

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: P951793

Luminaire Tested: **GALN-SB5D-830-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951793
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-SB5D-830-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46023 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

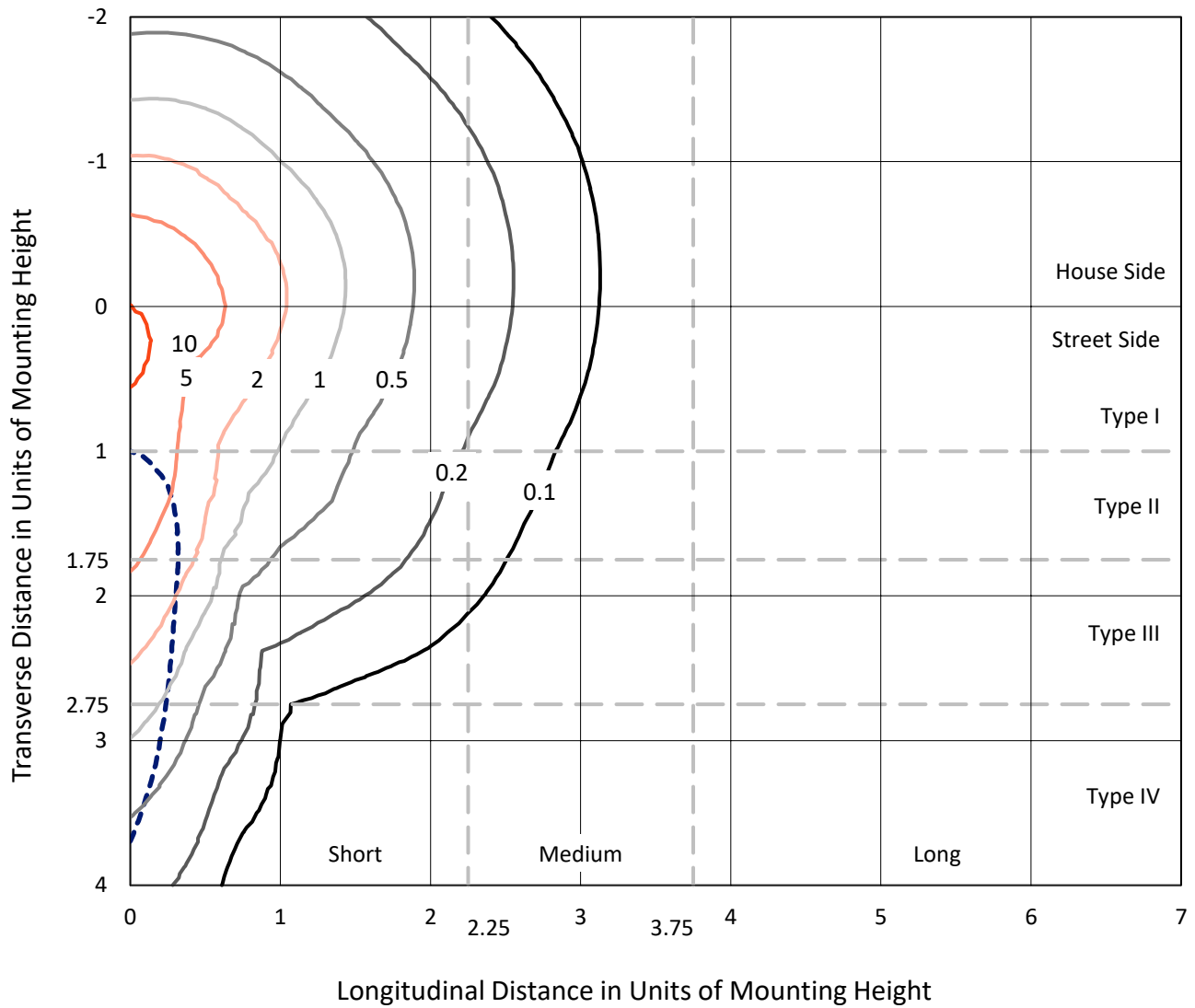
Input Watts (W): 364.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

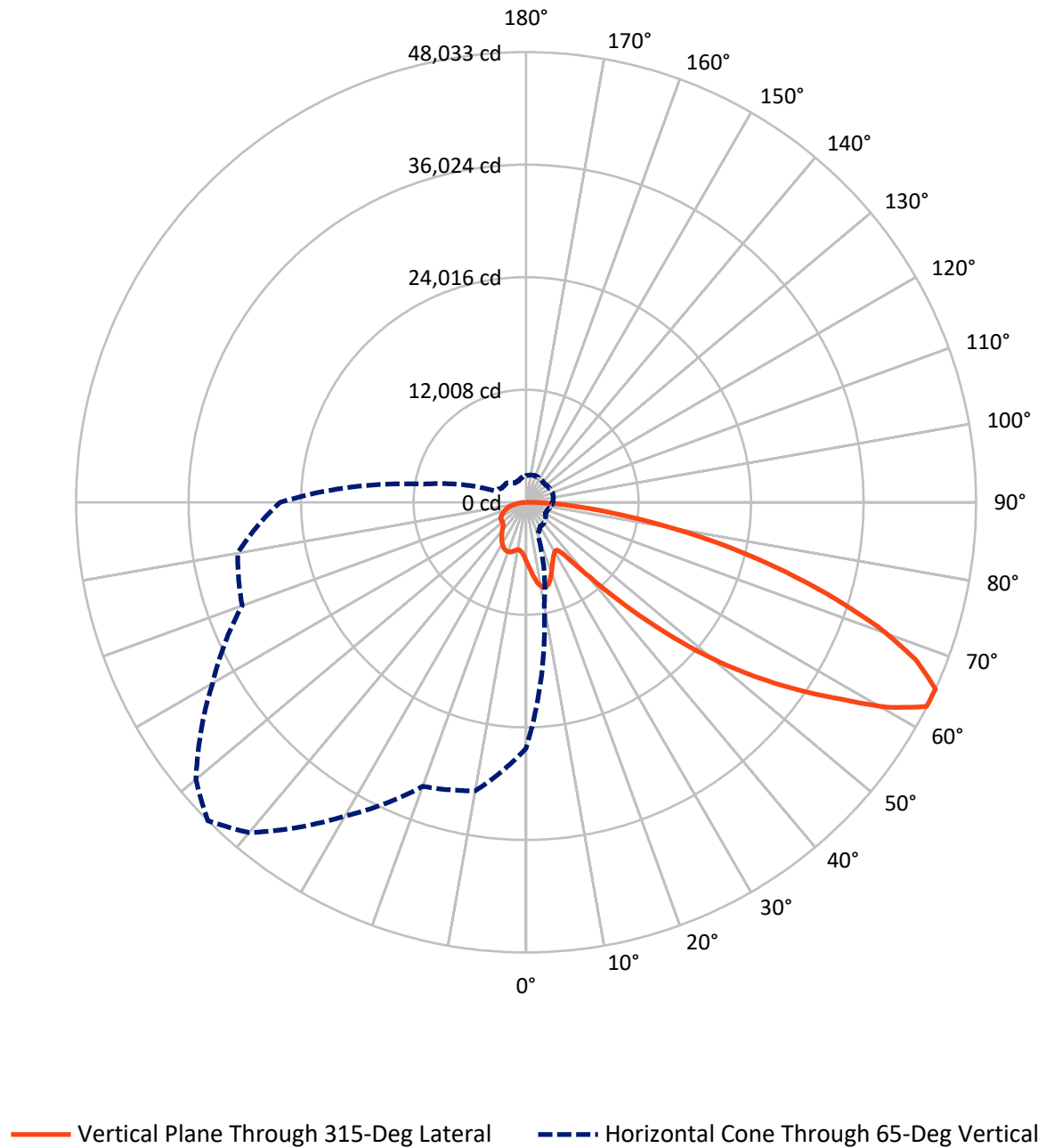
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P951793
CATALOG NUMBER: GALN-SB5D-830-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P951793

CATALOG NUMBER: GALN-SB5D-830-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11696.7	0.0	11696.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	34326.3	0.0	34326.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	46023.0	0.0	46023.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	627.8	1.4
10°-20°	1970.8	4.3
20°-30°	3044.1	6.6
30°-40°	3857.7	8.4
40°-50°	5818.4	12.6
50°-60°	9400.4	20.4
60°-70°	11719.1	25.5
70°-80°	7684.8	16.7
80°-90°	1899.9	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°	46023.0	100.0
0°-180°	46023.0	100.0

Coefficient of Utilization



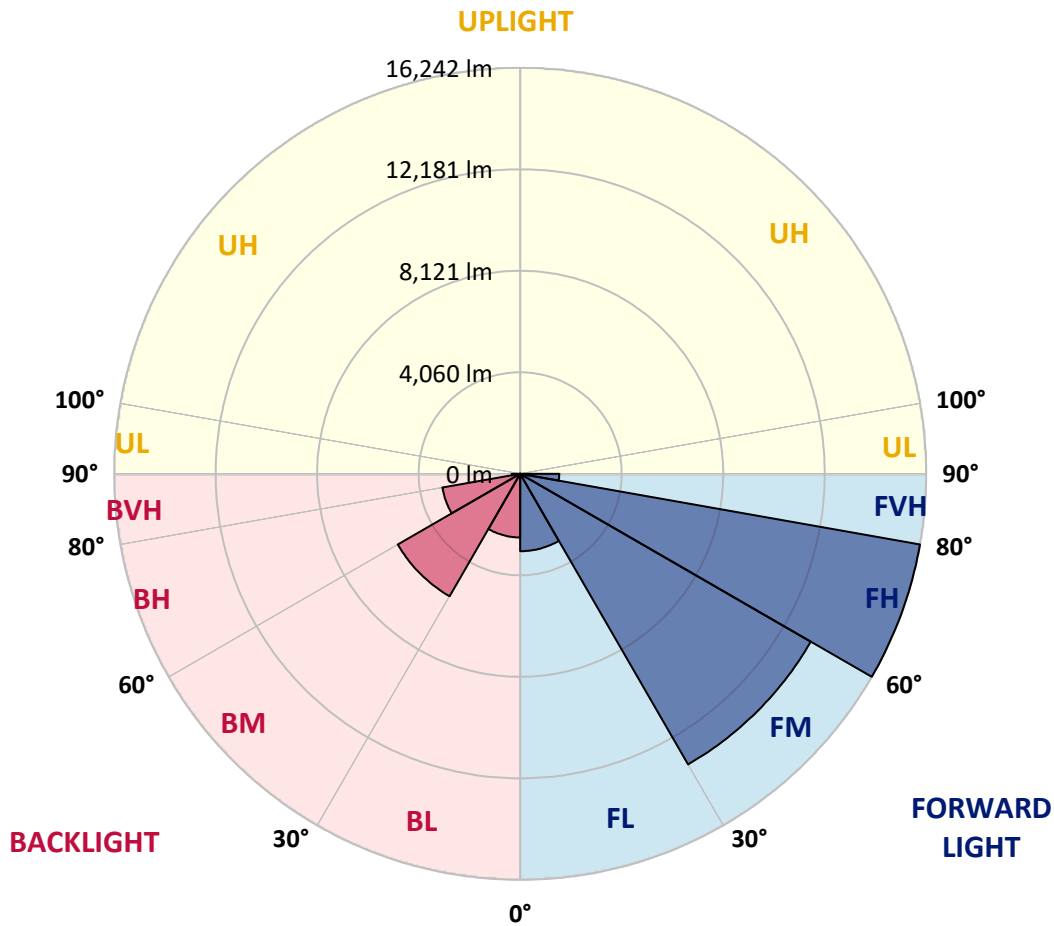
REPORT NUMBER: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3095.6	6.7			
FM (30°-60°)	13423.9	29.2			
FH (60°-80°)	16241.7	35.3			G5
FVH (80°-90°)	1565.1	3.4			G5
BL (0°-30°)	2547.1	5.5	B4/5000		
BM (30°-60°)	5652.6	12.3	B4/8500		
BH (60°-80°)	3162.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	334.8	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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
2.5°	6805.8	6753.5	6701.3	6645.7	6590.3	6534.5	6478.6	6425.2	6371.8	6320.1
5°	7318.2	7202.8	7087.5	6972.3	6857.5	6741.6	6626.0	6518.0	6409.9	6307.9
7.5°	7833.0	7642.6	7452.4	7276.6	7100.8	6929.6	6758.4	6607.6	6456.8	6317.6
10°	8227.6	7987.0	7746.3	7513.9	7281.7	7073.9	6865.7	6687.5	6508.8	6337.1
12.5°	8469.2	8204.8	7940.6	7677.3	7414.1	7168.8	6923.5	6721.7	6519.9	6339.5
15°	8616.2	8340.5	8064.9	7779.3	7493.7	7211.3	6928.9	6695.3	6461.6	6261.8
17.5°	8698.7	8419.2	8139.7	7828.1	7516.6	7188.7	6860.9	6579.9	6298.9	6063.9
20°	8789.8	8499.4	8208.7	7866.3	7523.8	7126.5	6729.3	6381.0	6032.8	5759.1
22.5°	8895.4	8598.7	8301.7	7917.7	7533.6	7050.3	6567.0	6147.6	5728.2	5416.7
25°	9031.4	8740.5	8449.8	8011.0	7571.9	6975.0	6378.3	5887.1	5396.0	5076.7
27.5°	9216.0	8938.7	8661.1	8156.7	7652.1	6924.7	6197.4	5648.8	5100.2	4809.6
30°	9464.9	9196.8	8929.0	8345.4	7761.8	6901.2	6040.1	5449.7	4859.3	4615.3
32.5°	9758.8	9493.3	9228.1	8542.3	7856.5	6872.0	5887.1	5278.0	4668.7	4472.0
35°	10115.7	9861.7	9607.5	8766.7	7926.0	6817.2	5708.8	5109.2	4509.6	4345.7
37.5°	10716.8	10392.8	10068.9	9018.1	7967.3	6723.2	5479.1	4910.6	4342.1	4198.8
40°	11625.0	11152.9	10680.8	9337.2	7993.3	6593.7	5194.5	4673.6	4152.7	4022.7
42.5°	12829.5	12148.1	11466.7	9754.6	8042.6	6460.2	4878.3	4412.0	3945.8	3826.0
45°	14317.0	13397.8	12478.6	10303.9	8129.3	6336.1	4543.2	4134.2	3725.3	3603.8
47.5°	16177.2	14883.5	13589.6	10889.2	8188.8	6233.6	4278.5	3914.4	3550.4	3393.8
50°	18615.3	16665.0	14714.5	11432.2	8149.9	6121.9	4093.9	3768.5	3443.1	3237.1
52.5°	21414.1	18536.4	15658.7	11784.8	7910.7	5933.2	3956.0	3672.3	3388.9	3152.1
55°	24393.9	20195.5	15997.5	11707.1	7416.5	5620.4	3824.3	3602.6	3380.9	3160.6
57.5°	27104.0	21371.4	15638.8	11160.2	6681.9	5179.4	3676.7	3520.0	3363.4	3169.1
60°	28742.0	21665.2	14588.2	10142.5	5696.7	4606.8	3516.9	3393.8	3270.6	3142.4
62.5°	27910.3	20427.9	12945.6	8766.2	4586.9	3921.5	3256.1	3174.2	3092.6	3076.9
65°	26245.5	18677.3	11109.0	7362.1	3615.5	3304.9	2994.3	2955.7	2917.1	2919.0
67.5°	24015.0	16593.9	9172.8	5986.6	2800.5	2712.3	2623.9	2645.6	2666.9	2661.6
70°	21335.2	14320.6	7306.0	4713.6	2121.3	2146.5	2171.5	2271.6	2371.4	2371.4
72.5°	18141.8	11856.2	5570.9	3603.6	1636.3	1712.3	1788.6	1930.4	2072.0	2095.8
75°	14102.0	9031.2	3960.3	2615.4	1270.6	1339.5	1408.5	1567.3	1726.1	1835.9
77.5°	10075.7	6321.0	2566.4	1772.3	978.2	1025.1	1072.2	1226.4	1380.6	1561.5
80°	6594.5	4072.5	1550.6	1141.9	733.4	752.8	772.2	902.9	1033.3	1249.4
82.5°	3833.3	2357.1	881.0	702.3	524.1	527.5	531.3	627.5	723.7	908.2
85°	1686.6	1060.3	434.2	375.4	316.9	315.2	313.3	383.7	454.1	591.3
87.5°	522.1	347.3	172.4	155.7	138.9	137.2	135.5	164.2	193.1	250.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
6262.5	2.5°	6215.9	6169.5	6127.5	6085.7	6049.0	6012.4	5975.5	5938.8	5910.4	5881.7
6207.1	5°	6119.2	6031.1	5957.2	5883.7	5818.6	5753.5	5694.5	5635.2	5589.8	5544.2
6187.2	7.5°	6070.2	5953.4	5856.2	5759.1	5677.2	5595.2	5522.8	5450.7	5396.5	5342.6
6196.9	10°	6073.6	5950.2	5853.1	5755.9	5667.8	5579.4	5498.0	5416.7	5352.1	5287.2
6209.1	12.5°	6108.1	6007.5	5942.9	5878.8	5809.4	5740.4	5656.1	5572.1	5489.5	5407.0
6157.4	15°	6109.0	6060.9	6069.7	6078.4	6060.5	6042.5	5969.4	5896.3	5778.8	5661.2
5999.5	17.5°	6017.2	6034.7	6140.6	6246.5	6302.8	6358.9	6299.9	6241.1	6085.5	5929.8
5742.1	20°	5824.7	5907.2	6091.1	6275.1	6392.9	6510.7	6483.5	6456.1	6278.0	6100.3
5449.9	22.5°	5572.1	5694.2	5904.1	6114.4	6267.6	6420.8	6437.4	6453.6	6283.6	6113.6
5166.5	25°	5307.4	5448.2	5636.9	5825.9	5976.7	6127.5	6183.8	6239.9	6100.5	5961.4
4918.8	27.5°	5054.8	5190.8	5346.0	5500.9	5621.9	5742.8	5805.5	5868.4	5769.0	5670.0
4701.0	30°	4808.8	4917.1	5045.8	5174.6	5274.9	5375.4	5426.4	5477.4	5401.9	5326.1
4510.1	32.5°	4574.0	4637.9	4740.6	4843.6	4939.7	5036.1	5092.7	5149.5	5080.1	5010.4
4329.9	35°	4347.4	4365.2	4443.6	4521.8	4617.0	4712.4	4780.4	4848.4	4798.9	4749.6
4141.0	37.5°	4121.6	4102.1	4158.5	4214.6	4309.5	4404.7	4488.8	4572.8	4550.0	4527.1
3934.1	40°	3890.1	3846.2	3886.7	3927.3	4019.1	4110.9	4207.5	4304.4	4310.0	4315.4
3714.3	42.5°	3656.0	3597.8	3630.8	3664.1	3751.0	3838.2	3942.6	4047.0	4075.0	4102.9
3495.8	45°	3438.9	3382.4	3410.0	3438.2	3520.8	3603.3	3711.7	3820.0	3860.0	3900.1
3300.8	47.5°	3253.2	3205.6	3231.8	3257.8	3338.6	3419.3	3526.1	3633.0	3679.1	3725.3
3129.1	50°	3086.8	3044.8	3085.6	3126.6	3202.9	3278.9	3374.6	3470.3	3529.5	3588.8
3001.1	52.5°	2959.3	2917.8	2979.2	3040.4	3110.4	3180.1	3269.2	3358.6	3428.7	3498.9
2933.1	55°	2867.0	2801.2	2888.4	2975.3	3050.6	3125.9	3204.1	3282.1	3356.4	3430.9
2892.3	57.5°	2796.1	2700.0	2793.7	2887.4	2975.8	3064.2	3141.5	3218.9	3294.0	3368.8
2853.9	60°	2729.3	2604.5	2686.8	2768.9	2870.4	2971.9	3050.4	3129.1	3204.3	3279.6
2809.2	62.5°	2653.3	2497.7	2549.9	2602.1	2720.4	2838.9	2922.6	3006.4	3075.4	3144.4
2715.0	65°	2549.4	2383.5	2403.7	2423.6	2550.4	2677.4	2757.5	2837.7	2898.4	2959.1
2547.0	67.5°	2409.0	2271.1	2264.8	2258.5	2375.5	2492.8	2568.8	2644.6	2697.0	2749.5
2333.7	70°	2235.6	2137.5	2115.7	2093.8	2196.8	2299.7	2365.3	2430.9	2478.2	2525.6
2096.2	72.5°	2029.0	1961.7	1929.7	1897.8	1978.9	2059.8	2119.1	2178.3	2224.7	2271.1
1826.7	75°	1775.0	1723.0	1692.4	1661.6	1721.8	1782.0	1835.7	1889.3	1931.6	1973.8
1556.6	77.5°	1515.1	1473.6	1442.5	1411.4	1460.5	1509.3	1555.4	1601.6	1646.0	1690.2
1248.7	80°	1214.0	1179.0	1153.0	1126.8	1167.6	1208.2	1247.0	1285.9	1319.6	1353.1
918.4	82.5°	901.4	884.4	866.0	847.5	844.1	840.7	827.1	813.5	885.4	957.3
604.7	85°	586.5	568.3	547.6	527.0	509.5	491.8	454.1	416.5	483.7	551.3
267.1	87.5°	259.8	252.6	248.7	244.8	244.1	243.3	214.7	185.8	213.9	242.4
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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
5858.7	2.5°	5835.6	5817.6	5799.6	5783.1	5766.4	5745.7	5766.4	5783.1	5799.6	5817.6
5512.4	5°	5480.5	5458.0	5435.4	5418.1	5400.9	5383.9	5400.9	5418.1	5435.4	5458.0
5304.7	7.5°	5266.8	5240.9	5215.1	5199.6	5184.3	5172.6	5184.3	5199.6	5215.1	5240.9
5245.0	10°	5202.2	5177.7	5153.2	5140.1	5127.0	5121.6	5127.0	5140.1	5153.2	5177.7
5352.3	12.5°	5297.7	5270.2	5243.0	5231.9	5220.7	5218.8	5220.7	5231.9	5243.0	5270.2
5578.2	15°	5495.1	5457.0	5419.1	5404.5	5390.0	5388.7	5390.0	5404.5	5419.1	5457.0
5807.4	17.5°	5685.0	5628.7	5572.1	5553.6	5534.9	5532.0	5534.9	5553.6	5572.1	5628.7
5950.2	20°	5800.4	5728.2	5655.9	5632.8	5609.7	5602.5	5609.7	5632.8	5655.9	5728.2
5959.2	22.5°	5804.5	5728.5	5652.2	5626.7	5601.2	5590.3	5601.2	5626.7	5652.2	5728.5
5823.9	25°	5687.0	5620.9	5555.1	5531.1	5507.3	5493.2	5507.3	5531.1	5555.1	5620.9
5563.4	27.5°	5456.7	5412.5	5368.1	5357.2	5346.2	5342.6	5346.2	5357.2	5368.1	5412.5
5249.8	30°	5173.1	5150.5	5127.7	5127.7	5127.7	5131.3	5127.7	5127.7	5127.7	5150.5
4949.4	32.5°	4888.5	4873.7	4858.9	4860.8	4863.0	4866.6	4863.0	4860.8	4858.9	4873.7
4693.2	35°	4637.1	4614.6	4592.2	4587.4	4582.5	4580.1	4582.5	4587.4	4592.2	4614.6
4475.4	37.5°	4423.4	4382.4	4341.6	4320.0	4298.4	4286.2	4298.4	4320.0	4341.6	4382.4
4271.4	40°	4227.5	4167.7	4108.5	4068.2	4028.3	4004.5	4028.3	4068.2	4108.5	4167.7
4065.7	42.5°	4028.8	3954.7	3880.7	3822.1	3763.6	3725.3	3763.6	3822.1	3880.7	3954.7
3866.6	45°	3833.3	3748.6	3664.1	3595.3	3526.6	3482.4	3526.6	3595.3	3664.1	3748.6
3701.9	47.5°	3678.6	3603.3	3528.1	3464.4	3401.1	3358.6	3401.1	3464.4	3528.1	3603.3
3587.3	50°	3586.3	3526.1	3465.9	3407.1	3348.4	3307.6	3348.4	3407.1	3465.9	3526.1
3511.5	52.5°	3524.2	3475.1	3426.1	3373.4	3320.9	3283.3	3320.9	3373.4	3426.1	3475.1
3448.4	55°	3465.9	3423.2	3380.4	3334.3	3288.1	3254.1	3288.1	3334.3	3380.4	3423.2
3386.5	57.5°	3404.2	3361.0	3317.8	3272.1	3226.2	3191.0	3226.2	3272.1	3317.8	3361.0
3299.1	60°	3318.5	3276.2	3234.2	3187.1	3140.0	3103.6	3140.0	3187.1	3234.2	3276.2
3163.1	62.5°	3181.8	3143.6	3105.5	3056.0	3006.4	2962.7	3006.4	3056.0	3105.5	3143.6
2978.3	65°	2997.2	2960.5	2923.9	2875.8	2827.9	2790.3	2827.9	2875.8	2923.9	2960.5
2768.2	67.5°	2786.7	2752.9	2719.4	2674.7	2630.0	2596.0	2630.0	2674.7	2719.4	2752.9
2543.6	70°	2561.5	2534.1	2506.7	2463.9	2421.2	2382.3	2421.2	2463.9	2506.7	2534.1
2292.5	72.5°	2313.8	2291.0	2268.2	2227.4	2186.8	2149.2	2186.8	2227.4	2268.2	2291.0
1996.2	75°	2018.5	2007.4	1996.2	1962.0	1927.7	1891.8	1927.7	1962.0	1996.2	2007.4
1711.1	77.5°	1732.0	1716.4	1700.4	1665.9	1631.4	1602.8	1631.4	1665.9	1700.4	1716.4
1380.8	80°	1408.5	1401.7	1395.1	1348.8	1302.1	1248.2	1302.1	1348.8	1395.1	1401.7
1004.4	82.5°	1051.5	1048.6	1045.5	1006.4	967.0	932.5	967.0	1006.4	1045.5	1048.6
609.5	85°	667.8	663.0	658.1	627.5	596.9	565.8	596.9	627.5	658.1	663.0
265.9	87.5°	289.5	283.6	277.3	261.8	245.8	230.7	245.8	261.8	277.3	283.6
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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
5835.6	2.5°	5858.7	5881.7	5910.4	5938.8	5975.5	6012.4	6049.0	6085.7	6127.5	6169.5
5480.5	5°	5512.4	5544.2	5589.8	5635.2	5694.5	5753.5	5818.6	5883.7	5957.2	6031.1
5266.8	7.5°	5304.7	5342.6	5396.5	5450.7	5522.8	5595.2	5677.2	5759.1	5856.2	5953.4
5202.2	10°	5245.0	5287.2	5352.1	5416.7	5498.0	5579.4	5667.8	5755.9	5853.1	5950.2
5297.7	12.5°	5352.3	5407.0	5489.5	5572.1	5656.1	5740.4	5809.4	5878.8	5942.9	6007.5
5495.1	15°	5578.2	5661.2	5778.8	5896.3	5969.4	6042.5	6060.5	6078.4	6069.7	6060.9
5685.0	17.5°	5807.4	5929.8	6085.5	6241.1	6299.9	6358.9	6302.8	6246.5	6140.6	6034.7
5800.4	20°	5950.2	6100.3	6278.0	6456.1	6483.5	6510.7	6392.9	6275.1	6091.1	5907.2
5804.5	22.5°	5959.2	6113.6	6283.6	6453.6	6437.4	6420.8	6267.6	6114.4	5904.1	5694.2
5687.0	25°	5823.9	5961.4	6100.5	6239.9	6183.8	6127.5	5976.7	5825.9	5636.9	5448.2
5456.7	27.5°	5563.4	5670.0	5769.0	5868.4	5805.5	5742.8	5621.9	5500.9	5346.0	5190.8
5173.1	30°	5249.8	5326.1	5401.9	5477.4	5426.4	5375.4	5274.9	5174.6	5045.8	4917.1
4888.5	32.5°	4949.4	5010.4	5080.1	5149.5	5092.7	5036.1	4939.7	4843.6	4740.6	4637.9
4637.1	35°	4693.2	4749.6	4798.9	4848.4	4780.4	4712.4	4617.0	4521.8	4443.6	4365.2
4423.4	37.5°	4475.4	4527.1	4550.0	4572.8	4488.8	4404.7	4309.5	4214.6	4158.5	4102.1
4227.5	40°	4271.4	4315.4	4310.0	4304.4	4207.5	4110.9	4019.1	3927.3	3886.7	3846.2
4028.8	42.5°	4065.7	4102.9	4075.0	4047.0	3942.6	3838.2	3751.0	3664.1	3630.8	3597.8
3833.3	45°	3866.6	3900.1	3860.0	3820.0	3711.7	3603.3	3520.8	3438.2	3410.0	3382.4
3678.6	47.5°	3701.9	3725.3	3679.1	3633.0	3526.1	3419.3	3338.6	3257.8	3231.8	3205.6
3586.3	50°	3587.3	3588.8	3529.5	3470.3	3374.6	3278.9	3202.9	3126.6	3085.6	3044.8
3524.2	52.5°	3511.5	3498.9	3428.7	3358.6	3269.2	3180.1	3110.4	3040.4	2979.2	2917.8
3465.9	55°	3448.4	3430.9	3356.4	3282.1	3204.1	3125.9	3050.6	2975.3	2888.4	2801.2
3404.2	57.5°	3386.5	3368.8	3294.0	3218.9	3141.5	3064.2	2975.8	2887.4	2793.7	2700.0
3318.5	60°	3299.1	3279.6	3204.3	3129.1	3050.4	2971.9	2870.4	2768.9	2686.8	2604.5
3181.8	62.5°	3163.1	3144.4	3075.4	3006.4	2922.6	2838.9	2720.4	2602.1	2549.9	2497.7
2997.2	65°	2978.3	2959.1	2898.4	2837.7	2757.5	2677.4	2550.4	2423.6	2403.7	2383.5
2786.7	67.5°	2768.2	2749.5	2697.0	2644.6	2568.8	2492.8	2375.5	2258.5	2264.8	2271.1
2561.5	70°	2543.6	2525.6	2478.2	2430.9	2365.3	2299.7	2196.8	2093.8	2115.7	2137.5
2313.8	72.5°	2292.5	2271.1	2224.7	2178.3	2119.1	2059.8	1978.9	1897.8	1929.7	1961.7
2018.5	75°	1996.2	1973.8	1931.6	1889.3	1835.7	1782.0	1721.8	1661.6	1692.4	1723.0
1732.0	77.5°	1711.1	1690.2	1646.0	1601.6	1555.4	1509.3	1460.5	1411.4	1442.5	1473.6
1408.5	80°	1380.8	1353.1	1319.6	1285.9	1247.0	1208.2	1167.6	1126.8	1153.0	1179.0
1051.5	82.5°	1004.4	957.3	885.4	813.5	827.1	840.7	844.1	847.5	866.0	884.4
667.8	85°	609.5	551.3	483.7	416.5	454.1	491.8	509.5	527.0	547.6	568.3
289.5	87.5°	265.9	242.4	213.9	185.8	214.7	243.3	244.1	244.8	248.7	252.6
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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
6215.9	2.5°	6262.5	6320.1	6371.8	6425.2	6478.6	6534.5	6590.3	6645.7	6701.3	6753.5
6119.2	5°	6207.1	6307.9	6409.9	6518.0	6626.0	6741.6	6857.5	6972.3	7087.5	7202.8
6070.2	7.5°	6187.2	6317.6	6456.8	6607.6	6758.4	6929.6	7100.8	7276.6	7452.4	7642.6
6073.6	10°	6196.9	6337.1	6508.8	6687.5	6865.7	7073.9	7281.7	7513.9	7746.3	7987.0
6108.1	12.5°	6209.1	6339.5	6519.9	6721.7	6923.5	7168.8	7414.1	7677.3	7940.6	8204.8
6109.0	15°	6157.4	6261.8	6461.6	6695.3	6928.9	7211.3	7493.7	7779.3	8064.9	8340.5
6017.2	17.5°	5999.5	6063.9	6298.9	6579.9	6860.9	7188.7	7516.6	7828.1	8139.7	8419.2
5824.7	20°	5742.1	5759.1	6032.8	6381.0	6729.3	7126.5	7523.8	7866.3	8208.7	8499.4
5572.1	22.5°	5449.9	5416.7	5728.2	6147.6	6567.0	7050.3	7533.6	7917.7	8301.7	8598.7
5307.4	25°	5166.5	5076.7	5396.0	5887.1	6378.3	6975.0	7571.9	8011.0	8449.8	8740.5
5054.8	27.5°	4918.8	4809.6	5100.2	5648.8	6197.4	6924.7	7652.1	8156.7	8661.1	8938.7
4808.8	30°	4701.0	4615.3	4859.3	5449.7	6040.1	6901.2	7761.8	8345.4	8929.0	9196.8
4574.0	32.5°	4510.1	4472.0	4668.7	5278.0	5887.1	6872.0	7856.5	8542.3	9228.1	9493.3
4347.4	35°	4329.9	4345.7	4509.6	5109.2	5708.8	6817.2	7926.0	8766.7	9607.5	9861.7
4121.6	37.5°	4141.0	4198.8	4342.1	4910.6	5479.1	6723.2	7967.3	9018.1	10068.9	10392.8
3890.1	40°	3934.1	4022.7	4152.7	4673.6	5194.5	6593.7	7993.3	9337.2	10680.8	11152.9
3656.0	42.5°	3714.3	3826.0	3945.8	4412.0	4878.3	6460.2	8042.6	9754.6	11466.7	12148.1
3438.9	45°	3495.8	3603.8	3725.3	4134.2	4543.2	6336.1	8129.3	10303.9	12478.6	13397.8
3253.2	47.5°	3300.8	3393.8	3550.4	3914.4	4278.5	6233.6	8188.8	10889.2	13589.6	14883.5
3086.8	50°	3129.1	3237.1	3443.1	3768.5	4093.9	6121.9	8149.9	11432.2	14714.5	16665.0
2959.3	52.5°	3001.1	3152.1	3388.9	3672.3	3956.0	5933.2	7910.7	11784.8	15658.7	18536.4
2867.0	55°	2933.1	3160.6	3380.9	3602.6	3824.3	5620.4	7416.5	11707.1	15997.5	20195.5
2796.1	57.5°	2892.3	3169.1	3363.4	3520.0	3676.7	5179.4	6681.9	11160.2	15638.8	21371.4
2729.3	60°	2853.9	3142.4	3270.6	3393.8	3516.9	4606.8	5696.7	10142.5	14588.2	21665.2
2653.3	62.5°	2809.2	3076.9	3092.6	3174.2	3256.1	3921.5	4586.9	8766.2	12945.6	20427.9
2549.4	65°	2715.0	2919.0	2917.1	2955.7	2994.3	3304.9	3615.5	7362.1	11109.0	18677.3
2409.0	67.5°	2547.0	2661.6	2666.9	2645.6	2623.9	2712.3	2800.5	5986.6	9172.8	16593.9
2235.6	70°	2333.7	2371.4	2371.4	2271.6	2171.5	2146.5	2121.3	4713.6	7306.0	14320.6
2029.0	72.5°	2096.2	2095.8	2072.0	1930.4	1788.6	1712.3	1636.3	3603.6	5570.9	11856.2
1775.0	75°	1826.7	1835.9	1726.1	1567.3	1408.5	1339.5	1270.6	2615.4	3960.3	9031.2
1515.1	77.5°	1556.6	1561.5	1380.6	1226.4	1072.2	1025.1	978.2	1772.3	2566.4	6321.0
1214.0	80°	1248.7	1249.4	1033.3	902.9	772.2	752.8	733.4	1141.9	1550.6	4072.5
901.4	82.5°	918.4	908.2	723.7	627.5	531.3	527.5	524.1	702.3	881.0	2357.1
586.5	85°	604.7	591.3	454.1	383.7	313.3	315.2	316.9	375.4	434.2	1060.3
259.8	87.5°	267.1	250.1	193.1	164.2	135.5	137.2	138.9	155.7	172.4	347.3
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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
6805.8	2.5°	6831.5	6857.5	6894.1	6930.8	6952.7	6974.5	6985.5	6996.4	6991.5	6996.4
7318.2	5°	7408.3	7498.6	7588.0	7677.6	7726.1	7774.7	7804.1	7833.7	7856.1	7833.7
7833.0	7.5°	7979.7	8126.1	8258.0	8389.8	8469.2	8548.7	8591.6	8634.4	8655.0	8634.4
8227.6	10°	8401.0	8574.4	8729.1	8883.8	8977.5	9070.8	9112.5	9154.1	9169.9	9154.1
8469.2	12.5°	8657.2	8844.9	8984.8	9124.2	9192.2	9260.2	9283.0	9305.8	9308.3	9305.8
8616.2	15°	8778.4	8940.4	9028.0	9115.9	9118.4	9120.8	9096.5	9072.2	9043.6	9072.2
8698.7	17.5°	8808.3	8917.8	8919.5	8920.9	8822.6	8724.2	8634.1	8543.8	8480.2	8543.8
8789.8	20°	8827.9	8866.3	8750.9	8635.6	8418.5	8201.4	8043.3	7885.2	7788.1	7885.2
8895.4	22.5°	8845.4	8795.4	8556.4	8317.5	7998.1	7678.8	7481.1	7283.4	7176.1	7283.4
9031.4	25°	8873.6	8715.7	8352.9	7990.1	7602.3	7214.5	7006.6	6799.2	6697.7	6799.2
9216.0	27.5°	8933.8	8651.4	8170.8	7690.4	7260.6	6830.8	6626.3	6422.1	6326.1	6422.1
9464.9	30°	9044.1	8623.5	8031.9	7440.3	6992.5	6544.7	6355.0	6165.4	6076.0	6165.4
9758.8	32.5°	9182.5	8606.5	7937.2	7267.9	6847.0	6426.2	6277.3	6128.2	6063.9	6128.2
10115.7	35°	9410.5	8705.5	8008.1	7310.9	7018.5	6726.3	6691.6	6656.9	6651.5	6656.9
10716.8	37.5°	9887.2	9057.7	8423.8	7790.0	7771.1	7752.1	7910.9	8069.8	8152.3	8069.8
11625.0	40°	10722.9	9820.7	9349.3	8878.0	9210.7	9543.4	9929.5	10315.6	10507.9	10315.6
12829.5	42.5°	11934.4	11039.3	10767.8	10496.3	11221.9	11947.5	12649.8	13352.1	13764.5	13352.1
14317.0	45°	13512.9	12708.6	12588.9	12468.9	13631.4	14794.2	15948.2	17102.4	17803.0	17102.4
16177.2	47.5°	15395.0	14612.5	14588.2	14563.9	16241.0	17917.6	19607.1	21296.4	22288.4	21296.4
18615.3	50°	17649.1	16683.0	16687.1	16691.3	18852.6	21013.9	23244.0	25474.0	26822.3	25474.0
21414.1	52.5°	20244.1	19074.3	18956.0	18837.5	21419.2	24000.9	26760.1	29519.1	31135.2	29519.1
24393.9	55°	23237.9	22082.0	21620.8	21159.6	24033.0	26906.1	30195.4	33484.8	35406.9	33484.8
27104.0	57.5°	26474.6	25844.9	24919.9	23995.1	26896.4	29797.7	33523.4	37248.9	39632.4	37248.9
28742.0	60°	29719.7	30697.6	29549.0	28400.3	31145.9	33891.5	37880.5	41869.5	44445.6	41869.5
27910.3	62.5°	30581.8	33253.3	33123.9	32994.2	35509.4	38024.8	41820.0	45614.9	47996.0	45614.9
26245.5	65°	28752.9	31260.3	31756.4	32252.3	35448.7	38645.3	42325.3	46005.2	48032.5	46005.2
24015.0	67.5°	26399.8	28784.5	29017.1	29249.5	32579.9	35910.1	39605.9	43301.8	44890.0	43301.8
21335.2	70°	23929.0	26523.1	26627.1	26731.2	29709.5	32687.5	35868.1	39048.4	39931.1	39048.4
18141.8	72.5°	21118.3	24095.2	24169.9	24244.5	26574.6	28904.7	31286.8	33668.6	33758.0	33668.6
14102.0	75°	17182.8	20263.5	20540.1	20816.7	22629.6	24442.4	26119.3	27796.1	27346.9	27796.1
10075.7	77.5°	12951.4	15827.5	16223.3	16619.1	17997.3	19375.4	20564.7	21754.1	20981.9	21754.1
6594.5	80°	9013.9	11433.2	11925.2	12417.2	13458.0	14498.4	15123.0	15747.3	14505.2	15747.3
3833.3	82.5°	5487.3	7141.6	7691.2	8241.0	8957.4	9673.8	9934.3	10194.7	9218.4	10194.7
1686.6	85°	2564.5	3442.3	3909.8	4377.3	4966.0	5554.4	5702.3	5850.2	5068.2	5850.2
522.1	87.5°	817.2	1112.2	1373.0	1633.9	1928.2	2222.5	2235.2	2247.5	1886.9	2247.5
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: P951793
 CATALOG NUMBER: GALN-SB5D-830-U-SLR

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
6328.6	0°	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6	6328.6
6985.5	2.5°	6974.5	6952.7	6930.8	6894.1	6857.5	6831.5	6805.8
7804.1	5°	7774.7	7726.1	7677.6	7588.0	7498.6	7408.3	7318.2
8591.6	7.5°	8548.7	8469.2	8389.8	8258.0	8126.1	7979.7	7833.0
9112.5	10°	9070.8	8977.5	8883.8	8729.1	8574.4	8401.0	8227.6
9283.0	12.5°	9260.2	9192.2	9124.2	8984.8	8844.9	8657.2	8469.2
9096.5	15°	9120.8	9118.4	9115.9	9028.0	8940.4	8778.4	8616.2
8634.1	17.5°	8724.2	8822.6	8920.9	8919.5	8917.8	8808.3	8698.7
8043.3	20°	8201.4	8418.5	8635.6	8750.9	8866.3	8827.9	8789.8
7481.1	22.5°	7678.8	7998.1	8317.5	8556.4	8795.4	8845.4	8895.4
7006.6	25°	7214.5	7602.3	7990.1	8352.9	8715.7	8873.6	9031.4
6626.3	27.5°	6830.8	7260.6	7690.4	8170.8	8651.4	8933.8	9216.0
6355.0	30°	6544.7	6992.5	7440.3	8031.9	8623.5	9044.1	9464.9
6277.3	32.5°	6426.2	6847.0	7267.9	7937.2	8606.5	9182.5	9758.8
6691.6	35°	6726.3	7018.5	7310.9	8008.1	8705.5	9410.5	10115.7
7910.9	37.5°	7752.1	7771.1	7790.0	8423.8	9057.7	9887.2	10716.8
9929.5	40°	9543.4	9210.7	8878.0	9349.3	9820.7	10722.9	11625.0
12649.8	42.5°	11947.5	11221.9	10496.3	10767.8	11039.3	11934.4	12829.5
15948.2	45°	14794.2	13631.4	12468.9	12588.9	12708.6	13512.9	14317.0
19607.1	47.5°	17917.6	16241.0	14563.9	14588.2	14612.5	15395.0	16177.2
23244.0	50°	21013.9	18852.6	16691.3	16687.1	16683.0	17649.1	18615.3
26760.1	52.5°	24000.9	21419.2	18837.5	18956.0	19074.3	20244.1	21414.1
30195.4	55°	26906.1	24033.0	21159.6	21620.8	22082.0	23237.9	24393.9
33523.4	57.5°	29797.7	26896.4	23995.1	24919.9	25844.9	26474.6	27104.0
37880.5	60°	33891.5	31145.9	28400.3	29549.0	30697.6	29719.7	28742.0
41820.0	62.5°	38024.8	35509.4	32994.2	33123.9	33253.3	30581.8	27910.3
42325.3	65°	38645.3	35448.7	32252.3	31756.4	31260.3	28752.9	26245.5
39605.9	67.5°	35910.1	32579.9	29249.5	29017.1	28784.5	26399.8	24015.0
35868.1	70°	32687.5	29709.5	26731.2	26627.1	26523.1	23929.0	21335.2
31286.8	72.5°	28904.7	26574.6	24244.5	24169.9	24095.2	21118.3	18141.8
26119.3	75°	24442.4	22629.6	20816.7	20540.1	20263.5	17182.8	14102.0
20564.7	77.5°	19375.4	17997.3	16619.1	16223.3	15827.5	12951.4	10075.7
15123.0	80°	14498.4	13458.0	12417.2	11925.2	11433.2	9013.9	6594.5
9934.3	82.5°	9673.8	8957.4	8241.0	7691.2	7141.6	5487.3	3833.3
5702.3	85°	5554.4	4966.0	4377.3	3909.8	3442.3	2564.5	1686.6
2235.2	87.5°	2222.5	1928.2	1633.9	1373.0	1112.2	817.2	522.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)