

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: P950090

Luminaire Tested: **GALN-SB4C-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950090
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-SB4C-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18204 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

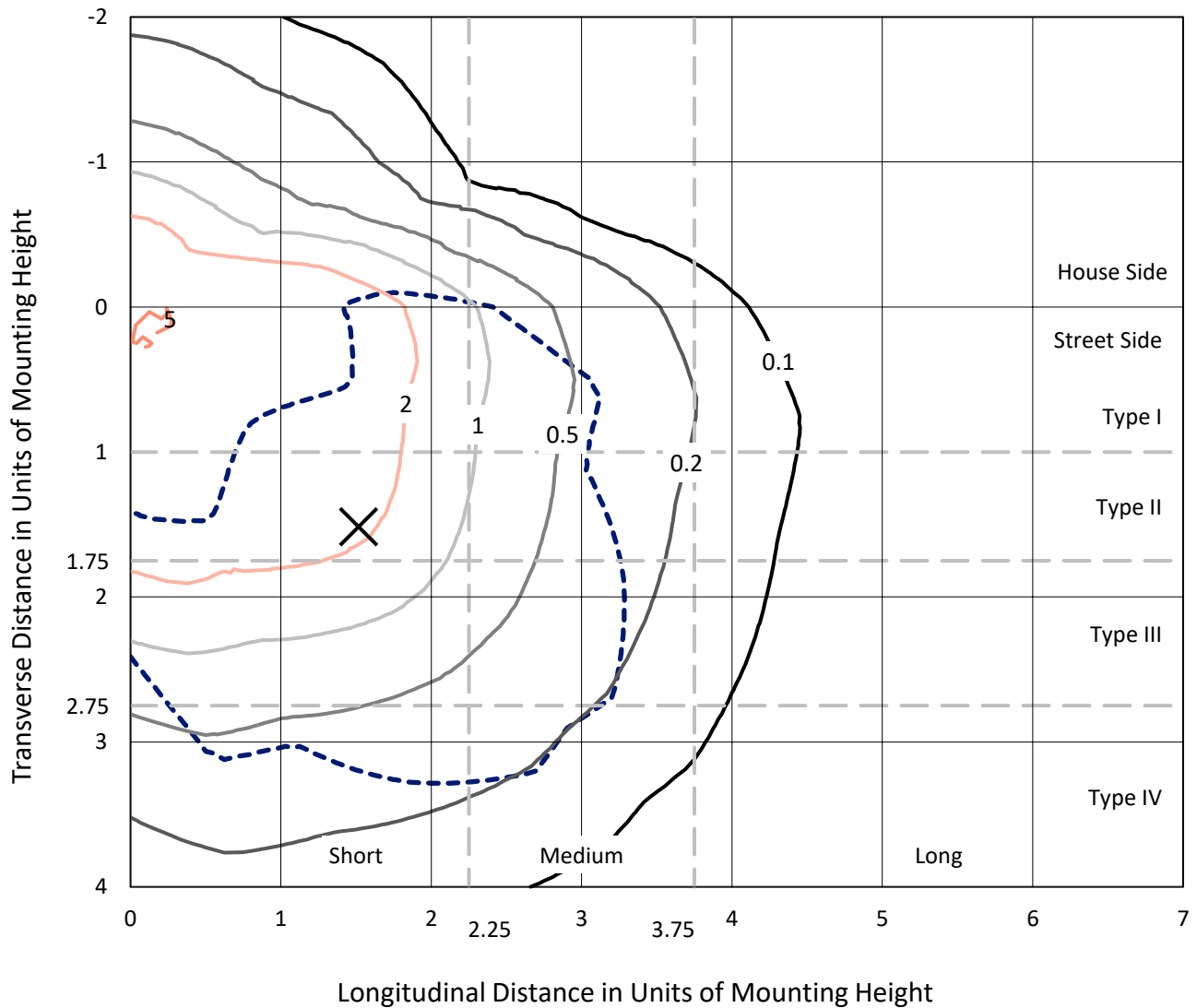
Input Watts (W): 200.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

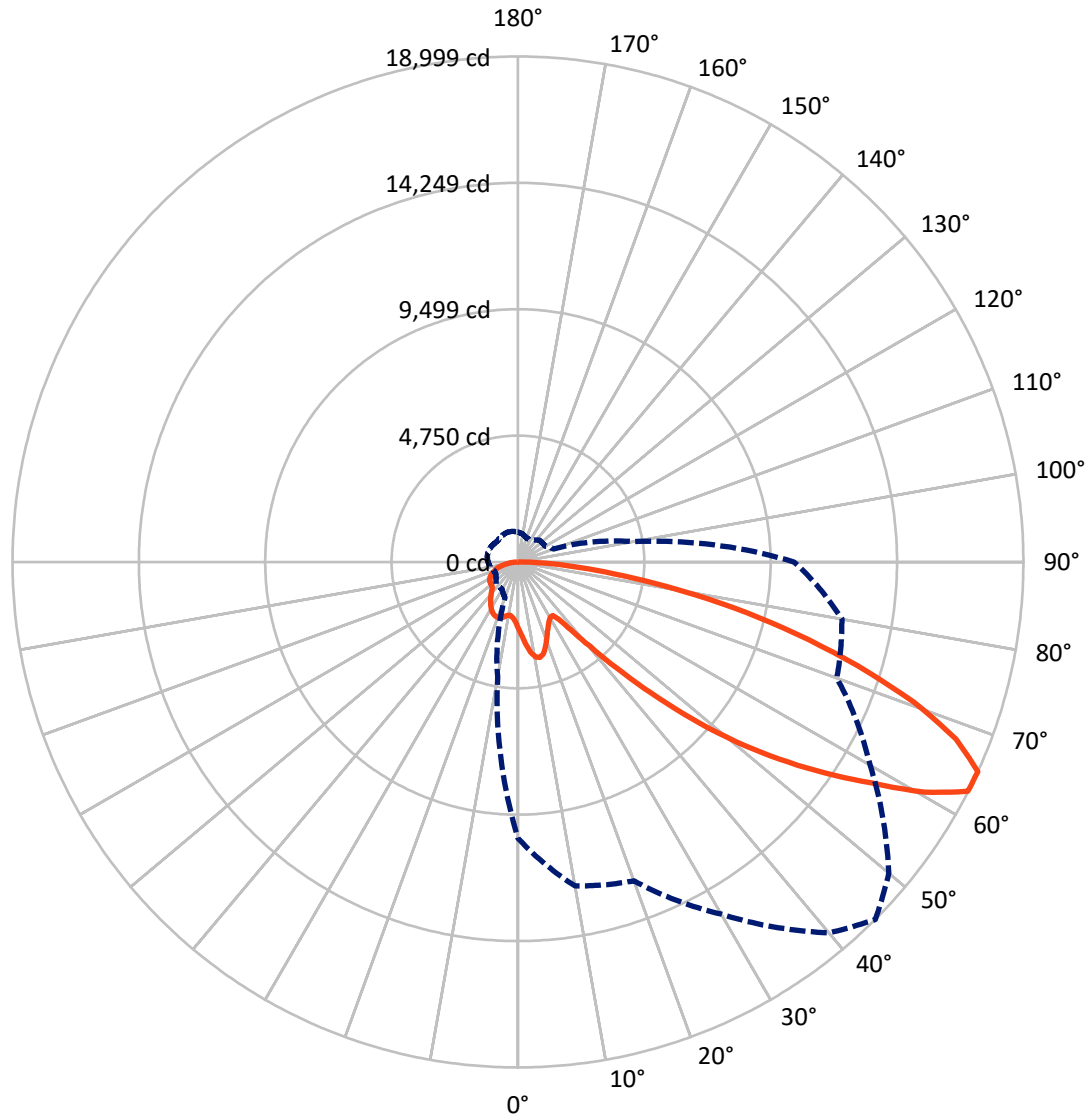
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P950090
CATALOG NUMBER: GALN-SB4C-927-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4626.5	0.0	4626.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	13577.5	0.0	13577.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	18204.0	0.0	18204.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.3	1.4
10°-20°	779.5	4.3
20°-30°	1204.1	6.6
30°-40°	1525.9	8.4
40°-50°	2301.4	12.6
50°-60°	3718.3	20.4
60°-70°	4635.4	25.5
70°-80°	3039.7	16.7
80°-90°	751.5	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°	18204.0	100.0
0°-180°	18204.0	100.0



REPORT NUMBER: P950090

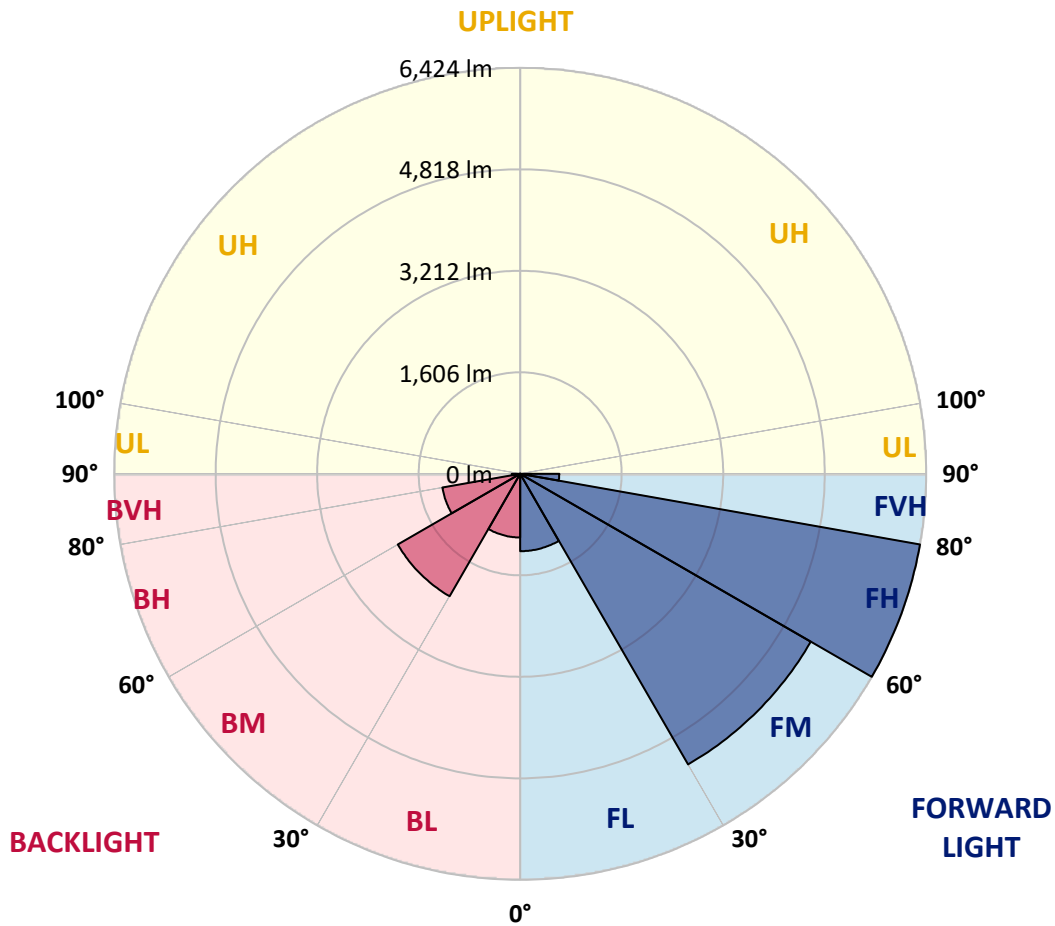
CATALOG NUMBER: GALN-SB4C-927-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1224.4	6.7			
FM (30°-60°)	5309.7	29.2			
FH (60°-80°)	6424.3	35.3			G3/7500
FVH (80°-90°)	619.1	3.4			G4/750
BL (0°-30°)	1007.5	5.5	B3/2500		
BM (30°-60°)	2235.8	12.3	B2/2500		
BH (60°-80°)	1250.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	132.4	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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2.5°	2692.0	2702.1	2712.4	2726.9	2741.4	2750.1	2758.7	2763.0	2767.4	2765.4
5°	2894.6	2930.3	2966.0	3001.4	3036.8	3056.0	3075.2	3086.8	3098.6	3107.4
7.5°	3098.3	3156.3	3214.2	3266.4	3318.5	3349.9	3381.3	3398.3	3415.3	3423.4
10°	3254.4	3322.9	3391.5	3452.7	3513.9	3551.0	3587.9	3604.4	3620.8	3627.1
12.5°	3349.9	3424.3	3498.5	3553.9	3609.0	3635.9	3662.8	3671.8	3680.8	3681.8
15°	3408.0	3472.2	3536.3	3571.0	3605.7	3606.7	3607.7	3598.0	3588.4	3577.1
17.5°	3440.7	3484.0	3527.4	3528.0	3528.6	3489.7	3450.8	3415.2	3379.4	3354.3
20°	3476.7	3491.8	3507.0	3461.4	3415.7	3329.9	3244.0	3181.5	3118.9	3080.5
22.5°	3518.5	3498.7	3478.9	3384.4	3289.9	3163.6	3037.3	2959.1	2880.9	2838.4
25°	3572.3	3509.9	3447.4	3303.9	3160.4	3007.0	2853.6	2771.4	2689.4	2649.2
27.5°	3645.3	3533.7	3422.0	3231.9	3041.9	2871.9	2701.8	2621.0	2540.2	2502.2
30°	3743.8	3577.3	3410.9	3176.9	2942.9	2765.8	2588.7	2513.7	2438.7	2403.3
32.5°	3860.0	3632.1	3404.2	3139.5	2874.7	2708.3	2541.8	2482.9	2424.0	2398.5
35°	4001.2	3722.2	3443.4	3167.5	2891.8	2776.1	2660.5	2646.8	2633.1	2631.0
37.5°	4238.9	3910.8	3582.7	3332.0	3081.3	3073.8	3066.3	3129.1	3191.9	3224.6
40°	4598.2	4241.3	3884.5	3698.0	3511.6	3643.2	3774.8	3927.5	4080.2	4156.3
42.5°	5074.6	4720.6	4366.5	4259.1	4151.7	4438.7	4725.7	5003.5	5281.3	5444.4
45°	5663.0	5344.9	5026.8	4979.4	4932.0	5391.8	5851.7	6308.2	6764.7	7041.8
47.5°	6398.7	6089.3	5779.9	5770.2	5760.6	6424.0	7087.2	7755.4	8423.6	8816.0
50°	7363.1	6980.9	6598.8	6600.5	6602.1	7457.0	8311.9	9194.0	10076.0	10609.3
52.5°	8470.2	8007.4	7544.7	7497.9	7451.0	8472.2	9493.4	10584.7	11676.0	12315.3
55°	9648.8	9191.6	8734.3	8551.9	8369.5	9506.0	10642.5	11943.5	13244.6	14004.9
57.5°	10720.8	10471.8	10222.7	9856.8	9491.1	10638.6	11786.2	13259.9	14733.5	15676.3
60°	11368.7	11755.4	12142.2	11687.8	11233.5	12319.5	13405.5	14983.3	16561.1	17580.1
62.5°	11039.7	12096.4	13153.1	13101.9	13050.6	14045.4	15040.4	16541.5	18042.6	18984.4
65°	10381.2	11373.0	12364.7	12561.0	12757.1	14021.4	15285.8	16741.4	18196.9	18998.8
67.5°	9498.9	10442.2	11385.5	11477.5	11569.4	12886.7	14203.9	15665.8	17127.7	17755.9
70°	8439.0	9464.9	10491.0	10532.1	10573.3	11751.3	12929.3	14187.3	15445.2	15794.4
72.5°	7175.8	8353.2	9530.6	9560.2	9589.7	10511.4	11433.0	12375.2	13317.3	13352.7
75°	5577.9	6796.5	8015.1	8124.5	8233.9	8950.9	9668.0	10331.3	10994.5	10816.8
77.5°	3985.3	5122.8	6260.4	6417.0	6573.6	7118.7	7663.8	8134.2	8604.7	8299.2
80°	2608.4	3565.4	4522.3	4716.9	4911.5	5323.2	5734.7	5981.8	6228.7	5737.4
82.5°	1516.2	2170.5	2824.8	3042.2	3259.6	3543.0	3826.4	3929.4	4032.4	3646.3
85°	667.1	1014.3	1361.6	1546.5	1731.4	1964.2	2197.0	2255.5	2314.0	2004.7
87.5°	206.5	323.2	439.9	543.1	646.3	762.7	879.1	884.1	889.0	746.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2767.4	2.5°	2763.0	2758.7	2750.1	2741.4	2726.9	2712.4	2702.1	2692.0	2671.3	2650.7
3098.6	5°	3086.8	3075.2	3056.0	3036.8	3001.4	2966.0	2930.3	2894.6	2849.0	2803.4
3415.3	7.5°	3398.3	3381.3	3349.9	3318.5	3266.4	3214.2	3156.3	3098.3	3023.0	2947.8
3620.8	10°	3604.4	3587.9	3551.0	3513.9	3452.7	3391.5	3322.9	3254.4	3159.2	3064.0
3680.8	12.5°	3671.8	3662.8	3635.9	3609.0	3553.9	3498.5	3424.3	3349.9	3245.3	3140.8
3588.4	15°	3598.0	3607.7	3606.7	3605.7	3571.0	3536.3	3472.2	3408.0	3299.0	3190.0
3379.4	17.5°	3415.2	3450.8	3489.7	3528.6	3528.0	3527.4	3484.0	3440.7	3330.1	3219.6
3118.9	20°	3181.5	3244.0	3329.9	3415.7	3461.4	3507.0	3491.8	3476.7	3361.8	3246.9
2880.9	22.5°	2959.1	3037.3	3163.6	3289.9	3384.4	3478.9	3498.7	3518.5	3401.1	3283.7
2689.4	25°	2771.4	2853.6	3007.0	3160.4	3303.9	3447.4	3509.9	3572.3	3457.2	3342.3
2540.2	27.5°	2621.0	2701.8	2871.9	3041.9	3231.9	3422.0	3533.7	3645.3	3535.6	3425.8
2438.7	30°	2513.7	2588.7	2765.8	2942.9	3176.9	3410.9	3577.3	3743.8	3637.7	3531.8
2424.0	32.5°	2482.9	2541.8	2708.3	2874.7	3139.5	3404.2	3632.1	3860.0	3755.0	3650.1
2633.1	35°	2646.8	2660.5	2776.1	2891.8	3167.5	3443.4	3722.2	4001.2	3900.7	3800.1
3191.9	37.5°	3129.1	3066.3	3073.8	3081.3	3332.0	3582.7	3910.8	4238.9	4110.8	3982.7
4080.2	40°	3927.5	3774.8	3643.2	3511.6	3698.0	3884.5	4241.3	4598.2	4411.4	4224.7
5281.3	42.5°	5003.5	4725.7	4438.7	4151.7	4259.1	4366.5	4720.6	5074.6	4805.1	4535.5
6764.7	45°	6308.2	5851.7	5391.8	4932.0	4979.4	5026.8	5344.9	5663.0	5299.4	4935.8
8423.6	47.5°	7755.4	7087.2	6424.0	5760.6	5770.2	5779.9	6089.3	6398.7	5887.1	5375.3
10076.0	50°	9194.0	8311.9	7457.0	6602.1	6600.5	6598.8	6980.9	7363.1	6591.7	5820.2
11676.0	52.5°	10584.7	9493.4	8472.2	7451.0	7497.9	7544.7	8007.4	8470.2	7331.9	6193.7
13244.6	55°	11943.5	10642.5	9506.0	8369.5	8551.9	8734.3	9191.6	9648.8	7988.2	6327.7
14733.5	57.5°	13259.9	11786.2	10638.6	9491.1	9856.8	10222.7	10471.8	10720.8	8453.3	6185.8
16561.1	60°	14983.3	13405.5	12319.5	11233.5	11687.8	12142.2	11755.4	11368.7	8569.5	5770.2
18042.6	62.5°	16541.5	15040.4	14045.4	13050.6	13101.9	13153.1	12096.4	11039.7	8080.1	5120.5
18196.9	65°	16741.4	15285.8	14021.4	12757.1	12561.0	12364.7	11373.0	10381.2	7387.6	4394.1
17127.7	67.5°	15665.8	14203.9	12886.7	11569.4	11477.5	11385.5	10442.2	9498.9	6563.6	3628.2
15445.2	70°	14187.3	12929.3	11751.3	10573.3	10532.1	10491.0	9464.9	8439.0	5664.4	2889.8
13317.3	72.5°	12375.2	11433.0	10511.4	9589.7	9560.2	9530.6	8353.2	7175.8	4689.6	2203.5
10994.5	75°	10331.3	9668.0	8950.9	8233.9	8124.5	8015.1	6796.5	5577.9	3572.2	1566.5
8604.7	77.5°	8134.2	7663.8	7118.7	6573.6	6417.0	6260.4	5122.8	3985.3	2500.2	1015.1
6228.7	80°	5981.8	5734.7	5323.2	4911.5	4716.9	4522.3	3565.4	2608.4	1610.9	613.3
4032.4	82.5°	3929.4	3826.4	3543.0	3259.6	3042.2	2824.8	2170.5	1516.2	932.3	348.5
2314.0	85°	2255.5	2197.0	1964.2	1731.4	1546.5	1361.6	1014.3	667.1	419.4	171.7
889.0	87.5°	884.1	879.1	762.7	646.3	543.1	439.9	323.2	206.5	137.4	68.2
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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2628.7	2.5°	2606.8	2584.7	2562.6	2541.4	2520.3	2499.8	2477.1	2458.6	2440.3	2423.7
2757.8	5°	2712.4	2666.6	2620.9	2578.1	2535.4	2495.0	2455.2	2420.4	2385.5	2356.3
2878.2	7.5°	2808.7	2740.9	2673.2	2613.6	2553.9	2498.9	2447.3	2401.0	2354.8	2316.4
2972.1	10°	2880.2	2798.0	2715.7	2645.2	2574.5	2506.6	2451.1	2402.3	2353.6	2315.1
3036.7	12.5°	2932.6	2835.6	2738.5	2658.7	2578.9	2507.5	2455.9	2416.0	2376.2	2350.7
3077.0	15°	2964.1	2852.4	2740.7	2648.3	2555.8	2476.8	2435.5	2416.4	2397.4	2400.8
3096.3	17.5°	2973.1	2843.4	2713.8	2602.6	2491.5	2398.5	2373.1	2380.1	2387.0	2428.9
3111.4	20°	2976.0	2818.8	2661.7	2524.0	2386.2	2278.0	2271.2	2303.9	2336.6	2409.3
3131.8	22.5°	2979.8	2788.7	2597.5	2431.6	2265.8	2142.5	2155.7	2204.0	2252.3	2335.3
3168.7	25°	2995.0	2758.9	2522.9	2328.6	2134.4	2008.0	2043.6	2099.3	2155.0	2229.6
3226.3	27.5°	3026.7	2739.0	2451.3	2234.3	2017.4	1902.4	1945.6	1999.4	2053.2	2114.6
3300.9	30°	3070.1	2729.7	2389.1	2155.6	1922.1	1825.5	1859.4	1902.1	1944.9	1995.8
3378.8	32.5°	3107.6	2718.2	2328.6	2087.7	1846.7	1768.9	1783.9	1809.2	1834.5	1875.1
3467.6	35°	3135.1	2696.5	2258.1	2020.9	1783.8	1718.9	1712.7	1719.6	1726.6	1757.6
3567.0	37.5°	3151.4	2659.3	2167.2	1942.3	1717.5	1660.8	1637.9	1630.3	1622.6	1644.9
3693.2	40°	3161.7	2608.1	2054.6	1848.6	1642.5	1591.2	1556.1	1538.7	1521.3	1537.4
3858.4	42.5°	3181.2	2555.3	1929.6	1745.1	1560.7	1513.4	1469.2	1446.1	1423.1	1436.1
4075.6	45°	3215.5	2506.2	1797.0	1635.2	1473.5	1425.5	1382.7	1360.2	1337.9	1348.8
4307.1	47.5°	3239.0	2465.6	1692.3	1548.3	1404.3	1342.4	1305.6	1286.8	1267.9	1278.3
4521.9	50°	3223.6	2421.5	1619.3	1490.6	1361.9	1280.4	1237.7	1221.0	1204.3	1220.5
4661.4	52.5°	3129.0	2346.8	1564.7	1452.6	1340.5	1246.8	1187.1	1170.5	1154.1	1178.4
4630.6	55°	2933.5	2223.1	1512.7	1425.0	1337.3	1250.2	1160.2	1134.0	1108.0	1142.5
4414.3	57.5°	2643.0	2048.7	1454.3	1392.3	1330.4	1253.5	1144.0	1106.0	1067.9	1105.0
4011.8	60°	2253.3	1822.2	1391.1	1342.4	1293.7	1243.0	1128.8	1079.6	1030.2	1062.8
3467.4	62.5°	1814.3	1551.1	1287.9	1255.5	1223.3	1217.0	1111.2	1049.5	987.9	1008.6
2912.0	65°	1430.1	1307.2	1184.4	1169.1	1153.8	1154.6	1073.9	1008.4	942.8	950.8
2368.0	67.5°	1107.7	1072.8	1037.9	1046.4	1054.9	1052.8	1007.4	952.9	898.3	895.8
1864.4	70°	839.0	849.0	858.9	898.5	938.0	938.0	923.1	884.3	845.5	836.8
1425.4	72.5°	647.2	677.3	707.4	763.5	819.5	829.0	829.2	802.5	775.9	763.3
1034.5	75°	502.6	529.8	557.1	619.9	682.8	726.2	722.5	702.1	681.5	669.4
701.0	77.5°	386.9	405.5	424.1	485.1	546.1	617.6	615.7	599.3	582.9	570.6
451.7	80°	290.1	297.8	305.5	357.1	408.7	494.2	493.9	480.2	466.3	456.1
277.8	82.5°	207.3	208.6	210.2	248.2	286.2	359.2	363.3	356.6	349.8	342.5
148.5	85°	125.4	124.7	123.9	151.8	179.6	233.9	239.2	232.0	224.8	216.6
61.6	87.5°	54.9	54.3	53.6	64.9	76.4	98.9	105.7	102.8	99.9	98.4
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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2407.2	2.5°	2392.6	2378.1	2363.5	2349.0	2337.8	2326.5	2317.3	2308.2	2301.1	2294.0
2327.2	5°	2301.5	2275.7	2252.4	2229.0	2211.0	2192.9	2180.4	2167.8	2158.8	2149.9
2278.0	7.5°	2245.6	2213.1	2184.5	2156.0	2134.5	2113.2	2098.2	2083.3	2073.0	2062.8
2276.7	10°	2241.8	2206.9	2174.7	2142.5	2117.0	2091.3	2074.6	2057.7	2048.0	2038.3
2325.3	12.5°	2297.8	2270.6	2237.2	2204.0	2171.3	2138.7	2117.1	2095.5	2084.6	2073.8
2404.3	15°	2397.2	2390.1	2361.1	2332.2	2285.7	2239.2	2206.4	2173.5	2158.5	2143.5
2470.7	17.5°	2493.0	2515.2	2491.9	2468.6	2407.1	2345.5	2297.1	2248.7	2226.4	2204.0
2482.1	20°	2528.7	2575.2	2564.5	2553.6	2483.2	2412.9	2353.6	2294.3	2265.8	2237.1
2418.5	22.5°	2479.1	2539.7	2546.2	2552.7	2485.4	2418.2	2357.1	2295.9	2265.9	2235.7
2304.4	25°	2364.0	2423.7	2446.0	2468.1	2413.0	2358.0	2303.6	2249.4	2223.3	2197.3
2175.8	27.5°	2223.7	2271.5	2296.3	2321.2	2281.9	2242.7	2200.5	2158.4	2140.9	2123.3
2046.8	30°	2086.4	2126.2	2146.4	2166.5	2136.7	2106.7	2076.5	2046.2	2037.2	2028.2
1915.8	32.5°	1953.9	1992.0	2014.4	2036.9	2009.4	1981.8	1957.7	1933.6	1927.7	1921.9
1788.6	35°	1826.2	1864.0	1890.9	1917.7	1898.2	1878.7	1856.4	1834.2	1825.2	1816.4
1667.0	37.5°	1704.6	1742.3	1775.5	1808.7	1799.7	1790.7	1770.2	1749.7	1733.4	1717.3
1553.4	40°	1589.7	1626.0	1664.3	1702.6	1704.8	1706.9	1689.5	1672.1	1648.5	1625.1
1449.3	42.5°	1483.7	1518.2	1559.5	1600.8	1611.8	1622.9	1608.2	1593.6	1564.3	1535.0
1360.0	45°	1392.6	1425.3	1468.1	1511.0	1526.8	1542.7	1529.4	1516.2	1482.7	1449.3
1288.6	47.5°	1320.6	1352.5	1394.7	1437.0	1455.2	1473.5	1464.3	1455.0	1425.3	1395.5
1236.7	50°	1266.9	1296.9	1334.8	1372.6	1396.1	1419.5	1418.9	1418.5	1394.7	1370.9
1202.6	52.5°	1230.3	1257.8	1293.1	1328.4	1356.2	1384.0	1389.0	1394.0	1374.6	1355.2
1176.9	55°	1206.6	1236.4	1267.4	1298.2	1327.6	1357.1	1364.0	1370.9	1354.0	1337.1
1142.1	57.5°	1177.1	1212.0	1242.6	1273.2	1302.9	1332.5	1339.5	1346.5	1329.4	1312.3
1095.2	60°	1135.4	1175.5	1206.6	1237.7	1267.5	1297.2	1304.9	1312.6	1295.9	1279.3
1029.2	62.5°	1076.0	1122.9	1156.0	1189.2	1216.4	1243.7	1251.1	1258.5	1243.4	1228.4
958.6	65°	1008.8	1059.0	1090.7	1122.4	1146.4	1170.4	1178.0	1185.5	1171.0	1156.5
893.3	67.5°	939.6	986.0	1016.1	1046.0	1066.8	1087.5	1094.9	1102.2	1088.9	1075.6
828.2	70°	868.9	909.6	935.6	961.5	980.2	999.0	1006.1	1013.2	1002.3	991.5
750.7	72.5°	782.8	814.7	838.2	861.6	880.0	898.3	906.8	915.2	906.2	897.2
657.2	75°	681.0	704.9	726.1	747.3	764.0	780.7	789.6	798.4	794.0	789.6
558.3	77.5°	577.7	597.0	615.2	633.5	651.1	668.5	676.8	685.1	678.9	672.6
445.7	80°	461.8	477.9	493.2	508.6	522.0	535.2	546.2	557.1	554.4	551.8
335.2	82.5°	333.9	332.5	327.2	321.8	350.2	378.7	397.3	415.9	414.8	413.5
208.4	85°	201.5	194.5	179.6	164.7	191.3	218.0	241.1	264.2	262.2	260.3
96.8	87.5°	96.5	96.2	84.9	73.5	84.6	95.9	105.2	114.5	112.2	109.7
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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2287.5	2.5°	2280.8	2272.7	2280.8	2287.5	2294.0	2301.1	2308.2	2317.3	2326.5	2337.8
2143.1	5°	2136.3	2129.6	2136.3	2143.1	2149.9	2158.8	2167.8	2180.4	2192.9	2211.0
2056.6	7.5°	2050.6	2046.0	2050.6	2056.6	2062.8	2073.0	2083.3	2098.2	2113.2	2134.5
2033.1	10°	2027.9	2025.8	2027.9	2033.1	2038.3	2048.0	2057.7	2074.6	2091.3	2117.0
2069.4	12.5°	2065.0	2064.2	2065.0	2069.4	2073.8	2084.6	2095.5	2117.1	2138.7	2171.3
2137.7	15°	2132.0	2131.5	2132.0	2137.7	2143.5	2158.5	2173.5	2206.4	2239.2	2285.7
2196.7	17.5°	2189.3	2188.1	2189.3	2196.7	2204.0	2226.4	2248.7	2297.1	2345.5	2407.1
2228.0	20°	2218.9	2216.0	2218.9	2228.0	2237.1	2265.8	2294.3	2353.6	2412.9	2483.2
2225.6	22.5°	2215.5	2211.2	2215.5	2225.6	2235.7	2265.9	2295.9	2357.1	2418.2	2485.4
2187.8	25°	2178.3	2172.8	2178.3	2187.8	2197.3	2223.3	2249.4	2303.6	2358.0	2413.0
2119.0	27.5°	2114.7	2113.2	2114.7	2119.0	2123.3	2140.9	2158.4	2200.5	2242.7	2281.9
2028.2	30°	2028.2	2029.7	2028.2	2028.2	2028.2	2037.2	2046.2	2076.5	2106.7	2136.7
1922.6	32.5°	1923.5	1925.0	1923.5	1922.6	1921.9	1927.7	1933.6	1957.7	1981.8	2009.4
1814.5	35°	1812.6	1811.6	1812.6	1814.5	1816.4	1825.2	1834.2	1856.4	1878.7	1898.2
1708.7	37.5°	1700.2	1695.4	1700.2	1708.7	1717.3	1733.4	1749.7	1770.2	1790.7	1799.7
1609.1	40°	1593.4	1584.0	1593.4	1609.1	1625.1	1648.5	1672.1	1689.5	1706.9	1704.8
1511.8	42.5°	1488.7	1473.5	1488.7	1511.8	1535.0	1564.3	1593.6	1608.2	1622.9	1611.8
1422.1	45°	1394.9	1377.4	1394.9	1422.1	1449.3	1482.7	1516.2	1529.4	1542.7	1526.8
1370.3	47.5°	1345.3	1328.4	1345.3	1370.3	1395.5	1425.3	1455.0	1464.3	1473.5	1455.2
1347.7	50°	1324.4	1308.3	1324.4	1347.7	1370.9	1394.7	1418.5	1418.9	1419.5	1396.1
1334.3	52.5°	1313.6	1298.7	1313.6	1334.3	1355.2	1374.6	1394.0	1389.0	1384.0	1356.2
1318.8	55°	1300.6	1287.1	1300.6	1318.8	1337.1	1354.0	1370.9	1364.0	1357.1	1327.6
1294.3	57.5°	1276.1	1262.2	1276.1	1294.3	1312.3	1329.4	1346.5	1339.5	1332.5	1302.9
1260.6	60°	1242.0	1227.6	1242.0	1260.6	1279.3	1295.9	1312.6	1304.9	1297.2	1267.5
1208.8	62.5°	1189.2	1171.9	1189.2	1208.8	1228.4	1243.4	1258.5	1251.1	1243.7	1216.4
1137.5	65°	1118.6	1103.7	1118.6	1137.5	1156.5	1171.0	1185.5	1178.0	1170.4	1146.4
1058.0	67.5°	1040.3	1026.8	1040.3	1058.0	1075.6	1088.9	1102.2	1094.9	1087.5	1066.8
974.6	70°	957.7	942.3	957.7	974.6	991.5	1002.3	1013.2	1006.1	999.0	980.2
881.0	72.5°	865.0	850.1	865.0	881.0	897.2	906.2	915.2	906.8	898.3	880.0
776.0	75°	762.5	748.3	762.5	776.0	789.6	794.0	798.4	789.6	780.7	764.0
658.9	77.5°	645.3	634.0	645.3	658.9	672.6	678.9	685.1	676.8	668.5	651.1
533.5	80°	515.0	493.7	515.0	533.5	551.8	554.4	557.1	546.2	535.2	522.0
398.1	82.5°	382.5	368.9	382.5	398.1	413.5	414.8	415.9	397.3	378.7	350.2
248.2	85°	236.1	223.8	236.1	248.2	260.3	262.2	264.2	241.1	218.0	191.3
103.5	87.5°	97.2	91.3	97.2	103.5	109.7	112.2	114.5	105.2	95.9	84.6
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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2349.0	2.5°	2363.5	2378.1	2392.6	2407.2	2423.7	2440.3	2458.6	2477.1	2499.8	2520.3
2229.0	5°	2252.4	2275.7	2301.5	2327.2	2356.3	2385.5	2420.4	2455.2	2495.0	2535.4
2156.0	7.5°	2184.5	2213.1	2245.6	2278.0	2316.4	2354.8	2401.0	2447.3	2498.9	2553.9
2142.5	10°	2174.7	2206.9	2241.8	2276.7	2315.1	2353.6	2402.3	2451.1	2506.6	2574.5
2204.0	12.5°	2237.2	2270.6	2297.8	2325.3	2350.7	2376.2	2416.0	2455.9	2507.5	2578.9
2332.2	15°	2361.1	2390.1	2397.2	2404.3	2400.8	2397.4	2416.4	2435.5	2476.8	2555.8
2468.6	17.5°	2491.9	2515.2	2493.0	2470.7	2428.9	2387.0	2380.1	2373.1	2398.5	2491.5
2553.6	20°	2564.5	2575.2	2528.7	2482.1	2409.3	2336.6	2303.9	2271.2	2278.0	2386.2
2552.7	22.5°	2546.2	2539.7	2479.1	2418.5	2335.3	2252.3	2204.0	2155.7	2142.5	2265.8
2468.1	25°	2446.0	2423.7	2364.0	2304.4	2229.6	2155.0	2099.3	2043.6	2008.0	2134.4
2321.2	27.5°	2296.3	2271.5	2223.7	2175.8	2114.6	2053.2	1999.4	1945.6	1902.4	2017.4
2166.5	30°	2146.4	2126.2	2086.4	2046.8	1995.8	1944.9	1902.1	1859.4	1825.5	1922.1
2036.9	32.5°	2014.4	1992.0	1953.9	1915.8	1875.1	1834.5	1809.2	1783.9	1768.9	1846.7
1917.7	35°	1890.9	1864.0	1826.2	1788.6	1757.6	1726.6	1719.6	1712.7	1718.9	1783.8
1808.7	37.5°	1775.5	1742.3	1704.6	1667.0	1644.9	1622.6	1630.3	1637.9	1660.8	1717.5
1702.6	40°	1664.3	1626.0	1589.7	1553.4	1537.4	1521.3	1538.7	1556.1	1591.2	1642.5
1600.8	42.5°	1559.5	1518.2	1483.7	1449.3	1436.1	1423.1	1446.1	1469.2	1513.4	1560.7
1511.0	45°	1468.1	1425.3	1392.6	1360.0	1348.8	1337.9	1360.2	1382.7	1425.5	1473.5
1437.0	47.5°	1394.7	1352.5	1320.6	1288.6	1278.3	1267.9	1286.8	1305.6	1342.4	1404.3
1372.6	50°	1334.8	1296.9	1266.9	1236.7	1220.5	1204.3	1221.0	1237.7	1280.4	1361.9
1328.4	52.5°	1293.1	1257.8	1230.3	1202.6	1178.4	1154.1	1170.5	1187.1	1246.8	1340.5
1298.2	55°	1267.4	1236.4	1206.6	1176.9	1142.5	1108.0	1134.0	1160.2	1250.2	1337.3
1273.2	57.5°	1242.6	1212.0	1177.1	1142.1	1105.0	1067.9	1106.0	1144.0	1253.5	1330.4
1237.7	60°	1206.6	1175.5	1135.4	1095.2	1062.8	1030.2	1079.6	1128.8	1243.0	1293.7
1189.2	62.5°	1156.0	1122.9	1076.0	1029.2	1008.6	987.9	1049.5	1111.2	1217.0	1223.3
1122.4	65°	1090.7	1059.0	1008.8	958.6	950.8	942.8	1008.4	1073.9	1154.6	1153.8
1046.0	67.5°	1016.1	986.0	939.6	893.3	895.8	898.3	952.9	1007.4	1052.8	1054.9
961.5	70°	935.6	909.6	868.9	828.2	836.8	845.5	884.3	923.1	938.0	938.0
861.6	72.5°	838.2	814.7	782.8	750.7	763.3	775.9	802.5	829.2	829.0	819.5
747.3	75°	726.1	704.9	681.0	657.2	669.4	681.5	702.1	722.5	726.2	682.8
633.5	77.5°	615.2	597.0	577.7	558.3	570.6	582.9	599.3	615.7	617.6	546.1
508.6	80°	493.2	477.9	461.8	445.7	456.1	466.3	480.2	493.9	494.2	408.7
321.8	82.5°	327.2	332.5	333.9	335.2	342.5	349.8	356.6	363.3	359.2	286.2
164.7	85°	179.6	194.5	201.5	208.4	216.6	224.8	232.0	239.2	233.9	179.6
73.5	87.5°	84.9	96.2	96.5	96.8	98.4	99.9	102.8	105.7	98.9	76.4
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: P950090
 CATALOG NUMBER: GALN-SB4C-927-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
2503.2	0°	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2	2503.2
2541.4	2.5°	2562.6	2584.7	2606.8	2628.7	2650.7	2671.3	2692.0
2578.1	5°	2620.9	2666.6	2712.4	2757.8	2803.4	2849.0	2894.6
2613.6	7.5°	2673.2	2740.9	2808.7	2878.2	2947.8	3023.0	3098.3
2645.2	10°	2715.7	2798.0	2880.2	2972.1	3064.0	3159.2	3254.4
2658.7	12.5°	2738.5	2835.6	2932.6	3036.7	3140.8	3245.3	3349.9
2648.3	15°	2740.7	2852.4	2964.1	3077.0	3190.0	3299.0	3408.0
2602.6	17.5°	2713.8	2843.4	2973.1	3096.3	3219.6	3330.1	3440.7
2524.0	20°	2661.7	2818.8	2976.0	3111.4	3246.9	3361.8	3476.7
2431.6	22.5°	2597.5	2788.7	2979.8	3131.8	3283.7	3401.1	3518.5
2328.6	25°	2522.9	2758.9	2995.0	3168.7	3342.3	3457.2	3572.3
2234.3	27.5°	2451.3	2739.0	3026.7	3226.3	3425.8	3535.6	3645.3
2155.6	30°	2389.1	2729.7	3070.1	3300.9	3531.8	3637.7	3743.8
2087.7	32.5°	2328.6	2718.2	3107.6	3378.8	3650.1	3755.0	3860.0
2020.9	35°	2258.1	2696.5	3135.1	3467.6	3800.1	3900.7	4001.2
1942.3	37.5°	2167.2	2659.3	3151.4	3567.0	3982.7	4110.8	4238.9
1848.6	40°	2054.6	2608.1	3161.7	3693.2	4224.7	4411.4	4598.2
1745.1	42.5°	1929.6	2555.3	3181.2	3858.4	4535.5	4805.1	5074.6
1635.2	45°	1797.0	2506.2	3215.5	4075.6	4935.8	5299.4	5663.0
1548.3	47.5°	1692.3	2465.6	3239.0	4307.1	5375.3	5887.1	6398.7
1490.6	50°	1619.3	2421.5	3223.6	4521.9	5820.2	6591.7	7363.1
1452.6	52.5°	1564.7	2346.8	3129.0	4661.4	6193.7	7331.9	8470.2
1425.0	55°	1512.7	2223.1	2933.5	4630.6	6327.7	7988.2	9648.8
1392.3	57.5°	1454.3	2048.7	2643.0	4414.3	6185.8	8453.3	10720.8
1342.4	60°	1391.1	1822.2	2253.3	4011.8	5770.2	8569.5	11368.7
1255.5	62.5°	1287.9	1551.1	1814.3	3467.4	5120.5	8080.1	11039.7
1169.1	65°	1184.4	1307.2	1430.1	2912.0	4394.1	7387.6	10381.2
1046.4	67.5°	1037.9	1072.8	1107.7	2368.0	3628.2	6563.6	9498.9
898.5	70°	858.9	849.0	839.0	1864.4	2889.8	5664.4	8439.0
763.5	72.5°	707.4	677.3	647.2	1425.4	2203.5	4689.6	7175.8
619.9	75°	557.1	529.8	502.6	1034.5	1566.5	3572.2	5577.9
485.1	77.5°	424.1	405.5	386.9	701.0	1015.1	2500.2	3985.3
357.1	80°	305.5	297.8	290.1	451.7	613.3	1610.9	2608.4
248.2	82.5°	210.2	208.6	207.3	277.8	348.5	932.3	1516.2
151.8	85°	123.9	124.7	125.4	148.5	171.7	419.4	667.1
64.9	87.5°	53.6	54.3	54.9	61.6	68.2	137.4	206.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)