

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: P956411

Luminaire Tested: **GALN-SB9A-827-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956411  
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-SB9A-827-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

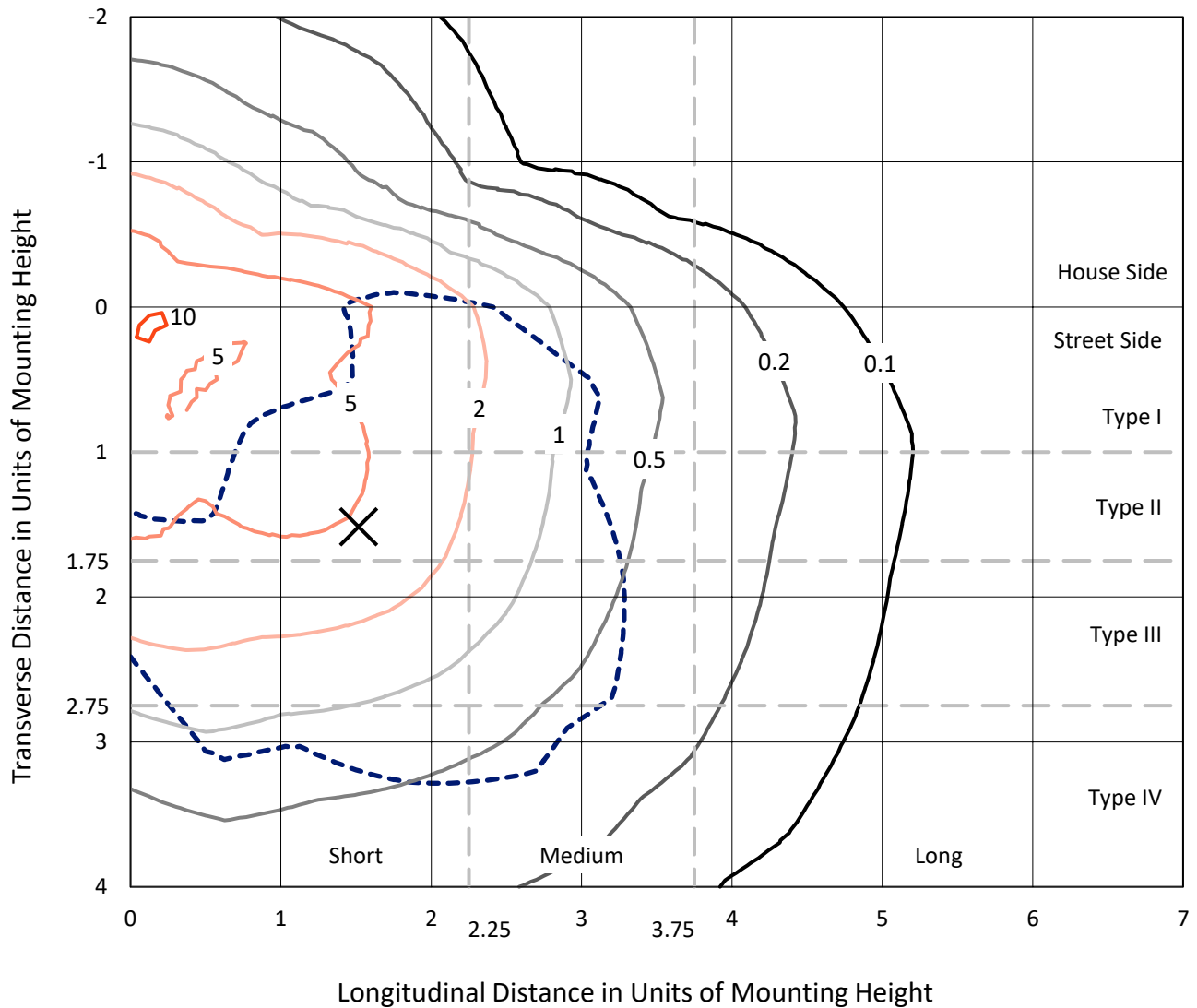
Lumens per Lamp: N/A  
Luminaire Lumens: 35401 lumens  
Efficiency: N/A  
Efficacy: 138.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): 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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

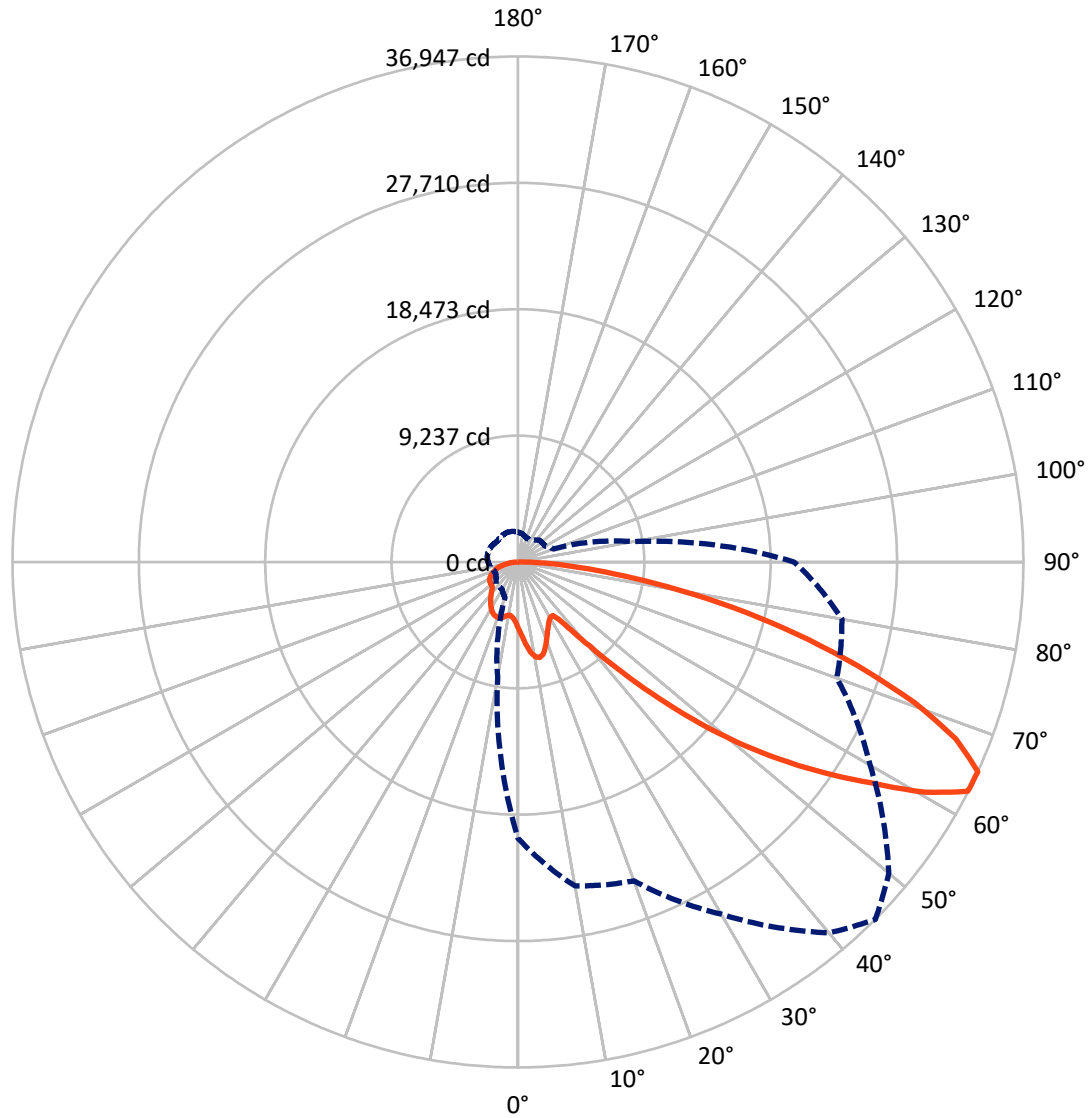
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc  
 Type IV - Short - N/A

REPORT NUMBER: P956411  
CATALOG NUMBER: GALN-SB9A-827-U-SLL

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8997.1	0.0	8997.1
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	26403.8	0.0	26403.8
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	35401.0	0.0	35401.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	482.9	1.4
10°-20°	1515.9	4.3
20°-30°	2341.6	6.6
30°-40°	2967.3	8.4
40°-50°	4475.5	12.6
50°-60°	7230.8	20.4
60°-70°	9014.4	25.5
70°-80°	5911.2	16.7
80°-90°	1461.4	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°	35401.0	100.0
0°-180°	35401.0	100.0

**Coefficient of Utilization**



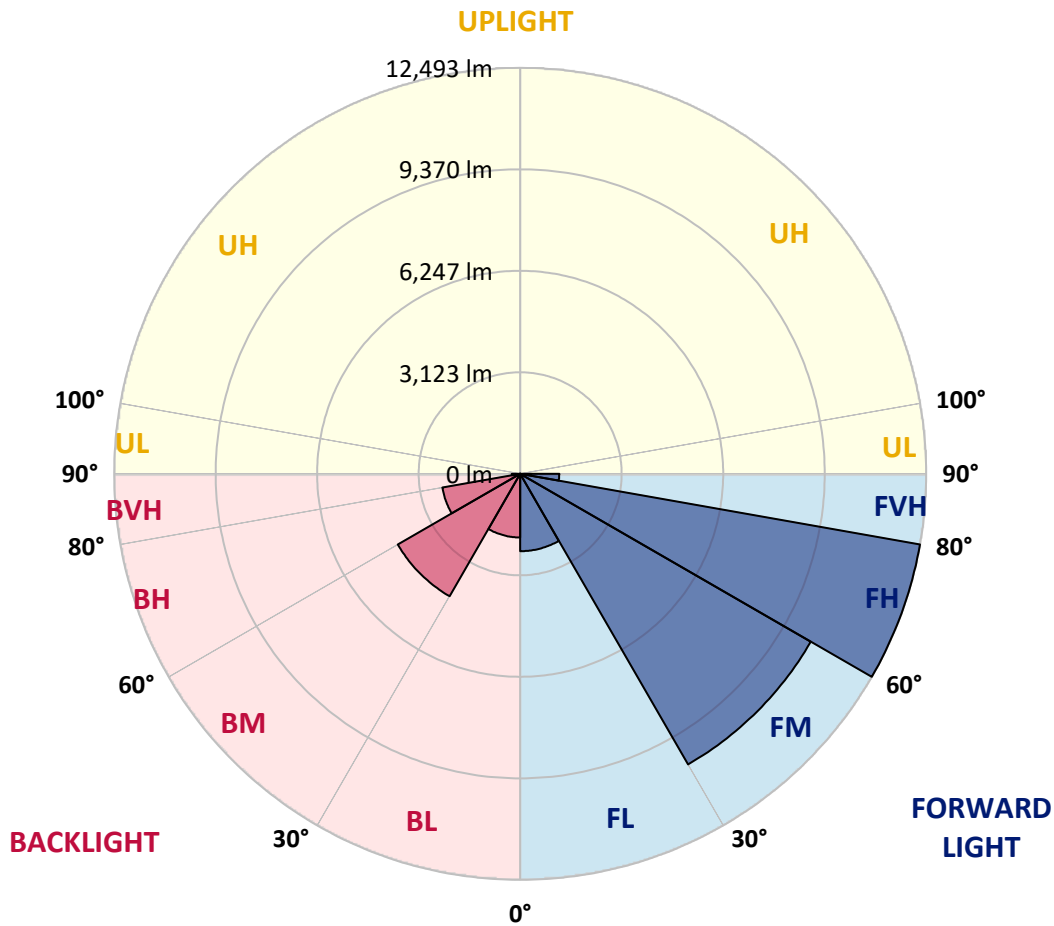
REPORT NUMBER: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2381.1	6.7			
FM (30°-60°)	10325.7	29.2			
FH (60°-80°)	12493.2	35.3			G5
FVH (80°-90°)	1203.9	3.4			G5
BL (0°-30°)	1959.2	5.5	B3/2500		
BM (30°-60°)	4348.0	12.3	B3/5000		
BH (60°-80°)	2432.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	257.5	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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
2.5°	5235.0	5254.8	5274.8	5303.0	5331.2	5348.0	5364.8	5373.2	5381.6	5377.9
5°	5629.1	5698.4	5767.9	5836.7	5905.6	5943.0	5980.3	6002.9	6025.7	6042.9
7.5°	6025.2	6138.0	6250.6	6352.0	6453.5	6514.6	6575.6	6608.7	6641.6	6657.5
10°	6328.7	6462.1	6595.4	6714.4	6833.4	6905.5	6977.3	7009.4	7041.3	7053.5
12.5°	6514.6	6659.1	6803.5	6911.1	7018.4	7070.7	7123.0	7140.5	7158.1	7159.9
15°	6627.6	6752.4	6876.9	6944.4	7012.0	7013.9	7015.7	6997.1	6978.4	6956.3
17.5°	6691.1	6775.3	6859.6	6860.9	6862.0	6786.4	6710.7	6641.4	6571.9	6523.0
20°	6761.1	6790.5	6820.0	6731.2	6642.5	6475.5	6308.5	6186.9	6065.3	5990.6
22.5°	6842.4	6803.9	6765.4	6581.6	6397.8	6152.2	5906.5	5754.5	5602.4	5519.9
25°	6947.0	6825.6	6704.2	6425.1	6146.0	5847.7	5549.4	5389.5	5230.0	5151.9
27.5°	7089.0	6871.9	6654.7	6285.0	5915.5	5584.9	5254.2	5097.0	4939.9	4866.1
30°	7280.4	6956.7	6633.2	6178.1	5723.1	5378.6	5034.2	4888.3	4742.4	4673.7
32.5°	7506.5	7063.2	6620.1	6105.3	5590.5	5266.8	4943.0	4828.5	4713.8	4664.3
35°	7781.0	7238.6	6696.3	6159.8	5623.5	5398.6	5173.9	5147.2	5120.5	5116.4
37.5°	8243.4	7605.3	6967.2	6479.6	5992.1	5977.5	5962.9	6085.1	6207.3	6270.8
40°	8942.0	8248.0	7554.1	7191.5	6828.9	7084.9	7340.8	7637.8	7934.8	8082.7
42.5°	9868.5	9180.0	8491.4	8282.6	8073.8	8631.9	9190.1	9730.3	10270.5	10587.7
45°	11012.6	10394.2	9775.5	9683.4	9591.1	10485.3	11379.7	12267.4	13155.2	13694.1
47.5°	12443.5	11841.8	11240.0	11221.3	11202.6	12492.6	13782.3	15081.8	16381.2	17144.3
50°	14319.0	13575.7	12832.6	12835.8	12839.0	14501.5	16164.0	17879.3	19594.7	20631.8
52.5°	16471.8	15571.8	14672.0	14581.0	14489.9	16475.7	18461.6	20584.0	22706.2	23949.3
55°	18763.8	17874.7	16985.5	16630.8	16276.0	18486.2	20696.2	23226.4	25756.6	27235.1
57.5°	20848.5	20364.3	19879.9	19168.4	18457.1	20688.8	22920.4	25786.3	28651.9	30485.3
60°	22108.4	22860.5	23612.7	22729.1	21845.6	23957.5	26069.5	29137.8	32206.1	34187.7
62.5°	21468.6	23523.6	25578.6	25479.0	25379.2	27313.9	29248.7	32168.0	35087.1	36918.7
65°	20188.1	22116.8	24045.5	24427.1	24808.6	27267.2	29726.0	32556.7	35387.3	36946.7
67.5°	18472.4	20306.8	22141.1	22320.1	22498.8	25060.6	27622.1	30465.0	33307.9	34529.5
70°	16411.1	18406.3	20401.6	20481.6	20561.7	22852.6	25143.3	27589.8	30036.1	30715.1
72.5°	13954.7	16244.3	18534.0	18591.6	18648.9	20441.2	22233.6	24065.9	25898.0	25966.7
75°	10847.3	13217.0	15586.8	15799.5	16012.3	17406.7	18801.2	20091.0	21380.8	21035.3
77.5°	7750.2	9962.3	12174.5	12479.0	12783.5	13843.6	14903.6	15818.4	16733.3	16139.3
80°	5072.5	6933.5	8794.4	9172.9	9551.3	10351.9	11152.2	11632.6	12112.9	11157.4
82.5°	2948.6	4220.9	5493.3	5916.1	6339.0	6890.0	7441.1	7641.5	7841.8	7090.8
85°	1297.3	1972.6	2647.9	3007.4	3367.0	3819.8	4272.4	4386.2	4500.0	3898.5
87.5°	401.6	628.6	855.5	1056.2	1256.8	1483.2	1709.6	1719.3	1728.8	1451.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
5381.6	2.5°	5373.2	5364.8	5348.0	5331.2	5303.0	5274.8	5254.8	5235.0	5194.8	5154.7
6025.7	5°	6002.9	5980.3	5943.0	5905.6	5836.7	5767.9	5698.4	5629.1	5540.4	5451.7
6641.6	7.5°	6608.7	6575.6	6514.6	6453.5	6352.0	6250.6	6138.0	6025.2	5878.7	5732.4
7041.3	10°	7009.4	6977.3	6905.5	6833.4	6714.4	6595.4	6462.1	6328.7	6143.6	5958.5
7158.1	12.5°	7140.5	7123.0	7070.7	7018.4	6911.1	6803.5	6659.1	6514.6	6311.1	6107.9
6978.4	15°	6997.1	7015.7	7013.9	7012.0	6944.4	6876.9	6752.4	6627.6	6415.6	6203.5
6571.9	17.5°	6641.4	6710.7	6786.4	6862.0	6860.9	6859.6	6775.3	6691.1	6476.1	6261.1
6065.3	20°	6186.9	6308.5	6475.5	6642.5	6731.2	6820.0	6790.5	6761.1	6537.7	6314.1
5602.4	22.5°	5754.5	5906.5	6152.2	6397.8	6581.6	6765.4	6803.9	6842.4	6614.1	6385.7
5230.0	25°	5389.5	5549.4	5847.7	6146.0	6425.1	6704.2	6825.6	6947.0	6723.2	6499.6
4939.9	27.5°	5097.0	5254.2	5584.9	5915.5	6285.0	6654.7	6871.9	7089.0	6875.6	6662.1
4742.4	30°	4888.3	5034.2	5378.6	5723.1	6178.1	6633.2	6956.7	7280.4	7074.2	6868.2
4713.8	32.5°	4828.5	4943.0	5266.8	5590.5	6105.3	6620.1	7063.2	7506.5	7302.3	7098.3
5120.5	35°	5147.2	5173.9	5398.6	5623.5	6159.8	6696.3	7238.6	7781.0	7585.7	7390.1
6207.3	37.5°	6085.1	5962.9	5977.5	5992.1	6479.6	6967.2	7605.3	8243.4	7994.2	7745.0
7934.8	40°	7637.8	7340.8	7084.9	6828.9	7191.5	7554.1	8248.0	8942.0	8578.9	8215.7
10270.5	42.5°	9730.3	9190.1	8631.9	8073.8	8282.6	8491.4	9180.0	9868.5	9344.4	8820.2
13155.2	45°	12267.4	11379.7	10485.3	9591.1	9683.4	9775.5	10394.2	11012.6	10305.6	9598.6
16381.2	47.5°	15081.8	13782.3	12492.6	11202.6	11221.3	11240.0	11841.8	12443.5	11448.4	10453.2
19594.7	50°	17879.3	16164.0	14501.5	12839.0	12835.8	12832.6	13575.7	14319.0	12818.8	11318.4
22706.2	52.5°	20584.0	18461.6	16475.7	14489.9	14581.0	14672.0	15571.8	16471.8	14258.3	12044.7
25756.6	55°	23226.4	20696.2	18486.2	16276.0	16630.8	16985.5	17874.7	18763.8	15534.5	12305.3
28651.9	57.5°	25786.3	22920.4	20688.8	18457.1	19168.4	19879.9	20364.3	20848.5	16438.9	12029.4
32206.1	60°	29137.8	26069.5	23957.5	21845.6	22729.1	23612.7	22860.5	22108.4	16665.0	11221.3
35087.1	62.5°	32168.0	29248.7	27313.9	25379.2	25479.0	25578.6	23523.6	21468.6	15713.2	9957.8
35387.3	65°	32556.7	29726.0	27267.2	24808.6	24427.1	24045.5	22116.8	20188.1	14366.6	8545.1
33307.9	67.5°	30465.0	27622.1	25060.6	22498.8	22320.1	22141.1	20306.8	18472.4	12764.1	7055.7
30036.1	70°	27589.8	25143.3	22852.6	20561.7	20481.6	20401.6	18406.3	16411.1	11015.4	5619.8
25898.0	72.5°	24065.9	22233.6	20441.2	18648.9	18591.6	18534.0	16244.3	13954.7	9119.8	4285.1
21380.8	75°	20091.0	18801.2	17406.7	16012.3	15799.5	15586.8	13217.0	10847.3	6946.8	3046.3
16733.3	77.5°	15818.4	14903.6	13843.6	12783.5	12479.0	12174.5	9962.3	7750.2	4862.2	1974.1
12112.9	80°	11632.6	11152.2	10351.9	9551.3	9172.9	8794.4	6933.5	5072.5	3132.6	1192.7
7841.8	82.5°	7641.5	7441.1	6890.0	6339.0	5916.1	5493.3	4220.9	2948.6	1813.1	677.7
4500.0	85°	4386.2	4272.4	3819.8	3367.0	3007.4	2647.9	1972.6	1297.3	815.6	334.0
1728.8	87.5°	1719.3	1709.6	1483.2	1256.8	1056.2	855.5	628.6	401.6	267.1	132.6
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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
5111.9	2.5°	5069.3	5026.3	4983.4	4942.3	4901.2	4861.4	4817.1	4781.3	4745.6	4713.3
5363.1	5°	5274.8	5185.7	5096.8	5013.6	4930.5	4852.1	4774.5	4706.9	4639.1	4582.3
5597.2	7.5°	5462.0	5330.3	5198.6	5082.6	4966.6	4859.5	4759.2	4669.2	4579.3	4504.6
5779.7	10°	5601.1	5441.2	5281.1	5144.0	5006.5	4874.5	4766.7	4671.8	4576.9	4502.2
5905.4	12.5°	5702.9	5514.3	5325.6	5170.4	5015.1	4876.3	4776.0	4698.3	4621.0	4571.3
5983.9	15°	5764.2	5547.0	5329.7	5150.0	4970.3	4816.6	4736.3	4699.1	4662.1	4668.8
6021.4	17.5°	5781.8	5529.6	5277.4	5061.3	4845.2	4664.3	4614.8	4628.5	4641.9	4723.4
6050.7	20°	5787.4	5481.8	5176.2	4908.3	4640.4	4429.9	4416.8	4480.3	4543.8	4685.3
6090.3	22.5°	5794.8	5423.1	5051.4	4728.8	4406.2	4166.5	4192.1	4286.1	4380.0	4541.4
6162.1	25°	5824.3	5365.2	4906.2	4528.3	4150.6	3905.0	3974.1	4082.5	4190.8	4335.9
6274.2	27.5°	5886.0	5326.5	4767.1	4345.1	3923.1	3699.5	3783.6	3888.2	3992.8	4112.2
6419.3	30°	5970.4	5308.4	4646.0	4191.9	3737.8	3550.1	3616.0	3699.0	3782.3	3881.3
6570.8	32.5°	6043.3	5286.0	4528.3	4059.9	3591.2	3439.9	3469.2	3518.3	3567.5	3646.5
6743.4	35°	6096.7	5243.8	4391.2	3930.0	3468.8	3342.7	3330.6	3344.0	3357.7	3418.0
6936.7	37.5°	6128.5	5171.5	4214.5	3777.2	3339.9	3229.7	3185.3	3170.3	3155.4	3198.7
7182.2	40°	6148.4	5071.9	3995.6	3594.9	3194.2	3094.3	3026.1	2992.3	2958.5	2989.7
7503.3	42.5°	6186.4	4969.2	3752.4	3393.7	3035.1	2943.0	2857.1	2812.2	2767.4	2792.8
7925.8	45°	6253.0	4873.7	3494.6	3180.0	2865.5	2772.1	2688.9	2645.2	2601.7	2623.0
8376.0	47.5°	6298.8	4794.9	3291.0	3011.0	2731.0	2610.5	2539.0	2502.3	2465.7	2485.9
8793.7	50°	6268.9	4709.0	3149.0	2898.7	2648.4	2490.0	2406.9	2374.4	2342.1	2373.4
9064.9	52.5°	6084.9	4563.8	3042.9	2824.8	2606.8	2424.6	2308.4	2276.3	2244.4	2291.6
9005.1	55°	5704.8	4323.2	2941.7	2771.1	2600.6	2431.2	2256.1	2205.3	2154.7	2221.8
8584.5	57.5°	5139.7	3984.0	2828.1	2707.6	2587.1	2437.7	2224.8	2150.8	2076.8	2148.9
7801.6	60°	4381.9	3543.5	2705.2	2610.5	2515.8	2417.2	2195.2	2099.4	2003.4	2066.7
6743.0	62.5°	3528.2	3016.4	2504.6	2441.6	2378.9	2366.7	2160.9	2040.9	1921.2	1961.4
5663.0	65°	2781.0	2542.1	2303.2	2273.5	2243.8	2245.3	2088.4	1961.0	1833.4	1848.9
4604.9	67.5°	2154.1	2086.3	2018.3	2035.0	2051.4	2047.3	1959.1	1853.0	1746.9	1742.1
3625.7	70°	1631.7	1651.1	1670.3	1747.3	1824.1	1824.1	1795.1	1719.7	1644.2	1627.4
2771.9	72.5°	1258.6	1317.1	1375.8	1484.9	1593.8	1612.1	1612.4	1560.7	1509.0	1484.3
2011.8	75°	977.3	1030.4	1083.4	1205.6	1327.8	1412.2	1405.1	1365.3	1325.3	1301.8
1363.2	77.5°	752.4	788.5	824.7	943.3	1061.9	1201.1	1197.4	1165.4	1133.5	1109.6
878.3	80°	564.1	579.1	594.0	694.5	794.8	961.1	960.5	933.8	906.9	886.9
540.2	82.5°	403.1	405.7	408.7	482.7	556.7	698.6	706.5	693.4	680.3	666.1
288.8	85°	243.8	242.5	241.0	295.1	349.3	454.9	465.1	451.1	437.1	421.2
119.7	87.5°	106.8	105.5	104.2	126.3	148.5	192.4	205.5	199.9	194.3	191.3
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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
4681.1	2.5°	4652.9	4624.7	4596.3	4568.1	4546.3	4524.2	4506.5	4488.7	4474.9	4461.1
4525.7	5°	4475.7	4425.6	4380.2	4334.6	4299.7	4264.6	4240.1	4215.6	4198.3	4180.9
4429.9	7.5°	4367.0	4303.8	4248.1	4192.7	4151.0	4109.5	4080.4	4051.3	4031.3	4011.5
4427.5	10°	4359.7	4291.7	4229.1	4166.5	4116.8	4067.0	4034.5	4001.6	3982.7	3963.8
4522.0	12.5°	4468.6	4415.5	4350.7	4286.1	4222.6	4159.0	4117.0	4075.0	4053.9	4033.0
4675.5	15°	4661.7	4647.9	4591.7	4535.4	4445.0	4354.6	4290.7	4226.9	4197.5	4168.4
4804.8	17.5°	4848.1	4891.3	4845.9	4800.7	4681.0	4561.2	4467.1	4372.9	4329.6	4286.1
4826.8	20°	4917.4	5008.0	4987.1	4966.0	4829.1	4692.4	4576.9	4461.7	4406.2	4350.5
4703.2	22.5°	4821.1	4938.9	4951.6	4964.1	4833.4	4702.6	4583.8	4464.8	4406.4	4347.7
4481.3	25°	4597.3	4713.3	4756.6	4799.8	4692.5	4585.5	4479.8	4374.4	4323.6	4273.0
4231.3	27.5°	4324.4	4417.4	4465.6	4514.0	4437.6	4361.3	4279.3	4197.3	4163.3	4129.2
3980.3	30°	4057.4	4134.8	4174.0	4213.2	4155.1	4096.8	4038.2	3979.2	3961.8	3944.2
3725.7	32.5°	3799.6	3873.8	3917.3	3961.0	3907.6	3854.0	3807.1	3760.2	3748.8	3737.4
3478.2	35°	3551.4	3624.8	3677.1	3729.4	3691.3	3653.4	3610.0	3566.9	3549.5	3532.3
3241.9	37.5°	3314.9	3388.1	3452.8	3517.4	3499.8	3482.3	3442.5	3402.5	3370.9	3339.6
3020.9	40°	3091.5	3162.1	3236.5	3311.0	3315.3	3319.4	3285.6	3251.8	3205.8	3160.2
2818.4	42.5°	2885.3	2952.3	3032.7	3113.0	3134.5	3155.9	3127.4	3099.0	3042.0	2985.0
2644.7	45°	2708.2	2771.7	2855.0	2938.3	2969.1	3000.0	2974.2	2948.6	2883.4	2818.4
2505.9	47.5°	2568.1	2630.1	2712.3	2794.5	2830.0	2865.5	2847.5	2829.6	2771.7	2713.8
2405.0	50°	2463.7	2522.1	2595.7	2669.3	2714.9	2760.5	2759.4	2758.6	2712.3	2666.0
2338.7	52.5°	2392.5	2446.1	2514.7	2583.4	2637.4	2691.4	2701.1	2710.8	2673.1	2635.3
2288.6	55°	2346.5	2404.5	2464.6	2524.6	2581.7	2639.1	2652.5	2666.0	2633.1	2600.2
2221.0	57.5°	2289.0	2357.0	2416.4	2476.0	2533.7	2591.3	2604.9	2618.5	2585.3	2552.0
2129.9	60°	2207.9	2286.0	2346.4	2406.9	2464.8	2522.7	2537.6	2552.6	2520.1	2487.8
2001.5	62.5°	2092.5	2183.7	2248.1	2312.6	2365.6	2418.7	2433.0	2447.4	2418.1	2388.8
1864.2	65°	1961.7	2059.4	2121.1	2182.7	2229.4	2276.1	2290.9	2305.5	2277.2	2249.0
1737.2	67.5°	1827.3	1917.5	1975.9	2034.2	2074.6	2114.9	2129.3	2143.5	2117.5	2091.8
1610.6	70°	1689.8	1769.0	1819.4	1869.8	1906.3	1942.7	1956.5	1970.3	1949.2	1928.1
1459.8	72.5°	1522.2	1584.4	1630.0	1675.6	1711.3	1746.9	1763.4	1779.8	1762.2	1744.7
1278.1	75°	1324.4	1370.7	1412.0	1453.3	1485.8	1518.3	1535.5	1552.7	1544.1	1535.5
1085.7	77.5°	1123.4	1160.9	1196.4	1231.9	1266.1	1300.1	1316.2	1332.2	1320.3	1308.0
866.7	80°	898.1	929.3	959.2	989.1	1015.1	1040.8	1062.1	1083.4	1078.2	1073.2
651.9	82.5°	649.3	646.7	636.2	625.8	681.1	736.4	772.6	808.8	806.6	804.2
405.4	85°	391.9	378.3	349.3	320.4	372.1	424.0	468.9	513.7	510.0	506.2
188.3	87.5°	187.7	187.2	165.1	142.9	164.6	186.4	204.5	222.7	218.2	213.3
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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
4448.4	2.5°	4435.5	4419.6	4435.5	4448.4	4461.1	4474.9	4488.7	4506.5	4524.2	4546.3
4167.6	5°	4154.4	4141.3	4154.4	4167.6	4180.9	4198.3	4215.6	4240.1	4264.6	4299.7
3999.5	7.5°	3987.8	3978.8	3987.8	3999.5	4011.5	4031.3	4051.3	4080.4	4109.5	4151.0
3953.8	10°	3943.7	3939.6	3943.7	3953.8	3963.8	3982.7	4001.6	4034.5	4067.0	4116.8
4024.4	12.5°	4015.8	4014.3	4015.8	4024.4	4033.0	4053.9	4075.0	4117.0	4159.0	4222.6
4157.2	15°	4146.0	4145.0	4146.0	4157.2	4168.4	4197.5	4226.9	4290.7	4354.6	4445.0
4271.9	17.5°	4257.5	4255.2	4257.5	4271.9	4286.1	4329.6	4372.9	4467.1	4561.2	4681.0
4332.8	20°	4315.0	4309.4	4315.0	4332.8	4350.5	4406.2	4461.7	4576.9	4692.4	4829.1
4328.1	22.5°	4308.5	4300.1	4308.5	4328.1	4347.7	4406.4	4464.8	4583.8	4702.6	4833.4
4254.5	25°	4236.2	4225.4	4236.2	4254.5	4273.0	4323.6	4374.4	4479.8	4585.5	4692.5
4120.8	27.5°	4112.3	4109.5	4112.3	4120.8	4129.2	4163.3	4197.3	4279.3	4361.3	4437.6
3944.2	30°	3944.2	3947.0	3944.2	3944.2	3944.2	3961.8	3979.2	4038.2	4096.8	4155.1
3738.9	32.5°	3740.6	3743.4	3740.6	3738.9	3737.4	3748.8	3760.2	3807.1	3854.0	3907.6
3528.6	35°	3524.9	3523.0	3524.9	3528.6	3532.3	3549.5	3566.9	3610.0	3653.4	3691.3
3322.9	37.5°	3306.3	3297.0	3306.3	3322.9	3339.6	3370.9	3402.5	3442.5	3482.3	3499.8
3129.2	40°	3098.6	3080.3	3098.6	3129.2	3160.2	3205.8	3251.8	3285.6	3319.4	3315.3
2940.0	42.5°	2895.0	2865.5	2895.0	2940.0	2985.0	3042.0	3099.0	3127.4	3155.9	3134.5
2765.5	45°	2712.7	2678.7	2712.7	2765.5	2818.4	2883.4	2948.6	2974.2	3000.0	2969.1
2664.9	47.5°	2616.1	2583.4	2616.1	2664.9	2713.8	2771.7	2829.6	2847.5	2865.5	2830.0
2620.8	50°	2575.6	2544.2	2575.6	2620.8	2666.0	2712.3	2758.6	2759.4	2760.5	2714.9
2594.8	52.5°	2554.5	2525.5	2554.5	2594.8	2635.3	2673.1	2710.8	2701.1	2691.4	2637.4
2564.7	55°	2529.2	2503.1	2529.2	2564.7	2600.2	2633.1	2666.0	2652.5	2639.1	2581.7
2516.9	57.5°	2481.6	2454.5	2481.6	2516.9	2552.0	2585.3	2618.5	2604.9	2591.3	2533.7
2451.5	60°	2415.3	2387.3	2415.3	2451.5	2487.8	2520.1	2552.6	2537.6	2522.7	2464.8
2350.7	62.5°	2312.6	2278.9	2312.6	2350.7	2388.8	2418.1	2447.4	2433.0	2418.7	2365.6
2212.1	65°	2175.3	2146.3	2175.3	2212.1	2249.0	2277.2	2305.5	2290.9	2276.1	2229.4
2057.4	67.5°	2023.0	1996.9	2023.0	2057.4	2091.8	2117.5	2143.5	2129.3	2114.9	2074.6
1895.2	70°	1862.4	1832.5	1862.4	1895.2	1928.1	1949.2	1970.3	1956.5	1942.7	1906.3
1713.3	72.5°	1682.1	1653.2	1682.1	1713.3	1744.7	1762.2	1779.8	1763.4	1746.9	1711.3
1509.1	75°	1482.8	1455.2	1482.8	1509.1	1535.5	1544.1	1552.7	1535.5	1518.3	1485.8
1281.4	77.5°	1254.9	1232.9	1254.9	1281.4	1308.0	1320.3	1332.2	1316.2	1300.1	1266.1
1037.5	80°	1001.6	960.1	1001.6	1037.5	1073.2	1078.2	1083.4	1062.1	1040.8	1015.1
774.1	82.5°	743.8	717.3	743.8	774.1	804.2	806.6	808.8	772.6	736.4	681.1
482.7	85°	459.1	435.2	459.1	482.7	506.2	510.0	513.7	468.9	424.0	372.1
201.4	87.5°	189.0	177.5	189.0	201.4	213.3	218.2	222.7	204.5	186.4	164.6
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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
4568.1	2.5°	4596.3	4624.7	4652.9	4681.1	4713.3	4745.6	4781.3	4817.1	4861.4	4901.2
4334.6	5°	4380.2	4425.6	4475.7	4525.7	4582.3	4639.1	4706.9	4774.5	4852.1	4930.5
4192.7	7.5°	4248.1	4303.8	4367.0	4429.9	4504.6	4579.3	4669.2	4759.2	4859.5	4966.6
4166.5	10°	4229.1	4291.7	4359.7	4427.5	4502.2	4576.9	4671.8	4766.7	4874.5	5006.5
4286.1	12.5°	4350.7	4415.5	4468.6	4522.0	4571.3	4621.0	4698.3	4776.0	4876.3	5015.1
4535.4	15°	4591.7	4647.9	4661.7	4675.5	4668.8	4662.1	4699.1	4736.3	4816.6	4970.3
4800.7	17.5°	4845.9	4891.3	4848.1	4804.8	4723.4	4641.9	4628.5	4614.8	4664.3	4845.2
4966.0	20°	4987.1	5008.0	4917.4	4826.8	4685.3	4543.8	4480.3	4416.8	4429.9	4640.4
4964.1	22.5°	4951.6	4938.9	4821.1	4703.2	4541.4	4380.0	4286.1	4192.1	4166.5	4406.2
4799.8	25°	4756.6	4713.3	4597.3	4481.3	4335.9	4190.8	4082.5	3974.1	3905.0	4150.6
4514.0	27.5°	4465.6	4417.4	4324.4	4231.3	4112.2	3992.8	3888.2	3783.6	3699.5	3923.1
4213.2	30°	4174.0	4134.8	4057.4	3980.3	3881.3	3782.3	3699.0	3616.0	3550.1	3737.8
3961.0	32.5°	3917.3	3873.8	3799.6	3725.7	3646.5	3567.5	3518.3	3469.2	3439.9	3591.2
3729.4	35°	3677.1	3624.8	3551.4	3478.2	3418.0	3357.7	3344.0	3330.6	3342.7	3468.8
3517.4	37.5°	3452.8	3388.1	3314.9	3241.9	3198.7	3155.4	3170.3	3185.3	3229.7	3339.9
3311.0	40°	3236.5	3162.1	3091.5	3020.9	2989.7	2958.5	2992.3	3026.1	3094.3	3194.2
3113.0	42.5°	3032.7	2952.3	2885.3	2818.4	2792.8	2767.4	2812.2	2857.1	2943.0	3035.1
2938.3	45°	2855.0	2771.7	2708.2	2644.7	2623.0	2601.7	2645.2	2688.9	2772.1	2865.5
2794.5	47.5°	2712.3	2630.1	2568.1	2505.9	2485.9	2465.7	2502.3	2539.0	2610.5	2731.0
2669.3	50°	2595.7	2522.1	2463.7	2405.0	2373.4	2342.1	2374.4	2406.9	2490.0	2648.4
2583.4	52.5°	2514.7	2446.1	2392.5	2338.7	2291.6	2244.4	2276.3	2308.4	2424.6	2606.8
2524.6	55°	2464.6	2404.5	2346.5	2288.6	2221.8	2154.7	2205.3	2256.1	2431.2	2600.6
2476.0	57.5°	2416.4	2357.0	2289.0	2221.0	2148.9	2076.8	2150.8	2224.8	2437.7	2587.1
2406.9	60°	2346.4	2286.0	2207.9	2129.9	2066.7	2003.4	2099.4	2195.2	2417.2	2515.8
2312.6	62.5°	2248.1	2183.7	2092.5	2001.5	1961.4	1921.2	2040.9	2160.9	2366.7	2378.9
2182.7	65°	2121.1	2059.4	1961.7	1864.2	1848.9	1833.4	1961.0	2088.4	2245.3	2243.8
2034.2	67.5°	1975.9	1917.5	1827.3	1737.2	1742.1	1746.9	1853.0	1959.1	2047.3	2051.4
1869.8	70°	1819.4	1769.0	1689.8	1610.6	1627.4	1644.2	1719.7	1795.1	1824.1	1824.1
1675.6	72.5°	1630.0	1584.4	1522.2	1459.8	1484.3	1509.0	1560.7	1612.4	1612.1	1593.8
1453.3	75°	1412.0	1370.7	1324.4	1278.1	1301.8	1325.3	1365.3	1405.1	1412.2	1327.8
1231.9	77.5°	1196.4	1160.9	1123.4	1085.7	1109.6	1133.5	1165.4	1197.4	1201.1	1061.9
989.1	80°	959.2	929.3	898.1	866.7	886.9	906.9	933.8	960.5	961.1	794.8
625.8	82.5°	636.2	646.7	649.3	651.9	666.1	680.3	693.4	706.5	698.6	556.7
320.4	85°	349.3	378.3	391.9	405.4	421.2	437.1	451.1	465.1	454.9	349.3
142.9	87.5°	165.1	187.2	187.7	188.3	191.3	194.3	199.9	205.5	192.4	148.5
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: P956411  
 CATALOG NUMBER: GALN-SB9A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
4867.9	0°	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9	4867.9
4942.3	2.5°	4983.4	5026.3	5069.3	5111.9	5154.7	5194.8	5235.0
5013.6	5°	5096.8	5185.7	5274.8	5363.1	5451.7	5540.4	5629.1
5082.6	7.5°	5198.6	5330.3	5462.0	5597.2	5732.4	5878.7	6025.2
5144.0	10°	5281.1	5441.2	5601.1	5779.7	5958.5	6143.6	6328.7
5170.4	12.5°	5325.6	5514.3	5702.9	5905.4	6107.9	6311.1	6514.6
5150.0	15°	5329.7	5547.0	5764.2	5983.9	6203.5	6415.6	6627.6
5061.3	17.5°	5277.4	5529.6	5781.8	6021.4	6261.1	6476.1	6691.1
4908.3	20°	5176.2	5481.8	5787.4	6050.7	6314.1	6537.7	6761.1
4728.8	22.5°	5051.4	5423.1	5794.8	6090.3	6385.7	6614.1	6842.4
4528.3	25°	4906.2	5365.2	5824.3	6162.1	6499.6	6723.2	6947.0
4345.1	27.5°	4767.1	5326.5	5886.0	6274.2	6662.1	6875.6	7089.0
4191.9	30°	4646.0	5308.4	5970.4	6419.3	6868.2	7074.2	7280.4
4059.9	32.5°	4528.3	5286.0	6043.3	6570.8	7098.3	7302.3	7506.5
3930.0	35°	4391.2	5243.8	6096.7	6743.4	7390.1	7585.7	7781.0
3777.2	37.5°	4214.5	5171.5	6128.5	6936.7	7745.0	7994.2	8243.4
3594.9	40°	3995.6	5071.9	6148.4	7182.2	8215.7	8578.9	8942.0
3393.7	42.5°	3752.4	4969.2	6186.4	7503.3	8820.2	9344.4	9868.5
3180.0	45°	3494.6	4873.7	6253.0	7925.8	9598.6	10305.6	11012.6
3011.0	47.5°	3291.0	4794.9	6298.8	8376.0	10453.2	11448.4	12443.5
2898.7	50°	3149.0	4709.0	6268.9	8793.7	11318.4	12818.8	14319.0
2824.8	52.5°	3042.9	4563.8	6084.9	9064.9	12044.7	14258.3	16471.8
2771.1	55°	2941.7	4323.2	5704.8	9005.1	12305.3	15534.5	18763.8
2707.6	57.5°	2828.1	3984.0	5139.7	8584.5	12029.4	16438.9	20848.5
2610.5	60°	2705.2	3543.5	4381.9	7801.6	11221.3	16665.0	22108.4
2441.6	62.5°	2504.6	3016.4	3528.2	6743.0	9957.8	15713.2	21468.6
2273.5	65°	2303.2	2542.1	2781.0	5663.0	8545.1	14366.6	20188.1
2035.0	67.5°	2018.3	2086.3	2154.1	4604.9	7055.7	12764.1	18472.4
1747.3	70°	1670.3	1651.1	1631.7	3625.7	5619.8	11015.4	16411.1
1484.9	72.5°	1375.8	1317.1	1258.6	2771.9	4285.1	9119.8	13954.7
1205.6	75°	1083.4	1030.4	977.3	2011.8	3046.3	6946.8	10847.3
943.3	77.5°	824.7	788.5	752.4	1363.2	1974.1	4862.2	7750.2
694.5	80°	594.0	579.1	564.1	878.3	1192.7	3132.6	5072.5
482.7	82.5°	408.7	405.7	403.1	540.2	677.7	1813.1	2948.6
295.1	85°	241.0	242.5	243.8	288.8	334.0	815.6	1297.3
126.3	87.5°	104.2	105.5	106.8	119.7	132.6	267.1	401.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)