

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: P954479

Luminaire Tested: **GALN-SB7D-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954479
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-SB7D-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 59569 lumens
Efficiency: N/A
Efficacy: 116.2 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): 512.8
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

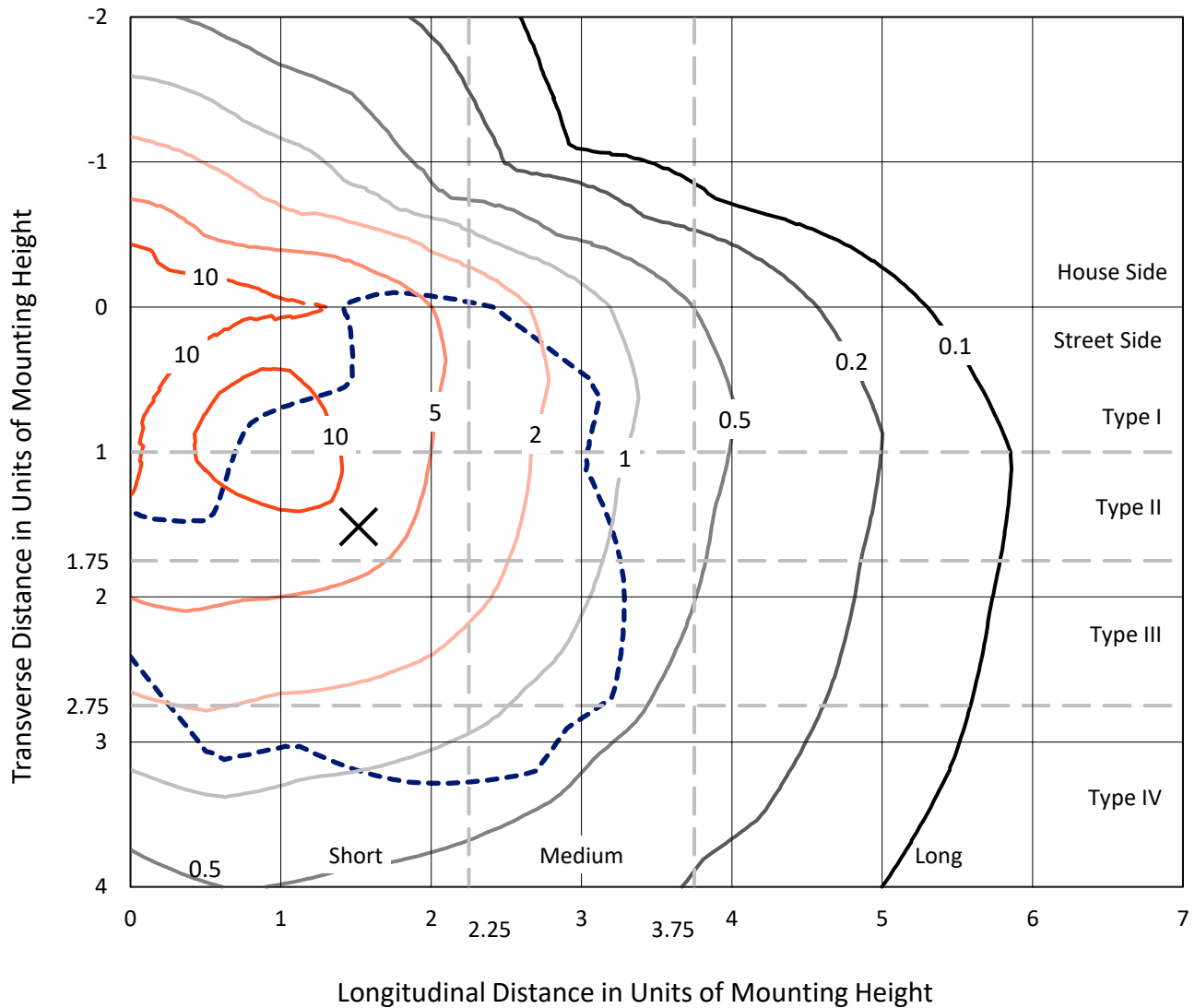


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

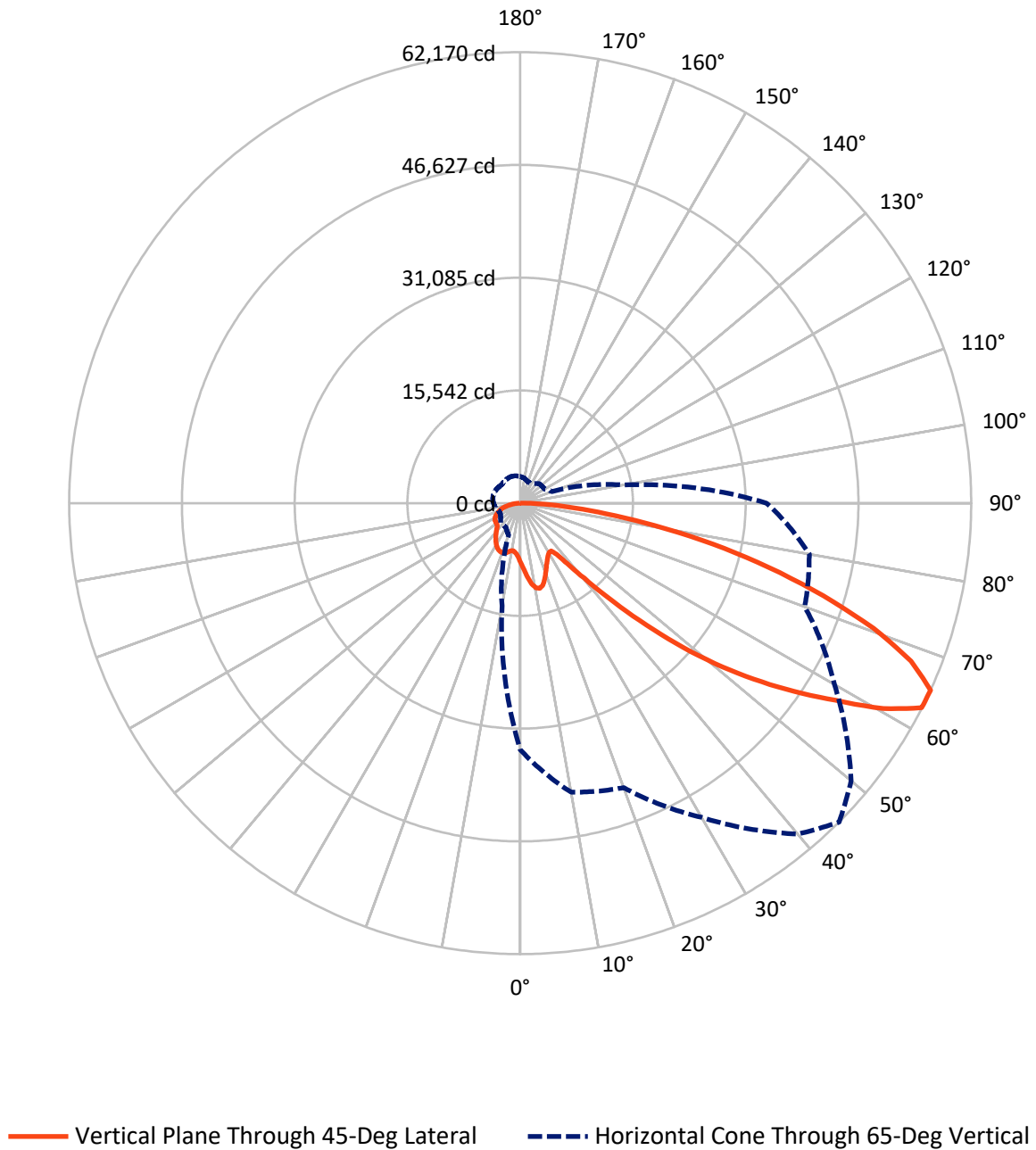


Based on 25 foot mounting height. Maximum calculated value = 18.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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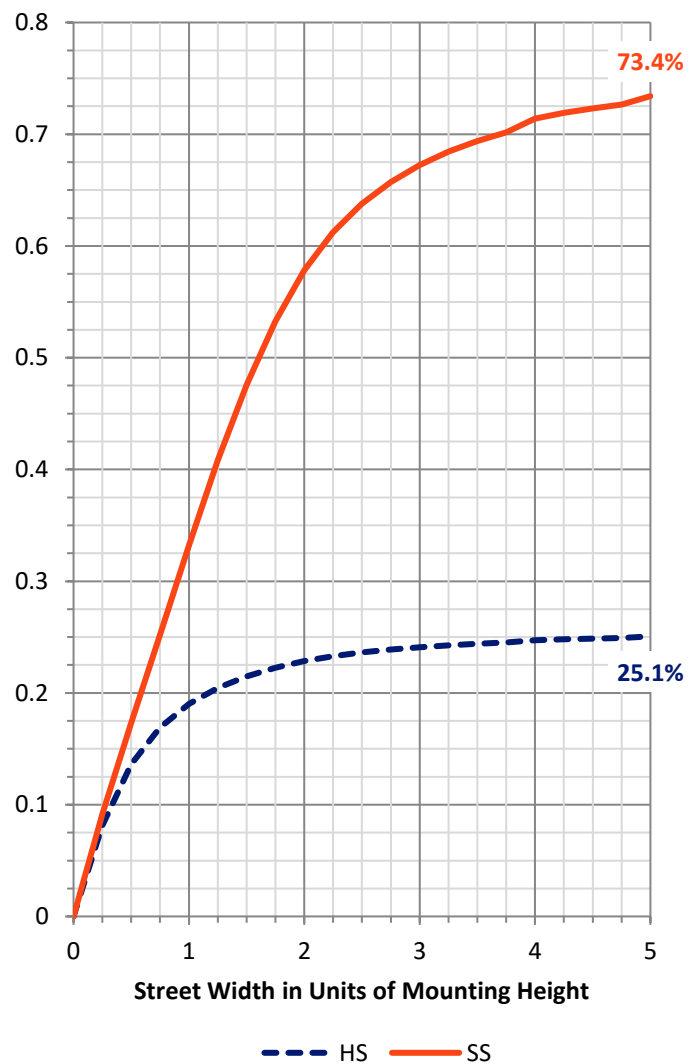
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15139.4	0.0	15139.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	44429.6	0.0	44429.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	59569.0	0.0	59569.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	812.6	1.4
10°-20°	2550.8	4.3
20°-30°	3940.1	6.6
30°-40°	4993.1	8.4
40°-50°	7530.9	12.6
50°-60°	12167.3	20.4
60°-70°	15168.4	25.5
70°-80°	9946.7	16.7
80°-90°	2459.1	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°	59569.0	100.0
0°-180°	59569.0	100.0

Coefficient of Utilization



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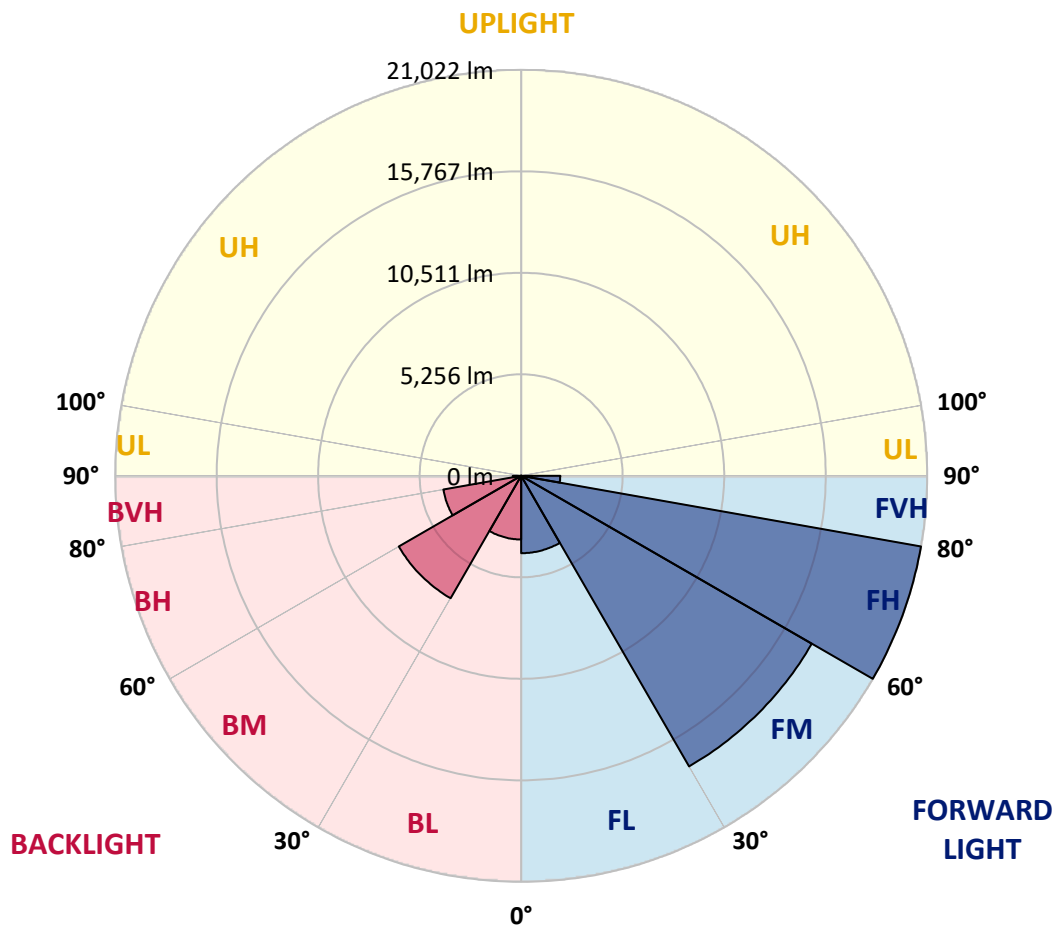
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4006.7	6.7			
FM	(30°-60°)	17375.0	29.2			
FH	(60°-80°)	21022.1	35.3			G5
FVH	(80°-90°)	2025.7	3.4			G5
BL	(0°-30°)	3296.8	5.5	B4/5000		
BM	(30°-60°)	7316.3	12.3	B4/8500		
BH	(60°-80°)	4093.0	6.9	B4/5000		G4/5000
BVH	(80°-90°)	433.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	8808.9	8842.2	8875.8	8923.3	8970.8	8999.1	9027.3	9041.5	9055.6	9049.4	9055.6
5°	9472.1	9588.7	9705.7	9821.3	9937.3	10000.2	10063.0	10101.1	10139.4	10168.3	10139.4
7.5°	10138.5	10328.3	10517.9	10688.5	10859.2	10962.0	11064.8	11120.4	11175.7	11202.5	11175.7
10°	10649.3	10873.7	11098.1	11298.3	11498.6	11619.9	11740.6	11794.6	11848.4	11868.8	11848.4
12.5°	10962.0	11205.3	11448.3	11629.3	11809.7	11897.7	11985.8	12015.3	12044.8	12048.0	12044.8
15°	11152.2	11362.1	11571.8	11685.3	11799.0	11802.2	11805.3	11773.9	11742.5	11705.4	11742.5
17.5°	11259.0	11400.8	11542.6	11544.8	11546.6	11419.3	11292.0	11175.4	11058.5	10976.1	11058.5
20°	11376.9	11426.3	11475.9	11326.6	11177.3	10896.3	10615.3	10410.7	10206.1	10080.3	10206.1
22.5°	11513.6	11448.9	11384.1	11074.8	10765.6	10352.2	9938.9	9683.0	9427.2	9288.2	9427.2
25°	11689.7	11485.4	11281.0	10811.4	10341.8	9839.9	9337.9	9068.8	8800.4	8669.0	8800.4
27.5°	11928.5	11563.3	11197.7	10575.7	9954.0	9397.6	8841.3	8576.6	8312.3	8188.1	8312.3
30°	12250.7	11706.0	11161.6	10395.9	9630.2	9050.6	8471.0	8225.5	7980.0	7864.4	7980.0
32.5°	12631.1	11885.2	11139.6	10273.3	9407.1	8862.3	8317.6	8124.9	7931.9	7848.6	7931.9
35°	13093.1	12180.3	11267.8	10365.1	9462.7	9084.2	8706.1	8661.2	8616.2	8609.3	8616.2
37.5°	13871.1	12797.3	11723.6	10903.2	10082.8	10058.3	10033.8	10239.4	10444.9	10551.8	10444.9
40°	15046.6	13878.9	12711.2	12101.1	11491.0	11921.6	12352.3	12852.0	13351.8	13600.7	13351.8
42.5°	16605.7	15447.1	14288.5	13937.1	13585.7	14524.9	15464.1	16373.1	17282.1	17815.8	17282.1
45°	18530.9	17490.2	16449.1	16294.2	16138.9	17643.6	19148.5	20642.2	22136.2	23043.0	22136.2
47.5°	20938.6	19926.2	18913.4	18882.0	18850.6	21021.3	23191.4	25378.1	27564.5	28848.5	27564.5
50°	24094.4	22843.7	21593.3	21598.7	21604.0	24401.5	27199.0	30085.4	32971.8	34716.9	32971.8
52.5°	27717.0	26202.6	24688.5	24535.4	24382.0	27723.6	31065.1	34636.5	38207.5	40299.3	38207.5
55°	31573.7	30077.5	28581.4	27984.5	27387.6	31106.6	34825.4	39082.9	43340.4	45828.3	43340.4
57.5°	35081.6	34266.8	33451.8	32254.5	31057.6	34812.8	38568.0	43390.4	48212.4	51297.5	48212.4
60°	37201.7	38467.1	39732.9	38246.2	36759.4	40313.1	43866.9	49029.9	54193.0	57527.3	54193.0
62.5°	36125.1	39583.0	43040.8	42873.3	42705.5	45960.9	49216.7	54128.9	59040.8	62122.7	59040.8
65°	33970.4	37215.8	40461.2	41103.4	41745.2	45882.3	50019.7	54783.0	59545.9	62169.9	59545.9
67.5°	31083.4	34170.0	37256.7	37557.8	37858.6	42169.2	46479.5	51263.2	56046.9	58102.6	56046.9
70°	27614.8	30972.1	34329.7	34464.2	34599.1	38453.9	42308.5	46425.2	50541.5	51684.1	50541.5
72.5°	23481.5	27334.1	31187.1	31283.9	31380.4	34396.3	37412.3	40495.5	43578.3	43694.0	43578.3
75°	18252.7	22240.2	26227.7	26585.7	26943.7	29290.2	31636.6	33807.0	35977.4	35395.9	35977.4
77.5°	13041.3	16763.5	20486.0	20998.3	21510.7	23294.5	25078.2	26617.5	28157.0	27157.5	28157.0
80°	8535.4	11667.0	14798.3	15435.1	16072.0	17419.1	18765.7	19574.1	20382.3	18774.5	20382.3
82.5°	4961.6	7102.4	9243.6	9954.9	10666.5	11593.8	12521.0	12858.3	13195.3	11931.7	13195.3
85°	2183.0	3319.2	4455.5	5060.6	5665.7	6427.6	7189.2	7380.6	7572.0	6559.9	7572.0
87.5°	675.8	1057.7	1439.6	1777.2	2114.8	2495.7	2876.7	2893.0	2909.1	2442.3	2909.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	9041.5	9027.3	8999.1	8970.8	8923.3	8875.8	8842.2	8808.9	8741.3	8673.7	8601.8
5°	10101.1	10063.0	10000.2	9937.3	9821.3	9705.7	9588.7	9472.1	9322.8	9173.5	9024.5
7.5°	11120.4	11064.8	10962.0	10859.2	10688.5	10517.9	10328.3	10138.5	9892.1	9645.9	9418.4
10°	11794.6	11740.6	11619.9	11498.6	11298.3	11098.1	10873.7	10649.3	10337.8	10026.3	9725.5
12.5°	12015.3	11985.8	11897.7	11809.7	11629.3	11448.3	11205.3	10962.0	10619.7	10277.7	9937.0
15°	11773.9	11805.3	11802.2	11799.0	11685.3	11571.8	11362.1	11152.2	10795.4	10438.7	10069.0
17.5°	11175.4	11292.0	11419.3	11546.6	11544.8	11542.6	11400.8	11259.0	10897.3	10535.5	10132.2
20°	10410.7	10615.3	10896.3	11177.3	11326.6	11475.9	11426.3	11376.9	11001.0	10624.7	10181.5
22.5°	9683.0	9938.9	10352.2	10765.6	11074.8	11384.1	11448.9	11513.6	11129.5	10745.1	10248.2
25°	9068.8	9337.9	9839.9	10341.8	10811.4	11281.0	11485.4	11689.7	11313.1	10936.9	10368.9
27.5°	8576.6	8841.3	9397.6	9954.0	10575.7	11197.7	11563.3	11928.5	11569.6	11210.3	10557.5
30°	8225.5	8471.0	9050.6	9630.2	10395.9	11161.6	11706.0	12250.7	11903.7	11557.0	10801.7
32.5°	8124.9	8317.6	8862.3	9407.1	10273.3	11139.6	11885.2	12631.1	12287.5	11944.3	11056.6
35°	8661.2	8706.1	9084.2	9462.7	10365.1	11267.8	12180.3	13093.1	12764.3	12435.2	11347.1
37.5°	10239.4	10033.8	10058.3	10082.8	10903.2	11723.6	12797.3	13871.1	13451.8	13032.4	11672.4
40°	12852.0	12352.3	11921.6	11491.0	12101.1	12711.2	13878.9	15046.6	14435.6	13824.5	12085.4
42.5°	16373.1	15464.1	14524.9	13585.7	13937.1	14288.5	15447.1	16605.7	15723.7	14841.7	12625.7
45°	20642.2	19148.5	17643.6	16138.9	16294.2	16449.1	17490.2	18530.9	17341.2	16151.5	13336.7
47.5°	25378.1	23191.4	21021.3	18850.6	18882.0	18913.4	19926.2	20938.6	19264.2	17589.5	14094.2
50°	30085.4	27199.0	24401.5	21604.0	21598.7	21593.3	22843.7	24094.4	21570.1	19045.4	14797.1
52.5°	34636.5	31065.1	27723.6	24382.0	24535.4	24688.5	26202.6	27717.0	23992.3	20267.5	15253.5
55°	39082.9	34825.4	31106.6	27387.6	27984.5	28581.4	30077.5	31573.7	26139.7	20706.0	15152.9
57.5°	43390.4	38568.0	34812.8	31057.6	32254.5	33451.8	34266.8	35081.6	27661.7	20241.8	14445.0
60°	49029.9	43866.9	40313.1	36759.4	38246.2	39732.9	38467.1	37201.7	28042.0	18882.0	13127.7
62.5°	54128.9	49216.7	45960.9	42705.5	42873.3	43040.8	39583.0	36125.1	26440.5	16755.9	11346.4
65°	54783.0	50019.7	45882.3	41745.2	41103.4	40461.2	37215.8	33970.4	24174.6	14378.7	9529.0
67.5°	51263.2	46479.5	42169.2	37858.6	37557.8	37256.7	34170.0	31083.4	21478.0	11872.6	7748.7
70°	46425.2	42308.5	38453.9	34599.1	34464.2	34329.7	30972.1	27614.8	18535.6	9456.4	6101.0
72.5°	40495.5	37412.3	34396.3	31380.4	31283.9	31187.1	27334.1	23481.5	15345.9	7210.6	4664.2
75°	33807.0	31636.6	29290.2	26943.7	26585.7	26227.7	22240.2	18252.7	11689.3	5126.0	3385.3
77.5°	26617.5	25078.2	23294.5	21510.7	20998.3	20486.0	16763.5	13041.3	8181.5	3321.8	2293.9
80°	19574.1	18765.7	17419.1	16072.0	15435.1	14798.3	11667.0	8535.4	5271.2	2007.0	1477.9
82.5°	12858.3	12521.0	11593.8	10666.5	9954.9	9243.6	7102.4	4961.6	3050.8	1140.4	909.0
85°	7380.6	7189.2	6427.6	5665.7	5060.6	4455.5	3319.2	2183.0	1372.3	562.0	485.9
87.5°	2893.0	2876.7	2495.7	2114.8	1777.2	1439.6	1057.7	675.8	449.5	223.2	201.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	8530.1	8457.8	8385.5	8316.4	8247.2	8180.2	8105.8	8045.4	7985.4	7931.0	7876.9
5°	8875.8	8725.9	8576.3	8436.4	8296.5	8164.5	8034.1	7920.3	7806.2	7710.7	7615.4
7.5°	9190.8	8969.2	8747.6	8552.4	8357.2	8177.1	8008.3	7856.8	7705.6	7579.9	7454.2
10°	9425.0	9155.9	8886.5	8655.8	8424.5	8202.3	8020.9	7861.2	7701.5	7575.8	7450.1
12.5°	9596.3	9278.8	8961.3	8700.1	8438.9	8205.4	8036.6	7905.8	7775.7	7692.1	7609.1
15°	9699.4	9333.8	8968.3	8665.9	8363.5	8104.8	7969.7	7907.1	7844.9	7856.2	7867.5
17.5°	9728.9	9304.6	8880.2	8516.6	8152.9	7848.6	7765.3	7788.3	7810.9	7948.0	8085.0
20°	9738.3	9224.1	8709.9	8259.1	7808.4	7454.2	7432.2	7539.0	7645.9	7883.8	8122.1
22.5°	9750.9	9125.4	8499.9	7957.1	7414.2	7011.0	7054.0	7212.1	7370.2	7641.8	7914.0
25°	9800.6	9028.0	8255.7	7619.8	6984.3	6570.9	6687.2	6869.5	7051.8	7296.1	7540.6
27.5°	9904.3	8962.9	8021.5	7311.5	6601.4	6225.2	6366.6	6542.6	6718.6	6919.5	7120.0
30°	10046.4	8932.4	7817.8	7053.7	6289.6	5973.7	6084.7	6224.2	6364.4	6531.0	6697.6
32.5°	10169.0	8894.7	7619.8	6831.5	6042.9	5788.3	5837.6	5920.3	6002.9	6135.9	6269.2
35°	10258.9	8823.7	7389.1	6613.0	5837.0	5624.8	5604.4	5627.0	5650.0	5751.5	5852.7
37.5°	10312.3	8702.0	7091.7	6355.9	5620.1	5434.6	5359.8	5334.7	5309.5	5382.5	5455.1
40°	10345.9	8534.5	6723.4	6049.1	5374.9	5206.8	5092.0	5035.1	4978.2	5030.7	5083.2
42.5°	10409.7	8361.6	6314.1	5710.6	5107.1	4952.2	4807.6	4732.1	4656.7	4699.4	4742.5
45°	10522.0	8201.0	5880.3	5351.0	4821.7	4664.5	4524.7	4451.1	4377.9	4413.7	4450.2
47.5°	10599.0	8068.4	5537.7	5066.6	4595.4	4392.7	4272.3	4210.7	4149.1	4183.0	4216.6
50°	10548.7	7923.8	5298.9	4877.7	4456.5	4189.9	4050.0	3995.4	3941.0	3993.8	4046.9
52.5°	10239.1	7679.5	5120.3	4753.2	4386.4	4079.9	3884.4	3830.3	3776.6	3856.1	3935.3
55°	9599.4	7274.7	4950.0	4663.0	4376.0	4090.9	3796.4	3710.9	3625.7	3738.6	3851.1
57.5°	8648.6	6703.9	4758.8	4556.1	4353.4	4101.9	3743.6	3619.1	3494.6	3616.0	3737.3
60°	7373.4	5962.7	4552.0	4392.7	4233.3	4067.3	3693.9	3532.7	3371.1	3477.7	3583.9
62.5°	5936.9	5075.7	4214.4	4108.5	4002.9	3982.5	3636.1	3434.3	3232.8	3300.4	3368.0
65°	4679.6	4277.6	3875.6	3825.6	3775.6	3778.2	3514.1	3299.8	3085.1	3111.2	3136.9
67.5°	3624.8	3510.7	3396.3	3424.2	3451.9	3445.0	3296.6	3118.1	2939.5	2931.4	2923.2
70°	2745.6	2778.3	2810.7	2940.2	3069.4	3069.4	3020.6	2893.7	2766.7	2738.4	2710.1
72.5°	2117.9	2216.3	2315.0	2498.6	2681.8	2712.6	2713.2	2626.2	2539.1	2497.6	2456.4
75°	1644.5	1733.8	1823.1	2028.6	2234.2	2376.3	2364.3	2297.4	2230.1	2190.5	2150.6
77.5°	1266.1	1326.8	1387.7	1587.3	1786.9	2021.1	2014.8	1961.1	1907.3	1867.1	1826.8
80°	949.3	974.4	999.5	1168.7	1337.4	1617.2	1616.2	1571.3	1526.0	1492.4	1458.5
82.5°	678.3	682.7	687.7	812.2	936.7	1175.6	1188.8	1166.8	1144.8	1120.9	1097.0
85°	410.2	408.0	405.5	496.6	587.8	765.4	782.7	759.1	735.5	708.8	682.1
87.5°	179.8	177.6	175.4	212.5	249.9	323.8	345.8	336.3	326.9	321.9	316.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954479

CATALOG NUMBER: GALN-SB7D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	7829.5	7782.0	7734.2	7686.8	7650.0	7612.9	7583.0	7553.2	7529.9	7506.7	7485.3
5°	7531.2	7446.9	7370.6	7293.9	7235.1	7176.0	7134.8	7093.6	7064.4	7035.2	7012.9
7.5°	7348.2	7242.0	7148.3	7055.0	6984.9	6915.1	6866.1	6817.0	6783.4	6750.1	6730.0
10°	7336.0	7221.6	7116.3	7011.0	6927.4	6843.4	6788.7	6733.4	6701.7	6669.9	6653.0
12.5°	7519.2	7430.0	7320.9	7212.1	7105.3	6998.4	6927.7	6857.0	6821.4	6786.2	6771.8
15°	7844.2	7821.0	7726.4	7631.8	7479.6	7327.5	7220.0	7112.5	7063.1	7014.1	6995.3
17.5°	8157.9	8230.5	8154.2	8078.1	7876.6	7675.1	7516.7	7358.3	7285.4	7212.1	7188.2
20°	8274.5	8427.0	8391.8	8356.3	8125.9	7895.8	7701.5	7507.6	7414.2	7320.6	7290.7
22.5°	8112.4	8310.7	8332.1	8353.1	8133.1	7913.1	7713.2	7512.9	7414.6	7315.9	7282.9
25°	7735.8	7931.0	8003.9	8076.5	7896.1	7716.0	7538.1	7360.8	7275.3	7190.1	7159.0
27.5°	7276.6	7433.1	7514.2	7595.6	7467.1	7338.8	7200.8	7062.8	7005.6	6948.1	6934.0
30°	6827.4	6957.5	7023.5	7089.5	6991.8	6893.7	6795.0	6695.7	6666.5	6636.9	6636.9
32.5°	6393.6	6518.4	6591.7	6665.2	6575.3	6485.1	6406.2	6327.3	6308.1	6289.0	6291.5
35°	5975.9	6099.4	6187.4	6275.5	6211.3	6147.5	6074.6	6002.0	5972.8	5943.8	5937.6
37.5°	5578.0	5701.2	5809.9	5918.7	5889.2	5859.6	5792.7	5725.4	5672.3	5619.5	5591.5
40°	5202.0	5320.9	5446.0	5571.4	5578.6	5585.5	5528.6	5471.7	5394.4	5317.7	5265.5
42.5°	4855.0	4967.9	5103.0	5238.2	5274.3	5310.5	5262.4	5214.6	5118.7	5022.9	4947.1
45°	4557.1	4663.9	4804.1	4944.3	4996.2	5048.0	5004.6	4961.6	4851.9	4742.5	4653.5
47.5°	4321.3	4425.7	4564.0	4702.3	4762.0	4821.7	4791.5	4761.4	4663.9	4566.5	4484.1
50°	4145.6	4244.0	4367.8	4491.7	4568.4	4645.1	4643.2	4641.9	4564.0	4486.0	4409.9
52.5°	4025.8	4116.1	4231.4	4347.1	4437.9	4528.8	4545.1	4561.5	4498.0	4434.5	4366.3
55°	3948.5	4046.0	4147.2	4248.1	4344.3	4440.8	4463.4	4486.0	4430.7	4375.4	4315.7
57.5°	3851.7	3966.1	4066.1	4166.3	4263.5	4360.3	4383.2	4406.2	4350.2	4294.3	4235.2
60°	3715.3	3846.7	3948.2	4050.0	4147.5	4244.9	4270.1	4295.2	4240.5	4186.2	4125.2
62.5°	3521.0	3674.4	3782.9	3891.3	3980.6	4069.9	4094.1	4118.3	4068.9	4019.6	3955.4
65°	3301.0	3465.4	3569.1	3672.9	3751.4	3830.0	3854.9	3879.4	3831.9	3784.4	3722.2
67.5°	3074.7	3226.5	3324.9	3423.0	3490.9	3558.8	3583.0	3606.9	3563.2	3519.8	3462.0
70°	2843.4	2976.6	3061.5	3146.4	3207.7	3269.0	3292.2	3315.5	3280.0	3244.4	3189.1
72.5°	2561.4	2666.1	2742.8	2819.5	2879.5	2939.5	2967.2	2994.9	2965.3	2935.8	2883.0
75°	2228.5	2306.5	2376.0	2445.4	2500.1	2554.8	2583.7	2612.7	2598.2	2583.7	2539.4
77.5°	1890.3	1953.5	2013.2	2073.0	2130.5	2187.7	2214.7	2241.7	2221.6	2200.9	2156.3
80°	1511.3	1563.8	1614.0	1664.3	1708.0	1751.4	1787.2	1823.1	1814.3	1805.8	1745.7
82.5°	1092.6	1088.2	1070.6	1053.0	1146.0	1239.1	1300.0	1361.0	1357.2	1353.2	1302.6
85°	659.4	636.5	587.8	539.1	626.1	713.5	789.0	864.4	858.1	851.8	812.2
87.5°	315.9	315.0	277.9	240.5	276.9	313.7	344.2	374.7	367.1	359.0	338.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954479

CATALOG NUMBER: GALN-SB7D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	7463.6	7436.9	7463.6	7485.3	7506.7	7529.9	7553.2	7583.0	7612.9	7650.0	7686.8
5°	6990.5	6968.5	6990.5	7012.9	7035.2	7064.4	7093.6	7134.8	7176.0	7235.1	7293.9
7.5°	6710.2	6695.1	6710.2	6730.0	6750.1	6783.4	6817.0	6866.1	6915.1	6984.9	7055.0
10°	6636.0	6629.1	6636.0	6653.0	6669.9	6701.7	6733.4	6788.7	6843.4	6927.4	7011.0
12.5°	6757.3	6754.8	6757.3	6771.8	6786.2	6821.4	6857.0	6927.7	6998.4	7105.3	7212.1
15°	6976.4	6974.8	6976.4	6995.3	7014.1	7063.1	7112.5	7220.0	7327.5	7479.6	7631.8
17.5°	7164.0	7160.3	7164.0	7188.2	7212.1	7285.4	7358.3	7516.7	7675.1	7876.6	8078.1
20°	7260.9	7251.4	7260.9	7290.7	7320.6	7414.2	7507.6	7701.5	7895.8	8125.9	8356.3
22.5°	7249.9	7235.7	7249.9	7282.9	7315.9	7414.6	7512.9	7713.2	7913.1	8133.1	8353.1
25°	7128.2	7110.0	7128.2	7159.0	7190.1	7275.3	7360.8	7538.1	7716.0	7896.1	8076.5
27.5°	6919.8	6915.1	6919.8	6934.0	6948.1	7005.6	7062.8	7200.8	7338.8	7467.1	7595.6
30°	6636.9	6641.6	6636.9	6636.9	6636.9	6666.5	6695.7	6795.0	6893.7	6991.8	7089.5
32.5°	6294.3	6299.0	6294.3	6291.5	6289.0	6308.1	6327.3	6406.2	6485.1	6575.3	6665.2
35°	5931.3	5928.1	5931.3	5937.6	5943.8	5972.8	6002.0	6074.6	6147.5	6211.3	6275.5
37.5°	5563.5	5547.8	5563.5	5591.5	5619.5	5672.3	5725.4	5792.7	5859.6	5889.2	5918.7
40°	5214.0	5183.2	5214.0	5265.5	5317.7	5394.4	5471.7	5528.6	5585.5	5578.6	5571.4
42.5°	4871.4	4821.7	4871.4	4947.1	5022.9	5118.7	5214.6	5262.4	5310.5	5274.3	5238.2
45°	4564.6	4507.4	4564.6	4653.5	4742.5	4851.9	4961.6	5004.6	5048.0	4996.2	4944.3
47.5°	4402.1	4347.1	4402.1	4484.1	4566.5	4663.9	4761.4	4791.5	4821.7	4762.0	4702.3
50°	4333.9	4281.1	4333.9	4409.9	4486.0	4564.0	4641.9	4643.2	4645.1	4568.4	4491.7
52.5°	4298.4	4249.6	4298.4	4366.3	4434.5	4498.0	4561.5	4545.1	4528.8	4437.9	4347.1
55°	4255.9	4211.9	4255.9	4315.7	4375.4	4430.7	4486.0	4463.4	4440.8	4344.3	4248.1
57.5°	4175.8	4130.2	4175.8	4235.2	4294.3	4350.2	4406.2	4383.2	4360.3	4263.5	4166.3
60°	4064.2	4017.0	4064.2	4125.2	4186.2	4240.5	4295.2	4270.1	4244.9	4147.5	4050.0
62.5°	3891.3	3834.7	3891.3	3955.4	4019.6	4068.9	4118.3	4094.1	4069.9	3980.6	3891.3
65°	3660.3	3611.6	3660.3	3722.2	3784.4	3831.9	3879.4	3854.9	3830.0	3751.4	3672.9
67.5°	3404.1	3360.1	3404.1	3462.0	3519.8	3563.2	3606.9	3583.0	3558.8	3490.9	3423.0
70°	3133.8	3083.5	3133.8	3189.1	3244.4	3280.0	3315.5	3292.2	3269.0	3207.7	3146.4
72.5°	2830.5	2781.8	2830.5	2883.0	2935.8	2965.3	2994.9	2967.2	2939.5	2879.5	2819.5
75°	2495.1	2448.6	2495.1	2539.4	2583.7	2598.2	2612.7	2583.7	2554.8	2500.1	2445.4
77.5°	2111.6	2074.5	2111.6	2156.3	2200.9	2221.6	2241.7	2214.7	2187.7	2130.5	2073.0
80°	1685.4	1615.6	1685.4	1745.7	1805.8	1814.3	1823.1	1787.2	1751.4	1708.0	1664.3
82.5°	1251.6	1207.0	1251.6	1302.6	1353.2	1357.2	1361.0	1300.0	1239.1	1146.0	1053.0
85°	772.6	732.4	772.6	812.2	851.8	858.1	864.4	789.0	713.5	626.1	539.1
87.5°	318.1	298.6	318.1	338.8	359.0	367.1	374.7	344.2	313.7	276.9	240.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954479

CATALOG NUMBER: GALN-SB7D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	7734.2	7782.0	7829.5	7876.9	7931.0	7985.4	8045.4	8105.8	8180.2	8247.2	8316.4
5°	7370.6	7446.9	7531.2	7615.4	7710.7	7806.2	7920.3	8034.1	8164.5	8296.5	8436.4
7.5°	7148.3	7242.0	7348.2	7454.2	7579.9	7705.6	7856.8	8008.3	8177.1	8357.2	8552.4
10°	7116.3	7221.6	7336.0	7450.1	7575.8	7701.5	7861.2	8020.9	8202.3	8424.5	8655.8
12.5°	7320.9	7430.0	7519.2	7609.1	7692.1	7775.7	7905.8	8036.6	8205.4	8438.9	8700.1
15°	7726.4	7821.0	7844.2	7867.5	7856.2	7844.9	7907.1	7969.7	8104.8	8363.5	8665.9
17.5°	8154.2	8230.5	8157.9	8085.0	7948.0	7810.9	7788.3	7765.3	7848.6	8152.9	8516.6
20°	8391.8	8427.0	8274.5	8122.1	7883.8	7645.9	7539.0	7432.2	7454.2	7808.4	8259.1
22.5°	8332.1	8310.7	8112.4	7914.0	7641.8	7370.2	7212.1	7054.0	7011.0	7414.2	7957.1
25°	8003.9	7931.0	7735.8	7540.6	7296.1	7051.8	6869.5	6687.2	6570.9	6984.3	7619.8
27.5°	7514.2	7433.1	7276.6	7120.0	6919.5	6718.6	6542.6	6366.6	6225.2	6601.4	7311.5
30°	7023.5	6957.5	6827.4	6697.6	6531.0	6364.4	6224.2	6084.7	5973.7	6289.6	7053.7
32.5°	6591.7	6518.4	6393.6	6269.2	6135.9	6002.9	5920.3	5837.6	5788.3	6042.9	6831.5
35°	6187.4	6099.4	5975.9	5852.7	5751.5	5650.0	5627.0	5604.4	5624.8	5837.0	6613.0
37.5°	5809.9	5701.2	5578.0	5455.1	5382.5	5309.5	5334.7	5359.8	5434.6	5620.1	6355.9
40°	5446.0	5320.9	5202.0	5083.2	5030.7	4978.2	5035.1	5092.0	5206.8	5374.9	6049.1
42.5°	5103.0	4967.9	4855.0	4742.5	4699.4	4656.7	4732.1	4807.6	4952.2	5107.1	5710.6
45°	4804.1	4663.9	4557.1	4450.2	4413.7	4377.9	4451.1	4524.7	4664.5	4821.7	5351.0
47.5°	4564.0	4425.7	4321.3	4216.6	4183.0	4149.1	4210.7	4272.3	4392.7	4595.4	5066.6
50°	4367.8	4244.0	4145.6	4046.9	3993.8	3941.0	3995.4	4050.0	4189.9	4456.5	4877.7
52.5°	4231.4	4116.1	4025.8	3935.3	3856.1	3776.6	3830.3	3884.4	4079.9	4386.4	4753.2
55°	4147.2	4046.0	3948.5	3851.1	3738.6	3625.7	3710.9	3796.4	4090.9	4376.0	4663.0
57.5°	4066.1	3966.1	3851.7	3737.3	3616.0	3494.6	3619.1	3743.6	4101.9	4353.4	4556.1
60°	3948.2	3846.7	3715.3	3583.9	3477.7	3371.1	3532.7	3693.9	4067.3	4233.3	4392.7
62.5°	3782.9	3674.4	3521.0	3368.0	3300.4	3232.8	3434.3	3636.1	3982.5	4002.9	4108.5
65°	3569.1	3465.4	3301.0	3136.9	3111.2	3085.1	3299.8	3514.1	3778.2	3775.6	3825.6
67.5°	3324.9	3226.5	3074.7	2923.2	2931.4	2939.5	3118.1	3296.6	3445.0	3451.9	3424.2
70°	3061.5	2976.6	2843.4	2710.1	2738.4	2766.7	2893.7	3020.6	3069.4	3069.4	2940.2
72.5°	2742.8	2666.1	2561.4	2456.4	2497.6	2539.1	2626.2	2713.2	2712.6	2681.8	2498.6
75°	2376.0	2306.5	2228.5	2150.6	2190.5	2230.1	2297.4	2364.3	2376.3	2234.2	2028.6
77.5°	2013.2	1953.5	1890.3	1826.8	1867.1	1907.3	1961.1	2014.8	2021.1	1786.9	1587.3
80°	1614.0	1563.8	1511.3	1458.5	1492.4	1526.0	1571.3	1616.2	1617.2	1337.4	1168.7
82.5°	1070.6	1088.2	1092.6	1097.0	1120.9	1144.8	1166.8	1188.8	1175.6	936.7	812.2
85°	587.8	636.5	659.4	682.1	708.8	735.5	759.1	782.7	765.4	587.8	496.6
87.5°	277.9	315.0	315.9	316.8	321.9	326.9	336.3	345.8	323.8	249.9	212.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954479

CATALOG NUMBER: GALN-SB7D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3	8191.3
2.5°	8385.5	8457.8	8530.1	8601.8	8673.7	8741.3	8808.9
5°	8576.3	8725.9	8875.8	9024.5	9173.5	9322.8	9472.1
7.5°	8747.6	8969.2	9190.8	9418.4	9645.9	9892.1	10138.5
10°	8886.5	9155.9	9425.0	9725.5	10026.3	10337.8	10649.3
12.5°	8961.3	9278.8	9596.3	9937.0	10277.7	10619.7	10962.0
15°	8968.3	9333.8	9699.4	10069.0	10438.7	10795.4	11152.2
17.5°	8880.2	9304.6	9728.9	10132.2	10535.5	10897.3	11259.0
20°	8709.9	9224.1	9738.3	10181.5	10624.7	11001.0	11376.9
22.5°	8499.9	9125.4	9750.9	10248.2	10745.1	11129.5	11513.6
25°	8255.7	9028.0	9800.6	10368.9	10936.9	11313.1	11689.7
27.5°	8021.5	8962.9	9904.3	10557.5	11210.3	11569.6	11928.5
30°	7817.8	8932.4	10046.4	10801.7	11557.0	11903.7	12250.7
32.5°	7619.8	8894.7	10169.0	11056.6	11944.3	12287.5	12631.1
35°	7389.1	8823.7	10258.9	11347.1	12435.2	12764.3	13093.1
37.5°	7091.7	8702.0	10312.3	11672.4	13032.4	13451.8	13871.1
40°	6723.4	8534.5	10345.9	12085.4	13824.5	14435.6	15046.6
42.5°	6314.1	8361.6	10409.7	12625.7	14841.7	15723.7	16605.7
45°	5880.3	8201.0	10522.0	13336.7	16151.5	17341.2	18530.9
47.5°	5537.7	8068.4	10599.0	14094.2	17589.5	19264.2	20938.6
50°	5298.9	7923.8	10548.7	14797.1	19045.4	21570.1	24094.4
52.5°	5120.3	7679.5	10239.1	15253.5	20267.5	23992.3	27717.0
55°	4950.0	7274.7	9599.4	15152.9	20706.0	26139.7	31573.7
57.5°	4758.8	6703.9	8648.6	14445.0	20241.8	27661.7	35081.6
60°	4552.0	5962.7	7373.4	13127.7	18882.0	28042.0	37201.7
62.5°	4214.4	5075.7	5936.9	11346.4	16755.9	26440.5	36125.1
65°	3875.6	4277.6	4679.6	9529.0	14378.7	24174.6	33970.4
67.5°	3396.3	3510.7	3624.8	7748.7	11872.6	21478.0	31083.4
70°	2810.7	2778.3	2745.6	6101.0	9456.4	18535.6	27614.8
72.5°	2315.0	2216.3	2117.9	4664.2	7210.6	15345.9	23481.5
75°	1823.1	1733.8	1644.5	3385.3	5126.0	11689.3	18252.7
77.5°	1387.7	1326.8	1266.1	2293.9	3321.8	8181.5	13041.3
80°	999.5	974.4	949.3	1477.9	2007.0	5271.2	8535.4
82.5°	687.7	682.7	678.3	909.0	1140.4	3050.8	4961.6
85°	405.5	408.0	410.2	485.9	562.0	1372.3	2183.0
87.5°	175.4	177.6	179.8	201.5	223.2	449.5	675.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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