0	3249.5	3111.9	2720.4	2328.9	1921.1	1513.4	1361.7	1209.9	1172.0
42.5°	3737.9	3539.4	3340.9	2842.1	2343.2	1882.2	1421.3	1285.5	1149.6	1114.7
45°	4171.3	3903.5	3635.7	3002.1	2368.5	1846.0	1323.7	1204.5	1085.4	1050.0
47.5°	4713.3	4336.4	3959.4	3172.6	2385.8	1816.2	1246.5	1140.5	1034.4	988.8
50°	5423.7	4855.4	4287.1	3330.8	2374.5	1783.6	1192.8	1098.0	1003.2	943.2
52.5°	6239.1	5400.7	4562.2	3433.6	2304.8	1728.7	1152.6	1069.9	987.4	918.4
55°	7107.3	5884.1	4660.9	3410.9	2160.8	1637.5	1114.2	1049.6	985.0	920.9
57.5°	7896.9	6226.6	4556.4	3251.6	1946.8	1509.0	1071.2	1025.6	979.9	923.3
60°	8374.1	6312.3	4250.3	2955.0	1659.8	1342.2	1024.7	988.8	952.9	915.6
62.5°	8131.8	5951.8	3771.8	2554.1	1336.4	1142.5	948.7	924.8	901.1	896.5
65°	7646.8	5441.7	3236.6	2145.0	1053.4	962.9	872.4	861.1	849.9	850.5
67.5°	6996.9	4834.7	2672.5	1744.2	815.9	790.3	764.5	770.8	777.0	775.5
70°	6216.1	4172.4	2128.6	1373.3	618.0	625.4	632.7	661.8	690.9	690.9
72.5°	5285.7	3454.4	1623.1	1049.9	476.7	498.9	521.1	562.4	603.7	610.6
75°	4108.7	2631.3	1153.9	762.0	370.2	390.3	410.4	456.6	502.9	534.9
77.5°	2935.6	1841.7	747.7	516.4	285.0	298.7	312.4	357.3	402.2	454.9
80°	1921.3	1186.5	451.8	332.7	213.7	219.3	225.0	263.1	301.1	364.0
82.5°	1116.9	686.7	256.7	204.6	152.7	153.7	154.8	182.8	210.8	264.6
85°	491.4	308.9	126.5	109.4	92.3	91.8	91.3	111.8	132.3	172.3
87.5°	152.1	101.2	50.2	45.4	40.5	40.0	39.5	47.8	56.2	72.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
1824.6	2.5°	1811.0	1797.5	1785.3	1773.1	1762.4	1751.7	1741.0	1730.3	1722.0	1713.7
1808.5	5°	1782.9	1757.2	1735.7	1714.2	1695.3	1676.3	1659.1	1641.8	1628.6	1615.3
1802.7	7.5°	1768.6	1734.5	1706.2	1677.9	1654.1	1630.2	1609.1	1588.1	1572.3	1556.6
1805.5	10°	1769.6	1733.6	1705.3	1677.0	1651.3	1625.6	1601.9	1578.2	1559.4	1540.5
1809.0	12.5°	1779.6	1750.3	1731.5	1712.8	1692.6	1672.5	1647.9	1623.5	1599.4	1575.3
1794.0	15°	1779.9	1765.9	1768.4	1771.0	1765.7	1760.5	1739.2	1717.9	1683.7	1649.4
1748.0	17.5°	1753.1	1758.2	1789.1	1819.9	1836.4	1852.7	1835.5	1818.4	1773.0	1727.7
1673.0	20°	1697.0	1721.1	1774.7	1828.3	1862.6	1896.9	1889.0	1881.0	1829.1	1777.3
1587.9	22.5°	1623.5	1659.0	1720.2	1781.4	1826.1	1870.7	1875.6	1880.3	1830.8	1781.2
1505.3	25°	1546.3	1587.4	1642.3	1697.4	1741.3	1785.3	1801.7	1818.0	1777.4	1736.9
1433.1	27.5°	1472.7	1512.4	1557.6	1602.7	1638.0	1673.2	1691.4	1709.8	1680.8	1652.0
1369.7	30°	1401.1	1432.6	1470.1	1507.6	1536.9	1566.1	1581.0	1595.9	1573.9	1551.8
1314.0	32.5°	1332.7	1351.3	1381.2	1411.2	1439.2	1467.3	1483.8	1500.3	1480.1	1459.8
1261.5	35°	1266.6	1271.8	1294.7	1317.4	1345.2	1373.0	1392.8	1412.6	1398.2	1383.8
1206.5	37.5°	1200.8	1195.2	1211.6	1227.9	1255.6	1283.3	1307.8	1332.3	1325.6	1319.0
1146.2	40°	1133.4	1120.6	1132.4	1144.2	1171.0	1197.7	1225.9	1254.1	1255.7	1257.3
1082.2	42.5°	1065.2	1048.2	1057.8	1067.5	1092.9	1118.3	1148.7	1179.1	1187.3	1195.4
1018.5	45°	1001.9	985.5	993.5	1001.7	1025.8	1049.8	1081.4	1113.0	1124.6	1136.3
961.7	47.5°	947.8	934.0	941.6	949.2	972.7	996.2	1027.4	1058.5	1071.9	1085.4
911.7	50°	899.4	887.1	899.0	911.0	933.2	955.3	983.2	1011.1	1028.3	1045.6
874.4	52.5°	862.2	850.1	868.0	885.8	906.2	926.5	952.5	978.5	999.0	1019.4
854.6	55°	835.3	816.1	841.5	866.9	888.8	910.7	933.5	956.2	977.9	999.6
842.7	57.5°	814.7	786.6	814.0	841.3	867.0	892.8	915.3	937.8	959.7	981.5
831.5	60°	795.2	758.8	782.8	806.7	836.3	865.9	888.7	911.7	933.6	955.5
818.5	62.5°	773.1	727.7	742.9	758.1	792.6	827.1	851.5	875.9	896.0	916.1
791.0	65°	742.8	694.5	700.3	706.1	743.1	780.1	803.4	826.8	844.5	862.1
742.1	67.5°	701.9	661.7	659.9	658.0	692.1	726.3	748.4	770.5	785.8	801.1
679.9	70°	651.4	622.8	616.4	610.0	640.0	670.0	689.1	708.2	722.0	735.8
610.7	72.5°	591.2	571.6	562.2	552.9	576.6	600.1	617.4	634.7	648.2	661.7
532.2	75°	517.1	502.0	493.1	484.1	501.6	519.2	534.8	550.5	562.8	575.1
453.5	77.5°	441.4	429.3	420.3	411.2	425.5	439.7	453.2	466.6	479.6	492.4
363.8	80°	353.7	343.5	335.9	328.3	340.2	352.0	363.3	374.6	384.5	394.2
267.6	82.5°	262.6	257.7	252.3	246.9	245.9	245.0	241.0	237.0	258.0	278.9
176.2	85°	170.9	165.6	159.6	153.5	148.4	143.3	132.3	121.3	140.9	160.6
77.8	87.5°	75.7	73.6	72.5	71.3	71.1	70.9	62.5	54.1	62.3	70.6
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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
1706.9	2.5°	1700.2	1695.0	1689.8	1684.9	1680.1	1674.0	1680.1	1684.9	1689.8	1695.0
1606.0	5°	1596.8	1590.2	1583.6	1578.6	1573.6	1568.6	1573.6	1578.6	1583.6	1590.2
1545.6	7.5°	1534.5	1526.9	1519.4	1514.9	1510.5	1507.1	1510.5	1514.9	1519.4	1526.9
1528.1	10°	1515.7	1508.5	1501.4	1497.6	1493.8	1492.2	1493.8	1497.6	1501.4	1508.5
1559.4	12.5°	1543.5	1535.5	1527.6	1524.3	1521.1	1520.5	1521.1	1524.3	1527.6	1535.5
1625.2	15°	1601.0	1589.9	1578.9	1574.6	1570.4	1570.0	1570.4	1574.6	1578.9	1589.9
1692.0	17.5°	1656.4	1639.9	1623.5	1618.1	1612.6	1611.8	1612.6	1618.1	1623.5	1639.9
1733.6	20°	1690.0	1668.9	1647.9	1641.1	1634.4	1632.3	1634.4	1641.1	1647.9	1668.9
1736.2	22.5°	1691.2	1669.0	1646.8	1639.4	1631.9	1628.8	1631.9	1639.4	1646.8	1669.0
1696.8	25°	1656.9	1637.7	1618.5	1611.5	1604.6	1600.5	1604.6	1611.5	1618.5	1637.7
1620.9	27.5°	1589.8	1577.0	1564.0	1560.8	1557.7	1556.6	1557.7	1560.8	1564.0	1577.0
1529.6	30°	1507.2	1500.6	1494.0	1494.0	1494.0	1495.0	1494.0	1494.0	1494.0	1500.6
1442.0	32.5°	1424.3	1420.0	1415.6	1416.2	1416.9	1417.9	1416.9	1416.2	1415.6	1420.0
1367.4	35°	1351.1	1344.5	1338.0	1336.5	1335.1	1334.4	1335.1	1336.5	1338.0	1344.5
1303.9	37.5°	1288.8	1276.8	1264.9	1258.6	1252.3	1248.8	1252.3	1258.6	1264.9	1276.8
1244.5	40°	1231.7	1214.3	1197.0	1185.3	1173.7	1166.7	1173.7	1185.3	1197.0	1214.3
1184.6	42.5°	1173.8	1152.2	1130.7	1113.6	1096.5	1085.4	1096.5	1113.6	1130.7	1152.2
1126.5	45°	1116.9	1092.2	1067.5	1047.5	1027.5	1014.6	1027.5	1047.5	1067.5	1092.2
1078.6	47.5°	1071.8	1049.8	1027.9	1009.4	990.9	978.5	990.9	1009.4	1027.9	1049.8
1045.2	50°	1044.9	1027.4	1009.8	992.7	975.6	963.7	975.6	992.7	1009.8	1027.4
1023.1	52.5°	1026.8	1012.5	998.2	982.8	967.6	956.6	967.6	982.8	998.2	1012.5
1004.7	55°	1009.8	997.4	984.9	971.5	958.0	948.1	958.0	971.5	984.9	997.4
986.7	57.5°	991.8	979.2	966.6	953.3	940.0	929.7	940.0	953.3	966.6	979.2
961.2	60°	966.9	954.5	942.3	928.6	914.9	904.2	914.9	928.6	942.3	954.5
921.6	62.5°	927.0	915.9	904.8	890.4	875.9	863.2	875.9	890.4	904.8	915.9
867.7	65°	873.2	862.6	851.9	837.9	823.9	813.0	823.9	837.9	851.9	862.6
806.5	67.5°	811.9	802.1	792.3	779.3	766.3	756.4	766.3	779.3	792.3	802.1
741.1	70°	746.3	738.3	730.3	717.9	705.4	694.1	705.4	717.9	730.3	738.3
667.9	72.5°	674.1	667.5	660.8	649.0	637.1	626.2	637.1	649.0	660.8	667.5
581.6	75°	588.1	584.9	581.6	571.6	561.6	551.2	561.6	571.6	581.6	584.9
498.5	77.5°	504.6	500.1	495.4	485.4	475.3	467.0	475.3	485.4	495.4	500.1
402.3	80°	410.4	408.4	406.5	393.0	379.4	363.7	379.4	393.0	406.5	408.4
292.6	82.5°	306.4	305.5	304.6	293.2	281.7	271.7	281.7	293.2	304.6	305.5
177.6	85°	194.6	193.2	191.7	182.8	173.9	164.9	173.9	182.8	191.7	193.2
77.5	87.5°	84.3	82.6	80.8	76.3	71.6	67.2	71.6	76.3	80.8	82.6
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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
1700.2	2.5°	1706.9	1713.7	1722.0	1730.3	1741.0	1751.7	1762.4	1773.1	1785.3	1797.5
1596.8	5°	1606.0	1615.3	1628.6	1641.8	1659.1	1676.3	1695.3	1714.2	1735.7	1757.2
1534.5	7.5°	1545.6	1556.6	1572.3	1588.1	1609.1	1630.2	1654.1	1677.9	1706.2	1734.5
1515.7	10°	1528.1	1540.5	1559.4	1578.2	1601.9	1625.6	1651.3	1677.0	1705.3	1733.6
1543.5	12.5°	1559.4	1575.3	1599.4	1623.5	1647.9	1672.5	1692.6	1712.8	1731.5	1750.3
1601.0	15°	1625.2	1649.4	1683.7	1717.9	1739.2	1760.5	1765.7	1771.0	1768.4	1765.9
1656.4	17.5°	1692.0	1727.7	1773.0	1818.4	1835.5	1852.7	1836.4	1819.9	1789.1	1758.2
1690.0	20°	1733.6	1777.3	1829.1	1881.0	1889.0	1896.9	1862.6	1828.3	1774.7	1721.1
1691.2	22.5°	1736.2	1781.2	1830.8	1880.3	1875.6	1870.7	1826.1	1781.4	1720.2	1659.0
1656.9	25°	1696.8	1736.9	1777.4	1818.0	1801.7	1785.3	1741.3	1697.4	1642.3	1587.4
1589.8	27.5°	1620.9	1652.0	1680.8	1709.8	1691.4	1673.2	1638.0	1602.7	1557.6	1512.4
1507.2	30°	1529.6	1551.8	1573.9	1595.9	1581.0	1566.1	1536.9	1507.6	1470.1	1432.6
1424.3	32.5°	1442.0	1459.8	1480.1	1500.3	1483.8	1467.3	1439.2	1411.2	1381.2	1351.3
1351.1	35°	1367.4	1383.8	1398.2	1412.6	1392.8	1373.0	1345.2	1317.4	1294.7	1271.8
1288.8	37.5°	1303.9	1319.0	1325.6	1332.3	1307.8	1283.3	1255.6	1227.9	1211.6	1195.2
1231.7	40°	1244.5	1257.3	1255.7	1254.1	1225.9	1197.7	1171.0	1144.2	1132.4	1120.6
1173.8	42.5°	1184.6	1195.4	1187.3	1179.1	1148.7	1118.3	1092.9	1067.5	1057.8	1048.2
1116.9	45°	1126.5	1136.3	1124.6	1113.0	1081.4	1049.8	1025.8	1001.7	993.5	985.5
1071.8	47.5°	1078.6	1085.4	1071.9	1058.5	1027.4	996.2	972.7	949.2	941.6	934.0
1044.9	50°	1045.2	1045.6	1028.3	1011.1	983.2	955.3	933.2	911.0	899.0	887.1
1026.8	52.5°	1023.1	1019.4	999.0	978.5	952.5	926.5	906.2	885.8	868.0	850.1
1009.8	55°	1004.7	999.6	977.9	956.2	933.5	910.7	888.8	866.9	841.5	816.1
991.8	57.5°	986.7	981.5	959.7	937.8	915.3	892.8	867.0	841.3	814.0	786.6
966.9	60°	961.2	955.5	933.6	911.7	888.7	865.9	836.3	806.7	782.8	758.8
927.0	62.5°	921.6	916.1	896.0	875.9	851.5	827.1	792.6	758.1	742.9	727.7
873.2	65°	867.7	862.1	844.5	826.8	803.4	780.1	743.1	706.1	700.3	694.5
811.9	67.5°	806.5	801.1	785.8	770.5	748.4	726.3	692.1	658.0	659.9	661.7
746.3	70°	741.1	735.8	722.0	708.2	689.1	670.0	640.0	610.0	616.4	622.8
674.1	72.5°	667.9	661.7	648.2	634.7	617.4	600.1	576.6	552.9	562.2	571.6
588.1	75°	581.6	575.1	562.8	550.5	534.8	519.2	501.6	484.1	493.1	502.0
504.6	77.5°	498.5	492.4	479.6	466.6	453.2	439.7	425.5	411.2	420.3	429.3
410.4	80°	402.3	394.2	384.5	374.6	363.3	352.0	340.2	328.3	335.9	343.5
306.4	82.5°	292.6	278.9	258.0	237.0	241.0	245.0	245.9	246.9	252.3	257.7
194.6	85°	177.6	160.6	140.9	121.3	132.3	143.3	148.4	153.5	159.6	165.6
84.3	87.5°	77.5	70.6	62.3	54.1	62.5	70.9	71.1	71.3	72.5	73.6
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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
1811.0	2.5°	1824.6	1841.4	1856.4	1872.0	1887.6	1903.9	1920.1	1936.3	1952.5	1967.7
1782.9	5°	1808.5	1837.8	1867.6	1899.0	1930.5	1964.2	1998.0	2031.4	2065.0	2098.6
1768.6	7.5°	1802.7	1840.7	1881.2	1925.1	1969.1	2019.0	2068.9	2120.1	2171.3	2226.7
1769.6	10°	1805.5	1846.3	1896.4	1948.4	2000.4	2061.0	2121.6	2189.2	2256.9	2327.0
1779.6	12.5°	1809.0	1847.0	1899.6	1958.4	2017.2	2088.7	2160.1	2236.8	2313.5	2390.5
1779.9	15°	1794.0	1824.4	1882.6	1950.7	2018.8	2101.0	2183.3	2266.5	2349.7	2430.1
1753.1	17.5°	1748.0	1766.7	1835.2	1917.1	1998.9	2094.5	2190.0	2280.8	2371.5	2453.0
1697.0	20°	1673.0	1677.9	1757.7	1859.1	1960.6	2076.4	2192.1	2291.9	2391.6	2476.3
1623.5	22.5°	1587.9	1578.2	1668.9	1791.1	1913.3	2054.1	2194.9	2306.9	2418.7	2505.3
1546.3	25°	1505.3	1479.1	1572.2	1715.2	1858.4	2032.2	2206.1	2334.0	2461.9	2546.6
1472.7	27.5°	1433.1	1401.3	1486.0	1645.8	1805.6	2017.6	2229.5	2376.5	2523.4	2604.3
1401.1	30°	1369.7	1344.7	1415.8	1587.8	1759.8	2010.7	2261.4	2431.5	2601.5	2679.5
1332.7	32.5°	1314.0	1302.9	1360.2	1537.8	1715.2	2002.2	2289.0	2488.8	2688.7	2765.9
1266.6	35°	1261.5	1266.1	1313.9	1488.6	1663.3	1986.2	2309.3	2554.2	2799.2	2873.3
1200.8	37.5°	1206.5	1223.3	1265.1	1430.7	1596.4	1958.8	2321.3	2627.5	2933.6	3028.0
1133.4	40°	1146.2	1172.0	1209.9	1361.7	1513.4	1921.1	2328.9	2720.4	3111.9	3249.5
1065.2	42.5°	1082.2	1114.7	1149.6	1285.5	1421.3	1882.2	2343.2	2842.1	3340.9	3539.4
1001.9	45°	1018.5	1050.0	1085.4	1204.5	1323.7	1846.0	2368.5	3002.1	3635.7	3903.5
947.8	47.5°	961.7	988.8	1034.4	1140.5	1246.5	1816.2	2385.8	3172.6	3959.4	4336.4
899.4	50°	911.7	943.2	1003.2	1098.0	1192.8	1783.6	2374.5	3330.8	4287.1	4855.4
862.2	52.5°	874.4	918.4	987.4	1069.9	1152.6	1728.7	2304.8	3433.6	4562.2	5400.7
835.3	55°	854.6	920.9	985.0	1049.6	1114.2	1637.5	2160.8	3410.9	4660.9	5884.1
814.7	57.5°	842.7	923.3	979.9	1025.6	1071.2	1509.0	1946.8	3251.6	4556.4	6226.6
795.2	60°	831.5	915.6	952.9	988.8	1024.7	1342.2	1659.8	2955.0	4250.3	6312.3
773.1	62.5°	818.5	896.5	901.1	924.8	948.7	1142.5	1336.4	2554.1	3771.8	5951.8
742.8	65°	791.0	850.5	849.9	861.1	872.4	962.9	1053.4	2145.0	3236.6	5441.7
701.9	67.5°	742.1	775.5	777.0	770.8	764.5	790.3	815.9	1744.2	2672.5	4834.7
651.4	70°	679.9	690.9	690.9	661.8	632.7	625.4	618.0	1373.3	2128.6	4172.4
591.2	72.5°	610.7	610.6	603.7	562.4	521.1	498.9	476.7	1049.9	1623.1	3454.4
517.1	75°	532.2	534.9	502.9	456.6	410.4	390.3	370.2	762.0	1153.9	2631.3
441.4	77.5°	453.5	454.9	402.2	357.3	312.4	298.7	285.0	516.4	747.7	1841.7
353.7	80°	363.8	364.0	301.1	263.1	225.0	219.3	213.7	332.7	451.8	1186.5
262.6	82.5°	267.6	264.6	210.8	182.8	154.8	153.7	152.7	204.6	256.7	686.7
170.9	85°	176.2	172.3	132.3	111.8	91.3	91.8	92.3	109.4	126.5	308.9
75.7	87.5°	77.8	72.9	56.2	47.8	39.5	40.0	40.5	45.4	50.2	101.2
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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
1982.9	2.5°	1990.4	1998.0	2008.6	2019.3	2025.7	2032.1	2035.2	2038.4	2037.0	2038.4
2132.2	5°	2158.4	2184.7	2210.8	2236.9	2251.0	2265.2	2273.8	2282.4	2288.9	2282.4
2282.2	7.5°	2324.9	2367.6	2406.0	2444.4	2467.6	2490.7	2503.2	2515.7	2521.7	2515.7
2397.2	10°	2447.7	2498.2	2543.3	2588.3	2615.6	2642.8	2655.0	2667.1	2671.7	2667.1
2467.6	12.5°	2522.3	2577.0	2617.8	2658.4	2678.2	2698.0	2704.6	2711.3	2712.0	2711.3
2510.4	15°	2557.6	2604.8	2630.4	2656.0	2656.7	2657.4	2650.3	2643.2	2634.9	2643.2
2534.4	17.5°	2566.3	2598.2	2598.7	2599.2	2570.5	2541.8	2515.6	2489.3	2470.7	2489.3
2560.9	20°	2572.1	2583.2	2549.6	2516.0	2452.8	2389.5	2343.4	2297.4	2269.1	2297.4
2591.7	22.5°	2577.1	2562.6	2493.0	2423.3	2330.3	2237.2	2179.7	2122.1	2090.8	2122.1
2631.3	25°	2585.4	2539.4	2433.7	2328.0	2215.0	2102.0	2041.4	1981.0	1951.4	1981.0
2685.1	27.5°	2602.9	2520.6	2380.6	2240.6	2115.4	1990.2	1930.6	1871.1	1843.1	1871.1
2757.6	30°	2635.0	2512.5	2340.1	2167.8	2037.3	1906.8	1851.6	1796.3	1770.3	1796.3
2843.3	32.5°	2675.4	2507.5	2312.5	2117.5	1994.9	1872.3	1828.9	1785.5	1766.7	1785.5
2947.3	35°	2741.8	2536.4	2333.2	2130.1	2044.9	1959.7	1949.6	1939.5	1938.0	1939.5
3122.4	37.5°	2880.7	2639.0	2454.3	2269.7	2264.1	2258.6	2304.9	2351.2	2375.2	2351.2
3387.0	40°	3124.1	2861.3	2724.0	2586.6	2683.6	2780.5	2893.0	3005.5	3061.5	3005.5
3737.9	42.5°	3477.1	3216.3	3137.2	3058.1	3269.5	3481.0	3685.6	3890.2	4010.3	3890.2
4171.3	45°	3937.0	3702.7	3667.8	3632.9	3971.6	4310.3	4646.6	4982.9	5187.0	4982.9
4713.3	47.5°	4485.4	4257.4	4250.3	4243.3	4731.9	5220.4	5712.6	6204.8	6493.8	6204.8
5423.7	50°	5142.1	4860.7	4861.9	4863.1	5492.8	6122.5	6772.2	7422.0	7814.8	7422.0
6239.1	52.5°	5898.2	5557.4	5522.9	5488.4	6240.6	6992.8	7796.7	8600.5	9071.4	8600.5
7107.3	55°	6770.5	6433.7	6299.3	6165.0	7002.1	7839.2	8797.6	9755.9	10316.0	9755.9
7896.9	57.5°	7713.5	7530.0	7260.5	6991.1	7836.4	8681.7	9767.2	10852.6	11547.1	10852.6
8374.1	60°	8659.0	8943.9	8609.2	8274.6	9074.5	9874.4	11036.7	12198.9	12949.4	12198.9
8131.8	62.5°	8910.1	9688.5	9650.8	9613.0	10345.8	11078.7	12184.4	13290.1	13983.8	13290.1
7646.8	65°	8377.3	9107.8	9252.4	9396.9	10328.1	11259.5	12331.7	13403.8	13994.5	13403.8
6996.9	67.5°	7691.7	8386.5	8454.3	8522.0	9492.3	10462.6	11539.4	12616.2	13078.9	12616.2
6216.1	70°	6971.8	7727.6	7757.9	7788.3	8656.0	9523.6	10450.3	11376.9	11634.1	11376.9
5285.7	72.5°	6152.9	7020.2	7042.0	7063.7	7742.6	8421.5	9115.5	9809.5	9835.5	9809.5
4108.7	75°	5006.3	5903.9	5984.5	6065.0	6593.2	7121.4	7610.0	8098.5	7967.6	8098.5
2935.6	77.5°	3773.5	4611.4	4726.7	4842.1	5243.6	5645.1	5991.6	6338.2	6113.2	6338.2
1921.3	80°	2626.3	3331.1	3474.5	3617.8	3921.1	4224.2	4406.1	4588.1	4226.1	4588.1
1116.9	82.5°	1598.8	2080.7	2240.9	2401.0	2609.8	2818.5	2894.4	2970.3	2685.8	2970.3
491.4	85°	747.2	1002.9	1139.1	1275.3	1446.9	1618.3	1661.4	1704.5	1476.6	1704.5
152.1	87.5°	238.1	324.1	400.0	476.0	561.8	647.5	651.2	654.8	549.8	654.8
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: P947152
 CATALOG NUMBER: GALN-SB2C-830-U-SLR

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1843.9	0°	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9	1843.9
2035.2	2.5°	2032.1	2025.7	2019.3	2008.6	1998.0	1990.4	1982.9
2273.8	5°	2265.2	2251.0	2236.9	2210.8	2184.7	2158.4	2132.2
2503.2	7.5°	2490.7	2467.6	2444.4	2406.0	2367.6	2324.9	2282.2
2655.0	10°	2642.8	2615.6	2588.3	2543.3	2498.2	2447.7	2397.2
2704.6	12.5°	2698.0	2678.2	2658.4	2617.8	2577.0	2522.3	2467.6
2650.3	15°	2657.4	2656.7	2656.0	2630.4	2604.8	2557.6	2510.4
2515.6	17.5°	2541.8	2570.5	2599.2	2598.7	2598.2	2566.3	2534.4
2343.4	20°	2389.5	2452.8	2516.0	2549.6	2583.2	2572.1	2560.9
2179.7	22.5°	2237.2	2330.3	2423.3	2493.0	2562.6	2577.1	2591.7
2041.4	25°	2102.0	2215.0	2328.0	2433.7	2539.4	2585.4	2631.3
1930.6	27.5°	1990.2	2115.4	2240.6	2380.6	2520.6	2602.9	2685.1
1851.6	30°	1906.8	2037.3	2167.8	2340.1	2512.5	2635.0	2757.6
1828.9	32.5°	1872.3	1994.9	2117.5	2312.5	2507.5	2675.4	2843.3
1949.6	35°	1959.7	2044.9	2130.1	2333.2	2536.4	2741.8	2947.3
2304.9	37.5°	2258.6	2264.1	2269.7	2454.3	2639.0	2880.7	3122.4
2893.0	40°	2780.5	2683.6	2586.6	2724.0	2861.3	3124.1	3387.0
3685.6	42.5°	3481.0	3269.5	3058.1	3137.2	3216.3	3477.1	3737.9
4646.6	45°	4310.3	3971.6	3632.9	3667.8	3702.7	3937.0	4171.3
5712.6	47.5°	5220.4	4731.9	4243.3	4250.3	4257.4	4485.4	4713.3
6772.2	50°	6122.5	5492.8	4863.1	4861.9	4860.7	5142.1	5423.7
7796.7	52.5°	6992.8	6240.6	5488.4	5522.9	5557.4	5898.2	6239.1
8797.6	55°	7839.2	7002.1	6165.0	6299.3	6433.7	6770.5	7107.3
9767.2	57.5°	8681.7	7836.4	6991.1	7260.5	7530.0	7713.5	7896.9
11036.7	60°	9874.4	9074.5	8274.6	8609.2	8943.9	8659.0	8374.1
12184.4	62.5°	11078.7	10345.8	9613.0	9650.8	9688.5	8910.1	8131.8
12331.7	65°	11259.5	10328.1	9396.9	9252.4	9107.8	8377.3	7646.8
11539.4	67.5°	10462.6	9492.3	8522.0	8454.3	8386.5	7691.7	6996.9
10450.3	70°	9523.6	8656.0	7788.3	7757.9	7727.6	6971.8	6216.1
9115.5	72.5°	8421.5	7742.6	7063.7	7042.0	7020.2	6152.9	5285.7
7610.0	75°	7121.4	6593.2	6065.0	5984.5	5903.9	5006.3	4108.7
5991.6	77.5°	5645.1	5243.6	4842.1	4726.7	4611.4	3773.5	2935.6
4406.1	80°	4224.2	3921.1	3617.8	3474.5	3331.1	2626.3	1921.3
2894.4	82.5°	2818.5	2609.8	2401.0	2240.9	2080.7	1598.8	1116.9
1661.4	85°	1618.3	1446.9	1275.3	1139.1	1002.9	747.2	491.4
651.2	87.5°	647.5	561.8	476.0	400.0	324.1	238.1	152.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)