

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: P956978

Luminaire Tested: **GALN-SB9C-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956978
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-SB9C-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 56148 lumens
Efficiency: N/A
Efficacy: 124.8 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): 449.8
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



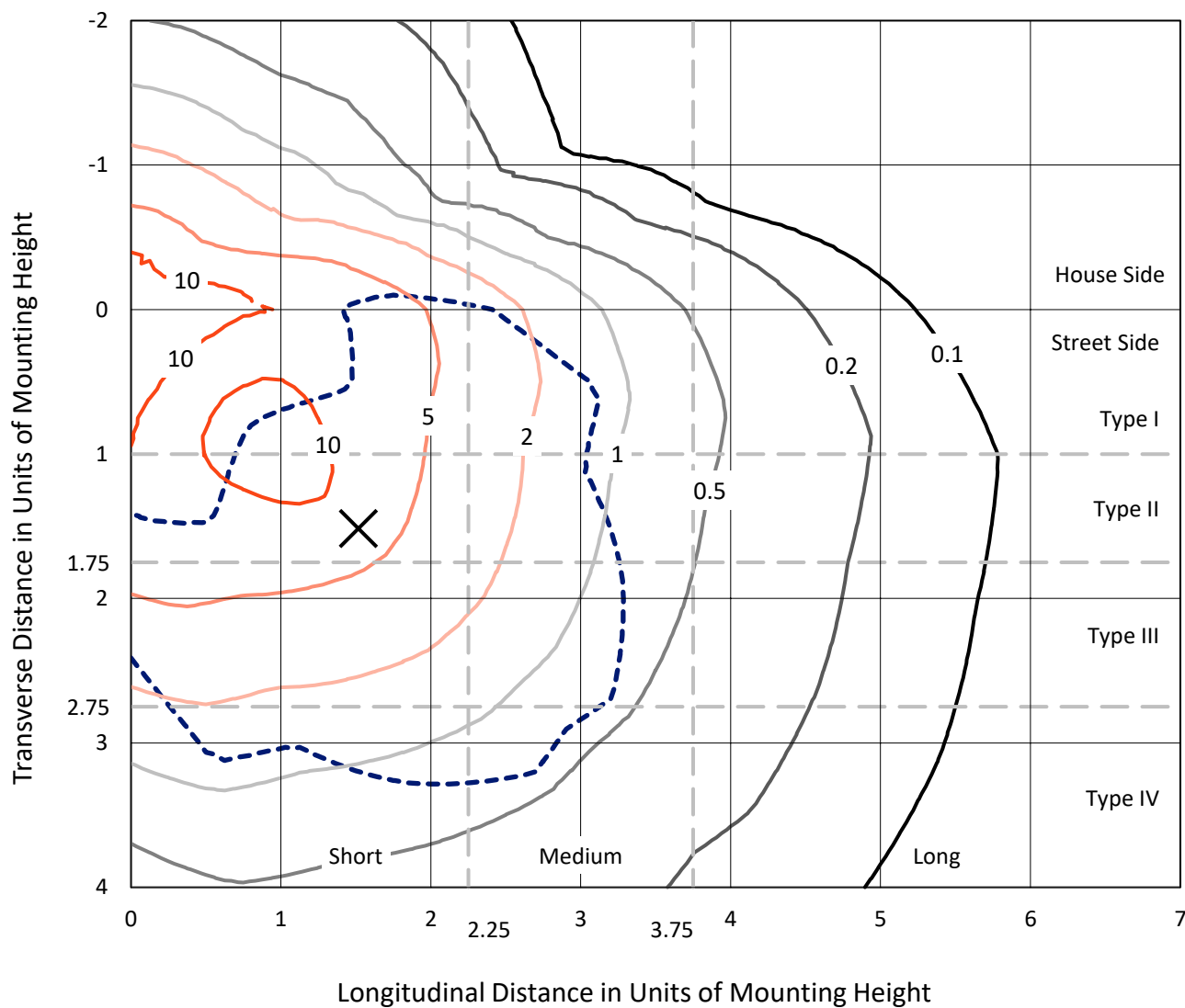
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

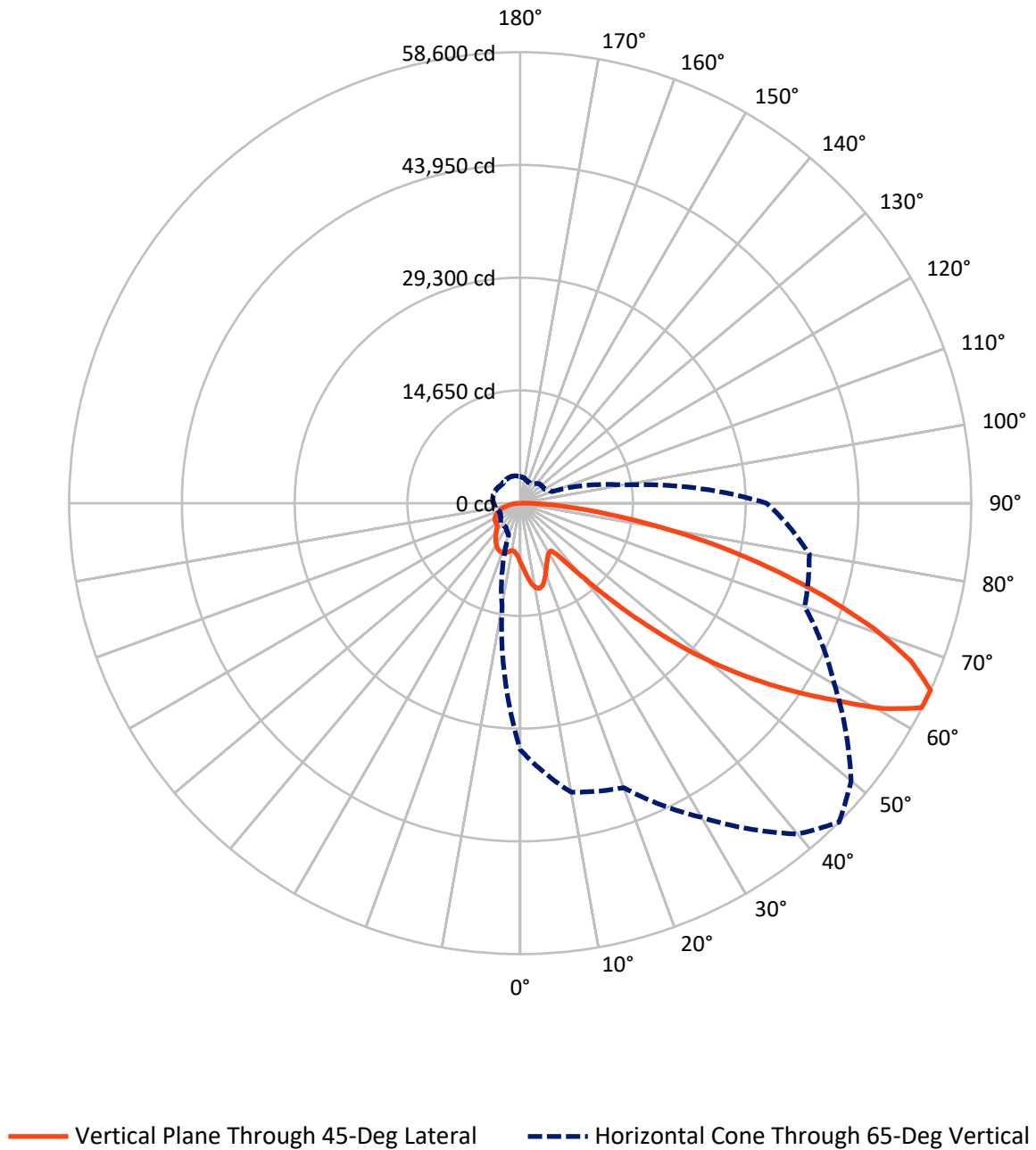


Based on 25 foot mounting height. Maximum calculated value = 17.1 fc

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	14270.0	0.0	14270.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	41878.0	0.0	41878.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	56148.0	0.0	56148.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	765.9	1.4
10°-20°	2404.3	4.3
20°-30°	3713.8	6.6
30°-40°	4706.4	8.4
40°-50°	7098.4	12.6
50°-60°	11468.5	20.4
60°-70°	14297.3	25.5
70°-80°	9375.5	16.7
80°-90°	2317.9	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°	56148.0	100.0
0°-180°	56148.0	100.0

Coefficient of Utilization



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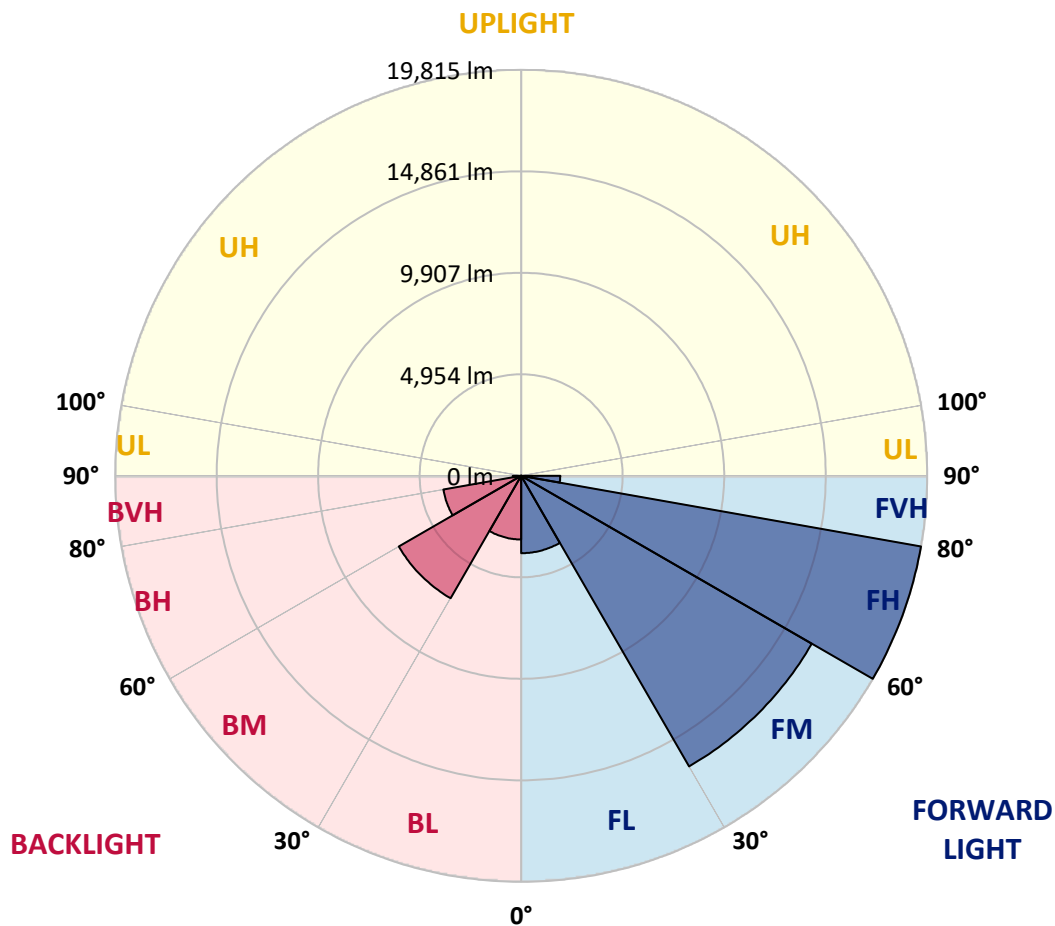
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3776.6	6.7			
FM	(30°-60°)	16377.2	29.2			
FH	(60°-80°)	19814.9	35.3			G5
FVH	(80°-90°)	1909.4	3.4			G5
BL	(0°-30°)	3107.5	5.5	B4/5000		
BM	(30°-60°)	6896.1	12.3	B4/8500		
BH	(60°-80°)	3857.9	6.9	B4/5000		G4/5000
BVH	(80°-90°)	408.5	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	8303.0	8334.4	8366.1	8410.8	8455.6	8482.3	8508.9	8522.2	8535.6	8529.7	8535.6
5°	8928.1	9038.1	9148.3	9257.3	9366.6	9425.9	9485.1	9521.0	9557.1	9584.4	9557.1
7.5°	9556.2	9735.2	9913.8	10074.7	10235.6	10332.5	10429.3	10481.8	10533.9	10559.1	10533.9
10°	10037.7	10249.2	10460.8	10649.5	10838.2	10952.6	11066.3	11117.3	11168.0	11187.2	11168.0
12.5°	10332.5	10561.8	10790.8	10961.5	11131.5	11214.5	11297.4	11325.3	11353.1	11356.1	11353.1
15°	10511.7	10709.6	10907.2	11014.2	11121.4	11124.4	11127.4	11097.7	11068.1	11033.1	11068.1
17.5°	10612.4	10746.1	10879.7	10881.8	10883.5	10763.5	10643.6	10533.6	10423.4	10345.8	10423.4
20°	10723.5	10770.1	10816.9	10676.1	10535.4	10270.5	10005.7	9812.8	9619.9	9501.4	9619.9
22.5°	10852.4	10791.4	10730.4	10438.8	10147.3	9757.7	9368.1	9126.9	8885.8	8754.8	8885.8
25°	11018.3	10825.8	10633.2	10190.6	9747.9	9274.8	8801.6	8548.0	8295.0	8171.2	8295.0
27.5°	11243.5	10899.2	10554.7	9968.3	9382.3	8857.9	8333.5	8084.1	7834.9	7717.9	7834.9
30°	11547.2	11033.7	10520.6	9798.9	9077.2	8530.8	7984.5	7753.1	7521.7	7412.7	7521.7
32.5°	11905.7	11202.6	10499.9	9683.3	8866.8	8353.4	7839.9	7658.3	7476.4	7397.9	7476.4
35°	12341.2	11480.8	10620.7	9769.8	8919.3	8562.5	8206.1	8163.8	8121.4	8114.9	8121.4
37.5°	13074.5	12062.4	11050.3	10277.1	9503.8	9480.7	9457.6	9651.3	9845.1	9945.8	9845.1
40°	14182.5	13081.9	11981.2	11406.2	10831.1	11237.0	11642.9	12113.9	12585.0	12819.7	12585.0
42.5°	15652.0	14560.0	13467.9	13136.7	12805.4	13690.7	14576.0	15432.8	16289.6	16792.7	16289.6
45°	17466.7	16485.7	15504.5	15358.4	15212.1	16630.3	18048.9	19456.7	20864.9	21719.7	20864.9
47.5°	19736.1	18781.8	17827.2	17797.6	17768.0	19814.0	21859.5	23920.7	25981.5	27191.8	25981.5
50°	22710.7	21531.8	20353.3	20358.3	20363.3	23000.1	25637.0	28357.6	31078.3	32723.2	31078.3
52.5°	26125.2	24697.8	23270.6	23126.4	22981.8	26131.4	29281.1	32647.3	36013.3	37985.0	36013.3
55°	29760.5	28350.2	26940.0	26377.3	25814.7	29320.2	32825.4	36838.4	40851.4	43196.4	40851.4
57.5°	33066.9	32298.9	31530.7	30402.2	29274.0	32813.5	36353.1	40898.5	45443.6	48351.5	45443.6
60°	35065.2	36258.0	37451.1	36049.7	34648.4	37998.0	41347.6	46214.2	51080.8	54223.6	51080.8
62.5°	34050.5	37309.8	40569.0	40411.1	40252.9	43321.4	46390.2	51020.3	55650.1	58555.1	55650.1
65°	32019.5	35078.5	38137.5	38742.8	39347.8	43247.3	47147.2	51636.9	56126.3	58599.5	56126.3
67.5°	29298.3	32207.7	35117.1	35400.9	35684.4	39747.5	43810.2	48319.2	52828.2	54765.8	52828.2
70°	26028.9	29193.4	32358.2	32485.0	32612.1	36245.6	39878.7	43759.0	47639.0	48715.9	47639.0
72.5°	22133.0	25764.4	29396.1	29487.3	29578.3	32421.0	35263.7	38169.8	41075.7	41184.7	41075.7
75°	17204.5	20963.0	24721.5	25058.9	25396.4	27608.1	29819.7	31865.5	33911.2	33363.1	33911.2
77.5°	12292.3	15800.7	19309.5	19792.4	20275.3	21956.7	23638.0	25088.9	26540.0	25597.9	26540.0
80°	8045.3	10997.0	13948.5	14548.7	15149.0	16418.8	17688.0	18450.0	19211.7	17696.3	19211.7
82.5°	4676.6	6694.5	8712.8	9383.2	10054.0	10928.0	11802.0	12119.9	12437.5	11246.5	12437.5
85°	2057.6	3128.6	4199.6	4770.0	5340.3	6058.5	6776.3	6956.7	7137.2	6183.2	7137.2
87.5°	637.0	997.0	1356.9	1675.1	1993.3	2352.4	2711.5	2726.9	2742.0	2302.0	2742.0
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°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	8522.2	8508.9	8482.3	8455.6	8410.8	8366.1	8334.4	8303.0	8239.3	8175.6	8107.8
5°	9521.0	9485.1	9425.9	9366.6	9257.3	9148.3	9038.1	8928.1	8787.4	8646.7	8506.2
7.5°	10481.8	10429.3	10332.5	10235.6	10074.7	9913.8	9735.2	9556.2	9324.0	9092.0	8877.5
10°	11117.3	11066.3	10952.6	10838.2	10649.5	10460.8	10249.2	10037.7	9744.1	9450.5	9166.9
12.5°	11325.3	11297.4	11214.5	11131.5	10961.5	10790.8	10561.8	10332.5	10009.8	9687.5	9366.3
15°	11097.7	11127.4	11124.4	11121.4	11014.2	10907.2	10709.6	10511.7	10175.4	9839.2	9490.8
17.5°	10533.6	10643.6	10763.5	10883.5	10881.8	10879.7	10746.1	10612.4	10271.4	9930.4	9550.3
20°	9812.8	10005.7	10270.5	10535.4	10676.1	10816.9	10770.1	10723.5	10369.2	10014.6	9596.8
22.5°	9126.9	9368.1	9757.7	10147.3	10438.8	10730.4	10791.4	10852.4	10490.4	10128.0	9659.6
25°	8548.0	8801.6	9274.8	9747.9	10190.6	10633.2	10825.8	11018.3	10663.4	10308.8	9773.4
27.5°	8084.1	8333.5	8857.9	9382.3	9968.3	10554.7	10899.2	11243.5	10905.2	10566.5	9951.2
30°	7753.1	7984.5	8530.8	9077.2	9798.9	10520.6	11033.7	11547.2	11220.1	10893.3	10181.4
32.5°	7658.3	7839.9	8353.4	8866.8	9683.3	10499.9	11202.6	11905.7	11581.8	11258.3	10421.6
35°	8163.8	8206.1	8562.5	8919.3	9769.8	10620.7	11480.8	12341.2	12031.3	11721.1	10695.4
37.5°	9651.3	9457.6	9480.7	9503.8	10277.1	11050.3	12062.4	13074.5	12679.2	12284.0	11002.0
40°	12113.9	11642.9	11237.0	10831.1	11406.2	11981.2	13081.9	14182.5	13606.6	13030.6	11391.3
42.5°	15432.8	14576.0	13690.7	12805.4	13136.7	13467.9	14560.0	15652.0	14820.7	13989.3	11900.6
45°	19456.7	18048.9	16630.3	15212.1	15358.4	15504.5	16485.7	17466.7	16345.3	15223.9	12570.8
47.5°	23920.7	21859.5	19814.0	17768.0	17797.6	17827.2	18781.8	19736.1	18157.9	16579.3	13284.8
50°	28357.6	25637.0	23000.1	20363.3	20358.3	20353.3	21531.8	22710.7	20331.3	17951.7	13947.3
52.5°	32647.3	29281.1	26131.4	22981.8	23126.4	23270.6	24697.8	26125.2	22614.4	19103.6	14377.5
55°	36838.4	32825.4	29320.2	25814.7	26377.3	26940.0	28350.2	29760.5	24638.5	19516.9	14282.7
57.5°	40898.5	36353.1	32813.5	29274.0	30402.2	31530.7	32298.9	33066.9	26073.1	19079.3	13615.5
60°	46214.2	41347.6	37998.0	34648.4	36049.7	37451.1	36258.0	35065.2	26431.6	17797.6	12373.8
62.5°	51020.3	46390.2	43321.4	40252.9	40411.1	40569.0	37309.8	34050.5	24922.1	15793.6	10694.8
65°	51636.9	47147.2	43247.3	39347.8	38742.8	38137.5	35078.5	32019.5	22786.2	13552.9	8981.8
67.5°	48319.2	43810.2	39747.5	35684.4	35400.9	35117.1	32207.7	29298.3	20244.5	11190.8	7303.7
70°	43759.0	39878.7	36245.6	32612.1	32485.0	32358.2	29193.4	26028.9	17471.1	8913.3	5750.6
72.5°	38169.8	35263.7	32421.0	29578.3	29487.3	29396.1	25764.4	22133.0	14464.6	6796.5	4396.4
75°	31865.5	29819.7	27608.1	25396.4	25058.9	24721.5	20963.0	17204.5	11018.0	4831.6	3190.8
77.5°	25088.9	23638.0	21956.7	20275.3	19792.4	19309.5	15800.7	12292.3	7711.6	3131.0	2162.2
80°	18450.0	17688.0	16418.8	15149.0	14548.7	13948.5	10997.0	8045.3	4968.5	1891.7	1393.1
82.5°	12119.9	11802.0	10928.0	10054.0	9383.2	8712.8	6694.5	4676.6	2875.6	1074.9	856.8
85°	6956.7	6776.3	6058.5	5340.3	4770.0	4199.6	3128.6	2057.6	1293.5	529.7	458.0
87.5°	2726.9	2711.5	2352.4	1993.3	1675.1	1356.9	997.0	637.0	423.7	210.4	189.9
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°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	8040.2	7972.1	7903.9	7838.7	7773.6	7710.5	7640.2	7583.4	7526.8	7475.5	7424.6
5°	8366.1	8224.8	8083.8	7951.9	7820.1	7695.7	7572.7	7465.4	7357.9	7267.8	7178.1
7.5°	8663.0	8454.1	8245.2	8061.2	7877.3	7707.5	7548.4	7405.6	7263.1	7144.6	7026.1
10°	8883.7	8630.1	8376.2	8158.7	7940.7	7731.2	7560.3	7409.7	7259.2	7140.7	7022.2
12.5°	9045.2	8745.9	8446.7	8200.5	7954.3	7734.2	7575.1	7451.8	7329.2	7250.4	7172.1
15°	9142.3	8797.8	8453.2	8168.2	7883.2	7639.4	7512.0	7453.0	7394.3	7405.0	7415.7
17.5°	9170.2	8770.2	8370.3	8027.5	7684.7	7397.9	7319.4	7341.0	7362.3	7491.5	7620.7
20°	9179.1	8694.4	8209.7	7784.8	7360.0	7026.1	7005.3	7106.1	7206.8	7431.1	7655.7
22.5°	9190.9	8601.4	8011.8	7500.1	6988.5	6608.3	6648.9	6797.9	6947.0	7203.0	7459.5
25°	9237.7	8509.5	7781.6	7182.2	6583.2	6193.6	6303.2	6475.0	6646.8	6877.1	7107.6
27.5°	9335.5	8448.2	7560.8	6891.6	6222.3	5867.7	6001.0	6166.9	6332.8	6522.1	6711.1
30°	9469.4	8419.4	7368.9	6648.6	5928.4	5630.6	5735.2	5866.8	5998.9	6155.9	6313.0
32.5°	9585.0	8383.9	7182.2	6439.2	5695.8	5455.8	5502.4	5580.3	5658.2	5783.5	5909.1
35°	9669.7	8316.9	6964.7	6233.3	5501.8	5301.8	5282.5	5303.9	5325.5	5421.2	5516.6
37.5°	9720.1	8202.3	6684.5	5990.9	5297.3	5122.5	5052.0	5028.3	5004.6	5073.4	5141.8
40°	9751.8	8044.4	6337.2	5701.7	5066.2	4907.7	4799.6	4746.0	4692.3	4741.8	4791.3
42.5°	9811.9	7881.4	5951.5	5382.7	4813.8	4667.8	4531.5	4460.4	4389.3	4429.6	4470.1
45°	9917.7	7730.0	5542.6	5043.7	4544.8	4396.7	4264.8	4195.5	4126.5	4160.2	4194.6
47.5°	9990.3	7605.0	5219.7	4775.6	4331.5	4140.4	4026.9	3968.9	3910.8	3942.8	3974.5
50°	9942.9	7468.7	4994.5	4597.5	4200.5	3949.3	3817.5	3765.9	3714.7	3764.4	3814.5
52.5°	9651.0	7238.5	4826.3	4480.2	4134.5	3845.6	3661.3	3610.4	3559.7	3634.7	3709.3
55°	9048.1	6856.9	4665.7	4395.2	4124.7	3856.0	3578.4	3497.8	3417.5	3523.9	3629.9
57.5°	8151.9	6318.9	4485.5	4294.5	4103.4	3866.3	3528.6	3411.3	3293.9	3408.3	3522.7
60°	6949.9	5620.3	4290.6	4140.4	3990.2	3833.8	3481.8	3329.8	3177.5	3277.9	3378.1
62.5°	5596.0	4784.2	3972.4	3872.6	3773.0	3753.8	3427.3	3237.1	3047.2	3110.9	3174.5
65°	4410.9	4032.0	3653.0	3605.9	3558.8	3561.2	3312.3	3110.3	2907.9	2932.5	2956.8
67.5°	3416.6	3309.1	3201.2	3227.6	3253.7	3247.1	3107.3	2939.0	2770.7	2763.0	2755.3
70°	2587.9	2618.7	2649.3	2771.3	2893.1	2893.1	2847.2	2727.5	2607.8	2581.1	2554.5
72.5°	1996.3	2089.0	2182.0	2355.1	2527.8	2556.8	2557.4	2475.3	2393.3	2354.2	2315.4
75°	1550.1	1634.2	1718.4	1912.1	2105.9	2239.8	2228.6	2165.4	2102.0	2064.7	2027.1
77.5°	1193.4	1250.6	1308.0	1496.2	1684.3	1905.0	1899.1	1848.4	1797.8	1759.9	1721.9
80°	894.7	918.4	942.1	1101.5	1260.6	1524.3	1523.4	1481.1	1438.4	1406.7	1374.7
82.5°	639.4	643.5	648.2	765.6	882.9	1108.1	1120.5	1099.8	1079.0	1056.5	1034.0
85°	386.6	384.6	382.2	468.1	554.0	721.4	737.7	715.5	693.3	668.1	642.9
87.5°	169.5	167.4	165.3	200.3	235.5	305.2	325.9	317.0	308.1	303.4	298.6
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: P956978

CATALOG NUMBER: GALN-SB9C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	7379.8	7335.1	7290.1	7245.3	7210.7	7175.7	7147.5	7119.4	7097.5	7075.6	7055.4
5°	7098.7	7019.3	6947.3	6875.0	6819.6	6763.9	6725.1	6686.3	6658.7	6631.1	6610.1
7.5°	6926.2	6826.1	6737.8	6649.8	6583.7	6518.0	6471.8	6425.5	6393.8	6362.4	6343.5
10°	6914.7	6806.8	6707.6	6608.3	6529.5	6450.4	6398.9	6346.7	6316.8	6286.9	6270.9
12.5°	7087.4	7003.3	6900.5	6797.9	6697.2	6596.5	6529.8	6463.2	6429.7	6396.5	6382.9
15°	7393.7	7371.8	7282.6	7193.5	7050.1	6906.7	6805.4	6704.0	6657.5	6611.3	6593.5
17.5°	7689.4	7757.9	7685.9	7614.2	7424.3	7234.4	7085.0	6935.7	6867.0	6797.9	6775.4
20°	7799.3	7943.0	7909.9	7876.4	7659.2	7442.3	7259.2	7076.4	6988.5	6900.2	6872.0
22.5°	7646.5	7833.4	7853.6	7873.4	7666.0	7458.6	7270.2	7081.5	6988.7	6895.7	6864.6
25°	7291.5	7475.5	7544.3	7612.7	7442.6	7272.9	7105.2	6938.1	6857.5	6777.2	6747.9
27.5°	6858.7	7006.2	7082.7	7159.4	7038.2	6917.3	6787.3	6657.2	6603.3	6549.1	6535.7
30°	6435.3	6558.0	6620.2	6682.4	6590.3	6497.8	6404.8	6311.2	6283.6	6255.8	6255.8
32.5°	6026.5	6144.1	6213.1	6282.4	6197.7	6112.7	6038.3	5963.9	5945.9	5927.8	5930.2
35°	5632.7	5749.1	5832.1	5915.1	5854.6	5794.5	5725.7	5657.3	5629.7	5602.5	5596.6
37.5°	5257.6	5373.8	5476.3	5578.8	5550.9	5523.1	5460.0	5396.6	5346.5	5296.7	5270.4
40°	4903.3	5015.3	5133.2	5251.4	5258.2	5264.7	5211.1	5157.5	5084.6	5012.3	4963.1
42.5°	4576.2	4682.6	4810.0	4937.4	4971.4	5005.5	4960.2	4915.1	4824.8	4734.4	4663.0
45°	4295.3	4396.1	4528.2	4660.3	4709.2	4758.1	4717.2	4676.6	4573.2	4470.1	4386.3
47.5°	4073.1	4171.5	4301.9	4432.2	4488.5	4544.8	4516.4	4487.9	4396.1	4304.2	4226.6
50°	3907.5	4000.3	4117.0	4233.7	4306.0	4378.3	4376.5	4375.3	4301.9	4228.4	4156.7
52.5°	3794.6	3879.7	3988.4	4097.4	4183.1	4268.7	4284.1	4299.5	4239.6	4179.8	4115.5
55°	3721.8	3813.6	3909.0	4004.1	4094.8	4185.7	4207.1	4228.4	4176.2	4124.1	4067.8
57.5°	3630.5	3738.4	3832.6	3927.1	4018.6	4109.9	4131.5	4153.1	4100.4	4047.7	3992.0
60°	3501.9	3625.8	3721.5	3817.5	3909.3	4001.1	4024.8	4048.5	3997.0	3945.7	3888.3
62.5°	3318.8	3463.4	3565.6	3667.8	3752.0	3836.1	3858.9	3881.7	3835.2	3788.7	3728.3
65°	3111.4	3266.4	3364.2	3461.9	3536.0	3610.1	3633.5	3656.6	3611.8	3567.1	3508.4
67.5°	2898.1	3041.2	3134.0	3226.4	3290.4	3354.4	3377.2	3399.7	3358.5	3317.6	3263.1
70°	2680.1	2805.7	2885.7	2965.7	3023.4	3081.2	3103.1	3125.1	3091.6	3058.1	3006.0
72.5°	2414.3	2513.0	2585.3	2657.6	2714.1	2770.7	2796.8	2822.9	2795.0	2767.2	2717.4
75°	2100.6	2174.0	2239.5	2305.0	2356.5	2408.1	2435.4	2462.6	2449.0	2435.4	2393.6
77.5°	1781.8	1841.3	1897.6	1953.9	2008.1	2062.0	2087.5	2113.0	2094.0	2074.5	2032.4
80°	1424.5	1474.0	1521.4	1568.8	1609.9	1650.8	1684.6	1718.4	1710.1	1702.1	1645.5
82.5°	1029.8	1025.7	1009.1	992.5	1080.2	1167.9	1225.4	1282.9	1279.3	1275.4	1227.7
85°	621.6	599.9	554.0	508.1	590.2	672.5	743.6	814.7	808.8	802.9	765.6
87.5°	297.8	296.9	261.9	226.6	261.0	295.7	324.4	353.2	346.0	338.3	319.4
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: P956978

CATALOG NUMBER: GALN-SB9C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	7035.0	7009.8	7035.0	7055.4	7075.6	7097.5	7119.4	7147.5	7175.7	7210.7	7245.3
5°	6589.1	6568.3	6589.1	6610.1	6631.1	6658.7	6686.3	6725.1	6763.9	6819.6	6875.0
7.5°	6324.8	6310.6	6324.8	6343.5	6362.4	6393.8	6425.5	6471.8	6518.0	6583.7	6649.8
10°	6254.9	6248.4	6254.9	6270.9	6286.9	6316.8	6346.7	6398.9	6450.4	6529.5	6608.3
12.5°	6369.2	6366.9	6369.2	6382.9	6396.5	6429.7	6463.2	6529.8	6596.5	6697.2	6797.9
15°	6575.7	6574.3	6575.7	6593.5	6611.3	6657.5	6704.0	6805.4	6906.7	7050.1	7193.5
17.5°	6752.6	6749.1	6752.6	6775.4	6797.9	6867.0	6935.7	7085.0	7234.4	7424.3	7614.2
20°	6843.9	6835.0	6843.9	6872.0	6900.2	6988.5	7076.4	7259.2	7442.3	7659.2	7876.4
22.5°	6833.5	6820.2	6833.5	6864.6	6895.7	6988.7	7081.5	7270.2	7458.6	7666.0	7873.4
25°	6718.8	6701.7	6718.8	6747.9	6777.2	6857.5	6938.1	7105.2	7272.9	7442.6	7612.7
27.5°	6522.4	6518.0	6522.4	6535.7	6549.1	6603.3	6657.2	6787.3	6917.3	7038.2	7159.4
30°	6255.8	6260.2	6255.8	6255.8	6255.8	6283.6	6311.2	6404.8	6497.8	6590.3	6682.4
32.5°	5932.8	5937.3	5932.8	5930.2	5927.8	5945.9	5963.9	6038.3	6112.7	6197.7	6282.4
35°	5590.6	5587.7	5590.6	5596.6	5602.5	5629.7	5657.3	5725.7	5794.5	5854.6	5915.1
37.5°	5244.0	5229.2	5244.0	5270.4	5296.7	5346.5	5396.6	5460.0	5523.1	5550.9	5578.8
40°	4914.6	4885.5	4914.6	4963.1	5012.3	5084.6	5157.5	5211.1	5264.7	5258.2	5251.4
42.5°	4591.6	4544.8	4591.6	4663.0	4734.4	4824.8	4915.1	4960.2	5005.5	4971.4	4937.4
45°	4302.5	4248.5	4302.5	4386.3	4470.1	4573.2	4676.6	4717.2	4758.1	4709.2	4660.3
47.5°	4149.3	4097.4	4149.3	4226.6	4304.2	4396.1	4487.9	4516.4	4544.8	4488.5	4432.2
50°	4085.0	4035.2	4085.0	4156.7	4228.4	4301.9	4375.3	4376.5	4378.3	4306.0	4233.7
52.5°	4051.5	4005.6	4051.5	4115.5	4179.8	4239.6	4299.5	4284.1	4268.7	4183.1	4097.4
55°	4011.5	3970.0	4011.5	4067.8	4124.1	4176.2	4228.4	4207.1	4185.7	4094.8	4004.1
57.5°	3936.0	3893.0	3936.0	3992.0	4047.7	4100.4	4153.1	4131.5	4109.9	4018.6	3927.1
60°	3830.8	3786.3	3830.8	3888.3	3945.7	3997.0	4048.5	4024.8	4001.1	3909.3	3817.5
62.5°	3667.8	3614.5	3667.8	3728.3	3788.7	3835.2	3881.7	3858.9	3836.1	3752.0	3667.8
65°	3450.1	3404.2	3450.1	3508.4	3567.1	3611.8	3656.6	3633.5	3610.1	3536.0	3461.9
67.5°	3208.6	3167.1	3208.6	3263.1	3317.6	3358.5	3399.7	3377.2	3354.4	3290.4	3226.4
70°	2953.8	2906.4	2953.8	3006.0	3058.1	3091.6	3125.1	3103.1	3081.2	3023.4	2965.7
72.5°	2667.9	2622.0	2667.9	2717.4	2767.2	2795.0	2822.9	2796.8	2770.7	2714.1	2657.6
75°	2351.8	2308.0	2351.8	2393.6	2435.4	2449.0	2462.6	2435.4	2408.1	2356.5	2305.0
77.5°	1990.4	1955.4	1990.4	2032.4	2074.5	2094.0	2113.0	2087.5	2062.0	2008.1	1953.9
80°	1588.6	1522.8	1588.6	1645.5	1702.1	1710.1	1718.4	1684.6	1650.8	1609.9	1568.8
82.5°	1179.8	1137.7	1179.8	1227.7	1275.4	1279.3	1282.9	1225.4	1167.9	1080.2	992.5
85°	728.2	690.3	728.2	765.6	802.9	808.8	814.7	743.6	672.5	590.2	508.1
87.5°	299.8	281.5	299.8	319.4	338.3	346.0	353.2	324.4	295.7	261.0	226.6
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: P956978

CATALOG NUMBER: GALN-SB9C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	7290.1	7335.1	7379.8	7424.6	7475.5	7526.8	7583.4	7640.2	7710.5	7773.6	7838.7
5°	6947.3	7019.3	7098.7	7178.1	7267.8	7357.9	7465.4	7572.7	7695.7	7820.1	7951.9
7.5°	6737.8	6826.1	6926.2	7026.1	7144.6	7263.1	7405.6	7548.4	7707.5	7877.3	8061.2
10°	6707.6	6806.8	6914.7	7022.2	7140.7	7259.2	7409.7	7560.3	7731.2	7940.7	8158.7
12.5°	6900.5	7003.3	7087.4	7172.1	7250.4	7329.2	7451.8	7575.1	7734.2	7954.3	8200.5
15°	7282.6	7371.8	7393.7	7415.7	7405.0	7394.3	7453.0	7512.0	7639.4	7883.2	8168.2
17.5°	7685.9	7757.9	7689.4	7620.7	7491.5	7362.3	7341.0	7319.4	7397.9	7684.7	8027.5
20°	7909.9	7943.0	7799.3	7655.7	7431.1	7206.8	7106.1	7005.3	7026.1	7360.0	7784.8
22.5°	7853.6	7833.4	7646.5	7459.5	7203.0	6947.0	6797.9	6648.9	6608.3	6988.5	7500.1
25°	7544.3	7475.5	7291.5	7107.6	6877.1	6646.8	6475.0	6303.2	6193.6	6583.2	7182.2
27.5°	7082.7	7006.2	6858.7	6711.1	6522.1	6332.8	6166.9	6001.0	5867.7	6222.3	6891.6
30°	6620.2	6558.0	6435.3	6313.0	6155.9	5998.9	5866.8	5735.2	5630.6	5928.4	6648.6
32.5°	6213.1	6144.1	6026.5	5909.1	5783.5	5658.2	5580.3	5502.4	5455.8	5695.8	6439.2
35°	5832.1	5749.1	5632.7	5516.6	5421.2	5325.5	5303.9	5282.5	5301.8	5501.8	6233.3
37.5°	5476.3	5373.8	5257.6	5141.8	5073.4	5004.6	5028.3	5052.0	5122.5	5297.3	5990.9
40°	5133.2	5015.3	4903.3	4791.3	4741.8	4692.3	4746.0	4799.6	4907.7	5066.2	5701.7
42.5°	4810.0	4682.6	4576.2	4470.1	4429.6	4389.3	4460.4	4531.5	4667.8	4813.8	5382.7
45°	4528.2	4396.1	4295.3	4194.6	4160.2	4126.5	4195.5	4264.8	4396.7	4544.8	5043.7
47.5°	4301.9	4171.5	4073.1	3974.5	3942.8	3910.8	3968.9	4026.9	4140.4	4331.5	4775.6
50°	4117.0	4000.3	3907.5	3814.5	3764.4	3714.7	3765.9	3817.5	3949.3	4200.5	4597.5
52.5°	3988.4	3879.7	3794.6	3709.3	3634.7	3559.7	3610.4	3661.3	3845.6	4134.5	4480.2
55°	3909.0	3813.6	3721.8	3629.9	3523.9	3417.5	3497.8	3578.4	3856.0	4124.7	4395.2
57.5°	3832.6	3738.4	3630.5	3522.7	3408.3	3293.9	3411.3	3528.6	3866.3	4103.4	4294.5
60°	3721.5	3625.8	3501.9	3378.1	3277.9	3177.5	3329.8	3481.8	3833.8	3990.2	4140.4
62.5°	3565.6	3463.4	3318.8	3174.5	3110.9	3047.2	3237.1	3427.3	3753.8	3773.0	3872.6
65°	3364.2	3266.4	3111.4	2956.8	2932.5	2907.9	3110.3	3312.3	3561.2	3558.8	3605.9
67.5°	3134.0	3041.2	2898.1	2755.3	2763.0	2770.7	2939.0	3107.3	3247.1	3253.7	3227.6
70°	2885.7	2805.7	2680.1	2554.5	2581.1	2607.8	2727.5	2847.2	2893.1	2893.1	2771.3
72.5°	2585.3	2513.0	2414.3	2315.4	2354.2	2393.3	2475.3	2557.4	2556.8	2527.8	2355.1
75°	2239.5	2174.0	2100.6	2027.1	2064.7	2102.0	2165.4	2228.6	2239.8	2105.9	1912.1
77.5°	1897.6	1841.3	1781.8	1721.9	1759.9	1797.8	1848.4	1899.1	1905.0	1684.3	1496.2
80°	1521.4	1474.0	1424.5	1374.7	1406.7	1438.4	1481.1	1523.4	1524.3	1260.6	1101.5
82.5°	1009.1	1025.7	1029.8	1034.0	1056.5	1079.0	1099.8	1120.5	1108.1	882.9	765.6
85°	554.0	599.9	621.6	642.9	668.1	693.3	715.5	737.7	721.4	554.0	468.1
87.5°	261.9	296.9	297.8	298.6	303.4	308.1	317.0	325.9	305.2	235.5	200.3
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: P956978

CATALOG NUMBER: GALN-SB9C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8	7720.8
2.5°	7903.9	7972.1	8040.2	8107.8	8175.6	8239.3	8303.0
5°	8083.8	8224.8	8366.1	8506.2	8646.7	8787.4	8928.1
7.5°	8245.2	8454.1	8663.0	8877.5	9092.0	9324.0	9556.2
10°	8376.2	8630.1	8883.7	9166.9	9450.5	9744.1	10037.7
12.5°	8446.7	8745.9	9045.2	9366.3	9687.5	10009.8	10332.5
15°	8453.2	8797.8	9142.3	9490.8	9839.2	10175.4	10511.7
17.5°	8370.3	8770.2	9170.2	9550.3	9930.4	10271.4	10612.4
20°	8209.7	8694.4	9179.1	9596.8	10014.6	10369.2	10723.5
22.5°	8011.8	8601.4	9190.9	9659.6	10128.0	10490.4	10852.4
25°	7781.6	8509.5	9237.7	9773.4	10308.8	10663.4	11018.3
27.5°	7560.8	8448.2	9335.5	9951.2	10566.5	10905.2	11243.5
30°	7368.9	8419.4	9469.4	10181.4	10893.3	11220.1	11547.2
32.5°	7182.2	8383.9	9585.0	10421.6	11258.3	11581.8	11905.7
35°	6964.7	8316.9	9669.7	10695.4	11721.1	12031.3	12341.2
37.5°	6684.5	8202.3	9720.1	11002.0	12284.0	12679.2	13074.5
40°	6337.2	8044.4	9751.8	11391.3	13030.6	13606.6	14182.5
42.5°	5951.5	7881.4	9811.9	11900.6	13989.3	14820.7	15652.0
45°	5542.6	7730.0	9917.7	12570.8	15223.9	16345.3	17466.7
47.5°	5219.7	7605.0	9990.3	13284.8	16579.3	18157.9	19736.1
50°	4994.5	7468.7	9942.9	13947.3	17951.7	20331.3	22710.7
52.5°	4826.3	7238.5	9651.0	14377.5	19103.6	22614.4	26125.2
55°	4665.7	6856.9	9048.1	14282.7	19516.9	24638.5	29760.5
57.5°	4485.5	6318.9	8151.9	13615.5	19079.3	26073.1	33066.9
60°	4290.6	5620.3	6949.9	12373.8	17797.6	26431.6	35065.2
62.5°	3972.4	4784.2	5596.0	10694.8	15793.6	24922.1	34050.5
65°	3653.0	4032.0	4410.9	8981.8	13552.9	22786.2	32019.5
67.5°	3201.2	3309.1	3416.6	7303.7	11190.8	20244.5	29298.3
70°	2649.3	2618.7	2587.9	5750.6	8913.3	17471.1	26028.9
72.5°	2182.0	2089.0	1996.3	4396.4	6796.5	14464.6	22133.0
75°	1718.4	1634.2	1550.1	3190.8	4831.6	11018.0	17204.5
77.5°	1308.0	1250.6	1193.4	2162.2	3131.0	7711.6	12292.3
80°	942.1	918.4	894.7	1393.1	1891.7	4968.5	8045.3
82.5°	648.2	643.5	639.4	856.8	1074.9	2875.6	4676.6
85°	382.2	384.6	386.6	458.0	529.7	1293.5	2057.6
87.5°	165.3	167.4	169.5	189.9	210.4	423.7	637.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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