

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: P947950

Luminaire Tested: **GALN-SB3A-927-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947950  
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-927-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

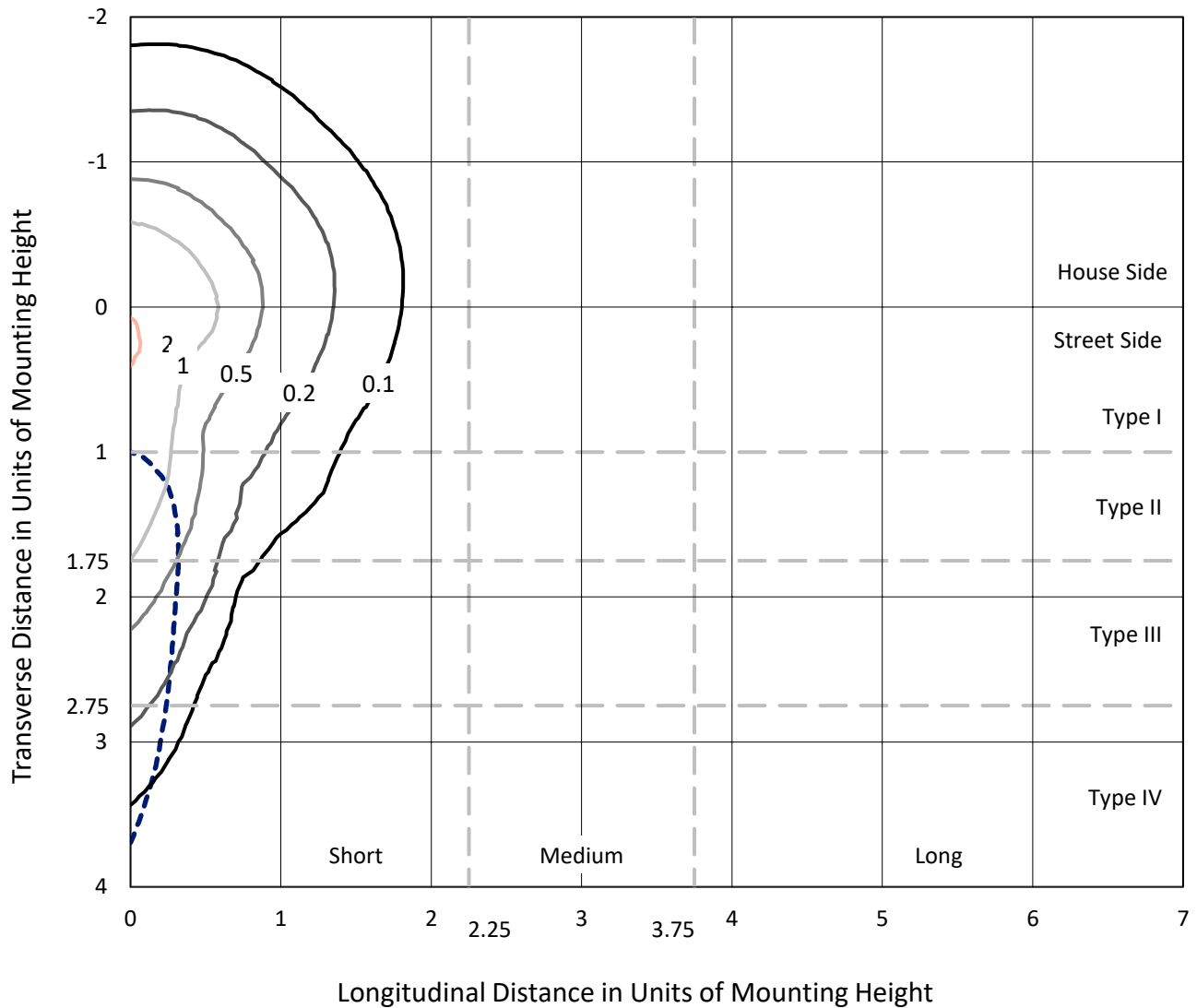
Lumens per Lamp: N/A  
Luminaire Lumens: 8163 lumens  
Efficiency: N/A  
Efficacy: 96.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 84.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

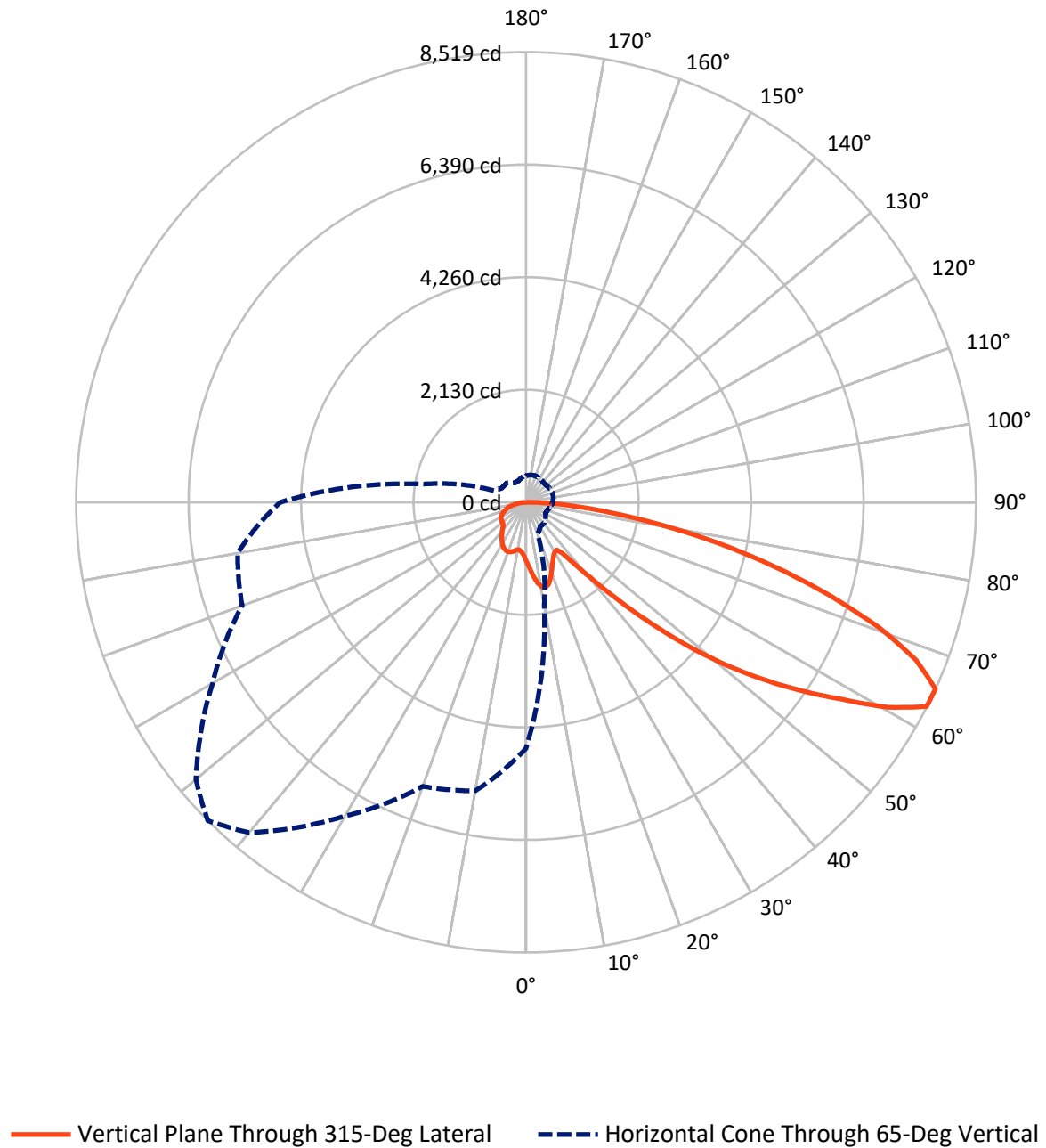
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P947950  
CATALOG NUMBER: GALN-SB3A-927-U-SLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P947950

CATALOG NUMBER: GALN-SB3A-927-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2074.6	0.0	2074.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	6088.4	0.0	6088.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	8163.0	0.0	8163.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	111.3	1.4
10°-20°	349.5	4.3
20°-30°	539.9	6.6
30°-40°	684.2	8.4
40°-50°	1032.0	12.6
50°-60°	1667.3	20.4
60°-70°	2078.6	25.5
70°-80°	1363.0	16.7
80°-90°	337.0	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°	8163.0	100.0
0°-180°	8163.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P947950

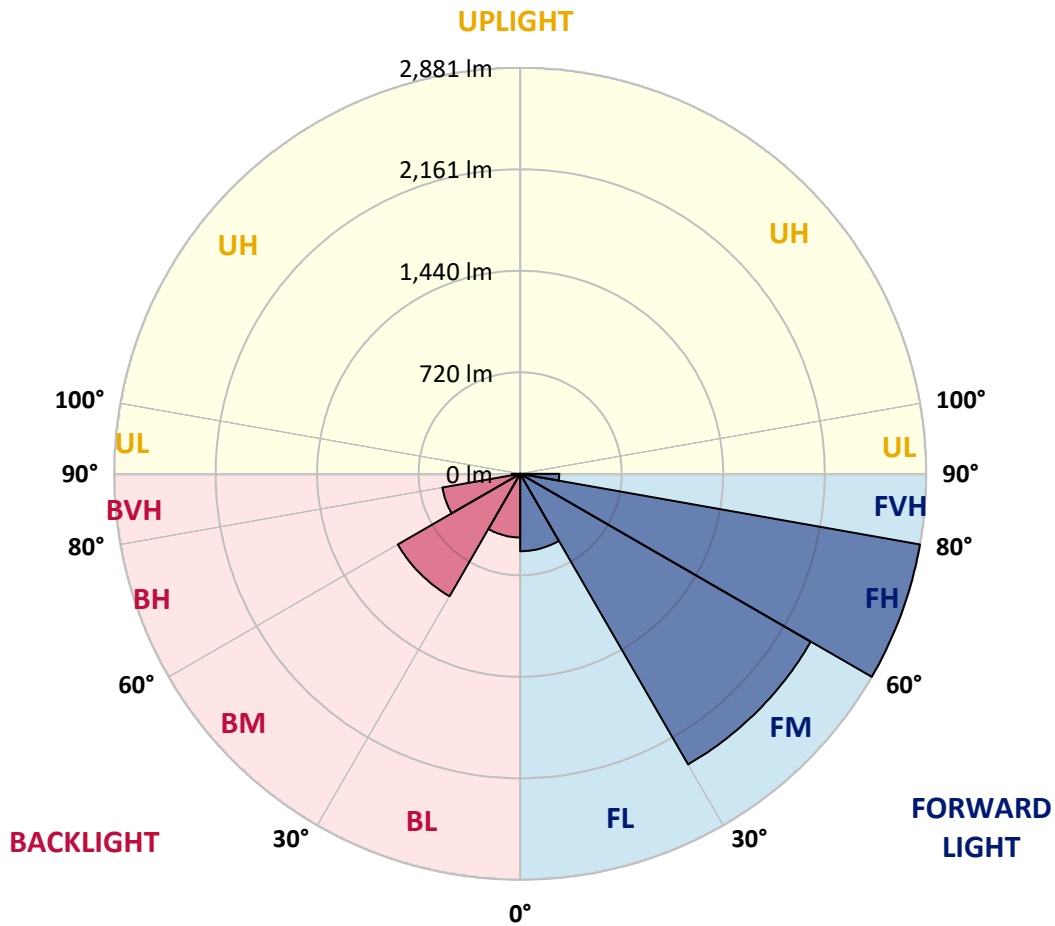
CATALOG NUMBER: GALN-SB3A-927-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	549.1	6.7			
FM (30°-60°)	2381.0	29.2			
FH (60°-80°)	2880.8	35.3			G2/5000
FVH (80°-90°)	277.6	3.4			G3/500
BL (0°-30°)	451.8	5.5	B1/500		
BM (30°-60°)	1002.6	12.3	B2/2500		
BH (60°-80°)	560.9	6.9	B2/1000		G2/1000
BVH (80°-90°)	59.4	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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
2.5°	1207.1	1197.9	1188.6	1178.7	1168.9	1159.0	1149.1	1139.6	1130.1	1121.0
5°	1298.0	1277.5	1257.1	1236.7	1216.3	1195.8	1175.2	1156.1	1136.9	1118.8
7.5°	1389.3	1355.6	1321.8	1290.6	1259.5	1229.1	1198.7	1172.0	1145.2	1120.5
10°	1459.3	1416.6	1373.9	1332.7	1291.5	1254.7	1217.8	1186.1	1154.4	1124.0
12.5°	1502.2	1455.3	1408.4	1361.7	1315.0	1271.5	1228.0	1192.2	1156.4	1124.4
15°	1528.2	1479.3	1430.5	1379.8	1329.1	1279.1	1229.0	1187.5	1146.1	1110.6
17.5°	1542.9	1493.3	1443.7	1388.5	1333.2	1275.0	1216.9	1167.1	1117.2	1075.5
20°	1559.0	1507.5	1456.0	1395.2	1334.5	1264.0	1193.6	1131.8	1070.0	1021.5
22.5°	1577.8	1525.1	1472.5	1404.4	1336.2	1250.5	1164.8	1090.4	1016.0	960.7
25°	1601.9	1550.3	1498.7	1420.9	1343.0	1237.1	1131.3	1044.2	957.1	900.4
27.5°	1634.6	1585.4	1536.2	1446.7	1357.2	1228.2	1099.2	1001.9	904.6	853.1
30°	1678.8	1631.2	1583.7	1480.2	1376.7	1224.0	1071.3	966.6	861.9	818.6
32.5°	1730.9	1683.8	1636.8	1515.1	1393.5	1218.9	1044.2	936.1	828.1	793.2
35°	1794.2	1749.2	1704.1	1554.9	1405.8	1209.1	1012.6	906.2	799.9	770.8
37.5°	1900.8	1843.4	1785.9	1599.5	1413.1	1192.5	971.8	871.0	770.1	744.7
40°	2061.9	1978.2	1894.4	1656.1	1417.7	1169.5	921.3	828.9	736.5	713.5
42.5°	2275.5	2154.7	2033.8	1730.2	1426.5	1145.8	865.3	782.6	699.9	678.6
45°	2539.4	2376.3	2213.3	1827.6	1441.9	1123.8	805.8	733.3	660.7	639.2
47.5°	2869.3	2639.9	2410.4	1931.4	1452.4	1105.6	758.9	694.3	629.7	601.9
50°	3301.8	2955.8	2609.9	2027.7	1445.5	1085.8	726.1	668.4	610.7	574.2
52.5°	3798.2	3287.8	2777.3	2090.2	1403.1	1052.4	701.7	651.4	601.1	559.1
55°	4326.7	3582.0	2837.4	2076.5	1315.4	996.9	678.3	639.0	599.7	560.6
57.5°	4807.4	3790.6	2773.8	1979.5	1185.2	918.7	652.1	624.3	596.6	562.1
60°	5097.9	3842.7	2587.5	1798.9	1010.4	817.1	623.8	601.9	580.1	557.4
62.5°	4950.4	3623.3	2296.1	1554.8	813.6	695.5	577.5	563.0	548.5	545.7
65°	4655.1	3312.7	1970.4	1305.8	641.3	586.2	531.1	524.2	517.4	517.7
67.5°	4259.5	2943.2	1627.0	1061.8	496.7	481.1	465.4	469.2	473.0	472.1
70°	3784.2	2540.0	1295.9	836.0	376.2	380.7	385.2	402.9	420.6	420.6
72.5°	3217.8	2102.9	988.1	639.2	290.2	303.7	317.2	342.4	367.5	371.7
75°	2501.3	1601.8	702.4	463.9	225.4	237.6	249.8	278.0	306.2	325.6
77.5°	1787.1	1121.1	455.2	314.3	173.5	181.8	190.2	217.5	244.9	277.0
80°	1169.6	722.3	275.0	202.5	130.1	133.5	137.0	160.1	183.3	221.6
82.5°	679.9	418.1	156.3	124.6	93.0	93.6	94.2	111.3	128.4	161.1
85°	299.1	188.1	77.0	66.6	56.2	55.9	55.6	68.1	80.5	104.9
87.5°	92.6	61.6	30.6	27.6	24.6	24.3	24.0	29.1	34.2	44.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1110.8	2.5°	1102.5	1094.3	1086.8	1079.4	1072.9	1066.4	1059.9	1053.4	1048.3	1043.2
1100.9	5°	1085.4	1069.7	1056.6	1043.6	1032.0	1020.5	1010.0	999.5	991.5	983.4
1097.4	7.5°	1076.7	1055.9	1038.7	1021.5	1007.0	992.4	979.6	966.8	957.2	947.6
1099.1	10°	1077.3	1055.4	1038.1	1020.9	1005.3	989.6	975.2	960.7	949.3	937.8
1101.3	12.5°	1083.4	1065.5	1054.1	1042.7	1030.4	1018.2	1003.2	988.3	973.7	959.0
1092.1	15°	1083.5	1075.0	1076.6	1078.1	1074.9	1071.7	1058.8	1045.8	1025.0	1004.1
1064.1	17.5°	1067.3	1070.4	1089.1	1107.9	1117.9	1127.9	1117.4	1107.0	1079.4	1051.8
1018.5	20°	1033.1	1047.8	1080.4	1113.0	1133.9	1154.8	1150.0	1145.1	1113.5	1082.0
966.6	22.5°	988.3	1010.0	1047.2	1084.5	1111.7	1138.9	1141.8	1144.7	1114.5	1084.4
916.4	25°	941.4	966.3	999.8	1033.3	1060.1	1086.8	1096.8	1106.8	1082.0	1057.4
872.4	27.5°	896.6	920.7	948.2	975.7	997.1	1018.6	1029.7	1040.9	1023.2	1005.7
833.8	30°	852.9	872.1	895.0	917.8	935.6	953.4	962.5	971.5	958.1	944.7
800.0	32.5°	811.3	822.6	840.8	859.1	876.1	893.2	903.3	913.4	901.0	888.7
768.0	35°	771.1	774.2	788.2	802.0	818.9	835.8	847.9	860.0	851.2	842.4
734.5	37.5°	731.0	727.6	737.6	747.5	764.4	781.3	796.2	811.1	807.0	803.0
697.8	40°	690.0	682.2	689.4	696.6	712.9	729.1	746.3	763.5	764.5	765.4
658.8	42.5°	648.5	638.1	644.0	649.9	665.3	680.8	699.3	717.8	722.8	727.7
620.0	45°	610.0	599.9	604.8	609.8	624.5	639.1	658.3	677.5	684.6	691.8
585.4	47.5°	577.0	568.6	573.2	577.8	592.2	606.5	625.4	644.4	652.6	660.7
555.0	50°	547.5	540.0	547.3	554.6	568.1	581.6	598.5	615.5	626.0	636.5
532.3	52.5°	524.9	517.5	528.4	539.3	551.7	564.0	579.8	595.7	608.1	620.6
520.2	55°	508.5	496.8	512.3	527.7	541.1	554.4	568.3	582.1	595.3	608.5
513.0	57.5°	495.9	478.9	495.5	512.1	527.8	543.5	557.2	570.9	584.2	597.5
506.2	60°	484.1	462.0	476.6	491.1	509.1	527.1	541.0	555.0	568.3	581.7
498.3	62.5°	470.6	443.0	452.3	461.5	482.5	503.5	518.4	533.2	545.5	557.7
481.6	65°	452.2	422.8	426.3	429.9	452.4	474.9	489.1	503.3	514.1	524.8
451.7	67.5°	427.3	402.8	401.7	400.6	421.3	442.1	455.6	469.1	478.4	487.7
413.9	70°	396.5	379.1	375.3	371.4	389.6	407.9	419.5	431.2	439.6	448.0
371.8	72.5°	359.9	347.9	342.3	336.6	351.0	365.3	375.9	386.4	394.6	402.8
324.0	75°	314.8	305.6	300.2	294.7	305.4	316.1	325.6	335.1	342.6	350.1
276.1	77.5°	268.7	261.4	255.9	250.3	259.0	267.7	275.9	284.1	291.9	299.8
221.5	80°	215.3	209.1	204.5	199.9	207.1	214.3	221.2	228.1	234.1	240.0
162.9	82.5°	159.9	156.9	153.6	150.3	149.7	149.1	146.7	144.3	157.0	169.8
107.3	85°	104.0	100.8	97.1	93.5	90.4	87.2	80.5	73.9	85.8	97.8
47.4	87.5°	46.1	44.8	44.1	43.4	43.3	43.2	38.1	33.0	37.9	43.0
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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1039.1	2.5°	1035.0	1031.9	1028.7	1025.7	1022.8	1019.1	1022.8	1025.7	1028.7	1031.9
977.7	5°	972.1	968.1	964.1	961.0	957.9	954.9	957.9	961.0	964.1	968.1
940.9	7.5°	934.2	929.6	925.0	922.2	919.5	917.5	919.5	922.2	925.0	929.6
930.3	10°	922.7	918.4	914.0	911.7	909.4	908.4	909.4	911.7	914.0	918.4
949.3	12.5°	939.6	934.8	929.9	928.0	926.0	925.6	926.0	928.0	929.9	934.8
989.4	15°	974.7	967.9	961.2	958.6	956.0	955.8	956.0	958.6	961.2	967.9
1030.0	17.5°	1008.3	998.3	988.3	985.0	981.7	981.2	981.7	985.0	988.3	998.3
1055.4	20°	1028.8	1016.0	1003.2	999.1	995.0	993.7	995.0	999.1	1003.2	1016.0
1057.0	22.5°	1029.5	1016.0	1002.5	998.0	993.5	991.5	993.5	998.0	1002.5	1016.0
1033.0	25°	1008.7	997.0	985.3	981.0	976.8	974.3	976.8	981.0	985.3	997.0
986.8	27.5°	967.9	960.0	952.1	950.2	948.3	947.6	948.3	950.2	952.1	960.0
931.2	30°	917.5	913.5	909.5	909.5	909.5	910.1	909.5	909.5	909.5	913.5
877.9	32.5°	867.1	864.4	861.8	862.1	862.5	863.2	862.5	862.1	861.8	864.4
832.4	35°	822.5	818.5	814.5	813.6	812.8	812.4	812.8	813.6	814.5	818.5
793.8	37.5°	784.6	777.3	770.1	766.2	762.4	760.2	762.4	766.2	770.1	777.3
757.6	40°	749.8	739.2	728.7	721.6	714.5	710.3	714.5	721.6	728.7	739.2
721.1	42.5°	714.6	701.4	688.3	677.9	667.5	660.7	667.5	677.9	688.3	701.4
685.8	45°	679.9	664.9	649.9	637.7	625.5	617.7	625.5	637.7	649.9	664.9
656.6	47.5°	652.5	639.1	625.8	614.5	603.2	595.7	603.2	614.5	625.8	639.1
636.3	50°	636.1	625.4	614.7	604.3	593.9	586.7	593.9	604.3	614.7	625.4
622.8	52.5°	625.1	616.4	607.7	598.3	589.0	582.3	589.0	598.3	607.7	616.4
611.6	55°	614.7	607.2	599.6	591.4	583.2	577.2	583.2	591.4	599.6	607.2
600.7	57.5°	603.8	596.1	588.5	580.4	572.2	566.0	572.2	580.4	588.5	596.1
585.1	60°	588.6	581.1	573.6	565.3	556.9	550.5	556.9	565.3	573.6	581.1
561.0	62.5°	564.3	557.6	550.8	542.0	533.2	525.5	533.2	542.0	550.8	557.6
528.2	65°	531.6	525.1	518.6	510.1	501.6	494.9	501.6	510.1	518.6	525.1
491.0	67.5°	494.3	488.3	482.3	474.4	466.5	460.5	466.5	474.4	482.3	488.3
451.1	70°	454.3	449.5	444.6	437.0	429.4	422.5	429.4	437.0	444.6	449.5
406.6	72.5°	410.4	406.4	402.3	395.1	387.9	381.2	387.9	395.1	402.3	406.4
354.1	75°	358.0	356.0	354.1	348.0	341.9	335.5	341.9	348.0	354.1	356.0
303.5	77.5°	307.2	304.4	301.6	295.5	289.4	284.3	289.4	295.5	301.6	304.4
244.9	80°	249.8	248.6	247.5	239.2	231.0	221.4	231.0	239.2	247.5	248.6
178.1	82.5°	186.5	186.0	185.4	178.5	171.5	165.4	171.5	178.5	185.4	186.0
108.1	85°	118.5	117.6	116.7	111.3	105.9	100.4	105.9	111.3	116.7	117.6
47.2	87.5°	51.3	50.3	49.2	46.4	43.6	40.9	43.6	46.4	49.2	50.3
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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1035.0	2.5°	1039.1	1043.2	1048.3	1053.4	1059.9	1066.4	1072.9	1079.4	1086.8	1094.3
972.1	5°	977.7	983.4	991.5	999.5	1010.0	1020.5	1032.0	1043.6	1056.6	1069.7
934.2	7.5°	940.9	947.6	957.2	966.8	979.6	992.4	1007.0	1021.5	1038.7	1055.9
922.7	10°	930.3	937.8	949.3	960.7	975.2	989.6	1005.3	1020.9	1038.1	1055.4
939.6	12.5°	949.3	959.0	973.7	988.3	1003.2	1018.2	1030.4	1042.7	1054.1	1065.5
974.7	15°	989.4	1004.1	1025.0	1045.8	1058.8	1071.7	1074.9	1078.1	1076.6	1075.0
1008.3	17.5°	1030.0	1051.8	1079.4	1107.0	1117.4	1127.9	1117.9	1107.9	1089.1	1070.4
1028.8	20°	1055.4	1082.0	1113.5	1145.1	1150.0	1154.8	1133.9	1113.0	1080.4	1047.8
1029.5	22.5°	1057.0	1084.4	1114.5	1144.7	1141.8	1138.9	1111.7	1084.5	1047.2	1010.0
1008.7	25°	1033.0	1057.4	1082.0	1106.8	1096.8	1086.8	1060.1	1033.3	999.8	966.3
967.9	27.5°	986.8	1005.7	1023.2	1040.9	1029.7	1018.6	997.1	975.7	948.2	920.7
917.5	30°	931.2	944.7	958.1	971.5	962.5	953.4	935.6	917.8	895.0	872.1
867.1	32.5°	877.9	888.7	901.0	913.4	903.3	893.2	876.1	859.1	840.8	822.6
822.5	35°	832.4	842.4	851.2	860.0	847.9	835.8	818.9	802.0	788.2	774.2
784.6	37.5°	793.8	803.0	807.0	811.1	796.2	781.3	764.4	747.5	737.6	727.6
749.8	40°	757.6	765.4	764.5	763.5	746.3	729.1	712.9	696.6	689.4	682.2
714.6	42.5°	721.1	727.7	722.8	717.8	699.3	680.8	665.3	649.9	644.0	638.1
679.9	45°	685.8	691.8	684.6	677.5	658.3	639.1	624.5	609.8	604.8	599.9
652.5	47.5°	656.6	660.7	652.6	644.4	625.4	606.5	592.2	577.8	573.2	568.6
636.1	50°	636.3	636.5	626.0	615.5	598.5	581.6	568.1	554.6	547.3	540.0
625.1	52.5°	622.8	620.6	608.1	595.7	579.8	564.0	551.7	539.3	528.4	517.5
614.7	55°	611.6	608.5	595.3	582.1	568.3	554.4	541.1	527.7	512.3	496.8
603.8	57.5°	600.7	597.5	584.2	570.9	557.2	543.5	527.8	512.1	495.5	478.9
588.6	60°	585.1	581.7	568.3	555.0	541.0	527.1	509.1	491.1	476.6	462.0
564.3	62.5°	561.0	557.7	545.5	533.2	518.4	503.5	482.5	461.5	452.3	443.0
531.6	65°	528.2	524.8	514.1	503.3	489.1	474.9	452.4	429.9	426.3	422.8
494.3	67.5°	491.0	487.7	478.4	469.1	455.6	442.1	421.3	400.6	401.7	402.8
454.3	70°	451.1	448.0	439.6	431.2	419.5	407.9	389.6	371.4	375.3	379.1
410.4	72.5°	406.6	402.8	394.6	386.4	375.9	365.3	351.0	336.6	342.3	347.9
358.0	75°	354.1	350.1	342.6	335.1	325.6	316.1	305.4	294.7	300.2	305.6
307.2	77.5°	303.5	299.8	291.9	284.1	275.9	267.7	259.0	250.3	255.9	261.4
249.8	80°	244.9	240.0	234.1	228.1	221.2	214.3	207.1	199.9	204.5	209.1
186.5	82.5°	178.1	169.8	157.0	144.3	146.7	149.1	149.7	150.3	153.6	156.9
118.5	85°	108.1	97.8	85.8	73.9	80.5	87.2	90.4	93.5	97.1	100.8
51.3	87.5°	47.2	43.0	37.9	33.0	38.1	43.2	43.3	43.4	44.1	44.8
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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1102.5	2.5°	1110.8	1121.0	1130.1	1139.6	1149.1	1159.0	1168.9	1178.7	1188.6	1197.9
1085.4	5°	1100.9	1118.8	1136.9	1156.1	1175.2	1195.8	1216.3	1236.7	1257.1	1277.5
1076.7	7.5°	1097.4	1120.5	1145.2	1172.0	1198.7	1229.1	1259.5	1290.6	1321.8	1355.6
1077.3	10°	1099.1	1124.0	1154.4	1186.1	1217.8	1254.7	1291.5	1332.7	1373.9	1416.6
1083.4	12.5°	1101.3	1124.4	1156.4	1192.2	1228.0	1271.5	1315.0	1361.7	1408.4	1455.3
1083.5	15°	1092.1	1110.6	1146.1	1187.5	1229.0	1279.1	1329.1	1379.8	1430.5	1479.3
1067.3	17.5°	1064.1	1075.5	1117.2	1167.1	1216.9	1275.0	1333.2	1388.5	1443.7	1493.3
1033.1	20°	1018.5	1021.5	1070.0	1131.8	1193.6	1264.0	1334.5	1395.2	1456.0	1507.5
988.3	22.5°	966.6	960.7	1016.0	1090.4	1164.8	1250.5	1336.2	1404.4	1472.5	1525.1
941.4	25°	916.4	900.4	957.1	1044.2	1131.3	1237.1	1343.0	1420.9	1498.7	1550.3
896.6	27.5°	872.4	853.1	904.6	1001.9	1099.2	1228.2	1357.2	1446.7	1536.2	1585.4
852.9	30°	833.8	818.6	861.9	966.6	1071.3	1224.0	1376.7	1480.2	1583.7	1631.2
811.3	32.5°	800.0	793.2	828.1	936.1	1044.2	1218.9	1393.5	1515.1	1636.8	1683.8
771.1	35°	768.0	770.8	799.9	906.2	1012.6	1209.1	1405.8	1554.9	1704.1	1749.2
731.0	37.5°	734.5	744.7	770.1	871.0	971.8	1192.5	1413.1	1599.5	1785.9	1843.4
690.0	40°	697.8	713.5	736.5	828.9	921.3	1169.5	1417.7	1656.1	1894.4	1978.2
648.5	42.5°	658.8	678.6	699.9	782.6	865.3	1145.8	1426.5	1730.2	2033.8	2154.7
610.0	45°	620.0	639.2	660.7	733.3	805.8	1123.8	1441.9	1827.6	2213.3	2376.3
577.0	47.5°	585.4	601.9	629.7	694.3	758.9	1105.6	1452.4	1931.4	2410.4	2639.9
547.5	50°	555.0	574.2	610.7	668.4	726.1	1085.8	1445.5	2027.7	2609.9	2955.8
524.9	52.5°	532.3	559.1	601.1	651.4	701.7	1052.4	1403.1	2090.2	2777.3	3287.8
508.5	55°	520.2	560.6	599.7	639.0	678.3	996.9	1315.4	2076.5	2837.4	3582.0
495.9	57.5°	513.0	562.1	596.6	624.3	652.1	918.7	1185.2	1979.5	2773.8	3790.6
484.1	60°	506.2	557.4	580.1	601.9	623.8	817.1	1010.4	1798.9	2587.5	3842.7
470.6	62.5°	498.3	545.7	548.5	563.0	577.5	695.5	813.6	1554.8	2296.1	3623.3
452.2	65°	481.6	517.7	517.4	524.2	531.1	586.2	641.3	1305.8	1970.4	3312.7
427.3	67.5°	451.7	472.1	473.0	469.2	465.4	481.1	496.7	1061.8	1627.0	2943.2
396.5	70°	413.9	420.6	420.6	402.9	385.2	380.7	376.2	836.0	1295.9	2540.0
359.9	72.5°	371.8	371.7	367.5	342.4	317.2	303.7	290.2	639.2	988.1	2102.9
314.8	75°	324.0	325.6	306.2	278.0	249.8	237.6	225.4	463.9	702.4	1601.8
268.7	77.5°	276.1	277.0	244.9	217.5	190.2	181.8	173.5	314.3	455.2	1121.1
215.3	80°	221.5	221.6	183.3	160.1	137.0	133.5	130.1	202.5	275.0	722.3
159.9	82.5°	162.9	161.1	128.4	111.3	94.2	93.6	93.0	124.6	156.3	418.1
104.0	85°	107.3	104.9	80.5	68.1	55.6	55.9	56.2	66.6	77.0	188.1
46.1	87.5°	47.4	44.4	34.2	29.1	24.0	24.3	24.6	27.6	30.6	61.6
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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1207.1	2.5°	1211.7	1216.3	1222.8	1229.3	1233.2	1237.1	1239.0	1240.9	1240.1	1240.9
1298.0	5°	1314.0	1330.0	1345.9	1361.8	1370.4	1379.0	1384.2	1389.4	1393.4	1389.4
1389.3	7.5°	1415.3	1441.3	1464.7	1488.1	1502.2	1516.3	1523.9	1531.5	1535.1	1531.5
1459.3	10°	1490.1	1520.8	1548.3	1575.7	1592.3	1608.9	1616.3	1623.6	1626.4	1623.6
1502.2	12.5°	1535.5	1568.8	1593.6	1618.3	1630.4	1642.5	1646.5	1650.6	1651.0	1650.6
1528.2	15°	1557.0	1585.7	1601.3	1616.9	1617.3	1617.7	1613.4	1609.1	1604.0	1609.1
1542.9	17.5°	1562.3	1581.7	1582.0	1582.3	1564.8	1547.4	1531.4	1515.4	1504.1	1515.4
1559.0	20°	1565.8	1572.6	1552.1	1531.7	1493.2	1454.7	1426.6	1398.6	1381.4	1398.6
1577.8	22.5°	1568.9	1560.0	1517.6	1475.3	1418.6	1362.0	1326.9	1291.8	1272.8	1291.8
1601.9	25°	1573.9	1545.9	1481.5	1417.2	1348.4	1279.6	1242.7	1206.0	1188.0	1206.0
1634.6	27.5°	1584.6	1534.5	1449.2	1364.0	1287.8	1211.6	1175.3	1139.1	1122.1	1139.1
1678.8	30°	1604.1	1529.5	1424.6	1319.7	1240.2	1160.8	1127.2	1093.5	1077.7	1093.5
1730.9	32.5°	1628.7	1526.5	1407.8	1289.1	1214.4	1139.8	1113.4	1086.9	1075.5	1086.9
1794.2	35°	1669.1	1544.1	1420.4	1296.7	1244.9	1193.0	1186.9	1180.7	1179.8	1180.7
1900.8	37.5°	1753.7	1606.5	1494.1	1381.7	1378.3	1375.0	1403.1	1431.3	1446.0	1431.3
2061.9	40°	1901.9	1741.9	1658.3	1574.7	1633.7	1692.7	1761.2	1829.7	1863.8	1829.7
2275.5	42.5°	2116.8	1958.0	1909.9	1861.7	1990.4	2119.1	2243.7	2368.2	2441.4	2368.2
2539.4	45°	2396.8	2254.1	2232.9	2211.6	2417.8	2624.0	2828.7	3033.4	3157.7	3033.4
2869.3	47.5°	2730.6	2591.8	2587.5	2583.2	2880.6	3178.0	3477.7	3777.3	3953.2	3777.3
3301.8	50°	3130.4	2959.0	2959.8	2960.5	3343.8	3727.2	4122.7	4518.3	4757.4	4518.3
3798.2	52.5°	3590.7	3383.2	3362.2	3341.2	3799.1	4257.0	4746.4	5235.7	5522.4	5235.7
4326.7	55°	4121.7	3916.6	3834.8	3753.0	4262.7	4772.3	5355.7	5939.1	6280.0	5939.1
4807.4	57.5°	4695.7	4584.0	4420.0	4256.0	4770.6	5285.1	5946.0	6606.8	7029.5	6606.8
5097.9	60°	5271.3	5444.8	5241.0	5037.3	5524.3	6011.3	6718.8	7426.3	7883.2	7426.3
4950.4	62.5°	5424.2	5898.1	5875.1	5852.1	6298.2	6744.4	7417.5	8090.6	8513.0	8090.6
4655.1	65°	5099.8	5544.6	5632.6	5720.5	6287.5	6854.4	7507.2	8159.8	8519.4	8159.8
4259.5	67.5°	4682.5	5105.4	5146.7	5187.9	5778.6	6369.3	7024.8	7680.3	7962.0	7680.3
3784.2	70°	4244.2	4704.3	4722.8	4741.3	5269.5	5797.7	6361.8	6925.9	7082.5	6925.9
3217.8	72.5°	3745.7	4273.7	4287.0	4300.2	4713.5	5126.8	5549.3	5971.7	5987.6	5971.7
2501.3	75°	3047.7	3594.1	3643.2	3692.2	4013.8	4335.3	4632.7	4930.1	4850.5	4930.1
1787.1	77.5°	2297.2	2807.3	2877.5	2947.7	3192.1	3436.6	3647.5	3858.5	3721.5	3858.5
1169.6	80°	1598.8	2027.9	2115.1	2202.4	2387.0	2571.5	2682.3	2793.1	2572.8	2793.1
679.9	82.5°	973.3	1266.7	1364.2	1461.7	1588.7	1715.8	1762.0	1808.2	1635.1	1808.2
299.1	85°	454.9	610.6	693.5	776.4	880.8	985.2	1011.4	1037.6	898.9	1037.6
92.6	87.5°	144.9	197.3	243.5	289.8	342.0	394.2	396.4	398.6	334.7	398.6
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: P947950  
 CATALOG NUMBER: GALN-SB3A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1239.0	2.5°	1237.1	1233.2	1229.3	1222.8	1216.3	1211.7	1207.1
1384.2	5°	1379.0	1370.4	1361.8	1345.9	1330.0	1314.0	1298.0
1523.9	7.5°	1516.3	1502.2	1488.1	1464.7	1441.3	1415.3	1389.3
1616.3	10°	1608.9	1592.3	1575.7	1548.3	1520.8	1490.1	1459.3
1646.5	12.5°	1642.5	1630.4	1618.3	1593.6	1568.8	1535.5	1502.2
1613.4	15°	1617.7	1617.3	1616.9	1601.3	1585.7	1557.0	1528.2
1531.4	17.5°	1547.4	1564.8	1582.3	1582.0	1581.7	1562.3	1542.9
1426.6	20°	1454.7	1493.2	1531.7	1552.1	1572.6	1565.8	1559.0
1326.9	22.5°	1362.0	1418.6	1475.3	1517.6	1560.0	1568.9	1577.8
1242.7	25°	1279.6	1348.4	1417.2	1481.5	1545.9	1573.9	1601.9
1175.3	27.5°	1211.6	1287.8	1364.0	1449.2	1534.5	1584.6	1634.6
1127.2	30°	1160.8	1240.2	1319.7	1424.6	1529.5	1604.1	1678.8
1113.4	32.5°	1139.8	1214.4	1289.1	1407.8	1526.5	1628.7	1730.9
1186.9	35°	1193.0	1244.9	1296.7	1420.4	1544.1	1669.1	1794.2
1403.1	37.5°	1375.0	1378.3	1381.7	1494.1	1606.5	1753.7	1900.8
1761.2	40°	1692.7	1633.7	1574.7	1658.3	1741.9	1901.9	2061.9
2243.7	42.5°	2119.1	1990.4	1861.7	1909.9	1958.0	2116.8	2275.5
2828.7	45°	2624.0	2417.8	2211.6	2232.9	2254.1	2396.8	2539.4
3477.7	47.5°	3178.0	2880.6	2583.2	2587.5	2591.8	2730.6	2869.3
4122.7	50°	3727.2	3343.8	2960.5	2959.8	2959.0	3130.4	3301.8
4746.4	52.5°	4257.0	3799.1	3341.2	3362.2	3383.2	3590.7	3798.2
5355.7	55°	4772.3	4262.7	3753.0	3834.8	3916.6	4121.7	4326.7
5946.0	57.5°	5285.1	4770.6	4256.0	4420.0	4584.0	4695.7	4807.4
6718.8	60°	6011.3	5524.3	5037.3	5241.0	5444.8	5271.3	5097.9
7417.5	62.5°	6744.4	6298.2	5852.1	5875.1	5898.1	5424.2	4950.4
7507.2	65°	6854.4	6287.5	5720.5	5632.6	5544.6	5099.8	4655.1
7024.8	67.5°	6369.3	5778.6	5187.9	5146.7	5105.4	4682.5	4259.5
6361.8	70°	5797.7	5269.5	4741.3	4722.8	4704.3	4244.2	3784.2
5549.3	72.5°	5126.8	4713.5	4300.2	4287.0	4273.7	3745.7	3217.8
4632.7	75°	4335.3	4013.8	3692.2	3643.2	3594.1	3047.7	2501.3
3647.5	77.5°	3436.6	3192.1	2947.7	2877.5	2807.3	2297.2	1787.1
2682.3	80°	2571.5	2387.0	2202.4	2115.1	2027.9	1598.8	1169.6
1762.0	82.5°	1715.8	1588.7	1461.7	1364.2	1266.7	973.3	679.9
1011.4	85°	985.2	880.8	776.4	693.5	610.6	454.9	299.1
396.4	87.5°	394.2	342.0	289.8	243.5	197.3	144.9	92.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)