

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: P949796

Luminaire Tested: **GALN-SB4B-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949796
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-SB4B-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16295 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

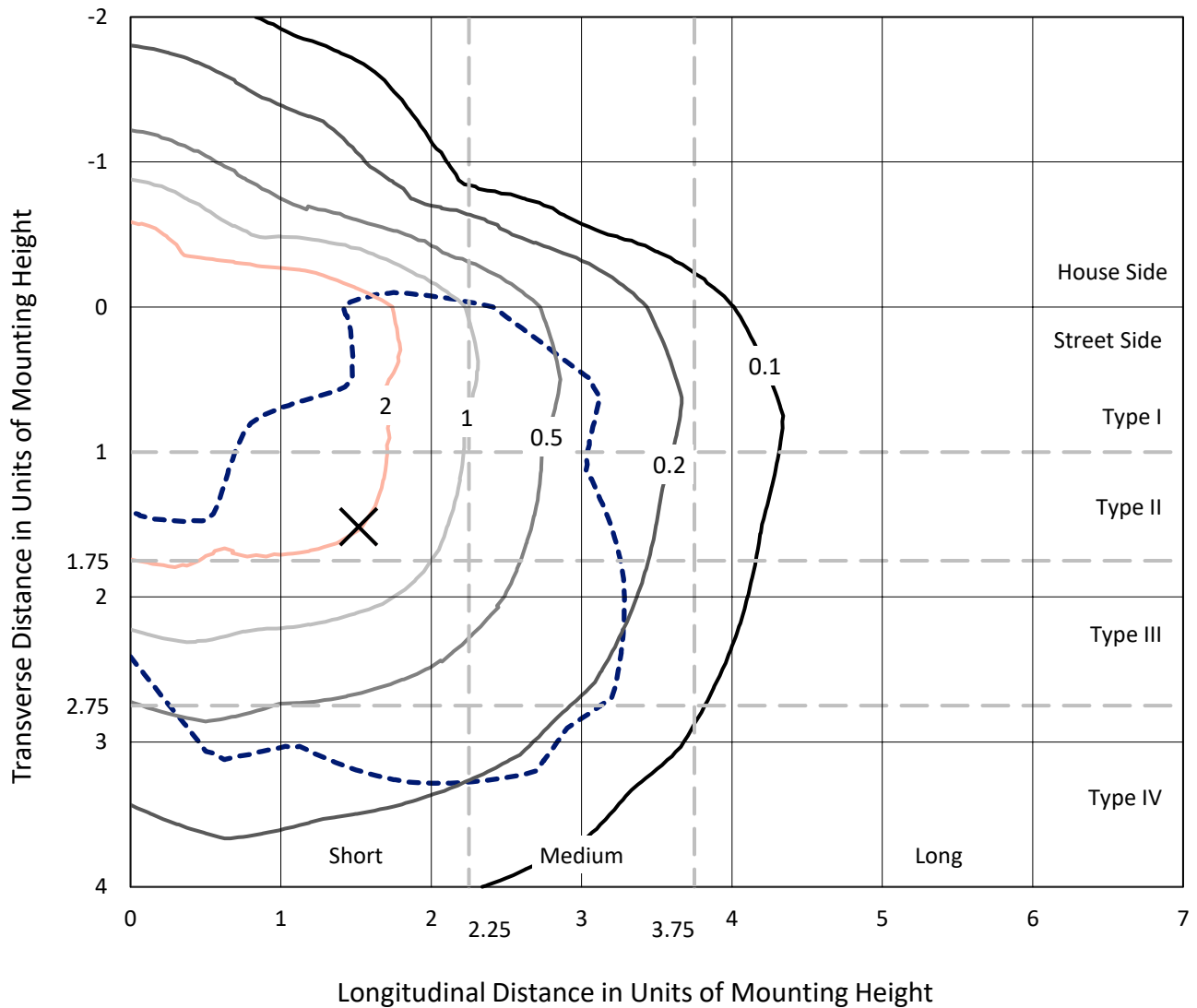
Input Watts (W): 147
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

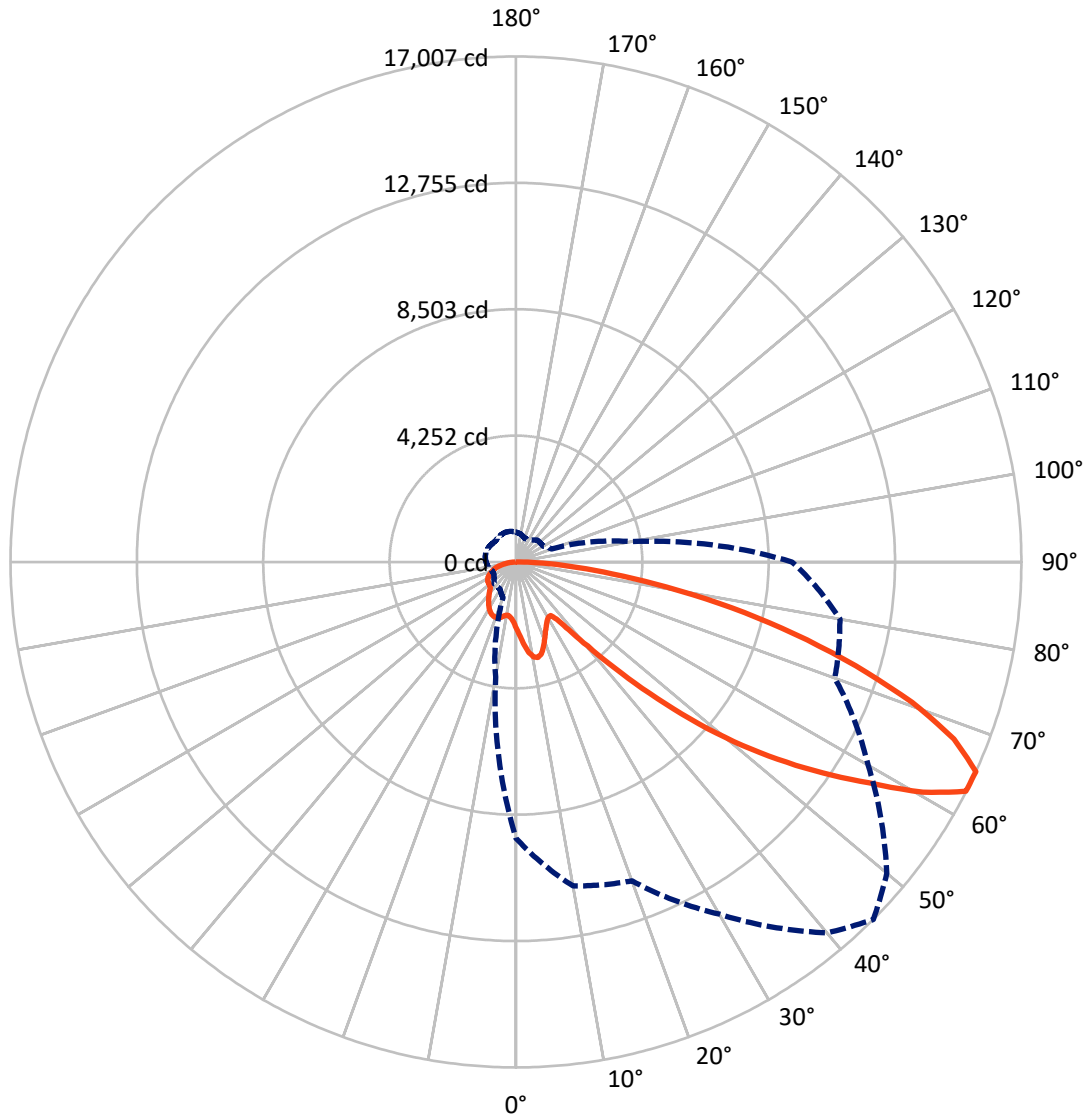
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5 fc
 Type IV - Short - N/A

REPORT NUMBER: P949796
CATALOG NUMBER: GALN-SB4B-940-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P949796

CATALOG NUMBER: GALN-SB4B-940-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4141.4	0.0	4141.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	12153.6	0.0	12153.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	16295.0	0.0	16295.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.3	1.4
10°-20°	697.8	4.3
20°-30°	1077.8	6.6
30°-40°	1365.9	8.4
40°-50°	2060.1	12.6
50°-60°	3328.3	20.4
60°-70°	4149.3	25.5
70°-80°	2720.9	16.7
80°-90°	672.7	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°	16295.0	100.0
0°-180°	16295.0	100.0

Coefficient of Utilization



REPORT NUMBER: P949796

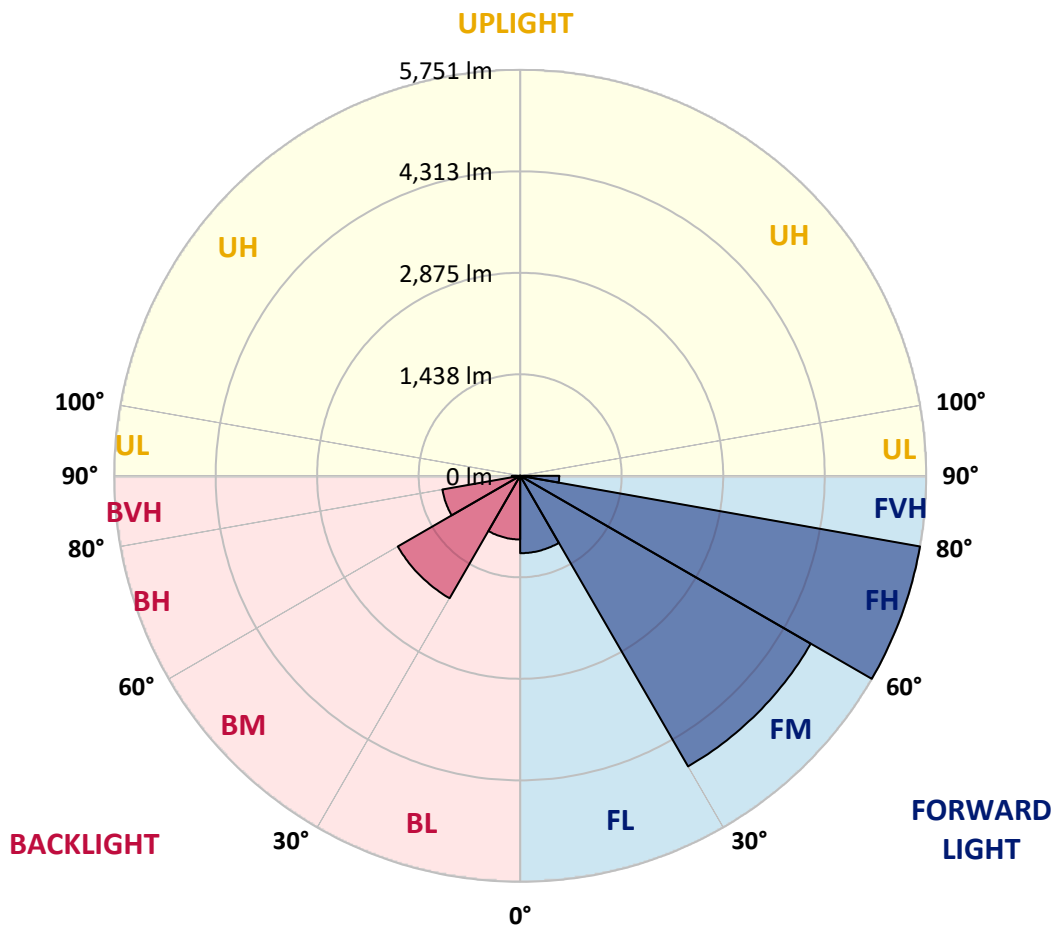
CATALOG NUMBER: GALN-SB4B-940-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1096.0	6.7			
FM (30°-60°)	4752.9	29.2			
FH (60°-80°)	5750.6	35.3			G3/7500
FVH (80°-90°)	554.1	3.4			G4/750
BL (0°-30°)	901.8	5.5	B2/1000		
BM (30°-60°)	2001.4	12.3	B2/2500		
BH (60°-80°)	1119.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	118.5	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



REPORT NUMBER: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2.5°	2409.7	2418.8	2428.0	2441.0	2453.9	2461.7	2469.4	2473.3	2477.2	2475.4
5°	2591.1	2623.0	2655.0	2686.6	2718.3	2735.5	2752.7	2763.1	2773.6	2781.5
7.5°	2773.4	2825.3	2877.1	2923.8	2970.5	2998.6	3026.8	3042.0	3057.1	3064.4
10°	2913.1	2974.5	3035.9	3090.6	3145.4	3178.6	3211.6	3226.4	3241.1	3246.7
12.5°	2998.6	3065.2	3131.7	3181.2	3230.5	3254.6	3278.7	3286.8	3294.8	3295.7
15°	3050.7	3108.1	3165.4	3196.5	3227.6	3228.5	3229.3	3220.7	3212.1	3202.0
17.5°	3079.9	3118.7	3157.4	3158.0	3158.6	3123.7	3088.9	3057.0	3025.0	3002.5
20°	3112.1	3125.6	3139.2	3098.4	3057.5	2980.7	2903.8	2847.8	2791.9	2757.5
22.5°	3149.5	3131.8	3114.1	3029.5	2944.9	2831.8	2718.8	2648.8	2578.8	2540.8
25°	3197.7	3141.8	3085.9	2957.5	2829.0	2691.7	2554.4	2480.8	2407.3	2371.4
27.5°	3263.0	3163.1	3063.1	2893.0	2722.9	2570.7	2418.5	2346.1	2273.8	2239.8
30°	3351.2	3202.2	3053.2	2843.8	2634.3	2475.8	2317.2	2250.1	2182.9	2151.3
32.5°	3455.2	3251.2	3047.2	2810.3	2573.3	2424.3	2275.3	2222.6	2169.8	2147.0
35°	3581.6	3331.9	3082.3	2835.4	2588.5	2485.0	2381.5	2369.2	2357.0	2355.1
37.5°	3794.4	3500.7	3207.0	2982.6	2758.1	2751.4	2744.7	2801.0	2857.2	2886.4
40°	4116.0	3796.6	3477.1	3310.2	3143.3	3261.1	3378.9	3515.7	3652.4	3720.5
42.5°	4542.5	4225.5	3908.6	3812.5	3716.3	3973.2	4230.2	4478.8	4727.5	4873.5
45°	5069.1	4784.4	4499.6	4457.2	4414.8	4826.4	5238.1	5646.6	6055.3	6303.4
47.5°	5727.7	5450.8	5173.7	5165.1	5156.5	5750.3	6344.0	6942.1	7540.2	7891.5
50°	6591.0	6248.9	5906.8	5908.3	5909.7	6675.0	7440.2	8229.8	9019.4	9496.8
52.5°	7581.9	7167.7	6753.5	6711.6	6669.7	7583.7	8497.8	9474.8	10451.6	11023.8
55°	8636.9	8227.7	7818.4	7655.1	7491.8	8509.2	9526.4	10691.1	11855.7	12536.2
57.5°	9596.5	9373.6	9150.7	8823.2	8495.8	9523.0	10550.2	11869.4	13188.4	14032.3
60°	10176.5	10522.6	10868.9	10462.2	10055.5	11027.6	11999.7	13412.1	14824.4	15736.5
62.5°	9882.0	10827.9	11773.7	11727.9	11682.0	12572.5	13463.1	14806.9	16150.5	16993.6
65°	9292.6	10180.3	11068.1	11243.8	11419.3	12551.0	13682.8	14985.8	16288.7	17006.5
67.5°	8502.8	9347.2	10191.5	10273.9	10356.2	11535.3	12714.4	14023.0	15331.5	15893.9
70°	7554.0	8472.4	9390.8	9427.6	9464.5	10519.0	11573.4	12699.5	13825.5	14138.1
72.5°	6423.3	7477.2	8531.2	8557.7	8584.1	9409.1	10234.1	11077.5	11920.8	11952.4
75°	4993.0	6083.8	7174.5	7272.5	7370.4	8012.3	8654.1	9247.8	9841.6	9682.5
77.5°	3567.4	4585.6	5603.9	5744.1	5884.2	6372.2	6860.1	7281.2	7702.3	7428.9
80°	2334.9	3191.5	4048.1	4222.3	4396.5	4765.0	5133.3	5354.5	5575.5	5135.7
82.5°	1357.2	1942.9	2528.6	2723.2	2917.8	3171.5	3425.1	3517.4	3609.5	3263.9
85°	597.1	908.0	1218.8	1384.3	1549.8	1758.3	1966.6	2019.0	2071.3	1794.5
87.5°	184.9	289.3	393.8	486.1	578.5	682.7	786.9	791.4	795.8	668.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2477.2	2.5°	2473.3	2469.4	2461.7	2453.9	2441.0	2428.0	2418.8	2409.7	2391.2	2372.7
2773.6	5°	2763.1	2752.7	2735.5	2718.3	2686.6	2655.0	2623.0	2591.1	2550.2	2509.4
3057.1	7.5°	3042.0	3026.8	2998.6	2970.5	2923.8	2877.1	2825.3	2773.4	2706.0	2638.6
3241.1	10°	3226.4	3211.6	3178.6	3145.4	3090.6	3035.9	2974.5	2913.1	2827.9	2742.7
3294.8	12.5°	3286.8	3278.7	3254.6	3230.5	3181.2	3131.7	3065.2	2998.6	2905.0	2811.5
3212.1	15°	3220.7	3229.3	3228.5	3227.6	3196.5	3165.4	3108.1	3050.7	2953.1	2855.5
3025.0	17.5°	3057.0	3088.9	3123.7	3158.6	3158.0	3157.4	3118.7	3079.9	2980.9	2882.0
2791.9	20°	2847.8	2903.8	2980.7	3057.5	3098.4	3139.2	3125.6	3112.1	3009.3	2906.4
2578.8	22.5°	2648.8	2718.8	2831.8	2944.9	3029.5	3114.1	3131.8	3149.5	3044.5	2939.3
2407.3	25°	2480.8	2554.4	2691.7	2829.0	2957.5	3085.9	3141.8	3197.7	3094.7	2991.8
2273.8	27.5°	2346.1	2418.5	2570.7	2722.9	2893.0	3063.1	3163.1	3263.0	3164.8	3066.6
2182.9	30°	2250.1	2317.2	2475.8	2634.3	2843.8	3053.2	3202.2	3351.2	3256.2	3161.4
2169.8	32.5°	2222.6	2275.3	2424.3	2573.3	2810.3	3047.2	3251.2	3455.2	3361.2	3267.3
2357.0	35°	2369.2	2381.5	2485.0	2588.5	2835.4	3082.3	3331.9	3581.6	3491.7	3401.6
2857.2	37.5°	2801.0	2744.7	2751.4	2758.1	2982.6	3207.0	3500.7	3794.4	3679.7	3565.0
3652.4	40°	3515.7	3378.9	3261.1	3143.3	3310.2	3477.1	3796.6	4116.0	3948.8	3781.7
4727.5	42.5°	4478.8	4230.2	3973.2	3716.3	3812.5	3908.6	4225.5	4542.5	4301.2	4059.9
6055.3	45°	5646.6	5238.1	4826.4	4414.8	4457.2	4499.6	4784.4	5069.1	4743.7	4418.2
7540.2	47.5°	6942.1	6344.0	5750.3	5156.5	5165.1	5173.7	5450.8	5727.7	5269.7	4811.6
9019.4	50°	8229.8	7440.2	6675.0	5909.7	5908.3	5906.8	6248.9	6591.0	5900.5	5209.8
10451.6	52.5°	9474.8	8497.8	7583.7	6669.7	6711.6	6753.5	7167.7	7581.9	6563.0	5544.1
11855.7	55°	10691.1	9526.4	8509.2	7491.8	7655.1	7818.4	8227.7	8636.9	7150.5	5664.1
13188.4	57.5°	11869.4	10550.2	9523.0	8495.8	8823.2	9150.7	9373.6	9596.5	7566.8	5537.1
14824.4	60°	13412.1	11999.7	11027.6	10055.5	10462.2	10868.9	10522.6	10176.5	7670.8	5165.1
16150.5	62.5°	14806.9	13463.1	12572.5	11682.0	11727.9	11773.7	10827.9	9882.0	7232.8	4583.6
16288.7	65°	14985.8	13682.8	12551.0	11419.3	11243.8	11068.1	10180.3	9292.6	6612.9	3933.3
15331.5	67.5°	14023.0	12714.4	11535.3	10356.2	10273.9	10191.5	9347.2	8502.8	5875.3	3247.7
13825.5	70°	12699.5	11573.4	10519.0	9464.5	9427.6	9390.8	8472.4	7554.0	5070.4	2586.8
11920.8	72.5°	11077.5	10234.1	9409.1	8584.1	8557.7	8531.2	7477.2	6423.3	4197.8	1972.4
9841.6	75°	9247.8	8654.1	8012.3	7370.4	7272.5	7174.5	6083.8	4993.0	3197.6	1402.2
7702.3	77.5°	7281.2	6860.1	6372.2	5884.2	5744.1	5603.9	4585.6	3567.4	2238.0	908.7
5575.5	80°	5354.5	5133.3	4765.0	4396.5	4222.3	4048.1	3191.5	2334.9	1441.9	549.0
3609.5	82.5°	3517.4	3425.1	3171.5	2917.8	2723.2	2528.6	1942.9	1357.2	834.5	311.9
2071.3	85°	2019.0	1966.6	1758.3	1549.8	1384.3	1218.8	908.0	597.1	375.4	153.7
795.8	87.5°	791.4	786.9	682.7	578.5	486.1	393.8	289.3	184.9	123.0	61.0
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: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2353.0	2.5°	2333.4	2313.6	2293.8	2274.9	2256.0	2237.7	2217.3	2200.8	2184.4	2169.5
2468.6	5°	2428.0	2387.0	2346.0	2307.8	2269.5	2233.4	2197.7	2166.6	2135.4	2109.2
2576.4	7.5°	2514.1	2453.5	2392.9	2339.5	2286.1	2236.8	2190.7	2149.2	2107.9	2073.5
2660.4	10°	2578.2	2504.6	2430.9	2367.8	2304.5	2243.7	2194.1	2150.4	2106.7	2072.3
2718.2	12.5°	2625.0	2538.2	2451.4	2379.9	2308.5	2244.6	2198.4	2162.6	2127.0	2104.2
2754.4	15°	2653.2	2553.2	2453.3	2370.5	2287.8	2217.1	2180.1	2163.0	2146.0	2149.0
2771.6	17.5°	2661.3	2545.3	2429.2	2329.7	2230.2	2147.0	2124.2	2130.5	2136.7	2174.2
2785.1	20°	2663.9	2523.2	2382.6	2259.3	2136.0	2039.1	2033.1	2062.3	2091.5	2156.6
2803.4	22.5°	2667.3	2496.2	2325.1	2176.6	2028.2	1917.8	1929.6	1972.9	2016.1	2090.4
2836.4	25°	2680.9	2469.6	2258.3	2084.4	1910.5	1797.5	1829.3	1879.1	1929.0	1995.8
2888.0	27.5°	2709.3	2451.8	2194.3	2000.0	1805.8	1702.9	1741.6	1789.7	1837.9	1892.8
2954.8	30°	2748.2	2443.4	2138.6	1929.5	1720.5	1634.1	1664.4	1702.6	1741.0	1786.5
3024.5	32.5°	2781.7	2433.1	2084.4	1868.7	1653.0	1583.4	1596.9	1619.5	1642.1	1678.5
3104.0	35°	2806.3	2413.7	2021.3	1809.0	1596.7	1538.7	1533.1	1539.3	1545.5	1573.3
3193.0	37.5°	2820.9	2380.4	1939.9	1738.7	1537.4	1486.6	1466.2	1459.3	1452.4	1472.4
3305.9	40°	2830.1	2334.6	1839.2	1654.7	1470.3	1424.3	1392.9	1377.4	1361.8	1376.1
3453.7	42.5°	2847.6	2287.3	1727.2	1562.1	1397.0	1354.7	1315.1	1294.5	1273.8	1285.5
3648.2	45°	2878.3	2243.4	1608.6	1463.8	1319.0	1276.0	1237.7	1217.6	1197.6	1207.4
3855.5	47.5°	2899.3	2207.1	1514.8	1386.0	1257.1	1201.6	1168.7	1151.8	1135.0	1144.3
4047.7	50°	2885.6	2167.5	1449.5	1334.3	1219.1	1146.1	1107.9	1092.9	1078.0	1092.5
4172.6	52.5°	2800.9	2100.7	1400.7	1300.2	1199.9	1116.1	1062.6	1047.8	1033.1	1054.8
4145.0	55°	2625.9	1990.0	1354.1	1275.5	1197.0	1119.1	1038.5	1015.1	991.8	1022.7
3951.4	57.5°	2365.8	1833.8	1301.8	1246.3	1190.9	1122.1	1024.1	990.0	956.0	989.1
3591.1	60°	2017.0	1631.1	1245.2	1201.6	1158.0	1112.6	1010.5	966.4	922.2	951.3
3103.8	62.5°	1624.0	1388.4	1152.9	1123.9	1095.0	1089.4	994.6	939.4	884.3	902.8
2606.6	65°	1280.1	1170.1	1060.2	1046.5	1032.8	1033.5	961.3	902.6	843.9	851.1
2119.6	67.5°	991.5	960.3	929.0	936.7	944.3	942.4	901.8	852.9	804.1	801.9
1668.9	70°	751.1	760.0	768.9	804.3	839.6	839.6	826.3	791.6	756.8	749.1
1275.9	72.5°	579.3	606.3	633.3	683.5	733.6	742.0	742.2	718.4	694.6	683.2
926.0	75°	449.9	474.3	498.7	554.9	611.2	650.0	646.8	628.4	610.0	599.2
627.5	77.5°	346.3	362.9	379.6	434.2	488.8	552.9	551.1	536.4	521.7	510.7
404.3	80°	259.7	266.5	273.4	319.7	365.9	442.4	442.1	429.8	417.4	408.2
248.7	82.5°	185.6	186.8	188.1	222.2	256.2	321.6	325.2	319.2	313.1	306.6
132.9	85°	112.2	111.6	110.9	135.9	160.8	209.4	214.1	207.6	201.2	193.9
55.1	87.5°	49.2	48.6	48.0	58.1	68.4	88.6	94.6	92.0	89.4	88.0
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: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2154.7	2.5°	2141.7	2128.8	2115.7	2102.7	2092.6	2082.5	2074.3	2066.2	2059.8	2053.4
2083.2	5°	2060.1	2037.1	2016.2	1995.2	1979.1	1963.0	1951.7	1940.5	1932.5	1924.5
2039.1	7.5°	2010.1	1981.0	1955.4	1929.9	1910.7	1891.6	1878.2	1864.8	1855.6	1846.5
2038.0	10°	2006.7	1975.4	1946.6	1917.8	1895.0	1872.0	1857.0	1841.9	1833.2	1824.5
2081.5	12.5°	2056.9	2032.5	2002.6	1972.9	1943.6	1914.4	1895.1	1875.7	1866.0	1856.4
2152.1	15°	2145.8	2139.4	2113.5	2087.7	2046.0	2004.4	1975.0	1945.6	1932.1	1918.7
2211.6	17.5°	2231.6	2251.5	2230.6	2209.7	2154.6	2099.5	2056.2	2012.8	1992.9	1972.9
2221.8	20°	2263.5	2305.2	2295.6	2285.8	2222.8	2159.9	2106.7	2053.7	2028.2	2002.5
2164.9	22.5°	2219.1	2273.4	2279.2	2285.0	2224.8	2164.6	2109.9	2055.2	2028.2	2001.2
2062.7	25°	2116.1	2169.5	2189.5	2209.3	2160.0	2110.7	2062.0	2013.5	1990.1	1966.8
1947.7	27.5°	1990.5	2033.3	2055.5	2077.8	2042.6	2007.5	1969.8	1932.0	1916.4	1900.6
1832.1	30°	1867.6	1903.2	1921.3	1939.3	1912.6	1885.8	1858.8	1831.6	1823.6	1815.5
1714.9	32.5°	1749.0	1783.1	1803.1	1823.3	1798.7	1774.0	1752.4	1730.8	1725.6	1720.3
1601.0	35°	1634.7	1668.5	1692.6	1716.6	1699.1	1681.6	1661.7	1641.8	1633.8	1625.9
1492.2	37.5°	1525.8	1559.5	1589.3	1619.0	1611.0	1602.9	1584.6	1566.2	1551.6	1537.2
1390.5	40°	1423.0	1455.5	1489.7	1524.0	1526.0	1527.9	1512.3	1496.8	1475.6	1454.7
1297.3	42.5°	1328.1	1359.0	1395.9	1432.9	1442.8	1452.7	1439.5	1426.4	1400.2	1374.0
1217.3	45°	1246.6	1275.8	1314.2	1352.5	1366.7	1380.9	1369.0	1357.2	1327.2	1297.3
1153.5	47.5°	1182.1	1210.6	1248.5	1286.3	1302.6	1319.0	1310.7	1302.5	1275.8	1249.2
1107.0	50°	1134.0	1160.9	1194.8	1228.7	1249.7	1270.6	1270.1	1269.8	1248.5	1227.1
1076.5	52.5°	1101.3	1125.9	1157.5	1189.1	1214.0	1238.8	1243.3	1247.8	1230.4	1213.0
1053.5	55°	1080.1	1106.8	1134.5	1162.1	1188.4	1214.8	1221.0	1227.1	1212.0	1196.9
1022.3	57.5°	1053.6	1084.9	1112.3	1139.7	1166.3	1192.7	1199.0	1205.3	1190.0	1174.7
980.4	60°	1016.3	1052.3	1080.0	1107.9	1134.5	1161.2	1168.1	1175.0	1160.0	1145.1
921.3	62.5°	963.2	1005.1	1034.8	1064.5	1088.9	1113.3	1119.9	1126.5	1113.0	1099.5
858.1	65°	903.0	948.0	976.3	1004.7	1026.2	1047.7	1054.5	1061.2	1048.2	1035.2
799.6	67.5°	841.1	882.6	909.5	936.3	954.9	973.5	980.1	986.6	974.7	962.8
741.3	70°	777.8	814.3	837.5	860.7	877.5	894.2	900.6	906.9	897.2	887.5
672.0	72.5°	700.7	729.3	750.3	771.3	787.7	804.1	811.7	819.2	811.2	803.1
588.3	75°	609.6	630.9	649.9	668.9	683.9	698.9	706.8	714.7	710.7	706.8
499.7	77.5°	517.1	534.4	550.7	567.1	582.8	598.4	605.8	613.2	607.7	602.0
399.0	80°	413.4	427.8	441.5	455.3	467.2	479.1	488.9	498.7	496.3	494.0
300.1	82.5°	298.9	297.7	292.9	288.0	313.5	338.9	355.6	372.3	371.3	370.2
186.6	85°	180.4	174.1	160.8	147.5	171.3	195.2	215.8	236.5	234.7	233.0
86.7	87.5°	86.4	86.2	76.0	65.8	75.8	85.8	94.2	102.5	100.4	98.2
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: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2047.6	2.5°	2041.7	2034.3	2041.7	2047.6	2053.4	2059.8	2066.2	2074.3	2082.5	2092.6
1918.4	5°	1912.2	1906.2	1912.2	1918.4	1924.5	1932.5	1940.5	1951.7	1963.0	1979.1
1841.0	7.5°	1835.6	1831.4	1835.6	1841.0	1846.5	1855.6	1864.8	1878.2	1891.6	1910.7
1819.9	10°	1815.3	1813.4	1815.3	1819.9	1824.5	1833.2	1841.9	1857.0	1872.0	1895.0
1852.4	12.5°	1848.5	1847.8	1848.5	1852.4	1856.4	1866.0	1875.7	1895.1	1914.4	1943.6
1913.5	15°	1908.4	1908.0	1908.4	1913.5	1918.7	1932.1	1945.6	1975.0	2004.4	2046.0
1966.3	17.5°	1959.7	1958.7	1959.7	1966.3	1972.9	1992.9	2012.8	2056.2	2099.5	2154.6
1994.4	20°	1986.2	1983.6	1986.2	1994.4	2002.5	2028.2	2053.7	2106.7	2159.9	2222.8
1992.2	22.5°	1983.2	1979.3	1983.2	1992.2	2001.2	2028.2	2055.2	2109.9	2164.6	2224.8
1958.3	25°	1949.9	1944.9	1949.9	1958.3	1966.8	1990.1	2013.5	2062.0	2110.7	2160.0
1896.8	27.5°	1892.9	1891.6	1892.9	1896.8	1900.6	1916.4	1932.0	1969.8	2007.5	2042.6
1815.5	30°	1815.5	1816.8	1815.5	1815.5	1815.5	1823.6	1831.6	1858.8	1885.8	1912.6
1721.0	32.5°	1721.8	1723.1	1721.8	1721.0	1720.3	1725.6	1730.8	1752.4	1774.0	1798.7
1624.2	35°	1622.5	1621.6	1622.5	1624.2	1625.9	1633.8	1641.8	1661.7	1681.6	1699.1
1529.5	37.5°	1521.9	1517.6	1521.9	1529.5	1537.2	1551.6	1566.2	1584.6	1602.9	1611.0
1440.4	40°	1426.3	1417.9	1426.3	1440.4	1454.7	1475.6	1496.8	1512.3	1527.9	1526.0
1353.3	42.5°	1332.6	1319.0	1332.6	1353.3	1374.0	1400.2	1426.4	1439.5	1452.7	1442.8
1273.0	45°	1248.6	1233.0	1248.6	1273.0	1297.3	1327.2	1357.2	1369.0	1380.9	1366.7
1226.6	47.5°	1204.2	1189.1	1204.2	1226.6	1249.2	1275.8	1302.5	1310.7	1319.0	1302.6
1206.3	50°	1185.5	1171.1	1185.5	1206.3	1227.1	1248.5	1269.8	1270.1	1270.6	1249.7
1194.4	52.5°	1175.8	1162.5	1175.8	1194.4	1213.0	1230.4	1247.8	1243.3	1238.8	1214.0
1180.5	55°	1164.2	1152.2	1164.2	1180.5	1196.9	1212.0	1227.1	1221.0	1214.8	1188.4
1158.5	57.5°	1142.3	1129.8	1142.3	1158.5	1174.7	1190.0	1205.3	1199.0	1192.7	1166.3
1128.4	60°	1111.8	1098.9	1111.8	1128.4	1145.1	1160.0	1175.0	1168.1	1161.2	1134.5
1082.0	62.5°	1064.5	1049.0	1064.5	1082.0	1099.5	1113.0	1126.5	1119.9	1113.3	1088.9
1018.2	65°	1001.3	987.9	1001.3	1018.2	1035.2	1048.2	1061.2	1054.5	1047.7	1026.2
947.0	67.5°	931.2	919.2	931.2	947.0	962.8	974.7	986.6	980.1	973.5	954.9
872.4	70°	857.2	843.5	857.2	872.4	887.5	897.2	906.9	900.6	894.2	877.5
788.6	72.5°	774.3	760.9	774.3	788.6	803.1	811.2	819.2	811.7	804.1	787.7
694.7	75°	682.5	669.8	682.5	694.7	706.8	710.7	714.7	706.8	698.9	683.9
589.8	77.5°	577.6	567.5	577.6	589.8	602.0	607.7	613.2	605.8	598.4	582.8
477.5	80°	461.0	441.9	461.0	477.5	494.0	496.3	498.7	488.9	479.1	467.2
356.3	82.5°	342.4	330.2	342.4	356.3	370.2	371.3	372.3	355.6	338.9	313.5
222.2	85°	211.3	200.3	211.3	222.2	233.0	234.7	236.5	215.8	195.2	171.3
92.7	87.5°	87.0	81.7	87.0	92.7	98.2	100.4	102.5	94.2	85.8	75.8
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: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2102.7	2.5°	2115.7	2128.8	2141.7	2154.7	2169.5	2184.4	2200.8	2217.3	2237.7	2256.0
1995.2	5°	2016.2	2037.1	2060.1	2083.2	2109.2	2135.4	2166.6	2197.7	2233.4	2269.5
1929.9	7.5°	1955.4	1981.0	2010.1	2039.1	2073.5	2107.9	2149.2	2190.7	2236.8	2286.1
1917.8	10°	1946.6	1975.4	2006.7	2038.0	2072.3	2106.7	2150.4	2194.1	2243.7	2304.5
1972.9	12.5°	2002.6	2032.5	2056.9	2081.5	2104.2	2127.0	2162.6	2198.4	2244.6	2308.5
2087.7	15°	2113.5	2139.4	2145.8	2152.1	2149.0	2146.0	2163.0	2180.1	2217.1	2287.8
2209.7	17.5°	2230.6	2251.5	2231.6	2211.6	2174.2	2136.7	2130.5	2124.2	2147.0	2230.2
2285.8	20°	2295.6	2305.2	2263.5	2221.8	2156.6	2091.5	2062.3	2033.1	2039.1	2136.0
2285.0	22.5°	2279.2	2273.4	2219.1	2164.9	2090.4	2016.1	1972.9	1929.6	1917.8	2028.2
2209.3	25°	2189.5	2169.5	2116.1	2062.7	1995.8	1929.0	1879.1	1829.3	1797.5	1910.5
2077.8	27.5°	2055.5	2033.3	1990.5	1947.7	1892.8	1837.9	1789.7	1741.6	1702.9	1805.8
1939.3	30°	1921.3	1903.2	1867.6	1832.1	1786.5	1741.0	1702.6	1664.4	1634.1	1720.5
1823.3	32.5°	1803.1	1783.1	1749.0	1714.9	1678.5	1642.1	1619.5	1596.9	1583.4	1653.0
1716.6	35°	1692.6	1668.5	1634.7	1601.0	1573.3	1545.5	1539.3	1533.1	1538.7	1596.7
1619.0	37.5°	1589.3	1559.5	1525.8	1492.2	1472.4	1452.4	1459.3	1466.2	1486.6	1537.4
1524.0	40°	1489.7	1455.5	1423.0	1390.5	1376.1	1361.8	1377.4	1392.9	1424.3	1470.3
1432.9	42.5°	1395.9	1359.0	1328.1	1297.3	1285.5	1273.8	1294.5	1315.1	1354.7	1397.0
1352.5	45°	1314.2	1275.8	1246.6	1217.3	1207.4	1197.6	1217.6	1237.7	1276.0	1319.0
1286.3	47.5°	1248.5	1210.6	1182.1	1153.5	1144.3	1135.0	1151.8	1168.7	1201.6	1257.1
1228.7	50°	1194.8	1160.9	1134.0	1107.0	1092.5	1078.0	1092.9	1107.9	1146.1	1219.1
1189.1	52.5°	1157.5	1125.9	1101.3	1076.5	1054.8	1033.1	1047.8	1062.6	1116.1	1199.9
1162.1	55°	1134.5	1106.8	1080.1	1053.5	1022.7	991.8	1015.1	1038.5	1119.1	1197.0
1139.7	57.5°	1112.3	1084.9	1053.6	1022.3	989.1	956.0	990.0	1024.1	1122.1	1190.9
1107.9	60°	1080.0	1052.3	1016.3	980.4	951.3	922.2	966.4	1010.5	1112.6	1158.0
1064.5	62.5°	1034.8	1005.1	963.2	921.3	902.8	884.3	939.4	994.6	1089.4	1095.0
1004.7	65°	976.3	948.0	903.0	858.1	851.1	843.9	902.6	961.3	1033.5	1032.8
936.3	67.5°	909.5	882.6	841.1	799.6	801.9	804.1	852.9	901.8	942.4	944.3
860.7	70°	837.5	814.3	777.8	741.3	749.1	756.8	791.6	826.3	839.6	839.6
771.3	72.5°	750.3	729.3	700.7	672.0	683.2	694.6	718.4	742.2	742.0	733.6
668.9	75°	649.9	630.9	609.6	588.3	599.2	610.0	628.4	646.8	650.0	611.2
567.1	77.5°	550.7	534.4	517.1	499.7	510.7	521.7	536.4	551.1	552.9	488.8
455.3	80°	441.5	427.8	413.4	399.0	408.2	417.4	429.8	442.1	442.4	365.9
288.0	82.5°	292.9	297.7	298.9	300.1	306.6	313.1	319.2	325.2	321.6	256.2
147.5	85°	160.8	174.1	180.4	186.6	193.9	201.2	207.6	214.1	209.4	160.8
65.8	87.5°	76.0	86.2	86.4	86.7	88.0	89.4	92.0	94.6	88.6	68.4
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: P949796
 CATALOG NUMBER: GALN-SB4B-940-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
2240.7	0°	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7	2240.7
2274.9	2.5°	2293.8	2313.6	2333.4	2353.0	2372.7	2391.2	2409.7
2307.8	5°	2346.0	2387.0	2428.0	2468.6	2509.4	2550.2	2591.1
2339.5	7.5°	2392.9	2453.5	2514.1	2576.4	2638.6	2706.0	2773.4
2367.8	10°	2430.9	2504.6	2578.2	2660.4	2742.7	2827.9	2913.1
2379.9	12.5°	2451.4	2538.2	2625.0	2718.2	2811.5	2905.0	2998.6
2370.5	15°	2453.3	2553.2	2653.2	2754.4	2855.5	2953.1	3050.7
2329.7	17.5°	2429.2	2545.3	2661.3	2771.6	2882.0	2980.9	3079.9
2259.3	20°	2382.6	2523.2	2663.9	2785.1	2906.4	3009.3	3112.1
2176.6	22.5°	2325.1	2496.2	2667.3	2803.4	2939.3	3044.5	3149.5
2084.4	25°	2258.3	2469.6	2680.9	2836.4	2991.8	3094.7	3197.7
2000.0	27.5°	2194.3	2451.8	2709.3	2888.0	3066.6	3164.8	3263.0
1929.5	30°	2138.6	2443.4	2748.2	2954.8	3161.4	3256.2	3351.2
1868.7	32.5°	2084.4	2433.1	2781.7	3024.5	3267.3	3361.2	3455.2
1809.0	35°	2021.3	2413.7	2806.3	3104.0	3401.6	3491.7	3581.6
1738.7	37.5°	1939.9	2380.4	2820.9	3193.0	3565.0	3679.7	3794.4
1654.7	40°	1839.2	2334.6	2830.1	3305.9	3781.7	3948.8	4116.0
1562.1	42.5°	1727.2	2287.3	2847.6	3453.7	4059.9	4301.2	4542.5
1463.8	45°	1608.6	2243.4	2878.3	3648.2	4418.2	4743.7	5069.1
1386.0	47.5°	1514.8	2207.1	2899.3	3855.5	4811.6	5269.7	5727.7
1334.3	50°	1449.5	2167.5	2885.6	4047.7	5209.8	5900.5	6591.0
1300.2	52.5°	1400.7	2100.7	2800.9	4172.6	5544.1	6563.0	7581.9
1275.5	55°	1354.1	1990.0	2625.9	4145.0	5664.1	7150.5	8636.9
1246.3	57.5°	1301.8	1833.8	2365.8	3951.4	5537.1	7566.8	9596.5
1201.6	60°	1245.2	1631.1	2017.0	3591.1	5165.1	7670.8	10176.5
1123.9	62.5°	1152.9	1388.4	1624.0	3103.8	4583.6	7232.8	9882.0
1046.5	65°	1060.2	1170.1	1280.1	2606.6	3933.3	6612.9	9292.6
936.7	67.5°	929.0	960.3	991.5	2119.6	3247.7	5875.3	8502.8
804.3	70°	768.9	760.0	751.1	1668.9	2586.8	5070.4	7554.0
683.5	72.5°	633.3	606.3	579.3	1275.9	1972.4	4197.8	6423.3
554.9	75°	498.7	474.3	449.9	926.0	1402.2	3197.6	4993.0
434.2	77.5°	379.6	362.9	346.3	627.5	908.7	2238.0	3567.4
319.7	80°	273.4	266.5	259.7	404.3	549.0	1441.9	2334.9
222.2	82.5°	188.1	186.8	185.6	248.7	311.9	834.5	1357.2
135.9	85°	110.9	111.6	112.2	132.9	153.7	375.4	597.1
58.1	87.5°	48.0	48.6	49.2	55.1	61.0	123.0	184.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)