

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: P955025

Luminaire Tested: **GALN-SB8A-835-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P955025  
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-SB8A-835-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 80 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

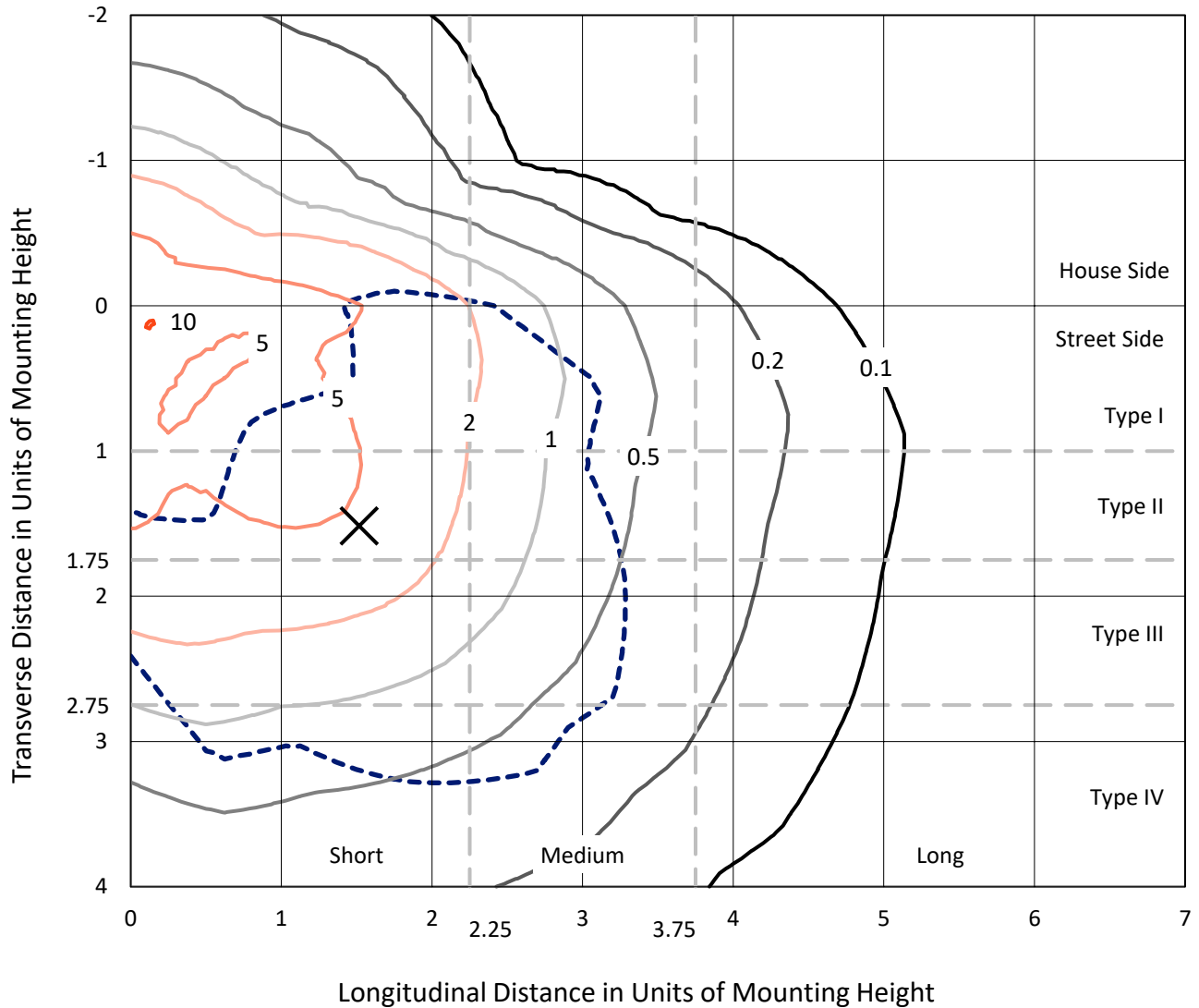
Lumens per Lamp: N/A  
Luminaire Lumens: 33524 lumens  
Efficiency: N/A  
Efficacy: 147.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 227.1  
Input Voltage (V): NR  
Input Current (Ain): 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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

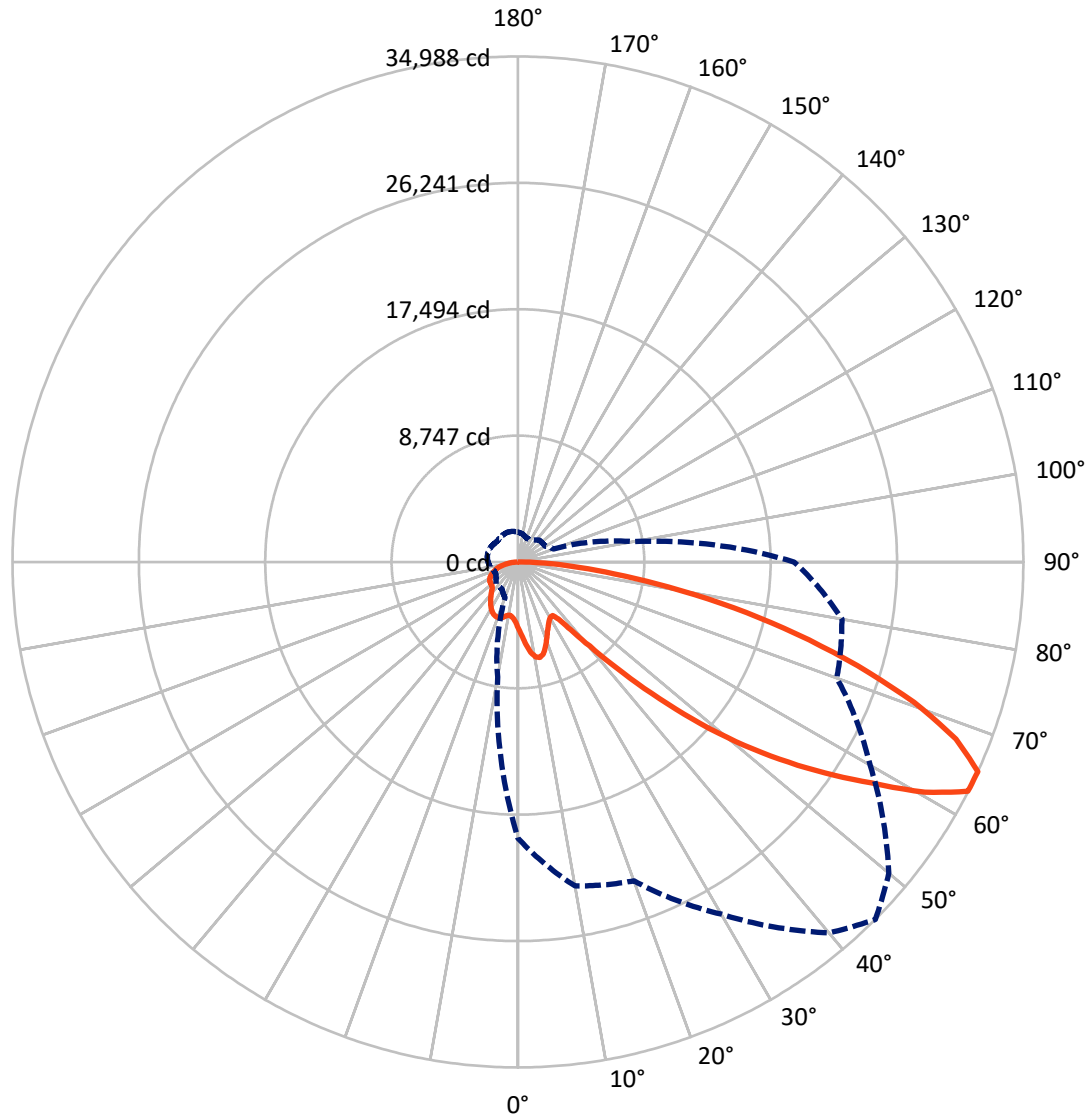
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P955025  
CATALOG NUMBER: GALN-SB8A-835-U-SLL

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P955025

CATALOG NUMBER: GALN-SB8A-835-U-SLL

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8520.1	0.0	8520.1
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	25003.9	0.0	25003.9
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	33524.0	0.0	33524.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	457.3	1.4
10°-20°	1435.5	4.3
20°-30°	2217.4	6.6
30°-40°	2810.0	8.4
40°-50°	4238.2	12.6
50°-60°	6847.4	20.4
60°-70°	8536.4	25.5
70°-80°	5597.8	16.7
80°-90°	1383.9	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°	33524.0	100.0
0°-180°	33524.0	100.0



REPORT NUMBER: P955025

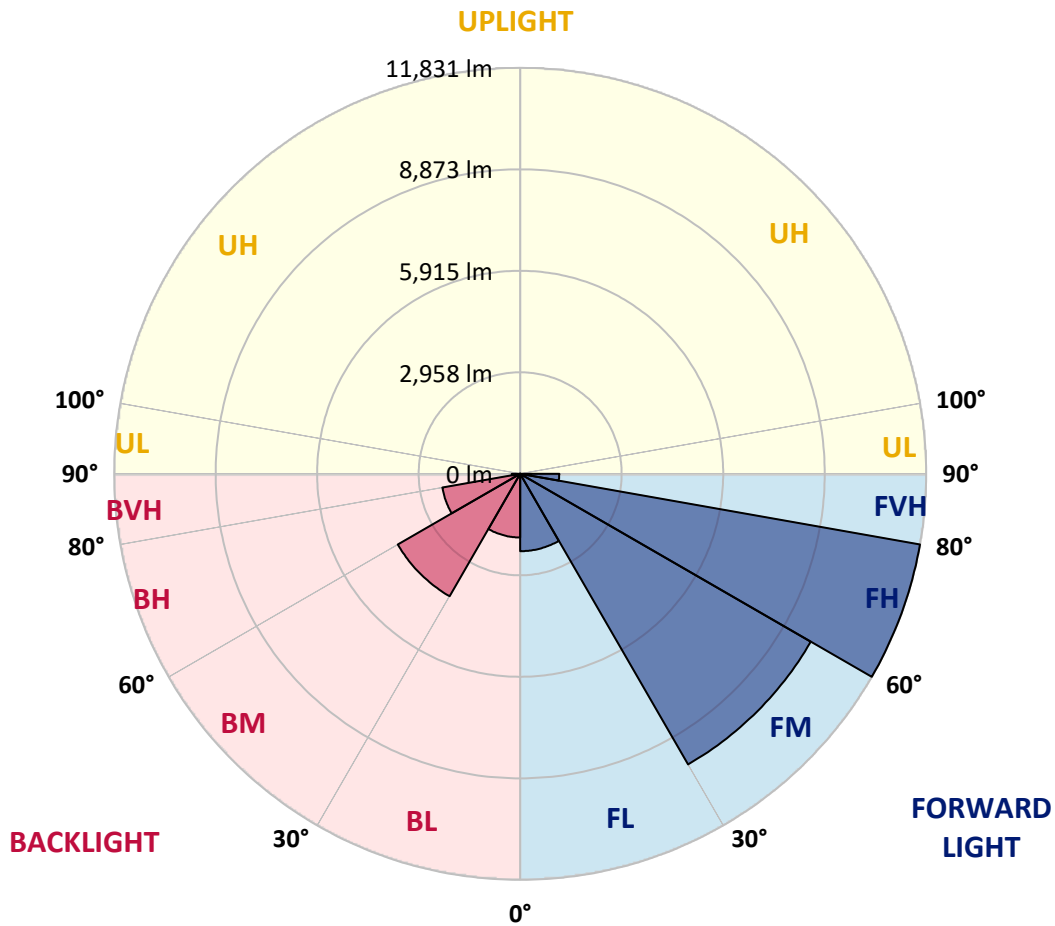
CATALOG NUMBER: GALN-SB8A-835-U-SLL

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2254.9	6.7			
FM (30°-60°)	9778.2	29.2			
FH (60°-80°)	11830.8	35.3			G4/12000
FVH (80°-90°)	1140.0	3.4			G5
BL (0°-30°)	1855.4	5.5	B3/2500		
BM (30°-60°)	4117.4	12.3	B3/5000		
BH (60°-80°)	2303.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	243.9	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**

Type IV Short



REPORT NUMBER: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
2.5°	4957.4	4976.2	4995.1	5021.8	5048.5	5064.5	5080.4	5088.3	5096.3	5092.8
5°	5330.7	5396.3	5462.1	5527.2	5592.5	5627.9	5663.2	5684.6	5706.2	5722.5
7.5°	5705.7	5812.5	5919.2	6015.3	6111.3	6169.2	6227.0	6258.3	6289.4	6304.5
10°	5993.1	6119.4	6245.7	6358.4	6471.1	6539.4	6607.3	6637.7	6668.0	6679.5
12.5°	6169.2	6306.1	6442.8	6544.7	6646.2	6695.8	6745.3	6761.9	6778.6	6780.3
15°	6276.2	6394.3	6512.3	6576.2	6640.2	6642.0	6643.8	6626.1	6608.4	6587.5
17.5°	6336.3	6416.1	6495.9	6497.1	6498.2	6426.5	6354.9	6289.3	6223.5	6177.1
20°	6402.7	6430.4	6458.4	6374.3	6290.3	6132.2	5974.0	5858.9	5743.7	5673.0
22.5°	6479.6	6443.2	6406.7	6232.7	6058.6	5826.0	5593.4	5449.4	5305.4	5227.2
25°	6578.7	6463.7	6348.7	6084.4	5820.1	5537.6	5255.1	5103.7	4952.7	4878.7
27.5°	6713.1	6507.5	6301.8	5951.8	5601.9	5288.8	4975.7	4826.7	4677.9	4608.1
30°	6894.4	6587.9	6281.5	5850.6	5419.7	5093.5	4767.3	4629.1	4491.0	4425.9
32.5°	7108.5	6688.7	6269.1	5781.6	5294.1	4987.5	4680.9	4572.5	4463.9	4417.0
35°	7368.5	6854.8	6341.3	5833.2	5325.4	5112.4	4899.6	4874.3	4849.0	4845.1
37.5°	7806.3	7202.0	6597.8	6136.1	5674.4	5660.6	5646.8	5762.5	5878.2	5938.3
40°	8467.9	7810.7	7153.6	6810.2	6466.9	6709.2	6951.6	7232.8	7514.1	7654.2
42.5°	9345.3	8693.2	8041.2	7843.4	7645.7	8174.2	8702.8	9214.4	9725.9	10026.3
45°	10428.7	9843.0	9257.2	9170.0	9082.6	9929.4	10776.3	11616.9	12457.7	12968.0
47.5°	11783.7	11214.0	10644.0	10626.3	10608.6	11830.3	13051.5	14282.2	15512.7	16235.3
50°	13559.8	12855.9	12152.2	12155.2	12158.2	13732.6	15306.9	16931.3	18555.8	19537.9
52.5°	15598.4	14746.2	13894.1	13807.9	13721.6	15602.2	17482.7	19492.6	21502.3	22679.5
55°	17768.9	16926.9	16084.9	15749.0	15413.1	17506.1	19598.9	21994.9	24390.9	25791.0
57.5°	19743.1	19284.6	18825.9	18152.1	17478.5	19591.8	21705.2	24419.1	27132.8	28869.0
60°	20936.2	21648.4	22360.7	21524.0	20687.3	22687.3	24687.2	27592.9	30498.5	32375.0
62.5°	20330.3	22276.3	24222.3	24128.1	24033.6	25865.7	27697.9	30462.4	33226.7	34961.2
65°	19117.7	20944.2	22770.6	23132.0	23493.2	25821.5	28149.9	30830.6	33511.0	34987.7
67.5°	17493.0	19230.1	20967.2	21136.6	21305.9	23731.8	26157.6	28849.7	31541.8	32698.7
70°	15541.0	17430.4	19319.9	19395.6	19471.5	21640.9	23810.2	26127.0	28443.6	29086.6
72.5°	13214.8	15383.0	17551.4	17605.8	17660.1	19357.4	21054.7	22789.9	24524.8	24589.9
75°	10272.2	12516.3	14760.3	14961.8	15163.3	16483.8	17804.3	19025.8	20247.2	19920.0
77.5°	7339.3	9434.1	11529.0	11817.4	12105.7	13109.6	14113.4	14979.7	15846.1	15283.6
80°	4803.5	6565.9	8328.1	8686.5	9044.9	9803.1	10560.9	11015.9	11470.6	10565.8
82.5°	2792.3	3997.1	5202.1	5602.4	6002.9	6524.7	7046.5	7236.4	7426.0	6714.9
85°	1228.5	1868.0	2507.5	2848.0	3188.5	3617.3	4045.9	4153.6	4261.4	3691.8
87.5°	380.3	595.2	810.2	1000.2	1190.1	1404.5	1618.9	1628.1	1637.1	1374.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
5096.3	2.5°	5088.3	5080.4	5064.5	5048.5	5021.8	4995.1	4976.2	4957.4	4919.4	4881.4
5706.2	5°	5684.6	5663.2	5627.9	5592.5	5527.2	5462.1	5396.3	5330.7	5246.7	5162.6
6289.4	7.5°	6258.3	6227.0	6169.2	6111.3	6015.3	5919.2	5812.5	5705.7	5567.0	5428.5
6668.0	10°	6637.7	6607.3	6539.4	6471.1	6358.4	6245.7	6119.4	5993.1	5817.8	5642.5
6778.6	12.5°	6761.9	6745.3	6695.8	6646.2	6544.7	6442.8	6306.1	6169.2	5976.5	5784.1
6608.4	15°	6626.1	6643.8	6642.0	6640.2	6576.2	6512.3	6394.3	6276.2	6075.4	5874.6
6223.5	17.5°	6289.3	6354.9	6426.5	6498.2	6497.1	6495.9	6416.1	6336.3	6132.7	5929.1
5743.7	20°	5858.9	5974.0	6132.2	6290.3	6374.3	6458.4	6430.4	6402.7	6191.1	5979.3
5305.4	22.5°	5449.4	5593.4	5826.0	6058.6	6232.7	6406.7	6443.2	6479.6	6263.4	6047.1
4952.7	25°	5103.7	5255.1	5537.6	5820.1	6084.4	6348.7	6463.7	6578.7	6366.7	6155.0
4677.9	27.5°	4826.7	4975.7	5288.8	5601.9	5951.8	6301.8	6507.5	6713.1	6511.1	6308.9
4491.0	30°	4629.1	4767.3	5093.5	5419.7	5850.6	6281.5	6587.9	6894.4	6699.1	6504.0
4463.9	32.5°	4572.5	4680.9	4987.5	5294.1	5781.6	6269.1	6688.7	7108.5	6915.1	6721.9
4849.0	35°	4874.3	4899.6	5112.4	5325.4	5833.2	6341.3	6854.8	7368.5	7183.5	6998.3
5878.2	37.5°	5762.5	5646.8	5660.6	5674.4	6136.1	6597.8	7202.0	7806.3	7570.3	7334.3
7514.1	40°	7232.8	6951.6	6709.2	6466.9	6810.2	7153.6	7810.7	8467.9	8124.0	7780.1
9725.9	42.5°	9214.4	8702.8	8174.2	7645.7	7843.4	8041.2	8693.2	9345.3	8848.9	8352.5
12457.7	45°	11616.9	10776.3	9929.4	9082.6	9170.0	9257.2	9843.0	10428.7	9759.2	9089.7
15512.7	47.5°	14282.2	13051.5	11830.3	10608.6	10626.3	10644.0	11214.0	11783.7	10841.4	9898.9
18555.8	50°	16931.3	15306.9	13732.6	12158.2	12155.2	12152.2	12855.9	13559.8	12139.1	10718.3
21502.3	52.5°	19492.6	17482.7	15602.2	13721.6	13807.9	13894.1	14746.2	15598.4	13502.3	11406.1
24390.9	55°	21994.9	19598.9	17506.1	15413.1	15749.0	16084.9	16926.9	17768.9	14710.8	11652.8
27132.8	57.5°	24419.1	21705.2	19591.8	17478.5	18152.1	18825.9	19284.6	19743.1	15567.3	11391.6
30498.5	60°	27592.9	24687.2	22687.3	20687.3	21524.0	22360.7	21648.4	20936.2	15781.4	10626.3
33226.7	62.5°	30462.4	27697.9	25865.7	24033.6	24128.1	24222.3	22276.3	20330.3	14880.1	9429.8
33511.0	65°	30830.6	28149.9	25821.5	23493.2	23132.0	22770.6	20944.2	19117.7	13604.9	8092.0
31541.8	67.5°	28849.7	26157.6	23731.8	21305.9	21136.6	20967.2	19230.1	17493.0	12087.3	6681.6
28443.6	70°	26127.0	23810.2	21640.9	19471.5	19395.6	19319.9	17430.4	15541.0	10431.4	5321.8
24524.8	72.5°	22789.9	21054.7	19357.4	17660.1	17605.8	17551.4	15383.0	13214.8	8636.3	4057.9
20247.2	75°	19025.8	17804.3	16483.8	15163.3	14961.8	14760.3	12516.3	10272.2	6578.5	2884.8
15846.1	77.5°	14979.7	14113.4	13109.6	12105.7	11817.4	11529.0	9434.1	7339.3	4604.4	1869.4
11470.6	80°	11015.9	10560.9	9803.1	9044.9	8686.5	8328.1	6565.9	4803.5	2966.5	1129.5
7426.0	82.5°	7236.4	7046.5	6524.7	6002.9	5602.4	5202.1	3997.1	2792.3	1716.9	641.8
4261.4	85°	4153.6	4045.9	3617.3	3188.5	2848.0	2507.5	1868.0	1228.5	772.3	316.3
1637.1	87.5°	1628.1	1618.9	1404.5	1190.1	1000.2	810.2	595.2	380.3	253.0	125.6
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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
4840.9	2.5°	4800.5	4759.8	4719.2	4680.2	4641.3	4603.6	4561.7	4527.8	4494.0	4463.4
5078.8	5°	4995.1	4910.7	4826.5	4747.8	4669.1	4594.8	4521.4	4457.4	4393.1	4339.4
5300.4	7.5°	5172.4	5047.6	4922.9	4813.1	4703.2	4601.9	4506.9	4421.6	4336.5	4265.8
5473.3	10°	5304.1	5152.7	5001.1	4871.3	4741.1	4616.0	4514.0	4424.1	4334.2	4263.5
5592.3	12.5°	5400.6	5221.9	5043.2	4896.2	4749.2	4617.8	4522.8	4449.2	4376.0	4328.9
5666.6	15°	5458.6	5252.8	5047.1	4876.9	4706.8	4561.2	4485.1	4449.9	4414.9	4421.3
5702.2	17.5°	5475.2	5236.4	4997.6	4792.9	4588.3	4417.0	4370.1	4383.1	4395.8	4472.9
5729.9	20°	5480.5	5191.1	4901.7	4648.0	4394.4	4195.0	4182.6	4242.8	4302.9	4436.8
5767.4	22.5°	5487.6	5135.6	4783.5	4478.1	4172.6	3945.6	3969.8	4058.8	4147.8	4300.6
5835.4	25°	5515.5	5080.7	4646.1	4288.2	3930.6	3698.0	3763.4	3866.0	3968.6	4106.0
5941.5	27.5°	5573.9	5044.1	4514.3	4114.7	3715.1	3503.4	3583.0	3682.0	3781.1	3894.1
6078.9	30°	5653.9	5027.0	4399.7	3969.7	3539.6	3361.9	3424.3	3502.8	3581.7	3675.5
6222.4	32.5°	5722.9	5005.7	4288.2	3844.6	3400.8	3257.5	3285.3	3331.8	3378.3	3453.1
6385.8	35°	5773.4	4965.7	4158.4	3721.7	3284.9	3165.5	3154.0	3166.7	3179.7	3236.8
6568.9	37.5°	5803.5	4897.3	3991.1	3577.0	3162.9	3058.5	3016.4	3002.2	2988.1	3029.1
6801.4	40°	5822.4	4803.0	3783.7	3404.3	3024.9	2930.2	2865.7	2833.7	2801.6	2831.2
7105.4	42.5°	5858.4	4705.7	3553.4	3213.8	2874.2	2787.0	2705.6	2663.1	2620.7	2644.7
7505.6	45°	5921.5	4615.3	3309.3	3011.4	2713.5	2625.1	2546.4	2505.0	2463.8	2483.9
7931.9	47.5°	5964.8	4540.7	3116.5	2851.3	2586.2	2472.1	2404.3	2369.7	2335.0	2354.1
8327.4	50°	5936.5	4459.3	2982.1	2745.0	2508.0	2358.0	2279.3	2248.5	2217.9	2247.6
8584.3	52.5°	5762.3	4321.9	2881.6	2675.0	2468.5	2296.1	2186.0	2155.6	2125.4	2170.1
8527.7	55°	5402.3	4094.0	2785.7	2624.2	2462.7	2302.3	2136.5	2088.4	2040.5	2104.0
8129.3	57.5°	4867.2	3772.8	2678.2	2564.1	2450.0	2308.5	2106.8	2036.7	1966.7	2035.0
7387.9	60°	4149.6	3355.7	2561.8	2472.1	2382.4	2289.0	2078.8	1988.1	1897.2	1957.1
6385.5	62.5°	3341.2	2856.5	2371.8	2312.2	2252.7	2241.2	2046.3	1932.7	1819.3	1857.4
5362.7	65°	2633.6	2407.3	2181.1	2153.0	2124.8	2126.3	1977.7	1857.0	1736.2	1750.9
4360.8	67.5°	2039.9	1975.7	1911.3	1927.1	1942.6	1938.8	1855.3	1754.8	1654.3	1649.7
3433.5	70°	1545.2	1563.6	1581.8	1654.7	1727.4	1727.4	1699.9	1628.5	1557.0	1541.1
2624.9	72.5°	1191.9	1247.3	1302.8	1406.1	1509.3	1526.6	1526.9	1477.9	1428.9	1405.6
1905.1	75°	925.5	975.7	1026.0	1141.7	1257.4	1337.3	1330.6	1292.9	1255.1	1232.8
1291.0	77.5°	712.5	746.7	781.0	893.3	1005.6	1137.4	1133.9	1103.6	1073.4	1050.7
831.8	80°	534.2	548.4	562.5	657.7	752.7	910.1	909.6	884.3	858.8	839.9
511.6	82.5°	381.7	384.2	387.0	457.1	527.1	661.6	669.0	656.6	644.2	630.8
273.5	85°	230.8	229.6	228.2	279.5	330.8	430.7	440.5	427.2	413.9	398.9
113.4	87.5°	101.2	99.9	98.7	119.6	140.6	182.2	194.6	189.3	184.0	181.1
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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
4432.9	2.5°	4406.2	4379.5	4352.6	4325.9	4305.2	4284.4	4267.6	4250.7	4237.7	4224.6
4285.8	5°	4238.4	4191.0	4148.0	4104.8	4071.7	4038.5	4015.3	3992.1	3975.7	3959.2
4195.0	7.5°	4135.4	4075.6	4022.9	3970.4	3930.9	3891.7	3864.1	3836.5	3817.5	3798.8
4192.7	10°	4128.5	4064.1	4004.9	3945.6	3898.6	3851.3	3820.5	3789.4	3771.5	3753.7
4282.2	12.5°	4231.6	4181.4	4120.0	4058.8	3998.7	3938.5	3898.7	3858.9	3838.9	3819.1
4427.6	15°	4414.5	4401.5	4348.2	4295.0	4209.4	4123.7	4063.2	4002.7	3975.0	3947.4
4550.0	17.5°	4591.1	4632.0	4589.0	4546.2	4432.8	4319.4	4230.2	4141.1	4100.0	4058.8
4570.9	20°	4656.7	4742.5	4722.7	4702.7	4573.0	4443.6	4334.2	4225.1	4172.6	4119.8
4453.8	22.5°	4565.4	4677.1	4689.1	4700.9	4577.1	4453.3	4340.8	4228.1	4172.7	4117.2
4243.7	25°	4353.5	4463.4	4504.4	4545.3	4443.7	4342.4	4242.3	4142.5	4094.4	4046.4
4007.0	27.5°	4095.1	4183.2	4228.8	4274.6	4202.3	4130.1	4052.4	3974.8	3942.6	3910.2
3769.2	30°	3842.3	3915.5	3952.7	3989.8	3934.8	3879.6	3824.1	3768.2	3751.7	3735.1
3528.1	32.5°	3598.2	3668.4	3709.6	3751.0	3700.4	3649.7	3605.3	3560.9	3550.1	3539.3
3293.8	35°	3363.1	3432.6	3482.1	3531.7	3495.6	3459.7	3418.6	3377.8	3361.3	3345.1
3070.0	37.5°	3139.1	3208.5	3269.7	3330.9	3314.3	3297.6	3260.0	3222.1	3192.2	3162.5
2860.7	40°	2927.6	2994.4	3064.9	3135.4	3139.5	3143.4	3111.4	3079.4	3035.8	2992.7
2669.0	42.5°	2732.3	2795.8	2871.9	2947.9	2968.3	2988.6	2961.5	2934.7	2880.7	2826.8
2504.5	45°	2564.6	2624.7	2703.6	2782.5	2811.7	2840.9	2816.5	2792.3	2730.5	2669.0
2373.0	47.5°	2431.9	2490.7	2568.5	2646.3	2679.9	2713.5	2696.6	2679.6	2624.7	2569.9
2277.5	50°	2333.0	2388.4	2458.1	2527.8	2571.0	2614.1	2613.1	2612.4	2568.5	2524.6
2214.7	52.5°	2265.6	2316.4	2381.3	2446.4	2497.6	2548.7	2557.9	2567.1	2531.3	2495.6
2167.3	55°	2222.1	2277.0	2333.9	2390.7	2444.8	2499.1	2511.9	2524.6	2493.5	2462.4
2103.3	57.5°	2167.7	2232.0	2288.3	2344.7	2399.4	2453.9	2466.8	2479.7	2448.2	2416.7
2016.9	60°	2090.9	2164.8	2222.0	2279.3	2334.1	2388.9	2403.1	2417.2	2386.5	2355.9
1895.4	62.5°	1981.6	2067.9	2128.9	2189.9	2240.2	2290.4	2304.0	2317.7	2289.9	2262.1
1765.4	65°	1857.7	1950.2	2008.6	2067.0	2111.2	2155.4	2169.4	2183.2	2156.5	2129.8
1645.1	67.5°	1730.4	1815.8	1871.2	1926.4	1964.6	2002.8	2016.4	2029.9	2005.3	1980.9
1525.2	70°	1600.2	1675.2	1722.9	1770.7	1805.2	1839.7	1852.8	1865.9	1845.9	1825.9
1382.4	72.5°	1441.5	1500.4	1543.6	1586.7	1620.5	1654.3	1669.9	1685.4	1668.8	1652.2
1210.3	75°	1254.2	1298.0	1337.1	1376.2	1407.0	1437.8	1454.1	1470.3	1462.2	1454.1
1028.1	77.5°	1063.8	1099.4	1133.0	1166.6	1199.0	1231.2	1246.4	1261.6	1250.3	1238.6
820.8	80°	850.5	880.0	908.3	936.6	961.2	985.6	1005.8	1026.0	1021.0	1016.3
617.4	82.5°	614.9	612.4	602.5	592.6	645.0	697.3	731.6	765.9	763.8	761.5
383.9	85°	371.1	358.2	330.8	303.4	352.4	401.5	444.0	486.5	482.9	479.4
178.3	87.5°	177.8	177.2	156.4	135.3	155.8	176.5	193.7	210.9	206.6	202.0
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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
4212.5	2.5°	4200.3	4185.3	4200.3	4212.5	4224.6	4237.7	4250.7	4267.6	4284.4	4305.2
3946.7	5°	3934.1	3921.7	3934.1	3946.7	3959.2	3975.7	3992.1	4015.3	4038.5	4071.7
3787.5	7.5°	3776.3	3767.8	3776.3	3787.5	3798.8	3817.5	3836.5	3864.1	3891.7	3930.9
3744.1	10°	3734.6	3730.7	3734.6	3744.1	3753.7	3771.5	3789.4	3820.5	3851.3	3898.6
3811.0	12.5°	3802.9	3801.4	3802.9	3811.0	3819.1	3838.9	3858.9	3898.7	3938.5	3998.7
3936.8	15°	3926.1	3925.3	3926.1	3936.8	3947.4	3975.0	4002.7	4063.2	4123.7	4209.4
4045.4	17.5°	4031.8	4029.6	4031.8	4045.4	4058.8	4100.0	4141.1	4230.2	4319.4	4432.8
4103.0	20°	4086.2	4080.9	4086.2	4103.0	4119.8	4172.6	4225.1	4334.2	4443.6	4573.0
4098.6	22.5°	4080.0	4072.1	4080.0	4098.6	4117.2	4172.7	4228.1	4340.8	4453.3	4577.1
4028.9	25°	4011.6	4001.3	4011.6	4028.9	4046.4	4094.4	4142.5	4242.3	4342.4	4443.7
3902.3	27.5°	3894.3	3891.7	3894.3	3902.3	3910.2	3942.6	3974.8	4052.4	4130.1	4202.3
3735.1	30°	3735.1	3737.8	3735.1	3735.1	3735.1	3751.7	3768.2	3824.1	3879.6	3934.8
3540.7	32.5°	3542.3	3544.9	3542.3	3540.7	3539.3	3550.1	3560.9	3605.3	3649.7	3700.4
3341.5	35°	3338.0	3336.2	3338.0	3341.5	3345.1	3361.3	3377.8	3418.6	3459.7	3495.6
3146.8	37.5°	3131.0	3122.2	3131.0	3146.8	3162.5	3192.2	3222.1	3260.0	3297.6	3314.3
2963.3	40°	2934.3	2917.0	2934.3	2963.3	2992.7	3035.8	3079.4	3111.4	3143.4	3139.5
2784.1	42.5°	2741.5	2713.5	2741.5	2784.1	2826.8	2880.7	2934.7	2961.5	2988.6	2968.3
2618.9	45°	2568.8	2536.6	2568.8	2618.9	2669.0	2730.5	2792.3	2816.5	2840.9	2811.7
2523.6	47.5°	2477.4	2446.4	2477.4	2523.6	2569.9	2624.7	2679.6	2696.6	2713.5	2679.9
2481.8	50°	2439.0	2409.3	2439.0	2481.8	2524.6	2568.5	2612.4	2613.1	2614.1	2571.0
2457.2	52.5°	2419.0	2391.6	2419.0	2457.2	2495.6	2531.3	2567.1	2557.9	2548.7	2497.6
2428.7	55°	2395.1	2370.4	2395.1	2428.7	2462.4	2493.5	2524.6	2511.9	2499.1	2444.8
2383.5	57.5°	2350.0	2324.4	2350.0	2383.5	2416.7	2448.2	2479.7	2466.8	2453.9	2399.4
2321.5	60°	2287.2	2260.7	2287.2	2321.5	2355.9	2386.5	2417.2	2403.1	2388.9	2334.1
2226.0	62.5°	2189.9	2158.1	2189.9	2226.0	2262.1	2289.9	2317.7	2304.0	2290.4	2240.2
2094.8	65°	2059.9	2032.5	2059.9	2094.8	2129.8	2156.5	2183.2	2169.4	2155.4	2111.2
1948.3	67.5°	1915.8	1891.0	1915.8	1948.3	1980.9	2005.3	2029.9	2016.4	2002.8	1964.6
1794.8	70°	1763.6	1735.3	1763.6	1794.8	1825.9	1845.9	1865.9	1852.8	1839.7	1805.2
1622.5	72.5°	1592.9	1565.5	1592.9	1622.5	1652.2	1668.8	1685.4	1669.9	1654.3	1620.5
1429.1	75°	1404.2	1378.0	1404.2	1429.1	1454.1	1462.2	1470.3	1454.1	1437.8	1407.0
1213.5	77.5°	1188.4	1167.5	1188.4	1213.5	1238.6	1250.3	1261.6	1246.4	1231.2	1199.0
982.5	80°	948.5	909.2	948.5	982.5	1016.3	1021.0	1026.0	1005.8	985.6	961.2
733.0	82.5°	704.4	679.3	704.4	733.0	761.5	763.8	765.9	731.6	697.3	645.0
457.1	85°	434.8	412.2	434.8	457.1	479.4	482.9	486.5	444.0	401.5	352.4
190.7	87.5°	179.0	168.0	179.0	190.7	202.0	206.6	210.9	193.7	176.5	155.8
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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
4325.9	2.5°	4352.6	4379.5	4406.2	4432.9	4463.4	4494.0	4527.8	4561.7	4603.6	4641.3
4104.8	5°	4148.0	4191.0	4238.4	4285.8	4339.4	4393.1	4457.4	4521.4	4594.8	4669.1
3970.4	7.5°	4022.9	4075.6	4135.4	4195.0	4265.8	4336.5	4421.6	4506.9	4601.9	4703.2
3945.6	10°	4004.9	4064.1	4128.5	4192.7	4263.5	4334.2	4424.1	4514.0	4616.0	4741.1
4058.8	12.5°	4120.0	4181.4	4231.6	4282.2	4328.9	4376.0	4449.2	4522.8	4617.8	4749.2
4295.0	15°	4348.2	4401.5	4414.5	4427.6	4421.3	4414.9	4449.9	4485.1	4561.2	4706.8
4546.2	17.5°	4589.0	4632.0	4591.1	4550.0	4472.9	4395.8	4383.1	4370.1	4417.0	4588.3
4702.7	20°	4722.7	4742.5	4656.7	4570.9	4436.8	4302.9	4242.8	4182.6	4195.0	4394.4
4700.9	22.5°	4689.1	4677.1	4565.4	4453.8	4300.6	4147.8	4058.8	3969.8	3945.6	4172.6
4545.3	25°	4504.4	4463.4	4353.5	4243.7	4106.0	3968.6	3866.0	3763.4	3698.0	3930.6
4274.6	27.5°	4228.8	4183.2	4095.1	4007.0	3894.1	3781.1	3682.0	3583.0	3503.4	3715.1
3989.8	30°	3952.7	3915.5	3842.3	3769.2	3675.5	3581.7	3502.8	3424.3	3361.9	3539.6
3751.0	32.5°	3709.6	3668.4	3598.2	3528.1	3453.1	3378.3	3331.8	3285.3	3257.5	3400.8
3531.7	35°	3482.1	3432.6	3363.1	3293.8	3236.8	3179.7	3166.7	3154.0	3165.5	3284.9
3330.9	37.5°	3269.7	3208.5	3139.1	3070.0	3029.1	2988.1	3002.2	3016.4	3058.5	3162.9
3135.4	40°	3064.9	2994.4	2927.6	2860.7	2831.2	2801.6	2833.7	2865.7	2930.2	3024.9
2947.9	42.5°	2871.9	2795.8	2732.3	2669.0	2644.7	2620.7	2663.1	2705.6	2787.0	2874.2
2782.5	45°	2703.6	2624.7	2564.6	2504.5	2483.9	2463.8	2505.0	2546.4	2625.1	2713.5
2646.3	47.5°	2568.5	2490.7	2431.9	2373.0	2354.1	2335.0	2369.7	2404.3	2472.1	2586.2
2527.8	50°	2458.1	2388.4	2333.0	2277.5	2247.6	2217.9	2248.5	2279.3	2358.0	2508.0
2446.4	52.5°	2381.3	2316.4	2265.6	2214.7	2170.1	2125.4	2155.6	2186.0	2296.1	2468.5
2390.7	55°	2333.9	2277.0	2222.1	2167.3	2104.0	2040.5	2088.4	2136.5	2302.3	2462.7
2344.7	57.5°	2288.3	2232.0	2167.7	2103.3	2035.0	1966.7	2036.7	2106.8	2308.5	2450.0
2279.3	60°	2222.0	2164.8	2090.9	2016.9	1957.1	1897.2	1988.1	2078.8	2289.0	2382.4
2189.9	62.5°	2128.9	2067.9	1981.6	1895.4	1857.4	1819.3	1932.7	2046.3	2241.2	2252.7
2067.0	65°	2008.6	1950.2	1857.7	1765.4	1750.9	1736.2	1857.0	1977.7	2126.3	2124.8
1926.4	67.5°	1871.2	1815.8	1730.4	1645.1	1649.7	1654.3	1754.8	1855.3	1938.8	1942.6
1770.7	70°	1722.9	1675.2	1600.2	1525.2	1541.1	1557.0	1628.5	1699.9	1727.4	1727.4
1586.7	72.5°	1543.6	1500.4	1441.5	1382.4	1405.6	1428.9	1477.9	1526.9	1526.6	1509.3
1376.2	75°	1337.1	1298.0	1254.2	1210.3	1232.8	1255.1	1292.9	1330.6	1337.3	1257.4
1166.6	77.5°	1133.0	1099.4	1063.8	1028.1	1050.7	1073.4	1103.6	1133.9	1137.4	1005.6
936.6	80°	908.3	880.0	850.5	820.8	839.9	858.8	884.3	909.6	910.1	752.7
592.6	82.5°	602.5	612.4	614.9	617.4	630.8	644.2	656.6	669.0	661.6	527.1
303.4	85°	330.8	358.2	371.1	383.9	398.9	413.9	427.2	440.5	430.7	330.8
135.3	87.5°	156.4	177.2	177.8	178.3	181.1	184.0	189.3	194.6	182.2	140.6
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: P955025  
 CATALOG NUMBER: GALN-SB8A-835-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
4609.8	0°	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8	4609.8
4680.2	2.5°	4719.2	4759.8	4800.5	4840.9	4881.4	4919.4	4957.4
4747.8	5°	4826.5	4910.7	4995.1	5078.8	5162.6	5246.7	5330.7
4813.1	7.5°	4922.9	5047.6	5172.4	5300.4	5428.5	5567.0	5705.7
4871.3	10°	5001.1	5152.7	5304.1	5473.3	5642.5	5817.8	5993.1
4896.2	12.5°	5043.2	5221.9	5400.6	5592.3	5784.1	5976.5	6169.2
4876.9	15°	5047.1	5252.8	5458.6	5666.6	5874.6	6075.4	6276.2
4792.9	17.5°	4997.6	5236.4	5475.2	5702.2	5929.1	6132.7	6336.3
4648.0	20°	4901.7	5191.1	5480.5	5729.9	5979.3	6191.1	6402.7
4478.1	22.5°	4783.5	5135.6	5487.6	5767.4	6047.1	6263.4	6479.6
4288.2	25°	4646.1	5080.7	5515.5	5835.4	6155.0	6366.7	6578.7
4114.7	27.5°	4514.3	5044.1	5573.9	5941.5	6308.9	6511.1	6713.1
3969.7	30°	4399.7	5027.0	5653.9	6078.9	6504.0	6699.1	6894.4
3844.6	32.5°	4288.2	5005.7	5722.9	6222.4	6721.9	6915.1	7108.5
3721.7	35°	4158.4	4965.7	5773.4	6385.8	6998.3	7183.5	7368.5
3577.0	37.5°	3991.1	4897.3	5803.5	6568.9	7334.3	7570.3	7806.3
3404.3	40°	3783.7	4803.0	5822.4	6801.4	7780.1	8124.0	8467.9
3213.8	42.5°	3553.4	4705.7	5858.4	7105.4	8352.5	8848.9	9345.3
3011.4	45°	3309.3	4615.3	5921.5	7505.6	9089.7	9759.2	10428.7
2851.3	47.5°	3116.5	4540.7	5964.8	7931.9	9898.9	10841.4	11783.7
2745.0	50°	2982.1	4459.3	5936.5	8327.4	10718.3	12139.1	13559.8
2675.0	52.5°	2881.6	4321.9	5762.3	8584.3	11406.1	13502.3	15598.4
2624.2	55°	2785.7	4094.0	5402.3	8527.7	11652.8	14710.8	17768.9
2564.1	57.5°	2678.2	3772.8	4867.2	8129.3	11391.6	15567.3	19743.1
2472.1	60°	2561.8	3355.7	4149.6	7387.9	10626.3	15781.4	20936.2
2312.2	62.5°	2371.8	2856.5	3341.2	6385.5	9429.8	14880.1	20330.3
2153.0	65°	2181.1	2407.3	2633.6	5362.7	8092.0	13604.9	19117.7
1927.1	67.5°	1911.3	1975.7	2039.9	4360.8	6681.6	12087.3	17493.0
1654.7	70°	1581.8	1563.6	1545.2	3433.5	5321.8	10431.4	15541.0
1406.1	72.5°	1302.8	1247.3	1191.9	2624.9	4057.9	8636.3	13214.8
1141.7	75°	1026.0	975.7	925.5	1905.1	2884.8	6578.5	10272.2
893.3	77.5°	781.0	746.7	712.5	1291.0	1869.4	4604.4	7339.3
657.7	80°	562.5	548.4	534.2	831.8	1129.5	2966.5	4803.5
457.1	82.5°	387.0	384.2	381.7	511.6	641.8	1716.9	2792.3
279.5	85°	228.2	229.6	230.8	273.5	316.3	772.3	1228.5
119.6	87.5°	98.7	99.9	101.2	113.4	125.6	253.0	380.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)