

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: P956245

Luminaire Tested: **GALN-SB8D-950-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956245
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-SB8D-950-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 57037 lumens
Efficiency: N/A
Efficacy: 97.5 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

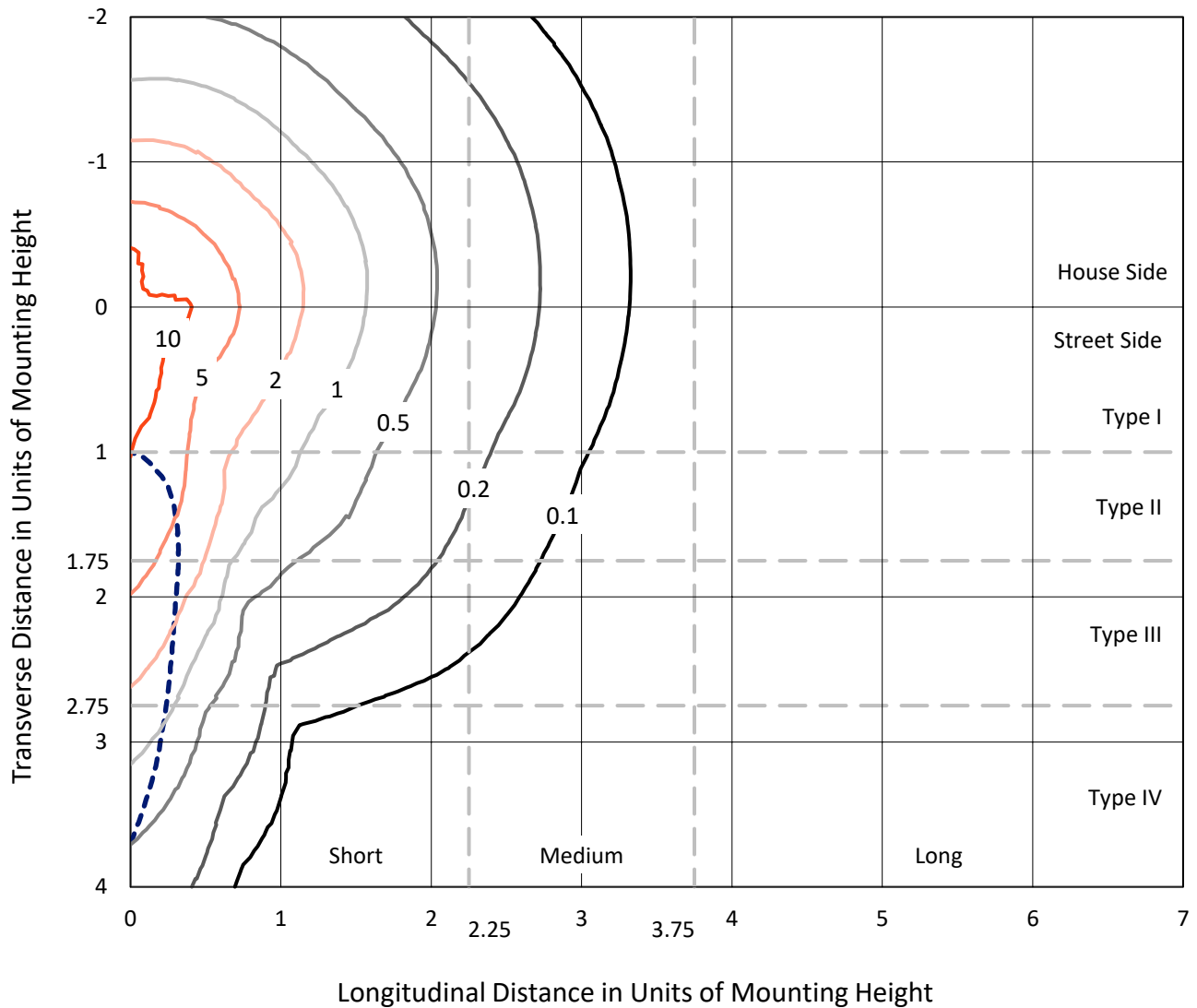
Input Watts (W): 584.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

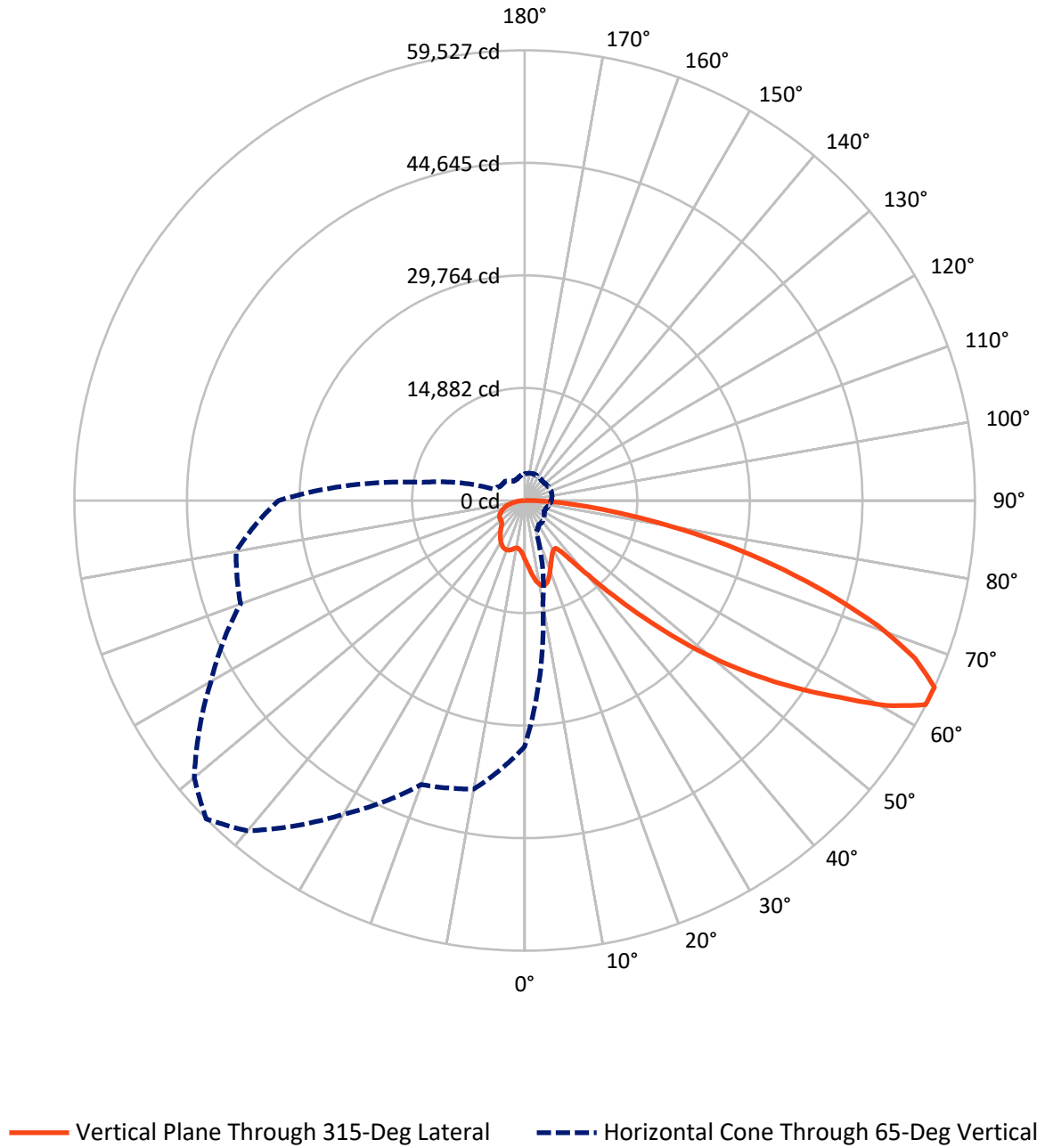
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P956245
CATALOG NUMBER: GALN-SB8D-950-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14495.9	0.0	14495.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	42541.1	0.0	42541.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	57037.0	0.0	57037.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	778.0	1.4
10°-20°	2442.4	4.3
20°-30°	3772.6	6.6
30°-40°	4780.9	8.4
40°-50°	7210.8	12.6
50°-60°	11650.1	20.4
60°-70°	14523.7	25.5
70°-80°	9523.9	16.7
80°-90°	2354.6	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°	57037.0	100.0
0°-180°	57037.0	100.0



REPORT NUMBER: P956245

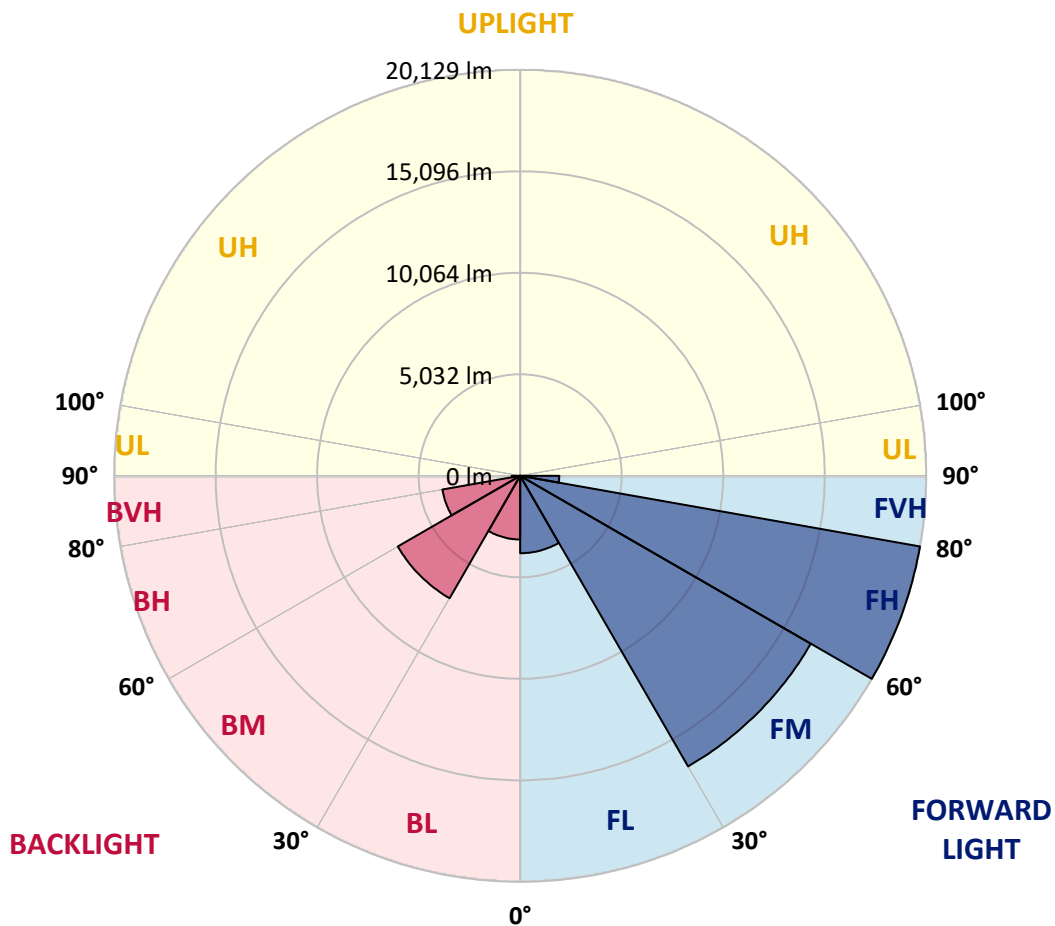
CATALOG NUMBER: GALN-SB8D-950-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3836.4	6.7			
FM (30°-60°)	16636.4	29.2			
FH (60°-80°)	20128.6	35.3			G5
FVH (80°-90°)	1939.6	3.4			G5
BL (0°-30°)	3156.7	5.5	B4/5000		
BM (30°-60°)	7005.3	12.3	B4/8500		
BH (60°-80°)	3919.0	6.9	B4/5000		G4/5000
BVH (80°-90°)	414.9	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



REPORT NUMBER: P956245

CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
2.5°	8434.5	8369.8	8305.1	8236.1	8167.5	8098.3	8029.1	7962.9	7896.7	7832.5
5°	9069.5	8926.5	8783.6	8640.9	8498.6	8355.0	8211.8	8077.8	7943.9	7817.5
7.5°	9707.5	9471.6	9235.9	9018.0	8800.1	8588.0	8375.8	8188.9	8002.0	7829.5
10°	10196.6	9898.4	9600.1	9312.1	9024.4	8766.7	8508.8	8287.9	8066.4	7853.6
12.5°	10496.1	10168.3	9840.9	9514.6	9188.4	8884.4	8580.4	8330.3	8080.2	7856.6
15°	10678.1	10336.6	9995.0	9641.0	9287.1	8937.1	8587.1	8297.5	8008.0	7760.3
17.5°	10780.5	10434.1	10087.7	9701.5	9315.4	8909.1	8502.8	8154.6	7806.4	7515.0
20°	10893.3	10533.4	10173.1	9748.8	9324.4	8832.0	8339.7	7908.1	7476.5	7137.3
22.5°	11024.3	10656.5	10288.4	9812.6	9336.5	8737.5	8138.6	7618.9	7099.1	6713.0
25°	11192.8	10832.2	10472.0	9928.1	9384.0	8644.2	7904.8	7295.9	6687.4	6291.6
27.5°	11421.5	11077.8	10733.8	10108.7	9483.3	8581.9	7680.6	7000.7	6320.8	5960.6
30°	11730.0	11397.7	11065.8	10342.6	9619.4	8552.7	7485.5	6753.9	6022.3	5719.8
32.5°	12094.2	11765.2	11436.6	10586.7	9736.7	8516.6	7295.9	6541.1	5786.0	5542.2
35°	12536.6	12221.8	11906.7	10864.7	9822.8	8448.6	7075.0	6331.9	5588.9	5385.7
37.5°	13281.5	12880.0	12478.5	11176.2	9874.0	8332.1	6790.3	6085.8	5381.2	5203.6
40°	14407.1	13822.0	13236.9	11571.7	9906.2	8171.7	6437.6	5792.0	5146.5	4985.4
42.5°	15899.8	15055.3	14210.8	12089.1	9967.3	8006.2	6045.7	5467.9	4890.0	4741.7
45°	17743.2	16604.1	15465.0	12769.8	10074.7	7852.4	5630.4	5123.6	4616.8	4466.3
47.5°	20048.6	18445.4	16841.9	13495.2	10148.5	7725.4	5302.4	4851.2	4400.1	4205.9
50°	23070.3	20653.2	18235.9	14168.1	10100.3	7587.0	5073.6	4670.3	4267.0	4011.8
52.5°	26538.9	22972.5	19406.1	14605.1	9803.8	7353.1	4902.7	4551.2	4199.9	3906.5
55°	30231.7	25028.6	19825.9	14508.8	9191.4	6965.5	4739.6	4464.8	4190.0	3917.0
57.5°	33590.4	26485.9	19381.4	13831.0	8281.0	6418.9	4556.6	4362.4	4168.3	3927.6
60°	35620.4	26850.1	18079.4	12569.7	7060.0	5709.3	4358.5	4205.9	4053.4	3894.5
62.5°	34589.6	25316.7	16043.7	10864.1	5684.6	4859.9	4035.3	3933.9	3832.8	3813.2
65°	32526.5	23147.0	13767.5	9124.0	4480.7	4095.8	3710.9	3663.0	3615.2	3617.6
67.5°	29762.2	20565.1	11367.9	7419.3	3470.7	3361.4	3251.9	3278.7	3305.2	3298.5
70°	26441.0	17747.7	9054.5	5841.7	2628.9	2660.2	2691.2	2815.2	2938.9	2938.9
72.5°	22483.4	14693.6	6904.1	4466.0	2027.9	2122.1	2216.6	2392.3	2567.8	2597.3
75°	17476.9	11192.5	4908.1	3241.4	1574.6	1660.1	1745.6	1942.4	2139.2	2275.3
77.5°	12486.9	7833.7	3180.6	2196.4	1212.3	1270.4	1328.7	1519.9	1711.0	1935.2
80°	8172.6	5047.1	1921.6	1415.1	908.9	933.0	957.1	1119.0	1280.6	1548.5
82.5°	4750.7	2921.1	1091.9	870.4	649.5	653.7	658.5	777.7	896.9	1125.6
85°	2090.2	1314.0	538.1	465.3	392.8	390.6	388.2	475.5	562.8	732.8
87.5°	647.1	430.4	213.7	192.9	172.2	170.0	167.9	203.5	239.3	310.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
7761.2	2.5°	7703.4	7645.9	7593.9	7542.1	7496.7	7451.2	7405.5	7360.0	7324.8	7289.3
7692.6	5°	7583.6	7474.4	7382.9	7291.7	7211.1	7130.4	7057.3	6983.8	6927.6	6871.0
7667.9	7.5°	7522.9	7378.1	7257.7	7137.3	7035.9	6934.2	6844.5	6755.1	6688.0	6621.2
7680.0	10°	7527.1	7374.2	7253.8	7133.4	7024.2	6914.6	6813.8	6713.0	6632.9	6552.6
7695.0	12.5°	7569.8	7445.2	7365.2	7285.7	7199.6	7114.1	7009.7	6905.6	6803.3	6700.9
7630.9	15°	7571.0	7511.4	7522.3	7533.1	7510.8	7488.5	7398.0	7307.4	7161.7	7016.0
7435.3	17.5°	7457.2	7478.9	7610.1	7741.4	7811.2	7880.7	7807.6	7734.7	7541.8	7348.9
7116.3	20°	7218.6	7320.9	7548.7	7776.9	7922.8	8068.8	8035.1	8001.1	7780.5	7560.2
6754.2	22.5°	6905.6	7057.0	7317.0	7577.6	7767.5	7957.4	7977.9	7998.1	7787.4	7576.7
6403.0	25°	6577.5	6752.1	6985.9	7220.1	7407.0	7593.9	7663.7	7733.2	7560.5	7388.0
6096.0	27.5°	6264.5	6433.1	6625.4	6817.4	6967.3	7117.2	7194.8	7272.8	7149.7	7026.9
5826.0	30°	5959.7	6093.9	6253.4	6412.9	6537.2	6661.8	6725.0	6788.2	6694.6	6600.7
5589.5	32.5°	5668.6	5747.8	5875.1	6002.7	6121.9	6241.4	6311.5	6381.9	6295.8	6209.5
5366.2	35°	5387.8	5409.8	5507.0	5603.9	5721.9	5840.2	5924.4	6008.7	5947.3	5886.2
5132.0	37.5°	5107.9	5083.9	5153.7	5223.2	5340.9	5458.9	5563.0	5667.1	5638.8	5610.5
4875.6	40°	4821.1	4766.6	4816.9	4867.2	4980.9	5094.7	5214.5	5334.6	5341.5	5348.1
4603.2	42.5°	4531.0	4458.8	4499.7	4540.9	4648.7	4756.7	4886.1	5015.5	5050.1	5084.8
4332.4	45°	4261.9	4191.8	4226.1	4261.0	4363.4	4465.7	4599.9	4734.1	4783.8	4833.5
4090.7	47.5°	4031.7	3972.7	4005.2	4037.4	4137.6	4237.5	4370.0	4502.4	4559.6	4616.8
3877.9	50°	3825.5	3773.5	3824.0	3874.9	3969.4	4063.6	4182.2	4300.8	4374.2	4447.6
3719.3	52.5°	3667.5	3616.1	3692.2	3768.0	3854.7	3941.1	4051.6	4162.3	4249.3	4336.3
3635.0	55°	3553.2	3471.6	3579.6	3687.4	3780.7	3874.0	3970.9	4067.5	4159.6	4252.0
3584.5	57.5°	3465.3	3346.1	3462.3	3578.4	3688.0	3797.5	3893.2	3989.3	4082.3	4174.9
3536.9	60°	3382.5	3227.8	3329.8	3431.6	3557.4	3683.2	3780.4	3877.9	3971.2	4064.5
3481.5	62.5°	3288.3	3095.4	3160.1	3224.8	3371.4	3518.2	3622.1	3725.9	3811.4	3896.9
3364.8	65°	3159.5	2953.9	2978.9	3003.6	3160.7	3318.1	3417.4	3516.7	3592.0	3667.2
3156.5	67.5°	2985.5	2814.6	2806.8	2798.9	2944.0	3089.4	3183.6	3277.5	3342.5	3407.5
2892.2	70°	2770.7	2649.1	2622.0	2594.9	2722.5	2850.1	2931.4	3012.6	3071.3	3130.0
2597.9	72.5°	2514.5	2431.2	2391.4	2352.0	2452.5	2552.8	2626.2	2699.6	2757.1	2814.6
2263.8	75°	2199.7	2135.3	2097.4	2059.2	2133.8	2208.5	2275.0	2341.5	2393.9	2446.2
1929.2	77.5°	1877.7	1826.2	1787.7	1749.2	1810.0	1870.5	1927.7	1984.8	2039.9	2094.7
1547.5	80°	1504.5	1461.2	1429.0	1396.5	1447.0	1497.3	1545.4	1593.6	1635.4	1677.0
1138.2	82.5°	1117.2	1096.1	1073.2	1050.4	1046.1	1041.9	1025.1	1008.2	1097.3	1186.4
749.4	85°	726.8	704.3	678.7	653.1	631.4	609.4	562.8	516.2	599.5	683.2
331.1	87.5°	322.0	313.0	308.2	303.4	302.5	301.6	266.1	230.2	265.1	300.4
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: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
7260.7	2.5°	7232.1	7209.9	7187.6	7167.1	7146.4	7120.8	7146.4	7167.1	7187.6	7209.9
6831.5	5°	6792.1	6764.1	6736.1	6714.8	6693.4	6672.3	6693.4	6714.8	6736.1	6764.1
6574.2	7.5°	6527.3	6495.1	6463.2	6443.9	6424.9	6410.5	6424.9	6443.9	6463.2	6495.1
6500.2	10°	6447.2	6416.8	6386.4	6370.2	6353.9	6347.3	6353.9	6370.2	6386.4	6416.8
6633.2	12.5°	6565.5	6531.5	6497.8	6483.9	6470.1	6467.7	6470.1	6483.9	6497.8	6531.5
6913.1	15°	6810.2	6762.9	6716.0	6697.9	6679.9	6678.4	6679.9	6697.9	6716.0	6762.9
7197.2	17.5°	7045.5	6975.7	6905.6	6882.7	6859.5	6855.9	6859.5	6882.7	6905.6	6975.7
7374.2	20°	7188.5	7099.1	7009.4	6980.8	6952.2	6943.2	6952.2	6980.8	7009.4	7099.1
7385.3	22.5°	7193.6	7099.4	7004.9	6973.3	6941.7	6928.2	6941.7	6973.3	7004.9	7099.4
7217.7	25°	7047.9	6966.1	6884.5	6854.7	6825.2	6807.8	6825.2	6854.7	6884.5	6966.1
6894.7	27.5°	6762.6	6707.8	6652.8	6639.2	6625.7	6621.2	6625.7	6639.2	6652.8	6707.8
6506.2	30°	6411.1	6383.1	6354.8	6354.8	6354.8	6359.3	6354.8	6354.8	6354.8	6383.1
6133.9	32.5°	6058.4	6040.0	6021.7	6024.1	6026.8	6031.3	6026.8	6024.1	6021.7	6040.0
5816.4	35°	5746.9	5718.9	5691.2	5685.2	5679.2	5676.1	5679.2	5685.2	5691.2	5718.9
5546.4	37.5°	5482.0	5431.2	5380.6	5353.8	5327.0	5312.0	5327.0	5353.8	5380.6	5431.2
5293.6	40°	5239.2	5165.1	5091.7	5041.7	4992.4	4962.9	4992.4	5041.7	5091.7	5165.1
5038.7	42.5°	4993.0	4901.2	4809.4	4736.8	4664.3	4616.8	4664.3	4736.8	4809.4	4901.2
4791.9	45°	4750.7	4645.7	4540.9	4455.7	4370.6	4315.8	4370.6	4455.7	4540.9	4645.7
4587.9	47.5°	4559.0	4465.7	4372.4	4293.5	4215.0	4162.3	4215.0	4293.5	4372.4	4465.7
4445.8	50°	4444.6	4370.0	4295.3	4222.5	4149.7	4099.1	4149.7	4222.5	4295.3	4370.0
4351.9	52.5°	4367.6	4306.8	4246.0	4180.7	4115.7	4069.0	4115.7	4180.7	4246.0	4306.8
4273.7	55°	4295.3	4242.4	4189.4	4132.2	4075.0	4032.9	4075.0	4132.2	4189.4	4242.4
4196.9	57.5°	4218.9	4165.3	4111.7	4055.2	3998.3	3954.6	3998.3	4055.2	4111.7	4165.3
4088.6	60°	4112.7	4060.3	4008.2	3949.8	3891.4	3846.3	3891.4	3949.8	4008.2	4060.3
3920.0	62.5°	3943.2	3896.0	3848.7	3787.3	3725.9	3671.7	3725.9	3787.3	3848.7	3896.0
3691.0	65°	3714.5	3669.0	3623.6	3564.0	3504.7	3458.1	3504.7	3564.0	3623.6	3669.0
3430.7	67.5°	3453.5	3411.7	3370.2	3314.8	3259.4	3217.3	3259.4	3314.8	3370.2	3411.7
3152.3	70°	3174.6	3140.5	3106.5	3053.6	3000.6	2952.4	3000.6	3053.6	3106.5	3140.5
2841.1	72.5°	2867.6	2839.3	2811.0	2760.4	2710.2	2663.5	2710.2	2760.4	2811.0	2839.3
2473.9	75°	2501.6	2487.8	2473.9	2431.5	2389.0	2344.5	2389.0	2431.5	2473.9	2487.8
2120.6	77.5°	2146.5	2127.2	2107.3	2064.6	2021.9	1986.4	2021.9	2064.6	2107.3	2127.2
1711.3	80°	1745.6	1737.2	1729.0	1671.5	1613.8	1546.9	1613.8	1671.5	1729.0	1737.2
1244.8	82.5°	1303.2	1299.6	1295.6	1247.2	1198.4	1155.7	1198.4	1247.2	1295.6	1299.6
755.4	85°	827.6	821.6	815.6	777.7	739.8	701.2	739.8	777.7	815.6	821.6
329.6	87.5°	358.7	351.5	343.7	324.4	304.6	285.9	304.6	324.4	343.7	351.5
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: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
7232.1	2.5°	7260.7	7289.3	7324.8	7360.0	7405.5	7451.2	7496.7	7542.1	7593.9	7645.9
6792.1	5°	6831.5	6871.0	6927.6	6983.8	7057.3	7130.4	7211.1	7291.7	7382.9	7474.4
6527.3	7.5°	6574.2	6621.2	6688.0	6755.1	6844.5	6934.2	7035.9	7137.3	7257.7	7378.1
6447.2	10°	6500.2	6552.6	6632.9	6713.0	6813.8	6914.6	7024.2	7133.4	7253.8	7374.2
6565.5	12.5°	6633.2	6700.9	6803.3	6905.6	7009.7	7114.1	7199.6	7285.7	7365.2	7445.2
6810.2	15°	6913.1	7016.0	7161.7	7307.4	7398.0	7488.5	7510.8	7533.1	7522.3	7511.4
7045.5	17.5°	7197.2	7348.9	7541.8	7734.7	7807.6	7880.7	7811.2	7741.4	7610.1	7478.9
7188.5	20°	7374.2	7560.2	7780.5	8001.1	8035.1	8068.8	7922.8	7776.9	7548.7	7320.9
7193.6	22.5°	7385.3	7576.7	7787.4	7998.1	7977.9	7957.4	7767.5	7577.6	7317.0	7057.0
7047.9	25°	7217.7	7388.0	7560.5	7733.2	7663.7	7593.9	7407.0	7220.1	6985.9	6752.1
6762.6	27.5°	6894.7	7026.9	7149.7	7272.8	7194.8	7117.2	6967.3	6817.4	6625.4	6433.1
6411.1	30°	6506.2	6600.7	6694.6	6788.2	6725.0	6661.8	6537.2	6412.9	6253.4	6093.9
6058.4	32.5°	6133.9	6209.5	6295.8	6381.9	6311.5	6241.4	6121.9	6002.7	5875.1	5747.8
5746.9	35°	5816.4	5886.2	5947.3	6008.7	5924.4	5840.2	5721.9	5603.9	5507.0	5409.8
5482.0	37.5°	5546.4	5610.5	5638.8	5667.1	5563.0	5458.9	5340.9	5223.2	5153.7	5083.9
5239.2	40°	5293.6	5348.1	5341.5	5334.6	5214.5	5094.7	4980.9	4867.2	4816.9	4766.6
4993.0	42.5°	5038.7	5084.8	5050.1	5015.5	4886.1	4756.7	4648.7	4540.9	4499.7	4458.8
4750.7	45°	4791.9	4833.5	4783.8	4734.1	4599.9	4465.7	4363.4	4261.0	4226.1	4191.8
4559.0	47.5°	4587.9	4616.8	4559.6	4502.4	4370.0	4237.5	4137.6	4037.4	4005.2	3972.7
4444.6	50°	4445.8	4447.6	4374.2	4300.8	4182.2	4063.6	3969.4	3874.9	3824.0	3773.5
4367.6	52.5°	4351.9	4336.3	4249.3	4162.3	4051.6	3941.1	3854.7	3768.0	3692.2	3616.1
4295.3	55°	4273.7	4252.0	4159.6	4067.5	3970.9	3874.0	3780.7	3687.4	3579.6	3471.6
4218.9	57.5°	4196.9	4174.9	4082.3	3989.3	3893.2	3797.5	3688.0	3578.4	3462.3	3346.1
4112.7	60°	4088.6	4064.5	3971.2	3877.9	3780.4	3683.2	3557.4	3431.6	3329.8	3227.8
3943.2	62.5°	3920.0	3896.9	3811.4	3725.9	3622.1	3518.2	3371.4	3224.8	3160.1	3095.4
3714.5	65°	3691.0	3667.2	3592.0	3516.7	3417.4	3318.1	3160.7	3003.6	2978.9	2953.9
3453.5	67.5°	3430.7	3407.5	3342.5	3277.5	3183.6	3089.4	2944.0	2798.9	2806.8	2814.6
3174.6	70°	3152.3	3130.0	3071.3	3012.6	2931.4	2850.1	2722.5	2594.9	2622.0	2649.1
2867.6	72.5°	2841.1	2814.6	2757.1	2699.6	2626.2	2552.8	2452.5	2352.0	2391.4	2431.2
2501.6	75°	2473.9	2446.2	2393.9	2341.5	2275.0	2208.5	2133.8	2059.2	2097.4	2135.3
2146.5	77.5°	2120.6	2094.7	2039.9	1984.8	1927.7	1870.5	1810.0	1749.2	1787.7	1826.2
1745.6	80°	1711.3	1677.0	1635.4	1593.6	1545.4	1497.3	1447.0	1396.5	1429.0	1461.2
1303.2	82.5°	1244.8	1186.4	1097.3	1008.2	1025.1	1041.9	1046.1	1050.4	1073.2	1096.1
827.6	85°	755.4	683.2	599.5	516.2	562.8	609.4	631.4	653.1	678.7	704.3
358.7	87.5°	329.6	300.4	265.1	230.2	266.1	301.6	302.5	303.4	308.2	313.0
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: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
7703.4	2.5°	7761.2	7832.5	7896.7	7962.9	8029.1	8098.3	8167.5	8236.1	8305.1	8369.8
7583.6	5°	7692.6	7817.5	7943.9	8077.8	8211.8	8355.0	8498.6	8640.9	8783.6	8926.5
7522.9	7.5°	7667.9	7829.5	8002.0	8188.9	8375.8	8588.0	8800.1	9018.0	9235.9	9471.6
7527.1	10°	7680.0	7853.6	8066.4	8287.9	8508.8	8766.7	9024.4	9312.1	9600.1	9898.4
7569.8	12.5°	7695.0	7856.6	8080.2	8330.3	8580.4	8884.4	9188.4	9514.6	9840.9	10168.3
7571.0	15°	7630.9	7760.3	8008.0	8297.5	8587.1	8937.1	9287.1	9641.0	9995.0	10336.6
7457.2	17.5°	7435.3	7515.0	7806.4	8154.6	8502.8	8909.1	9315.4	9701.5	10087.7	10434.1
7218.6	20°	7116.3	7137.3	7476.5	7908.1	8339.7	8832.0	9324.4	9748.8	10173.1	10533.4
6905.6	22.5°	6754.2	6713.0	7099.1	7618.9	8138.6	8737.5	9336.5	9812.6	10288.4	10656.5
6577.5	25°	6403.0	6291.6	6687.4	7295.9	7904.8	8644.2	9384.0	9928.1	10472.0	10832.2
6264.5	27.5°	6096.0	5960.6	6320.8	7000.7	7680.6	8581.9	9483.3	10108.7	10733.8	11077.8
5959.7	30°	5826.0	5719.8	6022.3	6753.9	7485.5	8552.7	9619.4	10342.6	11065.8	11397.7
5668.6	32.5°	5589.5	5542.2	5786.0	6541.1	7295.9	8516.6	9736.7	10586.7	11436.6	11765.2
5387.8	35°	5366.2	5385.7	5588.9	6331.9	7075.0	8448.6	9822.8	10864.7	11906.7	12221.8
5107.9	37.5°	5132.0	5203.6	5381.2	6085.8	6790.3	8332.1	9874.0	11176.2	12478.5	12880.0
4821.1	40°	4875.6	4985.4	5146.5	5792.0	6437.6	8171.7	9906.2	11571.7	13236.9	13822.0
4531.0	42.5°	4603.2	4741.7	4890.0	5467.9	6045.7	8006.2	9967.3	12089.1	14210.8	15055.3
4261.9	45°	4332.4	4466.3	4616.8	5123.6	5630.4	7852.4	10074.7	12769.8	15465.0	16604.1
4031.7	47.5°	4090.7	4205.9	4400.1	4851.2	5302.4	7725.4	10148.5	13495.2	16841.9	18445.4
3825.5	50°	3877.9	4011.8	4267.0	4670.3	5073.6	7587.0	10100.3	14168.1	18235.9	20653.2
3667.5	52.5°	3719.3	3906.5	4199.9	4551.2	4902.7	7353.1	9803.8	14605.1	19406.1	22972.5
3553.2	55°	3635.0	3917.0	4190.0	4464.8	4739.6	6965.5	9191.4	14508.8	19825.9	25028.6
3465.3	57.5°	3584.5	3927.6	4168.3	4362.4	4556.6	6418.9	8281.0	13831.0	19381.4	26485.9
3382.5	60°	3536.9	3894.5	4053.4	4205.9	4358.5	5709.3	7060.0	12569.7	18079.4	26850.1
3288.3	62.5°	3481.5	3813.2	3832.8	3933.9	4035.3	4859.9	5684.6	10864.1	16043.7	25316.7
3159.5	65°	3364.8	3617.6	3615.2	3663.0	3710.9	4095.8	4480.7	9124.0	13767.5	23147.0
2985.5	67.5°	3156.5	3298.5	3305.2	3278.7	3251.9	3361.4	3470.7	7419.3	11367.9	20565.1
2770.7	70°	2892.2	2938.9	2938.9	2815.2	2691.2	2660.2	2628.9	5841.7	9054.5	17747.7
2514.5	72.5°	2597.9	2597.3	2567.8	2392.3	2216.6	2122.1	2027.9	4466.0	6904.1	14693.6
2199.7	75°	2263.8	2275.3	2139.2	1942.4	1745.6	1660.1	1574.6	3241.4	4908.1	11192.5
1877.7	77.5°	1929.2	1935.2	1711.0	1519.9	1328.7	1270.4	1212.3	2196.4	3180.6	7833.7
1504.5	80°	1547.5	1548.5	1280.6	1119.0	957.1	933.0	908.9	1415.1	1921.6	5047.1
1117.2	82.5°	1138.2	1125.6	896.9	777.7	658.5	653.7	649.5	870.4	1091.9	2921.1
726.8	85°	749.4	732.8	562.8	475.5	388.2	390.6	392.8	465.3	538.1	1314.0
322.0	87.5°	331.1	310.0	239.3	203.5	167.9	170.0	172.2	192.9	213.7	430.4
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: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
8434.5	2.5°	8466.4	8498.6	8544.0	8589.5	8616.6	8643.6	8657.2	8670.7	8664.7	8670.7
9069.5	5°	9181.2	9293.1	9403.9	9514.9	9575.1	9635.3	9671.7	9708.4	9736.1	9708.4
9707.5	7.5°	9889.3	10070.8	10234.2	10397.6	10496.1	10594.5	10647.7	10700.7	10726.3	10700.7
10196.6	10°	10411.5	10626.4	10818.1	11009.8	11126.0	11241.5	11293.3	11344.8	11364.3	11344.8
10496.1	12.5°	10729.0	10961.7	11135.0	11307.8	11392.0	11476.3	11504.6	11532.9	11535.9	11532.9
10678.1	15°	10879.2	11079.9	11188.6	11297.5	11300.5	11303.5	11273.4	11243.4	11207.8	11243.4
10780.5	17.5°	10916.2	11051.9	11054.0	11055.9	10934.0	10812.1	10700.4	10588.5	10509.6	10588.5
10893.3	20°	10940.6	10988.1	10845.2	10702.2	10433.2	10164.1	9968.2	9772.2	9651.9	9772.2
11024.3	22.5°	10962.3	10900.3	10604.1	10308.0	9912.2	9516.4	9271.4	9026.5	8893.4	9026.5
11192.8	25°	10997.2	10801.5	10351.9	9902.3	9421.6	8941.0	8683.4	8426.3	8300.5	8426.3
11421.5	27.5°	11071.8	10721.8	10126.2	9530.9	8998.2	8465.5	8212.1	7958.9	7840.1	7958.9
11730.0	30°	11208.4	10687.2	9954.0	9220.9	8665.9	8110.9	7875.9	7640.8	7530.1	7640.8
12094.2	32.5°	11380.0	10666.1	9836.7	9007.2	8485.6	7964.1	7779.6	7594.8	7515.0	7594.8
12536.6	35°	11662.6	10788.9	9924.5	9060.5	8698.1	8336.1	8293.0	8250.0	8243.4	8250.0
13281.5	37.5°	12253.4	11225.3	10439.8	9654.3	9630.8	9607.3	9804.1	10001.0	10103.3	10001.0
14407.1	40°	13289.0	12170.9	11586.7	11002.6	11414.9	11827.2	12305.7	12784.3	13022.6	12784.3
15899.8	42.5°	14790.5	13681.1	13344.7	13008.2	13907.5	14806.7	15677.1	16547.5	17058.5	16547.5
17743.2	45°	16746.7	15750.0	15601.6	15452.9	16893.6	18334.6	19764.8	21195.3	22063.5	21195.3
20048.6	47.5°	19079.2	18109.5	18079.4	18049.3	20127.8	22205.6	24299.4	26392.9	27622.3	26392.9
23070.3	50°	21872.7	20675.5	20680.6	20685.7	23364.3	26042.9	28806.6	31570.3	33241.3	31570.3
26538.9	52.5°	25088.8	23639.1	23492.5	23345.6	26545.2	29744.7	33164.2	36583.5	38586.4	36583.5
30231.7	55°	28799.1	27366.5	26795.0	26223.5	29784.4	33345.1	37421.7	41498.2	43880.3	41498.2
33590.4	57.5°	32810.3	32029.9	30883.6	29737.5	33333.1	36928.7	41546.0	46163.1	49117.1	46163.1
35620.4	60°	36832.1	38044.0	36620.5	35196.9	38599.6	42002.3	46945.9	51889.5	55082.1	51889.5
34589.6	62.5°	37900.5	41211.4	41051.0	40890.2	44007.3	47124.7	51828.1	56531.3	59482.2	56531.3
32526.5	65°	35633.9	38741.4	39356.2	39970.8	43932.1	47893.6	52454.4	57014.9	59527.3	57014.9
29762.2	67.5°	32717.6	35673.1	35961.4	36249.4	40376.8	44503.9	49084.2	53664.6	55632.9	53664.6
26441.0	70°	29655.6	32870.5	32999.3	33128.4	36819.4	40510.1	44451.8	48393.2	49487.2	48393.2
22483.4	72.5°	26172.3	29861.5	29954.2	30046.6	32934.3	35822.0	38774.2	41726.0	41836.8	41726.0
17476.9	75°	21294.9	25112.9	25455.7	25798.5	28045.2	30291.9	32370.0	34448.2	33891.4	34448.2
12486.9	77.5°	16050.9	19615.2	20105.8	20596.4	22304.3	24012.3	25486.1	26960.2	26003.1	26960.2
8172.6	80°	11171.1	14169.3	14779.1	15388.8	16678.7	17968.1	18742.1	19515.9	17976.5	19515.9
4750.7	82.5°	6800.5	8850.7	9531.8	10213.2	11101.0	11988.8	12311.8	12634.4	11424.5	12634.4
2090.2	85°	3178.2	4266.1	4845.5	5424.8	6154.4	6883.6	7066.9	7250.2	6281.1	7250.2
647.1	87.5°	1012.7	1378.4	1701.6	2024.9	2389.6	2754.4	2770.1	2785.4	2338.5	2785.4
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: P956245
 CATALOG NUMBER: GALN-SB8D-950-U-SLR

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
7843.1	0°	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1	7843.1
8657.2	2.5°	8643.6	8616.6	8589.5	8544.0	8498.6	8466.4	8434.5
9671.7	5°	9635.3	9575.1	9514.9	9403.9	9293.1	9181.2	9069.5
10647.7	7.5°	10594.5	10496.1	10397.6	10234.2	10070.8	9889.3	9707.5
11293.3	10°	11241.5	11126.0	11009.8	10818.1	10626.4	10411.5	10196.6
11504.6	12.5°	11476.3	11392.0	11307.8	11135.0	10961.7	10729.0	10496.1
11273.4	15°	11303.5	11300.5	11297.5	11188.6	11079.9	10879.2	10678.1
10700.4	17.5°	10812.1	10934.0	11055.9	11054.0	11051.9	10916.2	10780.5
9968.2	20°	10164.1	10433.2	10702.2	10845.2	10988.1	10940.6	10893.3
9271.4	22.5°	9516.4	9912.2	10308.0	10604.1	10900.3	10962.3	11024.3
8683.4	25°	8941.0	9421.6	9902.3	10351.9	10801.5	10997.2	11192.8
8212.1	27.5°	8465.5	8998.2	9530.9	10126.2	10721.8	11071.8	11421.5
7875.9	30°	8110.9	8665.9	9220.9	9954.0	10687.2	11208.4	11730.0
7779.6	32.5°	7964.1	8485.6	9007.2	9836.7	10666.1	11380.0	12094.2
8293.0	35°	8336.1	8698.1	9060.5	9924.5	10788.9	11662.6	12536.6
9804.1	37.5°	9607.3	9630.8	9654.3	10439.8	11225.3	12253.4	13281.5
12305.7	40°	11827.2	11414.9	11002.6	11586.7	12170.9	13289.0	14407.1
15677.1	42.5°	14806.7	13907.5	13008.2	13344.7	13681.1	14790.5	15899.8
19764.8	45°	18334.6	16893.6	15452.9	15601.6	15750.0	16746.7	17743.2
24299.4	47.5°	22205.6	20127.8	18049.3	18079.4	18109.5	19079.2	20048.6
28806.6	50°	26042.9	23364.3	20685.7	20680.6	20675.5	21872.7	23070.3
33164.2	52.5°	29744.7	26545.2	23345.6	23492.5	23639.1	25088.8	26538.9
37421.7	55°	33345.1	29784.4	26223.5	26795.0	27366.5	28799.1	30231.7
41546.0	57.5°	36928.7	33333.1	29737.5	30883.6	32029.9	32810.3	33590.4
46945.9	60°	42002.3	38599.6	35196.9	36620.5	38044.0	36832.1	35620.4
51828.1	62.5°	47124.7	44007.3	40890.2	41051.0	41211.4	37900.5	34589.6
52454.4	65°	47893.6	43932.1	39970.8	39356.2	38741.4	35633.9	32526.5
49084.2	67.5°	44503.9	40376.8	36249.4	35961.4	35673.1	32717.6	29762.2
44451.8	70°	40510.1	36819.4	33128.4	32999.3	32870.5	29655.6	26441.0
38774.2	72.5°	35822.0	32934.3	30046.6	29954.2	29861.5	26172.3	22483.4
32370.0	75°	30291.9	28045.2	25798.5	25455.7	25112.9	21294.9	17476.9
25486.1	77.5°	24012.3	22304.3	20596.4	20105.8	19615.2	16050.9	12486.9
18742.1	80°	17968.1	16678.7	15388.8	14779.1	14169.3	11171.1	8172.6
12311.8	82.5°	11988.8	11101.0	10213.2	9531.8	8850.7	6800.5	4750.7
7066.9	85°	6883.6	6154.4	5424.8	4845.5	4266.1	3178.2	2090.2
2770.1	87.5°	2754.4	2389.6	2024.9	1701.6	1378.4	1012.7	647.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)