

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: P948011

Luminaire Tested: **GALN-SB3A-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948011
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-SB3A-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9718 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

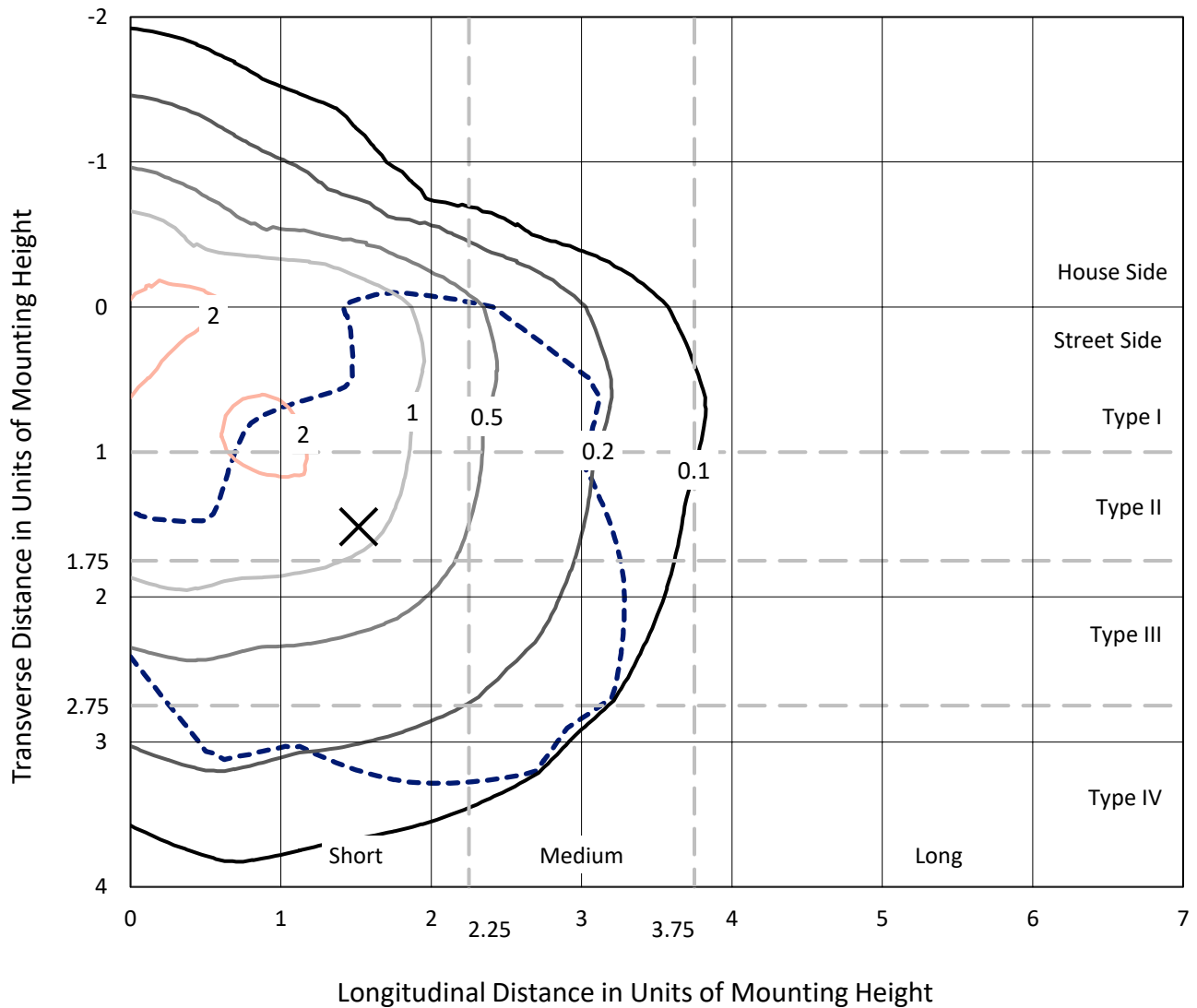
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

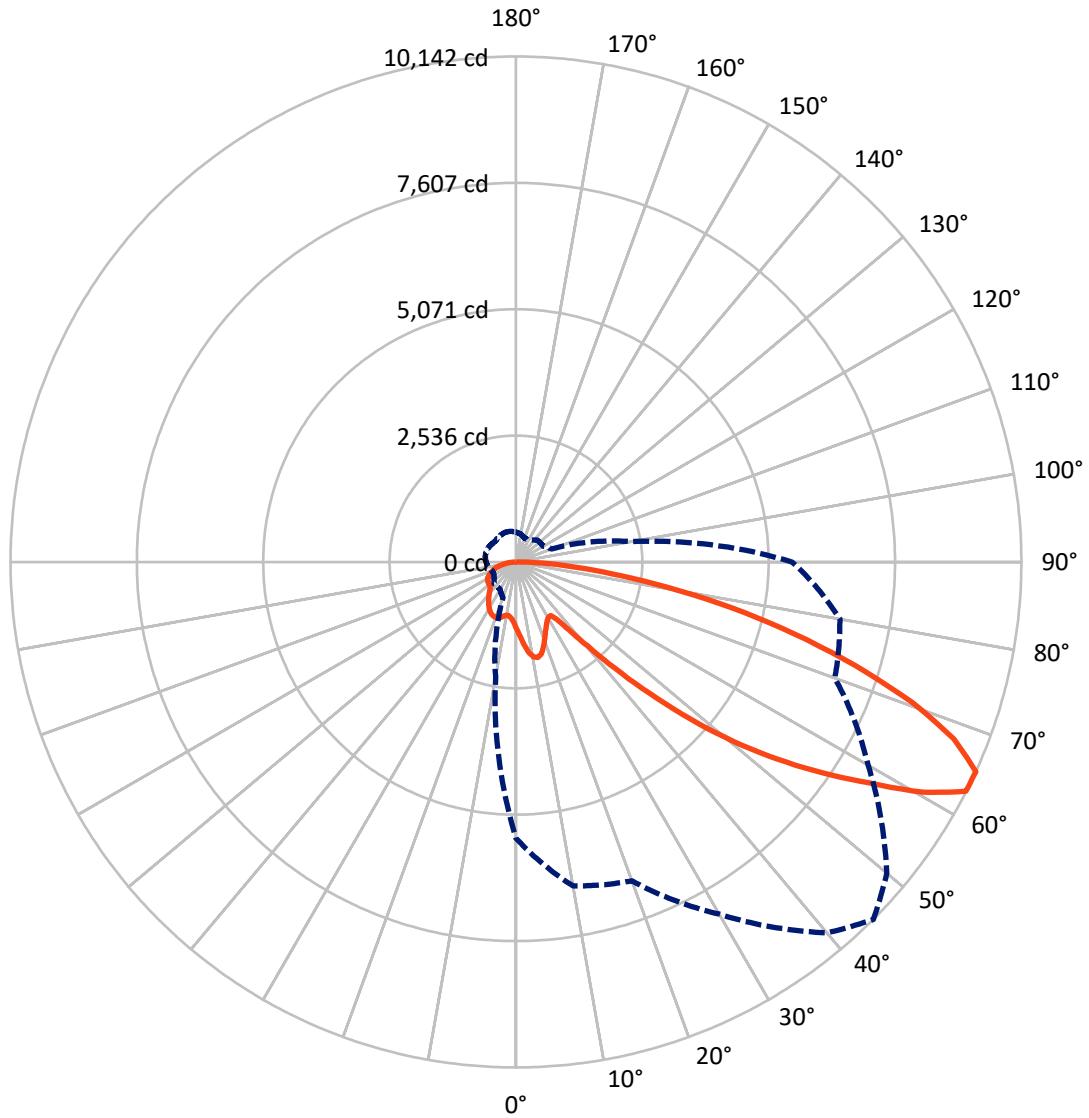
✕ Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P948011
CATALOG NUMBER: GALN-SB3A-940-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2469.8	0.0	2469.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7248.2	0.0	7248.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	9718.0	0.0	9718.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.6	1.4
10°-20°	416.1	4.3
20°-30°	642.8	6.6
30°-40°	814.6	8.4
40°-50°	1228.6	12.6
50°-60°	1984.9	20.4
60°-70°	2474.5	25.5
70°-80°	1622.7	16.7
80°-90°	401.2	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°	9718.0	100.0
0°-180°	9718.0	100.0



REPORT NUMBER: P948011

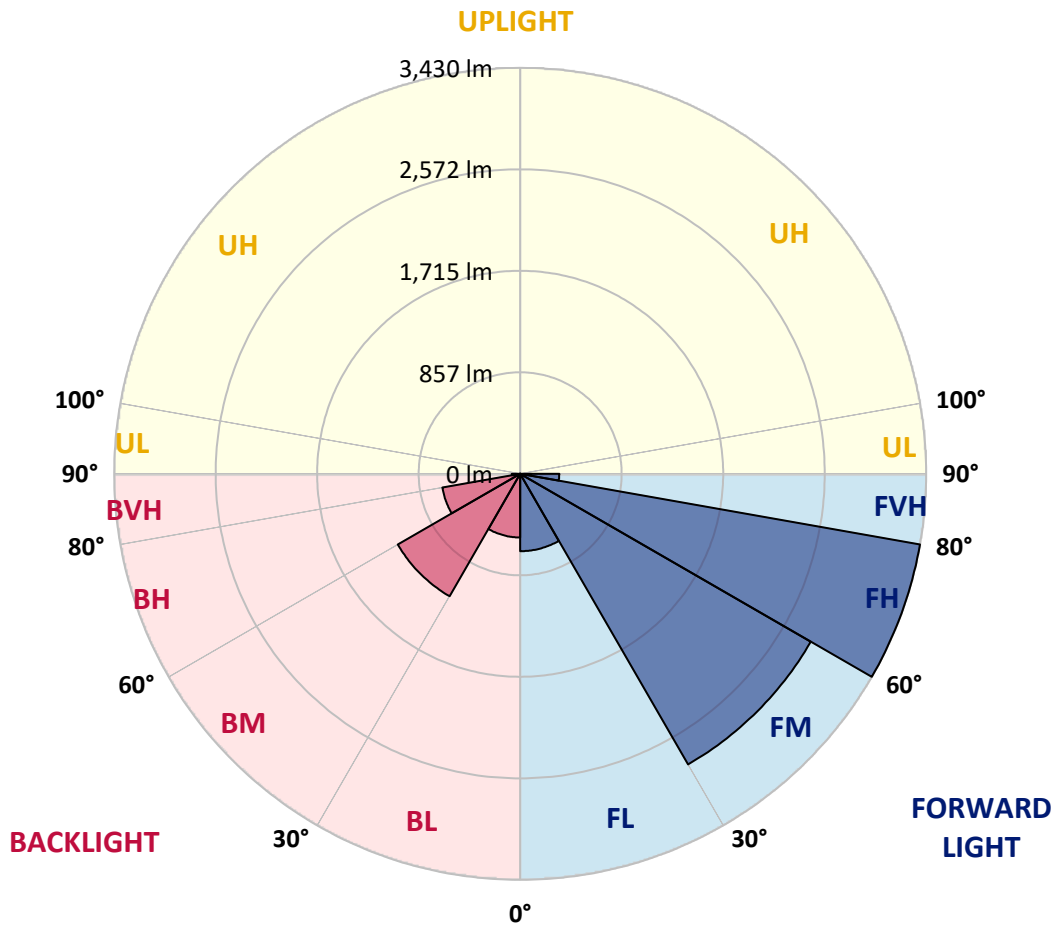
CATALOG NUMBER: GALN-SB3A-940-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	653.6	6.7			
FM (30°-60°)	2834.5	29.2			
FH (60°-80°)	3429.5	35.3			G2/5000
FVH (80°-90°)	330.5	3.4			G3/500
BL (0°-30°)	537.8	5.5	B2/1000		
BM (30°-60°)	1193.6	12.3	B2/2500		
BH (60°-80°)	667.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	70.7	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



REPORT NUMBER: P948011

CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
2.5°	1437.1	1442.5	1448.0	1455.7	1463.5	1468.1	1472.7	1475.0	1477.3	1476.3
5°	1545.3	1564.3	1583.4	1602.2	1621.2	1631.4	1641.7	1647.9	1654.1	1658.8
7.5°	1654.0	1684.9	1715.9	1743.7	1771.6	1788.3	1805.1	1814.2	1823.2	1827.6
10°	1737.3	1773.9	1810.5	1843.2	1875.9	1895.7	1915.3	1924.2	1932.9	1936.3
12.5°	1788.3	1828.0	1867.7	1897.2	1926.6	1941.0	1955.3	1960.2	1965.0	1965.5
15°	1819.3	1853.6	1887.8	1906.3	1924.9	1925.4	1925.9	1920.8	1915.6	1909.6
17.5°	1836.8	1859.9	1883.0	1883.4	1883.7	1862.9	1842.2	1823.1	1804.1	1790.6
20°	1856.0	1864.1	1872.2	1847.8	1823.5	1777.6	1731.8	1698.4	1665.0	1644.5
22.5°	1878.3	1867.8	1857.2	1806.7	1756.3	1688.8	1621.4	1579.7	1537.9	1515.3
25°	1907.0	1873.7	1840.4	1763.8	1687.2	1605.3	1523.4	1479.5	1435.7	1414.3
27.5°	1946.0	1886.4	1826.8	1725.3	1623.9	1533.1	1442.4	1399.2	1356.1	1335.8
30°	1998.6	1909.7	1820.9	1696.0	1571.1	1476.5	1381.9	1341.9	1301.8	1283.0
32.5°	2060.6	1938.9	1817.3	1676.0	1534.7	1445.8	1356.9	1325.5	1294.0	1280.4
35°	2136.0	1987.1	1838.2	1690.9	1543.7	1482.0	1420.3	1413.0	1405.6	1404.5
37.5°	2262.9	2087.7	1912.6	1778.7	1644.9	1640.9	1636.9	1670.4	1704.0	1721.4
40°	2454.7	2264.2	2073.7	1974.2	1874.6	1944.9	2015.1	2096.7	2178.2	2218.8
42.5°	2709.0	2520.0	2331.0	2273.7	2216.3	2369.6	2522.8	2671.1	2819.4	2906.4
45°	3023.1	2853.3	2683.5	2658.2	2632.9	2878.3	3123.9	3367.5	3611.3	3759.2
47.5°	3415.9	3250.7	3085.5	3080.4	3075.3	3429.4	3783.4	4140.1	4496.8	4706.3
50°	3930.7	3726.7	3522.7	3523.6	3524.5	3980.8	4437.2	4908.1	5379.0	5663.7
52.5°	4521.7	4274.6	4027.6	4002.7	3977.6	4522.8	5067.9	5650.5	6233.1	6574.4
55°	5150.9	4906.8	4662.7	4565.3	4468.0	5074.7	5681.4	6375.9	7070.5	7476.4
57.5°	5723.2	5590.2	5457.3	5262.0	5066.7	5679.3	6291.9	7078.6	7865.3	8368.6
60°	6069.0	6275.5	6482.0	6239.4	5996.9	6576.6	7156.4	7998.7	8841.0	9384.9
62.5°	5893.4	6457.5	7021.6	6994.3	6966.9	7498.0	8029.1	8830.5	9631.8	10134.6
65°	5541.9	6071.3	6600.8	6705.5	6810.3	7485.2	8160.1	8937.2	9714.2	10142.3
67.5°	5070.9	5574.4	6078.0	6127.1	6176.2	6879.4	7582.6	8363.0	9143.4	9478.8
70°	4505.0	5052.7	5600.5	5622.4	5644.4	6273.3	6902.1	7573.7	8245.3	8431.7
72.5°	3830.7	4459.3	5087.8	5103.6	5119.4	5611.4	6103.4	6606.4	7109.3	7128.2
75°	2977.7	3628.2	4278.8	4337.2	4395.6	4778.4	5161.1	5515.2	5869.3	5774.4
77.5°	2127.5	2734.8	3342.1	3425.6	3509.2	3800.2	4091.2	4342.3	4593.5	4430.4
80°	1392.5	1903.3	2414.2	2518.1	2622.0	2841.7	3061.4	3193.3	3325.1	3062.8
82.5°	809.4	1158.7	1508.0	1624.0	1740.1	1891.4	2042.7	2097.7	2152.7	1946.5
85°	356.1	541.5	726.9	825.6	924.3	1048.6	1172.8	1204.1	1235.3	1070.2
87.5°	110.2	172.6	234.9	289.9	345.0	407.1	469.3	472.0	474.6	398.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1477.3	2.5°	1475.0	1472.7	1468.1	1463.5	1455.7	1448.0	1442.5	1437.1	1426.0	1415.0
1654.1	5°	1647.9	1641.7	1631.4	1621.2	1602.2	1583.4	1564.3	1545.3	1520.9	1496.6
1823.2	7.5°	1814.2	1805.1	1788.3	1771.6	1743.7	1715.9	1684.9	1654.0	1613.8	1573.6
1932.9	10°	1924.2	1915.3	1895.7	1875.9	1843.2	1810.5	1773.9	1737.3	1686.5	1635.7
1965.0	12.5°	1960.2	1955.3	1941.0	1926.6	1897.2	1867.7	1828.0	1788.3	1732.5	1676.7
1915.6	15°	1920.8	1925.9	1925.4	1924.9	1906.3	1887.8	1853.6	1819.3	1761.1	1702.9
1804.1	17.5°	1823.1	1842.2	1862.9	1883.7	1883.4	1883.0	1859.9	1836.8	1777.8	1718.7
1665.0	20°	1698.4	1731.8	1777.6	1823.5	1847.8	1872.2	1864.1	1856.0	1794.7	1733.3
1537.9	22.5°	1579.7	1621.4	1688.8	1756.3	1806.7	1857.2	1867.8	1878.3	1815.7	1752.9
1435.7	25°	1479.5	1523.4	1605.3	1687.2	1763.8	1840.4	1873.7	1907.0	1845.6	1784.2
1356.1	27.5°	1399.2	1442.4	1533.1	1623.9	1725.3	1826.8	1886.4	1946.0	1887.4	1828.8
1301.8	30°	1341.9	1381.9	1476.5	1571.1	1696.0	1820.9	1909.7	1998.6	1942.0	1885.4
1294.0	32.5°	1325.5	1356.9	1445.8	1534.7	1676.0	1817.3	1938.9	2060.6	2004.6	1948.6
1405.6	35°	1413.0	1420.3	1482.0	1543.7	1690.9	1838.2	1987.1	2136.0	2082.4	2028.7
1704.0	37.5°	1670.4	1636.9	1640.9	1644.9	1778.7	1912.6	2087.7	2262.9	2194.5	2126.1
2178.2	40°	2096.7	2015.1	1944.9	1874.6	1974.2	2073.7	2264.2	2454.7	2355.0	2255.3
2819.4	42.5°	2671.1	2522.8	2369.6	2216.3	2273.7	2331.0	2520.0	2709.0	2565.1	2421.3
3611.3	45°	3367.5	3123.9	2878.3	2632.9	2658.2	2683.5	2853.3	3023.1	2829.0	2634.9
4496.8	47.5°	4140.1	3783.4	3429.4	3075.3	3080.4	3085.5	3250.7	3415.9	3142.7	2869.5
5379.0	50°	4908.1	4437.2	3980.8	3524.5	3523.6	3522.7	3726.7	3930.7	3518.9	3107.0
6233.1	52.5°	5650.5	5067.9	4522.8	3977.6	4002.7	4027.6	4274.6	4521.7	3914.1	3306.4
7070.5	55°	6375.9	5681.4	5074.7	4468.0	4565.3	4662.7	4906.8	5150.9	4264.4	3377.9
7865.3	57.5°	7078.6	6291.9	5679.3	5066.7	5262.0	5457.3	5590.2	5723.2	4512.7	3302.2
8841.0	60°	7998.7	7156.4	6576.6	5996.9	6239.4	6482.0	6275.5	6069.0	4574.7	3080.4
9631.8	62.5°	8830.5	8029.1	7498.0	6966.9	6994.3	7021.6	6457.5	5893.4	4313.5	2733.5
9714.2	65°	8937.2	8160.1	7485.2	6810.3	6705.5	6600.8	6071.3	5541.9	3943.8	2345.7
9143.4	67.5°	8363.0	7582.6	6879.4	6176.2	6127.1	6078.0	5574.4	5070.9	3503.9	1936.9
8245.3	70°	7573.7	6902.1	6273.3	5644.4	5622.4	5600.5	5052.7	4505.0	3023.9	1542.7
7109.3	72.5°	6606.4	6103.4	5611.4	5119.4	5103.6	5087.8	4459.3	3830.7	2503.5	1176.3
5869.3	75°	5515.2	5161.1	4778.4	4395.6	4337.2	4278.8	3628.2	2977.7	1907.0	836.2
4593.5	77.5°	4342.3	4091.2	3800.2	3509.2	3425.6	3342.1	2734.8	2127.5	1334.7	541.9
3325.1	80°	3193.3	3061.4	2841.7	2622.0	2518.1	2414.2	1903.3	1392.5	859.9	327.4
2152.7	82.5°	2097.7	2042.7	1891.4	1740.1	1624.0	1508.0	1158.7	809.4	497.7	186.0
1235.3	85°	1204.1	1172.8	1048.6	924.3	825.6	726.9	541.5	356.1	223.9	91.7
474.6	87.5°	472.0	469.3	407.1	345.0	289.9	234.9	172.6	110.2	73.3	36.4
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: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1403.3	2.5°	1391.6	1379.8	1368.0	1356.7	1345.4	1334.5	1322.4	1312.5	1302.7	1293.9
1472.2	5°	1448.0	1423.5	1399.1	1376.3	1353.5	1332.0	1310.7	1292.1	1273.5	1257.9
1536.5	7.5°	1499.4	1463.2	1427.1	1395.2	1363.4	1334.0	1306.5	1281.7	1257.1	1236.6
1586.6	10°	1537.6	1493.7	1449.7	1412.1	1374.4	1338.1	1308.5	1282.5	1256.4	1235.9
1621.1	12.5°	1565.5	1513.7	1461.9	1419.3	1376.7	1338.6	1311.1	1289.7	1268.5	1254.9
1642.6	15°	1582.3	1522.7	1463.1	1413.7	1364.4	1322.2	1300.2	1290.0	1279.8	1281.6
1653.0	17.5°	1587.2	1517.9	1448.7	1389.4	1330.1	1280.4	1266.8	1270.6	1274.3	1296.6
1661.0	20°	1588.7	1504.8	1420.9	1347.4	1273.9	1216.1	1212.5	1229.9	1247.3	1286.2
1671.9	22.5°	1590.8	1488.7	1386.7	1298.1	1209.5	1143.8	1150.8	1176.6	1202.4	1246.7
1691.6	25°	1598.9	1472.8	1346.8	1243.1	1139.4	1072.0	1090.9	1120.7	1150.4	1190.3
1722.3	27.5°	1615.8	1462.2	1308.6	1192.8	1076.9	1015.6	1038.6	1067.4	1096.1	1128.8
1762.2	30°	1639.0	1457.2	1275.4	1150.7	1026.1	974.5	992.6	1015.4	1038.3	1065.5
1803.8	32.5°	1659.0	1451.1	1243.1	1114.5	985.8	944.3	952.3	965.8	979.3	1001.0
1851.1	35°	1673.6	1439.5	1205.4	1078.8	952.2	917.6	914.3	918.0	921.7	938.3
1904.2	37.5°	1682.3	1419.6	1156.9	1036.9	916.9	886.6	874.4	870.3	866.2	878.1
1971.6	40°	1687.8	1392.3	1096.8	986.8	876.9	849.4	830.7	821.4	812.1	820.7
2059.7	42.5°	1698.2	1364.1	1030.1	931.6	833.2	807.9	784.3	772.0	759.7	766.7
2175.7	45°	1716.5	1337.9	959.3	873.0	786.6	761.0	738.1	726.1	714.2	720.0
2299.3	47.5°	1729.1	1316.3	903.4	826.6	749.7	716.6	697.0	686.9	676.9	682.4
2414.0	50°	1720.9	1292.7	864.4	795.7	727.0	683.5	660.7	651.8	642.9	651.5
2488.4	52.5°	1670.4	1252.8	835.3	775.4	715.6	665.6	633.7	624.9	616.1	629.1
2472.0	55°	1566.0	1186.8	807.5	760.7	713.9	667.4	619.3	605.4	591.5	609.9
2356.5	57.5°	1410.9	1093.7	776.4	743.3	710.2	669.2	610.7	590.4	570.1	589.9
2141.6	60°	1202.9	972.7	742.6	716.6	690.6	663.5	602.6	576.3	550.0	567.3
1851.0	62.5°	968.5	828.0	687.5	670.3	653.0	649.7	593.2	560.3	527.4	538.4
1554.5	65°	763.4	697.8	632.3	624.1	616.0	616.4	573.3	538.3	503.3	507.6
1264.1	67.5°	591.3	572.7	554.1	558.6	563.1	562.0	537.8	508.7	479.6	478.2
995.3	70°	447.9	453.2	458.5	479.7	500.7	500.7	492.8	472.1	451.4	446.7
760.9	72.5°	345.5	361.6	377.7	407.6	437.5	442.5	442.6	428.4	414.2	407.5
552.3	75°	268.3	282.9	297.4	330.9	364.5	387.7	385.7	374.8	363.8	357.4
374.2	77.5°	206.5	216.4	226.4	259.0	291.5	329.7	328.7	319.9	311.2	304.6
241.1	80°	154.9	159.0	163.1	190.7	218.2	263.8	263.7	256.3	249.0	243.5
148.3	82.5°	110.7	111.4	112.2	132.5	152.8	191.8	193.9	190.3	186.8	182.9
79.3	85°	66.9	66.6	66.1	81.0	95.9	124.9	127.7	123.8	120.0	115.6
32.9	87.5°	29.3	29.0	28.6	34.7	40.8	52.8	56.4	54.9	53.3	52.5
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: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1285.0	2.5°	1277.3	1269.5	1261.8	1254.0	1248.0	1242.0	1237.1	1232.2	1228.4	1224.6
1242.4	5°	1228.6	1214.9	1202.4	1189.9	1180.3	1170.7	1164.0	1157.2	1152.5	1147.7
1216.1	7.5°	1198.8	1181.4	1166.2	1150.9	1139.5	1128.1	1120.1	1112.1	1106.6	1101.2
1215.4	10°	1196.8	1178.1	1160.9	1143.8	1130.1	1116.4	1107.5	1098.5	1093.3	1088.1
1241.3	12.5°	1226.7	1212.1	1194.3	1176.6	1159.1	1141.7	1130.2	1118.6	1112.8	1107.1
1283.5	15°	1279.7	1275.9	1260.5	1245.0	1220.2	1195.4	1177.9	1160.3	1152.3	1144.3
1319.0	17.5°	1330.9	1342.7	1330.3	1317.8	1285.0	1252.1	1226.3	1200.4	1188.5	1176.6
1325.0	20°	1349.9	1374.8	1369.0	1363.2	1325.6	1288.1	1256.4	1224.8	1209.5	1194.3
1291.1	22.5°	1323.4	1355.8	1359.3	1362.7	1326.8	1290.9	1258.3	1225.7	1209.6	1193.5
1230.2	25°	1262.0	1293.9	1305.7	1317.6	1288.2	1258.8	1229.8	1200.8	1186.9	1173.0
1161.6	27.5°	1187.1	1212.6	1225.9	1239.1	1218.2	1197.2	1174.7	1152.2	1142.9	1133.5
1092.6	30°	1113.8	1135.0	1145.8	1156.6	1140.6	1124.6	1108.5	1092.3	1087.6	1082.7
1022.7	32.5°	1043.0	1063.4	1075.4	1087.4	1072.7	1058.0	1045.1	1032.2	1029.1	1026.0
954.8	35°	974.9	995.1	1009.4	1023.8	1013.3	1002.9	991.0	979.2	974.4	969.7
889.9	37.5°	910.0	930.1	947.8	965.6	960.7	955.9	945.0	934.0	925.4	916.8
829.3	40°	848.7	868.0	888.4	908.9	910.1	911.2	901.9	892.7	880.0	867.5
773.7	42.5°	792.0	810.5	832.5	854.6	860.4	866.3	858.5	850.7	835.1	819.4
726.0	45°	743.4	760.9	783.7	806.6	815.1	823.5	816.5	809.4	791.5	773.7
687.9	47.5°	705.0	722.0	744.6	767.1	776.9	786.6	781.7	776.8	760.9	745.0
660.2	50°	676.3	692.4	712.6	732.8	745.3	757.8	757.5	757.3	744.6	731.8
642.0	52.5°	656.8	671.5	690.3	709.2	724.0	738.8	741.5	744.1	733.8	723.4
628.3	55°	644.2	660.1	676.6	693.0	708.7	724.5	728.1	731.8	722.8	713.8
609.7	57.5°	628.4	647.0	663.3	679.7	695.5	711.3	715.1	718.8	709.7	700.6
584.7	60°	606.1	627.5	644.1	660.7	676.6	692.5	696.6	700.7	691.8	682.9
549.4	62.5°	574.4	599.4	617.1	634.8	649.4	663.9	667.9	671.8	663.8	655.7
511.8	65°	538.5	565.3	582.3	599.2	612.0	624.8	628.9	632.9	625.1	617.4
476.9	67.5°	501.6	526.4	542.4	558.4	569.5	580.6	584.5	588.4	581.3	574.2
442.1	70°	463.9	485.6	499.4	513.3	523.3	533.3	537.1	540.9	535.1	529.3
400.7	72.5°	417.9	434.9	447.5	460.0	469.8	479.6	484.1	488.6	483.8	478.9
350.8	75°	363.6	376.3	387.6	398.9	407.9	416.8	421.5	426.2	423.9	421.5
298.0	77.5°	308.4	318.7	328.4	338.2	347.6	356.9	361.3	365.7	362.4	359.0
237.9	80°	246.5	255.1	263.3	271.5	278.6	285.7	291.6	297.4	296.0	294.6
179.0	82.5°	178.2	177.5	174.7	171.8	187.0	202.1	212.1	222.0	221.4	220.8
111.3	85°	107.6	103.8	95.9	87.9	102.1	116.4	128.7	141.0	140.0	139.0
51.7	87.5°	51.5	51.4	45.3	39.2	45.2	51.2	56.1	61.1	59.9	58.6
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: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1221.1	2.5°	1217.6	1213.2	1217.6	1221.1	1224.6	1228.4	1232.2	1237.1	1242.0	1248.0
1144.1	5°	1140.4	1136.8	1140.4	1144.1	1147.7	1152.5	1157.2	1164.0	1170.7	1180.3
1097.9	7.5°	1094.7	1092.2	1094.7	1097.9	1101.2	1106.6	1112.1	1120.1	1128.1	1139.5
1085.4	10°	1082.6	1081.5	1082.6	1085.4	1088.1	1093.3	1098.5	1107.5	1116.4	1130.1
1104.7	12.5°	1102.4	1102.0	1102.4	1104.7	1107.1	1112.8	1118.6	1130.2	1141.7	1159.1
1141.2	15°	1138.1	1137.9	1138.1	1141.2	1144.3	1152.3	1160.3	1177.9	1195.4	1220.2
1172.7	17.5°	1168.7	1168.1	1168.7	1172.7	1176.6	1188.5	1200.4	1226.3	1252.1	1285.0
1189.4	20°	1184.5	1183.0	1184.5	1189.4	1194.3	1209.5	1224.8	1256.4	1288.1	1325.6
1188.1	22.5°	1182.7	1180.4	1182.7	1188.1	1193.5	1209.6	1225.7	1258.3	1290.9	1326.8
1167.9	25°	1162.9	1159.9	1162.9	1167.9	1173.0	1186.9	1200.8	1229.8	1258.8	1288.2
1131.2	27.5°	1128.9	1128.1	1128.9	1131.2	1133.5	1142.9	1152.2	1174.7	1197.2	1218.2
1082.7	30°	1082.7	1083.5	1082.7	1082.7	1082.7	1087.6	1092.3	1108.5	1124.6	1140.6
1026.4	32.5°	1026.8	1027.6	1026.8	1026.4	1026.0	1029.1	1032.2	1045.1	1058.0	1072.7
968.6	35°	967.6	967.1	967.6	968.6	969.7	974.4	979.2	991.0	1002.9	1013.3
912.2	37.5°	907.6	905.1	907.6	912.2	916.8	925.4	934.0	945.0	955.9	960.7
859.0	40°	850.6	845.6	850.6	859.0	867.5	880.0	892.7	901.9	911.2	910.1
807.1	42.5°	794.7	786.6	794.7	807.1	819.4	835.1	850.7	858.5	866.3	860.4
759.2	45°	744.7	735.3	744.7	759.2	773.7	791.5	809.4	816.5	823.5	815.1
731.5	47.5°	718.2	709.2	718.2	731.5	745.0	760.9	776.8	781.7	786.6	776.9
719.4	50°	707.0	698.4	707.0	719.4	731.8	744.6	757.3	757.5	757.8	745.3
712.3	52.5°	701.2	693.3	701.2	712.3	723.4	733.8	744.1	741.5	738.8	724.0
704.0	55°	694.3	687.1	694.3	704.0	713.8	722.8	731.8	728.1	724.5	708.7
690.9	57.5°	681.2	673.8	681.2	690.9	700.6	709.7	718.8	715.1	711.3	695.5
673.0	60°	663.0	655.3	663.0	673.0	682.9	691.8	700.7	696.6	692.5	676.6
645.3	62.5°	634.8	625.6	634.8	645.3	655.7	663.8	671.8	667.9	663.9	649.4
607.2	65°	597.1	589.2	597.1	607.2	617.4	625.1	632.9	628.9	624.8	612.0
564.8	67.5°	555.3	548.2	555.3	564.8	574.2	581.3	588.4	584.5	580.6	569.5
520.3	70°	511.2	503.0	511.2	520.3	529.3	535.1	540.9	537.1	533.3	523.3
470.3	72.5°	461.8	453.8	461.8	470.3	478.9	483.8	488.6	484.1	479.6	469.8
414.3	75°	407.0	399.5	407.0	414.3	421.5	423.9	426.2	421.5	416.8	407.9
351.8	77.5°	344.5	338.4	344.5	351.8	359.0	362.4	365.7	361.3	356.9	347.6
284.8	80°	275.0	263.6	275.0	284.8	294.6	296.0	297.4	291.6	285.7	278.6
212.5	82.5°	204.2	196.9	204.2	212.5	220.8	221.4	222.0	212.1	202.1	187.0
132.5	85°	126.0	119.5	126.0	132.5	139.0	140.0	141.0	128.7	116.4	102.1
55.3	87.5°	51.9	48.7	51.9	55.3	58.6	59.9	61.1	56.1	51.2	45.2
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: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1254.0	2.5°	1261.8	1269.5	1277.3	1285.0	1293.9	1302.7	1312.5	1322.4	1334.5	1345.4
1189.9	5°	1202.4	1214.9	1228.6	1242.4	1257.9	1273.5	1292.1	1310.7	1332.0	1353.5
1150.9	7.5°	1166.2	1181.4	1198.8	1216.1	1236.6	1257.1	1281.7	1306.5	1334.0	1363.4
1143.8	10°	1160.9	1178.1	1196.8	1215.4	1235.9	1256.4	1282.5	1308.5	1338.1	1374.4
1176.6	12.5°	1194.3	1212.1	1226.7	1241.3	1254.9	1268.5	1289.7	1311.1	1338.6	1376.7
1245.0	15°	1260.5	1275.9	1279.7	1283.5	1281.6	1279.8	1290.0	1300.2	1322.2	1364.4
1317.8	17.5°	1330.3	1342.7	1330.9	1319.0	1296.6	1274.3	1270.6	1266.8	1280.4	1330.1
1363.2	20°	1369.0	1374.8	1349.9	1325.0	1286.2	1247.3	1229.9	1212.5	1216.1	1273.9
1362.7	22.5°	1359.3	1355.8	1323.4	1291.1	1246.7	1202.4	1176.6	1150.8	1143.8	1209.5
1317.6	25°	1305.7	1293.9	1262.0	1230.2	1190.3	1150.4	1120.7	1090.9	1072.0	1139.4
1239.1	27.5°	1225.9	1212.6	1187.1	1161.6	1128.8	1096.1	1067.4	1038.6	1015.6	1076.9
1156.6	30°	1145.8	1135.0	1113.8	1092.6	1065.5	1038.3	1015.4	992.6	974.5	1026.1
1087.4	32.5°	1075.4	1063.4	1043.0	1022.7	1001.0	979.3	965.8	952.3	944.3	985.8
1023.8	35°	1009.4	995.1	974.9	954.8	938.3	921.7	918.0	914.3	917.6	952.2
965.6	37.5°	947.8	930.1	910.0	889.9	878.1	866.2	870.3	874.4	886.6	916.9
908.9	40°	888.4	868.0	848.7	829.3	820.7	812.1	821.4	830.7	849.4	876.9
854.6	42.5°	832.5	810.5	792.0	773.7	766.7	759.7	772.0	784.3	807.9	833.2
806.6	45°	783.7	760.9	743.4	726.0	720.0	714.2	726.1	738.1	761.0	786.6
767.1	47.5°	744.6	722.0	705.0	687.9	682.4	676.9	686.9	697.0	716.6	749.7
732.8	50°	712.6	692.4	676.3	660.2	651.5	642.9	651.8	660.7	683.5	727.0
709.2	52.5°	690.3	671.5	656.8	642.0	629.1	616.1	624.9	633.7	665.6	715.6
693.0	55°	676.6	660.1	644.2	628.3	609.9	591.5	605.4	619.3	667.4	713.9
679.7	57.5°	663.3	647.0	628.4	609.7	589.9	570.1	590.4	610.7	669.2	710.2
660.7	60°	644.1	627.5	606.1	584.7	567.3	550.0	576.3	602.6	663.5	690.6
634.8	62.5°	617.1	599.4	574.4	549.4	538.4	527.4	560.3	593.2	649.7	653.0
599.2	65°	582.3	565.3	538.5	511.8	507.6	503.3	538.3	573.3	616.4	616.0
558.4	67.5°	542.4	526.4	501.6	476.9	478.2	479.6	508.7	537.8	562.0	563.1
513.3	70°	499.4	485.6	463.9	442.1	446.7	451.4	472.1	492.8	500.7	500.7
460.0	72.5°	447.5	434.9	417.9	400.7	407.5	414.2	428.4	442.6	442.5	437.5
398.9	75°	387.6	376.3	363.6	350.8	357.4	363.8	374.8	385.7	387.7	364.5
338.2	77.5°	328.4	318.7	308.4	298.0	304.6	311.2	319.9	328.7	329.7	291.5
271.5	80°	263.3	255.1	246.5	237.9	243.5	249.0	256.3	263.7	263.8	218.2
171.8	82.5°	174.7	177.5	178.2	179.0	182.9	186.8	190.3	193.9	191.8	152.8
87.9	85°	95.9	103.8	107.6	111.3	115.6	120.0	123.8	127.7	124.9	95.9
39.2	87.5°	45.3	51.4	51.5	51.7	52.5	53.3	54.9	56.4	52.8	40.8
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: P948011
 CATALOG NUMBER: GALN-SB3A-940-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1336.3	0°	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3	1336.3
1356.7	2.5°	1368.0	1379.8	1391.6	1403.3	1415.0	1426.0	1437.1
1376.3	5°	1399.1	1423.5	1448.0	1472.2	1496.6	1520.9	1545.3
1395.2	7.5°	1427.1	1463.2	1499.4	1536.5	1573.6	1613.8	1654.0
1412.1	10°	1449.7	1493.7	1537.6	1586.6	1635.7	1686.5	1737.3
1419.3	12.5°	1461.9	1513.7	1565.5	1621.1	1676.7	1732.5	1788.3
1413.7	15°	1463.1	1522.7	1582.3	1642.6	1702.9	1761.1	1819.3
1389.4	17.5°	1448.7	1517.9	1587.2	1653.0	1718.7	1777.8	1836.8
1347.4	20°	1420.9	1504.8	1588.7	1661.0	1733.3	1794.7	1856.0
1298.1	22.5°	1386.7	1488.7	1590.8	1671.9	1752.9	1815.7	1878.3
1243.1	25°	1346.8	1472.8	1598.9	1691.6	1784.2	1845.6	1907.0
1192.8	27.5°	1308.6	1462.2	1615.8	1722.3	1828.8	1887.4	1946.0
1150.7	30°	1275.4	1457.2	1639.0	1762.2	1885.4	1942.0	1998.6
1114.5	32.5°	1243.1	1451.1	1659.0	1803.8	1948.6	2004.6	2060.6
1078.8	35°	1205.4	1439.5	1673.6	1851.1	2028.7	2082.4	2136.0
1036.9	37.5°	1156.9	1419.6	1682.3	1904.2	2126.1	2194.5	2262.9
986.8	40°	1096.8	1392.3	1687.8	1971.6	2255.3	2355.0	2454.7
931.6	42.5°	1030.1	1364.1	1698.2	2059.7	2421.3	2565.1	2709.0
873.0	45°	959.3	1337.9	1716.5	2175.7	2634.9	2829.0	3023.1
826.6	47.5°	903.4	1316.3	1729.1	2299.3	2869.5	3142.7	3415.9
795.7	50°	864.4	1292.7	1720.9	2414.0	3107.0	3518.9	3930.7
775.4	52.5°	835.3	1252.8	1670.4	2488.4	3306.4	3914.1	4521.7
760.7	55°	807.5	1186.8	1566.0	2472.0	3377.9	4264.4	5150.9
743.3	57.5°	776.4	1093.7	1410.9	2356.5	3302.2	4512.7	5723.2
716.6	60°	742.6	972.7	1202.9	2141.6	3080.4	4574.7	6069.0
670.3	62.5°	687.5	828.0	968.5	1851.0	2733.5	4313.5	5893.4
624.1	65°	632.3	697.8	763.4	1554.5	2345.7	3943.8	5541.9
558.6	67.5°	554.1	572.7	591.3	1264.1	1936.9	3503.9	5070.9
479.7	70°	458.5	453.2	447.9	995.3	1542.7	3023.9	4505.0
407.6	72.5°	377.7	361.6	345.5	760.9	1176.3	2503.5	3830.7
330.9	75°	297.4	282.9	268.3	552.3	836.2	1907.0	2977.7
259.0	77.5°	226.4	216.4	206.5	374.2	541.9	1334.7	2127.5
190.7	80°	163.1	159.0	154.9	241.1	327.4	859.9	1392.5
132.5	82.5°	112.2	111.4	110.7	148.3	186.0	497.7	809.4
81.0	85°	66.1	66.6	66.9	79.3	91.7	223.9	356.1
34.7	87.5°	28.6	29.0	29.3	32.9	36.4	73.3	110.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)