

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: P955361

Luminaire Tested: **GALN-SB8B-830-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P955361  
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-SB8B-830-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

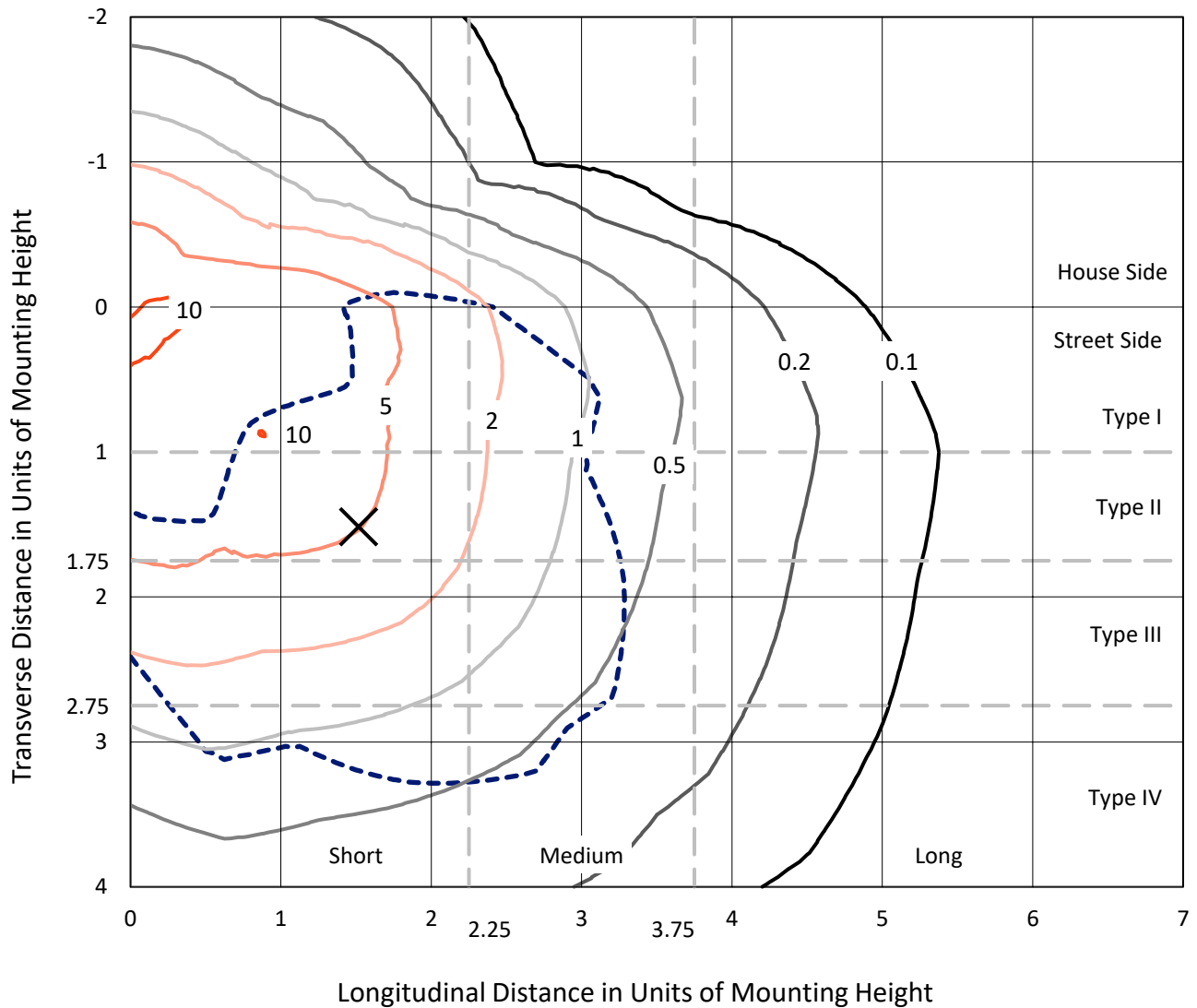
Lumens per Lamp: N/A  
Luminaire Lumens: 40768 lumens  
Efficiency: N/A  
Efficacy: 139.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 292.8  
Input Voltage (V): NR  
Input Current (Ain): 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: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

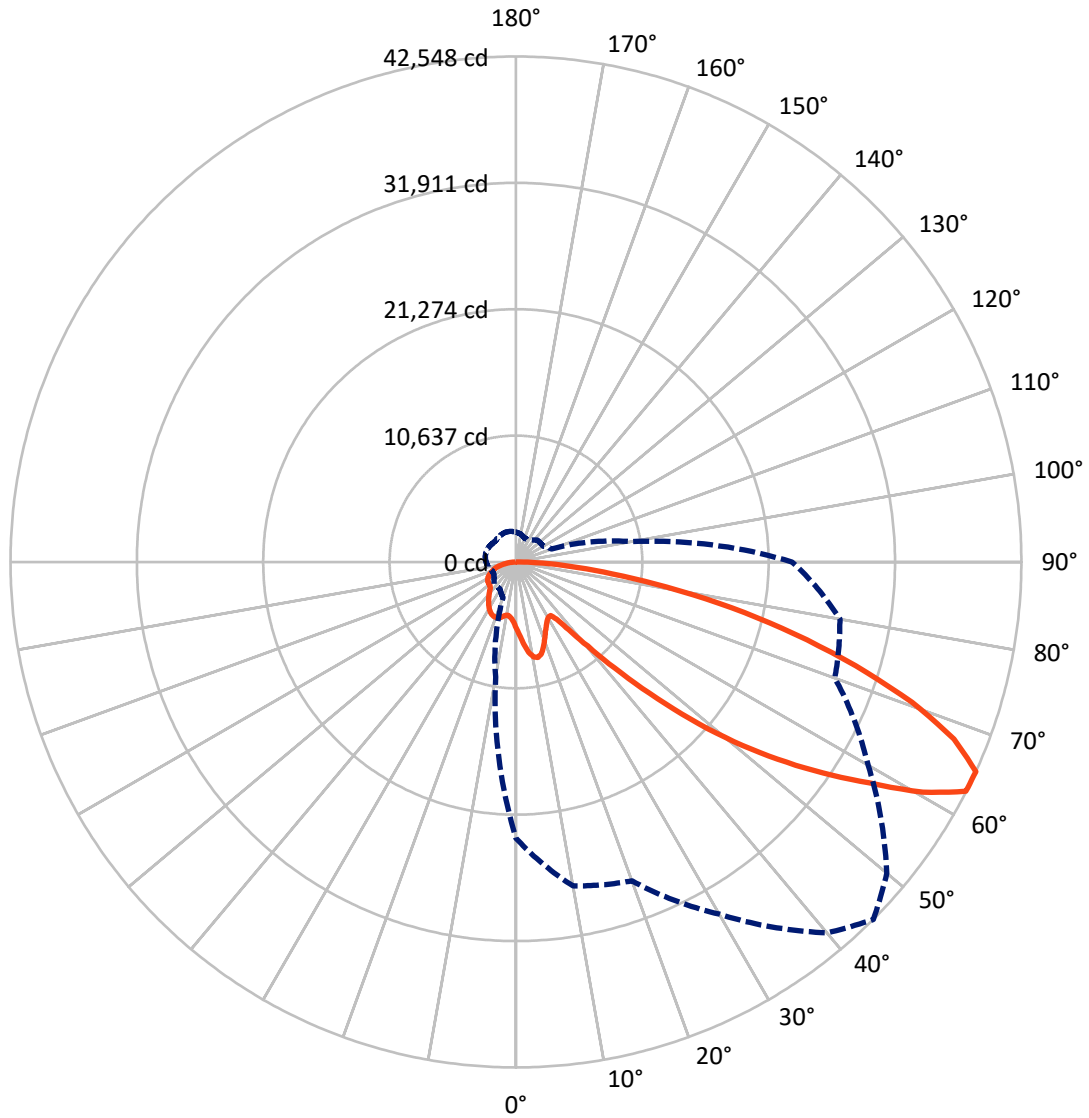
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 fc  
 Type IV - Short - N/A

REPORT NUMBER: P955361  
CATALOG NUMBER: GALN-SB8B-830-U-SLL

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10361.2	0.0	10361.2
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	30406.8	0.0	30406.8
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	40768.0	0.0	40768.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	556.1	1.4
10°-20°	1745.7	4.3
20°-30°	2696.6	6.6
30°-40°	3417.2	8.4
40°-50°	5154.0	12.6
50°-60°	8327.1	20.4
60°-70°	10381.0	25.5
70°-80°	6807.4	16.7
80°-90°	1682.9	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°	40768.0	100.0
0°-180°	40768.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P955361

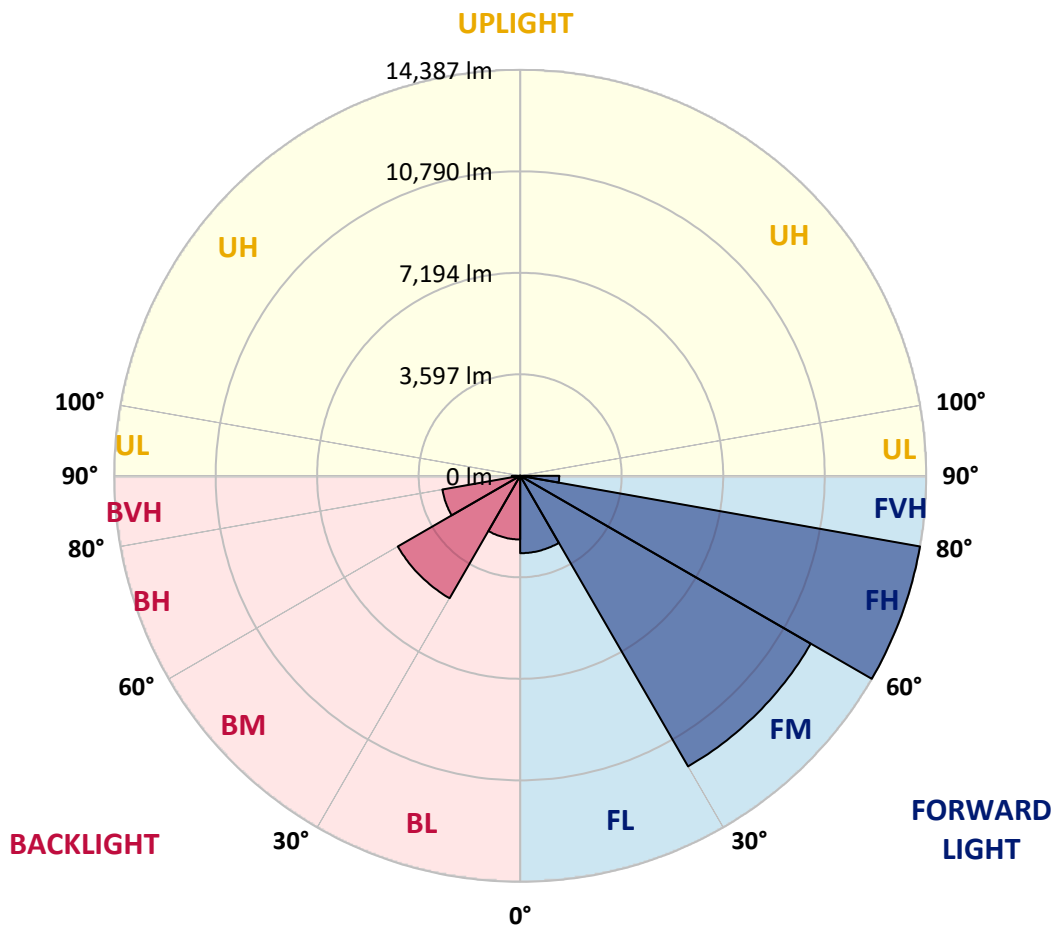
CATALOG NUMBER: GALN-SB8B-830-U-SLL

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2742.1	6.7			
FM (30°-60°)	11891.1	29.2			
FH (60°-80°)	14387.2	35.3			G5
FVH (80°-90°)	1386.4	3.4			G5
BL (0°-30°)	2256.3	5.5	B3/2500		
BM (30°-60°)	5007.2	12.3	B4/8500		
BH (60°-80°)	2801.2	6.9	B4/5000		G4/5000
BVH (80°-90°)	296.6	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short



REPORT NUMBER: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
2.5°	6028.7	6051.5	6074.5	6107.0	6139.4	6158.8	6178.2	6187.8	6197.5	6193.2
5°	6482.6	6562.4	6642.4	6721.5	6800.9	6843.9	6887.0	6913.0	6939.2	6959.0
7.5°	6938.6	7068.5	7198.2	7315.1	7431.9	7502.2	7572.6	7610.6	7648.5	7666.8
10°	7288.2	7441.8	7595.4	7732.4	7869.4	7952.4	8035.1	8072.1	8108.8	8122.8
12.5°	7502.2	7668.7	7835.0	7958.9	8082.4	8142.6	8202.8	8223.1	8243.3	8245.4
15°	7632.4	7776.1	7919.5	7997.2	8075.1	8077.2	8079.4	8057.9	8036.3	8011.0
17.5°	7705.5	7802.5	7899.5	7901.0	7902.3	7815.2	7728.1	7648.3	7568.2	7511.9
20°	7786.2	7819.9	7853.9	7751.7	7649.6	7457.2	7264.9	7124.9	6984.9	6898.8
22.5°	7879.7	7835.4	7791.1	7579.4	7367.8	7084.9	6802.0	6626.9	6451.8	6356.7
25°	8000.2	7860.4	7720.6	7399.2	7077.8	6734.2	6390.7	6206.6	6022.8	5932.9
27.5°	8163.7	7913.7	7663.5	7237.8	6812.3	6431.6	6050.8	5869.7	5688.8	5603.8
30°	8384.2	8011.4	7638.8	7114.8	6590.8	6194.1	5797.4	5629.4	5461.4	5382.2
32.5°	8644.5	8134.0	7623.7	7030.9	6438.0	6065.2	5692.4	5560.6	5428.5	5371.5
35°	8960.7	8336.0	7711.5	7093.7	6476.1	6217.1	5958.3	5927.6	5896.8	5892.1
37.5°	9493.1	8758.3	8023.4	7462.0	6900.5	6883.7	6867.0	7007.7	7148.3	7221.5
40°	10297.7	9498.5	8699.3	8281.8	7864.3	8159.0	8453.7	8795.7	9137.7	9308.1
42.5°	11364.6	10571.7	9778.8	9538.3	9297.8	9940.6	10583.3	11205.4	11827.6	12192.8
45°	12682.2	11970.0	11257.5	11151.5	11045.2	12075.0	13104.9	14127.2	15149.6	15770.2
47.5°	14330.0	13637.1	12944.0	12922.5	12901.0	14386.6	15871.8	17368.3	18864.7	19743.4
50°	16489.8	15633.8	14778.1	14781.8	14785.4	16700.0	18614.5	20589.9	22565.4	23759.7
52.5°	18969.0	17932.6	16896.4	16791.6	16686.6	18973.5	21260.5	23704.6	26148.6	27580.2
55°	21608.5	20584.6	19560.6	19152.1	18743.6	21288.8	23833.9	26747.7	29661.4	31364.1
57.5°	24009.2	23451.6	22893.8	22074.5	21255.3	23825.3	26395.3	29695.6	32995.7	35107.1
60°	25460.2	26326.2	27192.5	26175.0	25157.5	27589.6	30021.7	33555.3	37088.8	39370.7
62.5°	24723.4	27089.9	29456.4	29341.8	29226.9	31454.8	33683.0	37044.9	40406.5	42515.7
65°	23248.8	25469.9	27690.9	28130.4	28569.7	31401.1	34232.7	37492.5	40752.2	42548.0
67.5°	21272.9	23385.4	25497.8	25703.9	25909.8	28859.9	31809.8	35083.7	38357.5	39764.4
70°	18899.1	21196.8	23494.7	23586.7	23679.0	26317.2	28955.2	31772.6	34589.8	35371.7
72.5°	16070.3	18707.0	21343.9	21410.2	21476.2	23540.3	25604.3	27714.4	29824.3	29903.4
75°	12491.8	15220.8	17949.8	18194.8	18439.8	20045.7	21651.5	23136.9	24622.3	24224.3
77.5°	8925.2	11472.6	14020.3	14370.9	14721.5	15942.3	17163.1	18216.5	19270.2	18586.1
80°	5841.5	7984.7	10127.7	10563.5	10999.4	11921.4	12842.9	13396.2	13949.3	12848.9
82.5°	3395.6	4860.8	6326.2	6813.0	7300.0	7934.6	8569.2	8800.0	9030.6	8165.8
85°	1494.0	2271.6	3049.3	3463.4	3877.5	4398.9	4920.2	5051.2	5182.2	4489.5
87.5°	462.5	723.9	985.2	1216.3	1447.3	1708.0	1968.8	1979.9	1990.9	1671.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
6197.5	2.5°	6187.8	6178.2	6158.8	6139.4	6107.0	6074.5	6051.5	6028.7	5982.4	5936.2
6939.2	5°	6913.0	6887.0	6843.9	6800.9	6721.5	6642.4	6562.4	6482.6	6380.4	6278.2
7648.5	7.5°	7610.6	7572.6	7502.2	7431.9	7315.1	7198.2	7068.5	6938.6	6769.9	6601.5
8108.8	10°	8072.1	8035.1	7952.4	7869.4	7732.4	7595.4	7441.8	7288.2	7075.0	6861.8
8243.3	12.5°	8223.1	8202.8	8142.6	8082.4	7958.9	7835.0	7668.7	7502.2	7267.9	7033.9
8036.3	15°	8057.9	8079.4	8077.2	8075.1	7997.2	7919.5	7776.1	7632.4	7388.2	7144.0
7568.2	17.5°	7648.3	7728.1	7815.2	7902.3	7901.0	7899.5	7802.5	7705.5	7457.9	7210.3
6984.9	20°	7124.9	7264.9	7457.2	7649.6	7751.7	7853.9	7819.9	7786.2	7528.9	7271.4
6451.8	22.5°	6626.9	6802.0	7084.9	7367.8	7579.4	7791.1	7835.4	7879.7	7616.9	7353.8
6022.8	25°	6206.6	6390.7	6734.2	7077.8	7399.2	7720.6	7860.4	8000.2	7742.5	7485.0
5688.8	27.5°	5869.7	6050.8	6431.6	6812.3	7237.8	7663.5	7913.7	8163.7	7918.0	7672.2
5461.4	30°	5629.4	5797.4	6194.1	6590.8	7114.8	7638.8	8011.4	8384.2	8146.7	7909.4
5428.5	32.5°	5560.6	5692.4	6065.2	6438.0	7030.9	7623.7	8134.0	8644.5	8409.4	8174.4
5896.8	35°	5927.6	5958.3	6217.1	6476.1	7093.7	7711.5	8336.0	8960.7	8735.7	8510.5
7148.3	37.5°	7007.7	6867.0	6883.7	6900.5	7462.0	8023.4	8758.3	9493.1	9206.2	8919.2
9137.7	40°	8795.7	8453.7	8159.0	7864.3	8281.8	8699.3	9498.5	10297.7	9879.5	9461.3
11827.6	42.5°	11205.4	10583.3	9940.6	9297.8	9538.3	9778.8	10571.7	11364.6	10761.0	10157.4
15149.6	45°	14127.2	13104.9	12075.0	11045.2	11151.5	11257.5	11970.0	12682.2	11868.0	11053.8
18864.7	47.5°	17368.3	15871.8	14386.6	12901.0	12922.5	12944.0	13637.1	14330.0	13184.1	12038.0
22565.4	50°	20589.9	18614.5	16700.0	14785.4	14781.8	14778.1	15633.8	16489.8	14762.2	13034.4
26148.6	52.5°	23704.6	21260.5	18973.5	16686.6	16791.6	16896.4	17932.6	18969.0	16419.9	13870.7
29661.4	55°	26747.7	23833.9	21288.8	18743.6	19152.1	19560.6	20584.6	21608.5	17889.6	14170.8
32995.7	57.5°	29695.6	26395.3	23825.3	21255.3	22074.5	22893.8	23451.6	24009.2	18931.2	13853.1
37088.8	60°	33555.3	30021.7	27589.6	25157.5	26175.0	27192.5	26326.2	25460.2	19191.5	12922.5
40406.5	62.5°	37044.9	33683.0	31454.8	29226.9	29341.8	29456.4	27089.9	24723.4	18095.4	11467.5
40752.2	65°	37492.5	34232.7	31401.1	28569.7	28130.4	27690.9	25469.9	23248.8	16544.7	9840.5
38357.5	67.5°	35083.7	31809.8	28859.9	25909.8	25703.9	25497.8	23385.4	21272.9	14699.2	8125.4
34589.8	70°	31772.6	28955.2	26317.2	23679.0	23586.7	23494.7	21196.8	18899.1	12685.5	6471.8
29824.3	72.5°	27714.4	25604.3	23540.3	21476.2	21410.2	21343.9	18707.0	16070.3	10502.4	4934.8
24622.3	75°	23136.9	21651.5	20045.7	18439.8	18194.8	17949.8	15220.8	12491.8	8000.0	3508.1
19270.2	77.5°	18216.5	17163.1	15942.3	14721.5	14370.9	14020.3	11472.6	8925.2	5599.3	2273.4
13949.3	80°	13396.2	12842.9	11921.4	10999.4	10563.5	10127.7	7984.7	5841.5	3607.5	1373.5
9030.6	82.5°	8800.0	8569.2	7934.6	7300.0	6813.0	6326.2	4860.8	3395.6	2087.9	780.4
5182.2	85°	5051.2	4920.2	4398.9	3877.5	3463.4	3049.3	2271.6	1494.0	939.2	384.6
1990.9	87.5°	1979.9	1968.8	1708.0	1447.3	1216.3	985.2	723.9	462.5	307.6	152.7
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: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
5886.9	2.5°	5837.8	5788.4	5738.9	5691.6	5644.2	5598.4	5547.4	5506.1	5465.0	5427.8
6176.2	5°	6074.5	5971.9	5869.5	5773.7	5678.0	5587.7	5498.4	5420.5	5342.4	5277.0
6445.8	7.5°	6290.0	6138.4	5986.7	5853.1	5719.5	5596.3	5480.8	5377.1	5273.6	5187.5
6655.9	10°	6450.3	6266.1	6081.8	5923.9	5765.6	5613.5	5489.4	5380.1	5270.8	5184.8
6800.7	12.5°	6567.5	6350.3	6133.0	5954.2	5775.5	5615.6	5500.1	5410.6	5321.6	5264.3
6891.1	15°	6638.1	6387.9	6137.7	5930.8	5723.8	5546.8	5454.3	5411.5	5368.9	5376.6
6934.3	17.5°	6658.3	6367.9	6077.5	5828.6	5579.7	5371.5	5314.5	5330.2	5345.7	5439.5
6968.1	20°	6664.8	6312.8	5960.9	5652.4	5343.9	5101.5	5086.4	5159.6	5232.7	5395.6
7013.7	22.5°	6673.4	6245.3	5817.2	5445.7	5074.2	4798.2	4827.7	4935.9	5044.1	5229.9
7096.3	25°	6707.4	6178.6	5650.1	5214.9	4779.9	4497.0	4576.6	4701.4	4826.2	4993.3
7225.4	27.5°	6778.3	6134.1	5489.8	5003.8	4517.9	4260.4	4357.2	4477.7	4598.1	4735.6
7392.5	30°	6875.6	6113.2	5350.4	4827.4	4304.5	4088.3	4164.2	4259.7	4355.7	4469.7
7567.0	32.5°	6959.5	6087.4	5214.9	4675.4	4135.6	3961.4	3995.2	4051.7	4108.3	4199.3
7765.7	35°	7021.0	6038.8	5057.0	4525.8	3994.7	3849.5	3835.5	3851.0	3866.7	3936.2
7988.4	37.5°	7057.6	5955.5	4853.5	4349.9	3846.3	3719.4	3668.2	3651.0	3633.8	3683.7
8271.0	40°	7080.6	5840.9	4601.4	4139.9	3678.5	3563.4	3484.9	3446.0	3407.0	3442.9
8640.8	42.5°	7124.2	5722.5	4321.3	3908.2	3495.2	3389.2	3290.2	3238.6	3187.0	3216.2
9127.4	45°	7201.0	5612.6	4024.4	3662.2	3299.9	3192.3	3096.6	3046.3	2996.2	3020.7
9645.8	47.5°	7253.7	5521.8	3789.9	3467.5	3145.0	3006.3	2923.9	2881.7	2839.5	2862.8
10126.9	50°	7219.3	5422.9	3626.4	3338.2	3049.9	2867.5	2771.8	2734.4	2697.1	2733.3
10439.2	52.5°	7007.4	5255.7	3504.3	3253.0	3002.0	2792.2	2658.4	2621.4	2584.6	2639.1
10370.4	55°	6569.7	4978.7	3387.7	3191.3	2994.9	2799.7	2598.2	2539.7	2481.4	2558.6
9885.9	57.5°	5918.9	4588.0	3256.9	3118.1	2979.4	2807.3	2562.0	2476.9	2391.7	2474.7
8984.4	60°	5046.2	4080.8	3115.3	3006.3	2897.2	2783.6	2528.1	2417.7	2307.1	2380.1
7765.3	62.5°	4063.1	3473.7	2884.3	2811.8	2739.5	2725.5	2488.5	2350.4	2212.5	2258.7
6521.5	65°	3202.7	2927.5	2652.4	2618.2	2584.0	2585.7	2405.0	2258.3	2111.4	2129.2
5303.1	67.5°	2480.7	2402.6	2324.3	2343.5	2362.4	2357.7	2256.1	2134.0	2011.8	2006.2
4175.4	70°	1879.0	1901.4	1923.6	2012.2	2100.6	2100.6	2067.3	1980.4	1893.5	1874.1
3192.1	72.5°	1449.5	1516.8	1584.3	1710.0	1835.4	1856.5	1856.9	1797.3	1737.7	1709.3
2316.8	75°	1125.5	1186.6	1247.7	1388.4	1529.1	1626.3	1618.1	1572.3	1526.3	1499.2
1569.9	77.5°	866.5	908.0	949.7	1086.3	1222.9	1383.2	1378.9	1342.1	1305.3	1277.8
1011.5	80°	649.7	666.9	684.1	799.8	915.3	1106.8	1106.1	1075.4	1044.4	1021.4
622.1	82.5°	464.2	467.2	470.7	555.9	641.0	804.5	813.6	798.5	783.5	767.1
332.6	85°	280.7	279.2	277.5	339.9	402.3	523.8	535.6	519.5	503.4	485.1
137.9	87.5°	123.0	121.5	120.0	145.4	171.0	221.6	236.6	230.2	223.7	220.3
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: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
5390.8	2.5°	5358.4	5325.9	5293.2	5260.7	5235.5	5210.1	5189.7	5169.3	5153.3	5137.4
5211.9	5°	5154.2	5096.6	5044.3	4991.8	4951.6	4911.1	4882.9	4854.8	4834.8	4814.8
5101.5	7.5°	5029.0	4956.3	4892.2	4828.3	4780.3	4732.6	4699.0	4665.5	4642.4	4619.6
5098.7	10°	5020.6	4942.3	4870.3	4798.2	4741.0	4683.5	4646.1	4608.2	4586.5	4564.8
5207.6	12.5°	5146.0	5084.9	5010.3	4935.9	4862.7	4789.6	4741.2	4692.8	4668.5	4644.4
5384.4	15°	5368.5	5352.5	5287.8	5223.0	5118.9	5014.8	4941.2	4867.7	4833.9	4800.3
5533.2	17.5°	5583.1	5632.8	5580.6	5528.5	5390.6	5252.7	5144.3	5035.9	4986.0	4935.9
5558.6	20°	5663.0	5767.3	5743.2	5718.9	5561.2	5403.7	5270.8	5138.1	5074.2	5010.1
5416.2	22.5°	5552.0	5687.7	5702.3	5716.7	5566.2	5415.6	5278.8	5141.7	5074.4	5006.9
5160.7	25°	5294.2	5427.8	5477.7	5527.4	5404.0	5280.7	5158.9	5037.6	4979.1	4920.8
4872.8	27.5°	4980.0	5087.1	5142.6	5198.3	5110.3	5022.6	4928.1	4833.7	4794.5	4755.2
4583.7	30°	4672.6	4761.6	4806.8	4852.0	4785.1	4717.9	4650.4	4582.4	4562.4	4542.2
4290.5	32.5°	4375.7	4461.1	4511.2	4561.6	4500.0	4438.3	4384.3	4330.3	4317.2	4304.1
4005.5	35°	4089.8	4174.3	4234.6	4294.8	4250.9	4207.3	4157.4	4107.7	4087.7	4067.9
3733.4	37.5°	3817.5	3901.8	3976.2	4050.7	4030.4	4010.2	3964.4	3918.4	3882.0	3845.9
3478.9	40°	3560.2	3641.5	3727.1	3813.0	3817.9	3822.6	3783.7	3744.8	3691.8	3639.4
3245.7	42.5°	3322.7	3399.9	3492.4	3584.9	3609.7	3634.4	3601.5	3568.8	3503.2	3437.6
3045.6	45°	3118.8	3191.9	3287.8	3383.8	3419.3	3454.8	3425.1	3395.6	3320.5	3245.7
2885.8	47.5°	2957.4	3028.8	3123.5	3218.2	3259.0	3299.9	3279.2	3258.6	3191.9	3125.2
2769.6	50°	2837.2	2904.5	2989.3	3074.0	3126.5	3179.0	3177.7	3176.8	3123.5	3070.2
2693.3	52.5°	2755.2	2817.0	2895.9	2975.1	3037.2	3099.4	3110.6	3121.8	3078.3	3034.9
2635.6	55°	2702.3	2769.0	2838.3	2907.3	2973.1	3039.2	3054.7	3070.2	3032.3	2994.4
2557.7	57.5°	2636.0	2714.3	2782.8	2851.4	2917.8	2984.1	2999.8	3015.5	2977.2	2938.9
2452.8	60°	2542.7	2632.6	2702.1	2771.8	2838.5	2905.2	2922.4	2939.6	2902.1	2864.9
2305.0	62.5°	2409.7	2514.7	2588.9	2663.1	2724.2	2785.3	2801.9	2818.5	2784.7	2750.9
2146.9	65°	2259.2	2371.7	2442.7	2513.6	2567.4	2621.2	2638.2	2655.0	2622.5	2590.0
2000.6	67.5°	2104.3	2208.2	2275.5	2342.6	2389.1	2435.6	2452.1	2468.5	2438.6	2408.9
1854.7	70°	1945.9	2037.2	2095.2	2153.3	2195.3	2237.2	2253.1	2269.1	2244.7	2220.4
1681.1	72.5°	1753.0	1824.6	1877.1	1929.6	1970.7	2011.8	2030.7	2049.6	2029.4	2009.2
1471.8	75°	1525.2	1578.5	1626.1	1673.6	1711.0	1748.5	1768.3	1788.1	1778.2	1768.3
1250.3	77.5°	1293.7	1337.0	1377.8	1418.7	1458.1	1497.2	1515.7	1534.2	1520.4	1506.2
998.1	80°	1034.3	1070.2	1104.6	1139.0	1168.9	1198.6	1223.2	1247.7	1241.7	1235.8
750.8	82.5°	747.7	744.7	732.7	720.6	784.3	848.0	889.7	931.5	928.9	926.1
466.8	85°	451.3	435.6	402.3	368.9	428.5	488.3	539.9	591.6	587.3	583.0
216.8	87.5°	216.2	215.5	190.2	164.6	189.5	214.7	235.6	256.4	251.3	245.7
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: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
5122.8	2.5°	5108.0	5089.7	5108.0	5122.8	5137.4	5153.3	5169.3	5189.7	5210.1	5235.5
4799.5	5°	4784.2	4769.1	4784.2	4799.5	4814.8	4834.8	4854.8	4882.9	4911.1	4951.6
4605.9	7.5°	4592.3	4582.0	4592.3	4605.9	4619.6	4642.4	4665.5	4699.0	4732.6	4780.3
4553.2	10°	4541.6	4536.8	4541.6	4553.2	4564.8	4586.5	4608.2	4646.1	4683.5	4741.0
4634.5	12.5°	4624.6	4622.9	4624.6	4634.5	4644.4	4668.5	4692.8	4741.2	4789.6	4862.7
4787.4	15°	4774.5	4773.4	4774.5	4787.4	4800.3	4833.9	4867.7	4941.2	5014.8	5118.9
4919.5	17.5°	4902.9	4900.4	4902.9	4919.5	4935.9	4986.0	5035.9	5144.3	5252.7	5390.6
4989.6	20°	4969.2	4962.8	4969.2	4989.6	5010.1	5074.2	5138.1	5270.8	5403.7	5561.2
4984.3	22.5°	4961.7	4952.0	4961.7	4984.3	5006.9	5074.4	5141.7	5278.8	5415.6	5566.2
4899.5	25°	4878.4	4865.9	4878.4	4899.5	4920.8	4979.1	5037.6	5158.9	5280.7	5404.0
4745.5	27.5°	4735.8	4732.6	4735.8	4745.5	4755.2	4794.5	4833.7	4928.1	5022.6	5110.3
4542.2	30°	4542.2	4545.4	4542.2	4542.2	4542.2	4562.4	4582.4	4650.4	4717.9	4785.1
4305.8	32.5°	4307.7	4310.9	4307.7	4305.8	4304.1	4317.2	4330.3	4384.3	4438.3	4500.0
4063.6	35°	4059.3	4057.1	4059.3	4063.6	4067.9	4087.7	4107.7	4157.4	4207.3	4250.9
3826.7	37.5°	3807.6	3796.8	3807.6	3826.7	3845.9	3882.0	3918.4	3964.4	4010.2	4030.4
3603.6	40°	3568.4	3547.3	3568.4	3603.6	3639.4	3691.8	3744.8	3783.7	3822.6	3817.9
3385.7	42.5°	3333.9	3299.9	3333.9	3385.7	3437.6	3503.2	3568.8	3601.5	3634.4	3609.7
3184.8	45°	3123.9	3084.8	3123.9	3184.8	3245.7	3320.5	3395.6	3425.1	3454.8	3419.3
3068.9	47.5°	3012.7	2975.1	3012.7	3068.9	3125.2	3191.9	3258.6	3279.2	3299.9	3259.0
3018.1	50°	2966.0	2929.9	2966.0	3018.1	3070.2	3123.5	3176.8	3177.7	3179.0	3126.5
2988.2	52.5°	2941.7	2908.4	2941.7	2988.2	3034.9	3078.3	3121.8	3110.6	3099.4	3037.2
2953.6	55°	2912.7	2882.6	2912.7	2953.6	2994.4	3032.3	3070.2	3054.7	3039.2	2973.1
2898.5	57.5°	2857.8	2826.6	2857.8	2898.5	2938.9	2977.2	3015.5	2999.8	2984.1	2917.8
2823.2	60°	2781.5	2749.2	2781.5	2823.2	2864.9	2902.1	2939.6	2922.4	2905.2	2838.5
2707.0	62.5°	2663.1	2624.4	2663.1	2707.0	2750.9	2784.7	2818.5	2801.9	2785.3	2724.2
2547.4	65°	2505.0	2471.7	2505.0	2547.4	2590.0	2622.5	2655.0	2638.2	2621.2	2567.4
2369.3	67.5°	2329.7	2299.6	2329.7	2369.3	2408.9	2438.6	2468.5	2452.1	2435.6	2389.1
2182.6	70°	2144.7	2110.3	2144.7	2182.6	2220.4	2244.7	2269.1	2253.1	2237.2	2195.3
1973.1	72.5°	1937.1	1903.8	1937.1	1973.1	2009.2	2029.4	2049.6	2030.7	2011.8	1970.7
1737.9	75°	1707.6	1675.8	1707.6	1737.9	1768.3	1778.2	1788.1	1768.3	1748.5	1711.0
1475.7	77.5°	1445.2	1419.8	1445.2	1475.7	1506.2	1520.4	1534.2	1515.7	1497.2	1458.1
1194.8	80°	1153.5	1105.7	1153.5	1194.8	1235.8	1241.7	1247.7	1223.2	1198.6	1168.9
891.4	82.5°	856.6	826.0	856.6	891.4	926.1	928.9	931.5	889.7	848.0	784.3
555.9	85°	528.8	501.2	528.8	555.9	583.0	587.3	591.6	539.9	488.3	428.5
231.9	87.5°	217.7	204.4	217.7	231.9	245.7	251.3	256.4	235.6	214.7	189.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
5260.7	2.5°	5293.2	5325.9	5358.4	5390.8	5427.8	5465.0	5506.1	5547.4	5598.4	5644.2
4991.8	5°	5044.3	5096.6	5154.2	5211.9	5277.0	5342.4	5420.5	5498.4	5587.7	5678.0
4828.3	7.5°	4892.2	4956.3	5029.0	5101.5	5187.5	5273.6	5377.1	5480.8	5596.3	5719.5
4798.2	10°	4870.3	4942.3	5020.6	5098.7	5184.8	5270.8	5380.1	5489.4	5613.5	5765.6
4935.9	12.5°	5010.3	5084.9	5146.0	5207.6	5264.3	5321.6	5410.6	5500.1	5615.6	5775.5
5223.0	15°	5287.8	5352.5	5368.5	5384.4	5376.6	5368.9	5411.5	5454.3	5546.8	5723.8
5528.5	17.5°	5580.6	5632.8	5583.1	5533.2	5439.5	5345.7	5330.2	5314.5	5371.5	5579.7
5718.9	20°	5743.2	5767.3	5663.0	5558.6	5395.6	5232.7	5159.6	5086.4	5101.5	5343.9
5716.7	22.5°	5702.3	5687.7	5552.0	5416.2	5229.9	5044.1	4935.9	4827.7	4798.2	5074.2
5527.4	25°	5477.7	5427.8	5294.2	5160.7	4993.3	4826.2	4701.4	4576.6	4497.0	4779.9
5198.3	27.5°	5142.6	5087.1	4980.0	4872.8	4735.6	4598.1	4477.7	4357.2	4260.4	4517.9
4852.0	30°	4806.8	4761.6	4672.6	4583.7	4469.7	4355.7	4259.7	4164.2	4088.3	4304.5
4561.6	32.5°	4511.2	4461.1	4375.7	4290.5	4199.3	4108.3	4051.7	3995.2	3961.4	4135.6
4294.8	35°	4234.6	4174.3	4089.8	4005.5	3936.2	3866.7	3851.0	3835.5	3849.5	3994.7
4050.7	37.5°	3976.2	3901.8	3817.5	3733.4	3683.7	3633.8	3651.0	3668.2	3719.4	3846.3
3813.0	40°	3727.1	3641.5	3560.2	3478.9	3442.9	3407.0	3446.0	3484.9	3563.4	3678.5
3584.9	42.5°	3492.4	3399.9	3322.7	3245.7	3216.2	3187.0	3238.6	3290.2	3389.2	3495.2
3383.8	45°	3287.8	3191.9	3118.8	3045.6	3020.7	2996.2	3046.3	3096.6	3192.3	3299.9
3218.2	47.5°	3123.5	3028.8	2957.4	2885.8	2862.8	2839.5	2881.7	2923.9	3006.3	3145.0
3074.0	50°	2989.3	2904.5	2837.2	2769.6	2733.3	2697.1	2734.4	2771.8	2867.5	3049.9
2975.1	52.5°	2895.9	2817.0	2755.2	2693.3	2639.1	2584.6	2621.4	2658.4	2792.2	3002.0
2907.3	55°	2838.3	2769.0	2702.3	2635.6	2558.6	2481.4	2539.7	2598.2	2799.7	2994.9
2851.4	57.5°	2782.8	2714.3	2636.0	2557.7	2474.7	2391.7	2476.9	2562.0	2807.3	2979.4
2771.8	60°	2702.1	2632.6	2542.7	2452.8	2380.1	2307.1	2417.7	2528.1	2783.6	2897.2
2663.1	62.5°	2588.9	2514.7	2409.7	2305.0	2258.7	2212.5	2350.4	2488.5	2725.5	2739.5
2513.6	65°	2442.7	2371.7	2259.2	2146.9	2129.2	2111.4	2258.3	2405.0	2585.7	2584.0
2342.6	67.5°	2275.5	2208.2	2104.3	2000.6	2006.2	2011.8	2134.0	2256.1	2357.7	2362.4
2153.3	70°	2095.2	2037.2	1945.9	1854.7	1874.1	1893.5	1980.4	2067.3	2100.6	2100.6
1929.6	72.5°	1877.1	1824.6	1753.0	1681.1	1709.3	1737.7	1797.3	1856.9	1856.5	1835.4
1673.6	75°	1626.1	1578.5	1525.2	1471.8	1499.2	1526.3	1572.3	1618.1	1626.3	1529.1
1418.7	77.5°	1377.8	1337.0	1293.7	1250.3	1277.8	1305.3	1342.1	1378.9	1383.2	1222.9
1139.0	80°	1104.6	1070.2	1034.3	998.1	1021.4	1044.4	1075.4	1106.1	1106.8	915.3
720.6	82.5°	732.7	744.7	747.7	750.8	767.1	783.5	798.5	813.6	804.5	641.0
368.9	85°	402.3	435.6	451.3	466.8	485.1	503.4	519.5	535.6	523.8	402.3
164.6	87.5°	190.2	215.5	216.2	216.8	220.3	223.7	230.2	236.6	221.6	171.0
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: P955361  
 CATALOG NUMBER: GALN-SB8B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
5606.0	0°	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0	5606.0
5691.6	2.5°	5738.9	5788.4	5837.8	5886.9	5936.2	5982.4	6028.7
5773.7	5°	5869.5	5971.9	6074.5	6176.2	6278.2	6380.4	6482.6
5853.1	7.5°	5986.7	6138.4	6290.0	6445.8	6601.5	6769.9	6938.6
5923.9	10°	6081.8	6266.1	6450.3	6655.9	6861.8	7075.0	7288.2
5954.2	12.5°	6133.0	6350.3	6567.5	6800.7	7033.9	7267.9	7502.2
5930.8	15°	6137.7	6387.9	6638.1	6891.1	7144.0	7388.2	7632.4
5828.6	17.5°	6077.5	6367.9	6658.3	6934.3	7210.3	7457.9	7705.5
5652.4	20°	5960.9	6312.8	6664.8	6968.1	7271.4	7528.9	7786.2
5445.7	22.5°	5817.2	6245.3	6673.4	7013.7	7353.8	7616.9	7879.7
5214.9	25°	5650.1	6178.6	6707.4	7096.3	7485.0	7742.5	8000.2
5003.8	27.5°	5489.8	6134.1	6778.3	7225.4	7672.2	7918.0	8163.7
4827.4	30°	5350.4	6113.2	6875.6	7392.5	7909.4	8146.7	8384.2
4675.4	32.5°	5214.9	6087.4	6959.5	7567.0	8174.4	8409.4	8644.5
4525.8	35°	5057.0	6038.8	7021.0	7765.7	8510.5	8735.7	8960.7
4349.9	37.5°	4853.5	5955.5	7057.6	7988.4	8919.2	9206.2	9493.1
4139.9	40°	4601.4	5840.9	7080.6	8271.0	9461.3	9879.5	10297.7
3908.2	42.5°	4321.3	5722.5	7124.2	8640.8	10157.4	10761.0	11364.6
3662.2	45°	4024.4	5612.6	7201.0	9127.4	11053.8	11868.0	12682.2
3467.5	47.5°	3789.9	5521.8	7253.7	9645.8	12038.0	13184.1	14330.0
3338.2	50°	3626.4	5422.9	7219.3	10126.9	13034.4	14762.2	16489.8
3253.0	52.5°	3504.3	5255.7	7007.4	10439.2	13870.7	16419.9	18969.0
3191.3	55°	3387.7	4978.7	6569.7	10370.4	14170.8	17889.6	21608.5
3118.1	57.5°	3256.9	4588.0	5918.9	9885.9	13853.1	18931.2	24009.2
3006.3	60°	3115.3	4080.8	5046.2	8984.4	12922.5	19191.5	25460.2
2811.8	62.5°	2884.3	3473.7	4063.1	7765.3	11467.5	18095.4	24723.4
2618.2	65°	2652.4	2927.5	3202.7	6521.5	9840.5	16544.7	23248.8
2343.5	67.5°	2324.3	2402.6	2480.7	5303.1	8125.4	14699.2	21272.9
2012.2	70°	1923.6	1901.4	1879.0	4175.4	6471.8	12685.5	18899.1
1710.0	72.5°	1584.3	1516.8	1449.5	3192.1	4934.8	10502.4	16070.3
1388.4	75°	1247.7	1186.6	1125.5	2316.8	3508.1	8000.0	12491.8
1086.3	77.5°	949.7	908.0	866.5	1569.9	2273.4	5599.3	8925.2
799.8	80°	684.1	666.9	649.7	1011.5	1373.5	3607.5	5841.5
555.9	82.5°	470.7	467.2	464.2	622.1	780.4	2087.9	3395.6
339.9	85°	277.5	279.2	280.7	332.6	384.6	939.2	1494.0
145.4	87.5°	120.0	121.5	123.0	137.9	152.7	307.6	462.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)