

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: P954122

Luminaire Tested: **GALN-SB7C-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954122
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-SB7C-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 43840 lumens
Efficiency: N/A
Efficacy: 125.1 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): 350.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

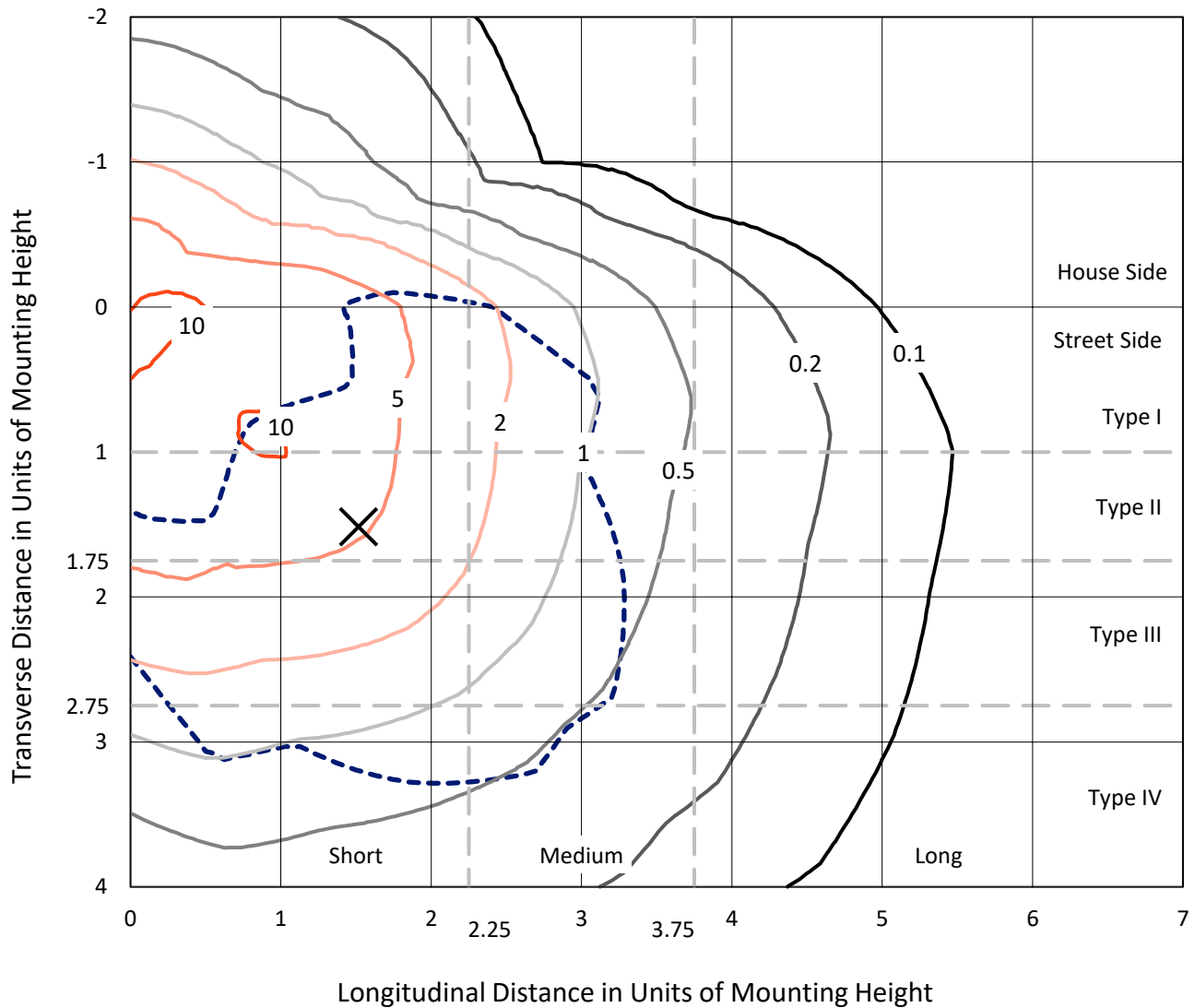


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

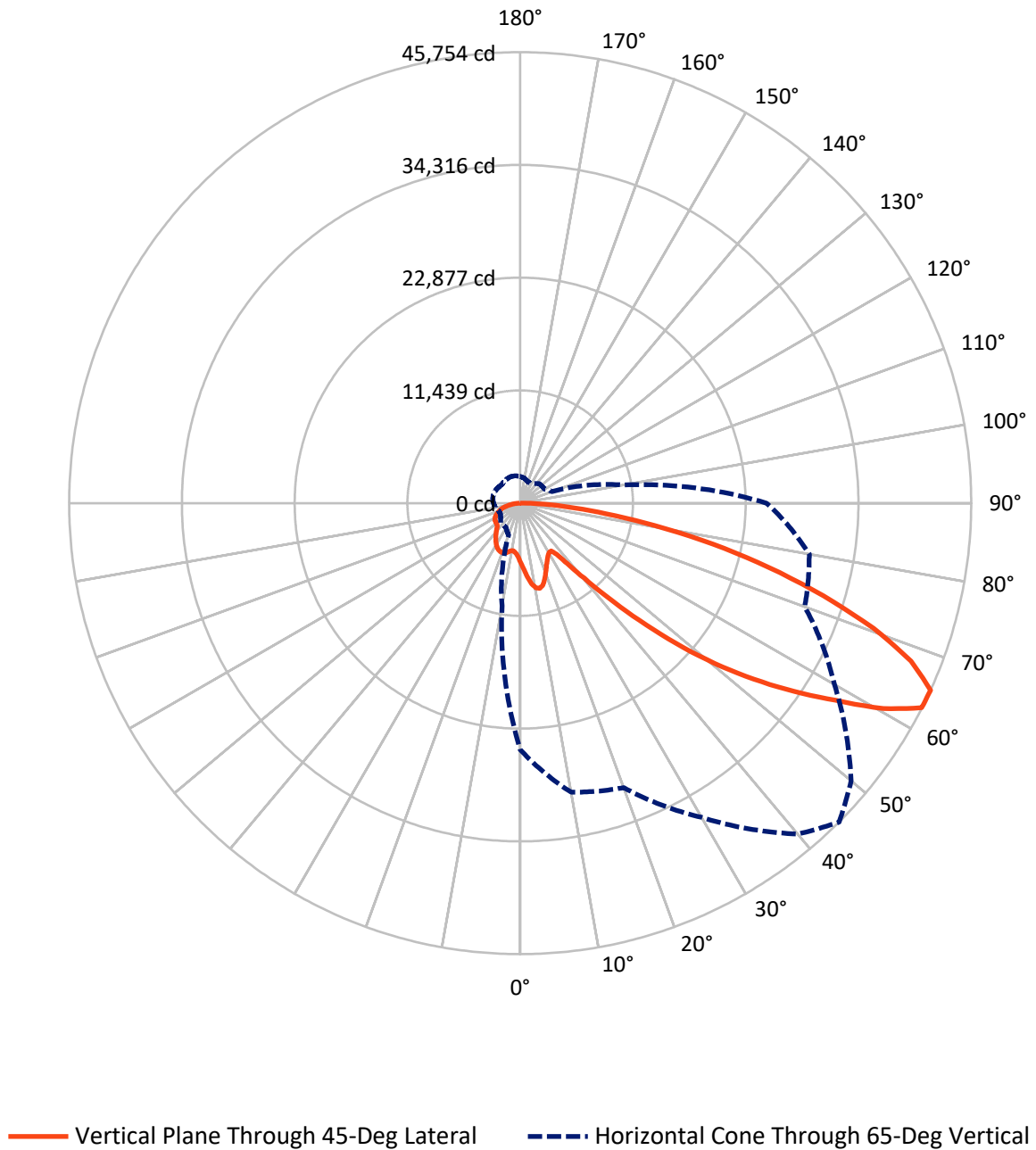


Based on 25 foot mounting height. Maximum calculated value = 13.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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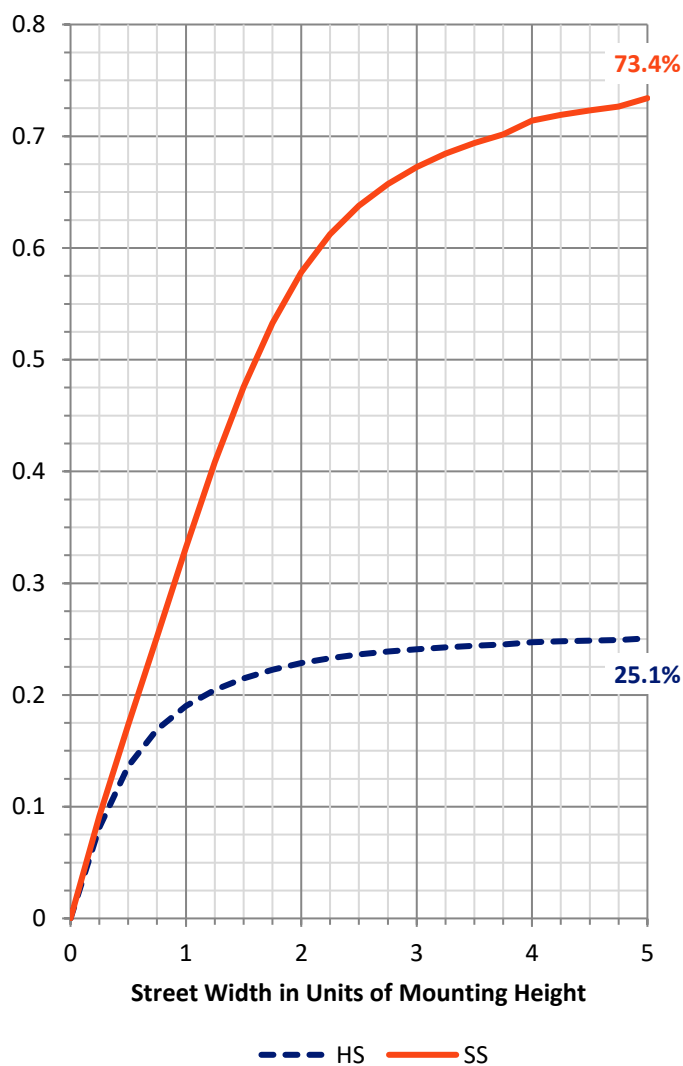
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11141.9	0.0	11141.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	32698.1	0.0	32698.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	43840.0	0.0	43840.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	598.0	1.4
10°-20°	1877.3	4.3
20°-30°	2899.7	6.6
30°-40°	3674.7	8.4
40°-50°	5542.4	12.6
50°-60°	8954.5	20.4
60°-70°	11163.3	25.5
70°-80°	7320.3	16.7
80°-90°	1809.8	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°	43840.0	100.0
0°-180°	43840.0	100.0

Coefficient of Utilization



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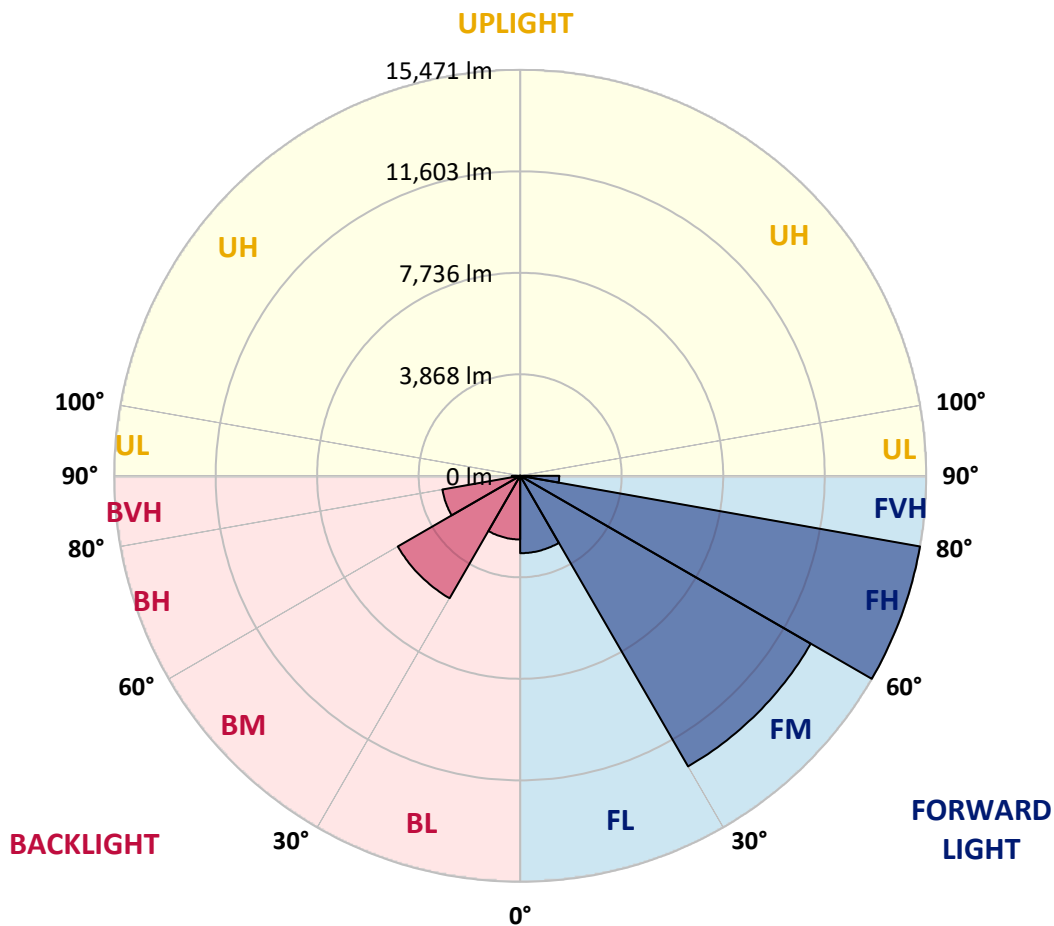
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2948.7	6.7			
FM	(30°-60°)	12787.2	29.2			
FH	(60°-80°)	15471.3	35.3			G5
FVH	(80°-90°)	1490.9	3.4			G5
BL	(0°-30°)	2426.3	5.5	B3/2500		
BM	(30°-60°)	5384.5	12.3	B4/8500		
BH	(60°-80°)	3012.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	318.9	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	6482.9	6507.5	6532.2	6567.1	6602.1	6622.9	6643.7	6654.1	6664.5	6659.9	6664.5
5°	6971.0	7056.9	7142.9	7228.0	7313.4	7359.7	7405.9	7433.9	7462.1	7483.4	7462.1
7.5°	7461.4	7601.2	7740.7	7866.3	7991.9	8067.5	8143.2	8184.1	8224.8	8244.5	8224.8
10°	7837.4	8002.5	8167.7	8315.0	8462.4	8551.7	8640.5	8680.3	8719.9	8734.9	8719.9
12.5°	8067.5	8246.6	8425.4	8558.6	8691.4	8756.2	8821.0	8842.7	8864.4	8866.8	8864.4
15°	8207.5	8362.0	8516.3	8599.8	8683.5	8685.9	8688.2	8665.0	8641.9	8614.6	8641.9
17.5°	8286.1	8390.5	8494.8	8496.4	8497.8	8404.1	8310.4	8224.6	8138.5	8077.9	8138.5
20°	8372.9	8409.2	8445.7	8335.9	8226.0	8019.2	7812.4	7661.8	7511.2	7418.7	7511.2
22.5°	8473.5	8425.8	8378.2	8150.6	7922.9	7618.7	7314.6	7126.3	6938.0	6835.7	6938.0
25°	8603.0	8452.7	8302.3	7956.7	7611.1	7241.7	6872.3	6674.2	6476.7	6380.0	6476.7
27.5°	8778.9	8510.1	8241.0	7783.2	7325.7	6916.2	6506.8	6312.0	6117.4	6026.1	6117.4
30°	9016.0	8615.1	8214.4	7650.9	7087.4	6660.8	6234.3	6053.6	5872.9	5787.8	5872.9
32.5°	9295.9	8746.9	8198.2	7560.7	6923.1	6522.3	6121.4	5979.6	5837.5	5776.2	5837.5
35°	9635.9	8964.1	8292.6	7628.2	6964.1	6685.6	6407.3	6374.2	6341.1	6336.0	6341.1
37.5°	10208.5	9418.2	8628.0	8024.3	7420.5	7402.5	7384.4	7535.7	7687.0	7765.6	7687.0
40°	11073.6	10214.2	9354.9	8905.9	8456.8	8773.8	9090.7	9458.5	9826.3	10009.5	9826.3
42.5°	12221.0	11368.3	10515.7	10257.0	9998.4	10689.6	11380.8	12049.8	12718.8	13111.6	12718.8
45°	13637.9	12872.0	12105.8	11991.8	11877.5	12984.8	14092.4	15191.7	16291.2	16958.6	16291.2
47.5°	15409.8	14664.7	13919.4	13896.3	13873.1	15470.7	17067.8	18677.1	20286.2	21231.2	20286.2
50°	17732.4	16811.9	15891.7	15895.6	15899.6	17958.4	20017.2	22141.4	24265.7	25550.0	24265.7
52.5°	20398.4	19283.9	18169.6	18056.9	17944.0	20403.3	22862.5	25490.8	28118.9	29658.4	28118.9
55°	23236.8	22135.7	21034.5	20595.3	20156.0	22893.0	25629.9	28763.2	31896.5	33727.5	31896.5
57.5°	25818.4	25218.8	24619.0	23737.8	22856.9	25620.6	28384.3	31933.3	35482.1	37752.5	35482.1
60°	27378.7	28310.0	29241.6	28147.4	27053.2	29668.6	32284.0	36083.7	39883.5	42337.4	39883.5
62.5°	26586.4	29131.2	31676.0	31552.8	31429.2	33825.1	36221.2	39836.3	43451.3	45719.4	43451.3
65°	25000.6	27389.1	29777.5	30250.1	30722.5	33767.2	36812.2	40317.7	43823.0	45754.1	43823.0
67.5°	22875.9	25147.5	27419.2	27640.8	27862.2	31034.6	34206.8	37727.3	41247.9	42760.8	41247.9
70°	20323.2	22794.0	25265.1	25364.1	25463.3	28300.3	31137.1	34166.7	37196.2	38037.1	37196.2
72.5°	17281.3	20116.6	22952.2	23023.5	23094.5	25314.1	27533.7	29802.8	32071.6	32156.7	32071.6
75°	13433.1	16367.8	19302.4	19565.9	19829.3	21556.2	23283.0	24880.4	26477.7	26049.7	26477.7
77.5°	9597.8	12337.1	15076.7	15453.8	15830.9	17143.6	18456.4	19589.2	20722.3	19986.6	20722.3
80°	6281.7	8586.4	10890.9	11359.5	11828.2	12819.7	13810.7	14405.6	15000.4	13817.2	15000.4
82.5°	3651.5	5227.1	6802.9	7326.4	7850.1	8532.5	9214.9	9463.1	9711.1	8781.2	9711.1
85°	1606.6	2442.8	3279.1	3724.4	4169.7	4730.4	5290.9	5431.8	5572.7	4827.8	5572.7
87.5°	497.4	778.4	1059.5	1307.9	1556.4	1836.7	2117.1	2129.1	2140.9	1797.4	2140.9
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	6654.1	6643.7	6622.9	6602.1	6567.1	6532.2	6507.5	6482.9	6433.2	6383.5	6330.5
5°	7433.9	7405.9	7359.7	7313.4	7228.0	7142.9	7056.9	6971.0	6861.2	6751.3	6641.6
7.5°	8184.1	8143.2	8067.5	7991.9	7866.3	7740.7	7601.2	7461.4	7280.1	7099.0	6931.5
10°	8680.3	8640.5	8551.7	8462.4	8315.0	8167.7	8002.5	7837.4	7608.1	7378.9	7157.5
12.5°	8842.7	8821.0	8756.2	8691.4	8558.6	8425.4	8246.6	8067.5	7815.6	7563.9	7313.2
15°	8665.0	8688.2	8685.9	8683.5	8599.8	8516.3	8362.0	8207.5	7944.9	7682.4	7410.3
17.5°	8224.6	8310.4	8404.1	8497.8	8496.4	8494.8	8390.5	8286.1	8019.9	7753.6	7456.8
20°	7661.8	7812.4	8019.2	8226.0	8335.9	8445.7	8409.2	8372.9	8096.2	7819.3	7493.1
22.5°	7126.3	7314.6	7618.7	7922.9	8150.6	8378.2	8425.8	8473.5	8190.8	7907.9	7542.2
25°	6674.2	6872.3	7241.7	7611.1	7956.7	8302.3	8452.7	8603.0	8325.9	8049.0	7631.0
27.5°	6312.0	6506.8	6916.2	7325.7	7783.2	8241.0	8510.1	8778.9	8514.7	8250.3	7769.8
30°	6053.6	6234.3	6660.8	7087.4	7650.9	8214.4	8615.1	9016.0	8760.6	8505.4	7949.5
32.5°	5979.6	6121.4	6522.3	6923.1	7560.7	8198.2	8746.9	9295.9	9043.0	8790.4	8137.2
35°	6374.2	6407.3	6685.6	6964.1	7628.2	8292.6	8964.1	9635.9	9394.0	9151.8	8350.9
37.5°	7535.7	7384.4	7402.5	7420.5	8024.3	8628.0	9418.2	10208.5	9899.9	9591.3	8590.3
40°	9458.5	9090.7	8773.8	8456.8	8905.9	9354.9	10214.2	11073.6	10623.9	10174.2	8894.3
42.5°	12049.8	11380.8	10689.6	9998.4	10257.0	10515.7	11368.3	12221.0	11571.9	10922.8	9291.9
45°	15191.7	14092.4	12984.8	11877.5	11991.8	12105.8	12872.0	13637.9	12762.3	11886.7	9815.2
47.5°	18677.1	17067.8	15470.7	13873.1	13896.3	13919.4	14664.7	15409.8	14177.6	12945.1	10372.7
50°	22141.4	20017.2	17958.4	15899.6	15895.6	15891.7	16811.9	17732.4	15874.6	14016.6	10889.9
52.5°	25490.8	22862.5	20403.3	17944.0	18056.9	18169.6	19283.9	20398.4	17657.2	14916.0	11225.8
55°	28763.2	25629.9	22893.0	20156.0	20595.3	21034.5	22135.7	23236.8	19237.6	15238.7	11151.8
57.5°	31933.3	28384.3	25620.6	22856.9	23737.8	24619.0	25218.8	25818.4	20357.7	14897.0	10630.9
60°	36083.7	32284.0	29668.6	27053.2	28147.4	29241.6	28310.0	27378.7	20637.6	13896.3	9661.4
62.5°	39836.3	36221.2	33825.1	31429.2	31552.8	31676.0	29131.2	26586.4	19459.0	12331.6	8350.4
65°	40317.7	36812.2	33767.2	30722.5	30250.1	29777.5	27389.1	25000.6	17791.3	10582.0	7012.9
67.5°	37727.3	34206.8	31034.6	27862.2	27640.8	27419.2	25147.5	22875.9	15806.8	8737.7	5702.7
70°	34166.7	31137.1	28300.3	25463.3	25364.1	25265.1	22794.0	20323.2	13641.3	6959.5	4490.1
72.5°	29802.8	27533.7	25314.1	23094.5	23023.5	22952.2	20116.6	17281.3	11293.8	5306.6	3432.7
75°	24880.4	23283.0	21556.2	19829.3	19565.9	19302.4	16367.8	13433.1	8602.8	3772.5	2491.4
77.5°	19589.2	18456.4	17143.6	15830.9	15453.8	15076.7	12337.1	9597.8	6021.2	2444.7	1688.2
80°	14405.6	13810.7	12819.7	11828.2	11359.5	10890.9	8586.4	6281.7	3879.4	1477.0	1087.7
82.5°	9463.1	9214.9	8532.5	7850.1	7326.4	6802.9	5227.1	3651.5	2245.3	839.3	669.0
85°	5431.8	5290.9	4730.4	4169.7	3724.4	3279.1	2442.8	1606.6	1010.0	413.6	357.6
87.5°	2129.1	2117.1	1836.7	1556.4	1307.9	1059.5	778.4	497.4	330.8	164.2	148.3
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°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	6277.7	6224.5	6171.3	6120.4	6069.6	6020.3	5965.5	5921.0	5876.9	5836.8	5797.1
5°	6532.2	6421.9	6311.8	6208.8	6105.9	6008.7	5912.7	5829.0	5745.0	5674.7	5604.6
7.5°	6764.0	6600.9	6437.8	6294.2	6150.5	6018.0	5893.7	5782.2	5671.0	5578.4	5485.9
10°	6936.3	6738.3	6540.1	6370.3	6200.0	6036.5	5903.0	5785.5	5668.0	5575.4	5482.9
12.5°	7062.4	6828.8	6595.1	6402.9	6210.7	6038.8	5914.6	5818.3	5722.6	5661.0	5600.0
15°	7138.3	6869.3	6600.2	6377.7	6155.1	5964.8	5865.3	5819.3	5773.5	5781.8	5790.1
17.5°	7160.0	6847.7	6535.4	6267.8	6000.2	5776.2	5714.9	5731.8	5748.5	5849.3	5950.2
20°	7167.0	6788.5	6410.1	6078.3	5746.6	5485.9	5469.7	5548.4	5627.0	5802.1	5977.5
22.5°	7176.2	6715.9	6255.5	5856.0	5456.5	5159.7	5191.4	5307.8	5424.2	5624.0	5824.3
25°	7212.8	6644.2	6075.8	5607.8	5140.1	4835.9	4921.5	5055.6	5189.8	5369.6	5549.5
27.5°	7289.1	6596.3	5903.5	5380.9	4858.3	4581.4	4685.5	4815.1	4944.6	5092.4	5240.0
30°	7393.7	6573.8	5753.6	5191.2	4628.9	4396.4	4478.0	4580.7	4683.9	4806.5	4929.1
32.5°	7483.9	6546.1	5607.8	5027.7	4447.3	4259.9	4296.2	4357.0	4417.9	4515.7	4613.8
35°	7550.0	6493.8	5438.0	4866.9	4295.7	4139.6	4124.6	4141.2	4158.1	4232.8	4307.3
37.5°	7589.4	6404.3	5219.2	4677.7	4136.1	3999.6	3944.6	3926.1	3907.6	3961.2	4014.7
40°	7614.1	6281.0	4948.1	4451.9	3955.7	3831.9	3747.5	3705.6	3663.8	3702.4	3741.0
42.5°	7661.1	6153.8	4646.9	4202.7	3758.6	3644.6	3538.1	3482.6	3427.1	3458.6	3490.3
45°	7743.7	6035.5	4327.7	3938.1	3548.6	3432.9	3329.9	3275.8	3221.9	3248.3	3275.1
47.5°	7800.3	5937.9	4075.5	3728.8	3382.0	3232.8	3144.2	3098.9	3053.5	3078.5	3103.2
50°	7763.3	5831.5	3899.7	3589.7	3279.8	3083.6	2980.6	2940.4	2900.4	2939.2	2978.3
52.5°	7535.5	5651.8	3768.3	3498.1	3228.2	3002.6	2858.7	2818.9	2779.4	2837.9	2896.2
55°	7064.7	5353.8	3642.9	3431.7	3220.5	3010.7	2794.0	2731.0	2668.4	2751.4	2834.2
57.5°	6365.0	4933.7	3502.3	3353.1	3203.9	3018.8	2755.1	2663.5	2571.9	2661.2	2750.5
60°	5426.5	4388.3	3350.1	3232.8	3115.5	2993.4	2718.6	2599.9	2481.0	2559.4	2637.6
62.5°	4369.3	3735.5	3101.6	3023.7	2945.9	2930.9	2676.0	2527.5	2379.2	2428.9	2478.7
65°	3444.0	3148.1	2852.3	2815.5	2778.7	2780.5	2586.2	2428.5	2270.5	2289.7	2308.6
67.5°	2667.7	2583.7	2499.5	2520.1	2540.4	2535.3	2426.2	2294.8	2163.4	2157.4	2151.3
70°	2020.6	2044.7	2068.5	2163.8	2258.9	2258.9	2223.1	2129.6	2036.1	2015.3	1994.5
72.5°	1558.7	1631.1	1703.7	1838.8	1973.7	1996.4	1996.8	1932.7	1868.7	1838.1	1807.8
75°	1210.3	1276.0	1341.7	1493.0	1644.3	1748.8	1740.0	1690.8	1641.3	1612.1	1582.7
77.5°	931.8	976.4	1021.3	1168.2	1315.1	1487.4	1482.8	1443.2	1403.7	1374.1	1344.5
80°	698.6	717.1	735.6	860.1	984.3	1190.2	1189.5	1156.4	1123.1	1098.3	1073.4
82.5°	499.2	502.4	506.1	597.7	689.4	865.2	874.9	858.7	842.5	824.9	807.3
85°	301.9	300.3	298.4	365.5	432.6	563.3	576.0	558.7	541.3	521.6	502.0
87.5°	132.3	130.7	129.1	156.4	183.9	238.3	254.5	247.5	240.6	236.9	233.2
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: P954122

CATALOG NUMBER: GALN-SB7C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	5762.1	5727.2	5692.0	5657.1	5630.0	5602.7	5580.8	5558.8	5541.7	5524.5	5508.8
5°	5542.6	5480.6	5424.4	5367.9	5324.7	5281.2	5250.9	5220.6	5199.1	5177.6	5161.1
7.5°	5408.0	5329.8	5260.8	5192.1	5140.5	5089.2	5053.1	5017.0	4992.3	4967.7	4952.9
10°	5398.9	5314.7	5237.2	5159.7	5098.2	5036.4	4996.2	4955.5	4932.1	4908.8	4896.3
12.5°	5533.8	5468.1	5387.8	5307.8	5229.1	5150.5	5098.4	5046.4	5020.3	4994.3	4983.7
15°	5773.0	5755.9	5686.2	5616.6	5504.7	5392.7	5313.6	5234.5	5198.1	5162.1	5148.2
17.5°	6003.9	6057.3	6001.1	5945.1	5796.8	5648.5	5532.0	5415.4	5361.7	5307.8	5290.2
20°	6089.7	6201.9	6176.0	6149.8	5980.3	5810.9	5668.0	5525.2	5456.5	5387.6	5365.6
22.5°	5970.3	6116.3	6132.0	6147.5	5985.6	5823.7	5676.5	5529.2	5456.8	5384.1	5359.8
25°	5693.2	5836.8	5890.5	5943.9	5811.2	5678.6	5547.7	5417.2	5354.3	5291.6	5268.7
27.5°	5355.2	5470.4	5530.1	5590.0	5495.4	5401.0	5299.5	5197.9	5155.8	5113.5	5103.1
30°	5024.7	5120.4	5169.0	5217.6	5145.6	5073.5	5000.8	4927.7	4906.2	4884.5	4884.5
32.5°	4705.4	4797.3	4851.2	4905.3	4839.1	4772.7	4714.7	4656.6	4642.5	4628.4	4630.2
35°	4398.0	4488.9	4553.7	4618.4	4571.2	4524.3	4470.6	4417.2	4395.7	4374.4	4369.8
37.5°	4105.1	4195.8	4275.8	4355.9	4334.1	4312.4	4263.1	4213.6	4174.5	4135.7	4115.1
40°	3828.5	3915.9	4008.0	4100.3	4105.6	4110.7	4068.8	4026.9	3970.0	3913.6	3875.2
42.5°	3573.1	3656.1	3755.6	3855.1	3881.7	3908.3	3872.9	3837.7	3767.2	3696.6	3640.9
45°	3353.8	3432.4	3535.6	3638.8	3676.9	3715.1	3683.2	3651.5	3570.8	3490.3	3424.8
47.5°	3180.3	3257.1	3358.9	3460.6	3504.6	3548.6	3526.3	3504.1	3432.4	3360.7	3300.1
50°	3051.0	3123.4	3214.5	3305.7	3362.1	3418.5	3417.2	3416.2	3358.9	3301.5	3245.5
52.5°	2962.8	3029.2	3114.1	3199.3	3266.1	3333.0	3345.0	3357.0	3310.3	3263.6	3213.4
55°	2905.9	2977.6	3052.1	3126.4	3197.2	3268.2	3284.8	3301.5	3260.8	3220.1	3176.1
57.5°	2834.7	2918.9	2992.4	3066.2	3137.7	3209.0	3225.9	3242.7	3201.6	3160.4	3116.9
60°	2734.3	2831.0	2905.7	2980.6	3052.4	3124.1	3142.6	3161.1	3120.8	3080.8	3035.9
62.5°	2591.3	2704.2	2784.0	2863.8	2929.5	2995.2	3013.0	3030.8	2994.5	2958.2	2911.0
65°	2429.4	2550.4	2626.7	2703.1	2760.9	2818.7	2837.0	2855.0	2820.1	2785.2	2739.4
67.5°	2262.8	2374.6	2447.0	2519.1	2569.1	2619.1	2636.9	2654.5	2622.3	2590.4	2547.8
70°	2092.6	2190.7	2253.1	2315.6	2360.7	2405.8	2422.9	2440.0	2413.9	2387.8	2347.0
72.5°	1885.1	1962.1	2018.6	2075.0	2119.2	2163.4	2183.7	2204.1	2182.3	2160.6	2121.7
75°	1640.1	1697.5	1748.6	1799.7	1840.0	1880.2	1901.5	1922.8	1912.1	1901.5	1868.9
77.5°	1391.2	1437.7	1481.6	1525.6	1567.9	1610.0	1629.9	1649.8	1635.0	1619.8	1586.9
80°	1112.2	1150.9	1187.9	1224.9	1257.0	1289.0	1315.3	1341.7	1335.2	1329.0	1284.8
82.5°	804.1	800.9	787.9	774.9	843.4	911.9	956.8	1001.6	998.9	995.9	958.6
85°	485.3	468.4	432.6	396.7	460.8	525.1	580.6	636.1	631.5	626.9	597.7
87.5°	232.5	231.8	204.5	177.0	203.8	230.9	253.3	275.7	270.2	264.2	249.4
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: P954122

CATALOG NUMBER: GALN-SB7C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	5492.9	5473.2	5492.9	5508.8	5524.5	5541.7	5558.8	5580.8	5602.7	5630.0	5657.1
5°	5144.7	5128.5	5144.7	5161.1	5177.6	5199.1	5220.6	5250.9	5281.2	5324.7	5367.9
7.5°	4938.4	4927.3	4938.4	4952.9	4967.7	4992.3	5017.0	5053.1	5089.2	5140.5	5192.1
10°	4883.8	4878.7	4883.8	4896.3	4908.8	4932.1	4955.5	4996.2	5036.4	5098.2	5159.7
12.5°	4973.1	4971.2	4973.1	4983.7	4994.3	5020.3	5046.4	5098.4	5150.5	5229.1	5307.8
15°	5134.3	5133.1	5134.3	5148.2	5162.1	5198.1	5234.5	5313.6	5392.7	5504.7	5616.6
17.5°	5272.4	5269.6	5272.4	5290.2	5307.8	5361.7	5415.4	5532.0	5648.5	5796.8	5945.1
20°	5343.7	5336.7	5343.7	5365.6	5387.6	5456.5	5525.2	5668.0	5810.9	5980.3	6149.8
22.5°	5335.6	5325.1	5335.6	5359.8	5384.1	5456.8	5529.2	5676.5	5823.7	5985.6	6147.5
25°	5246.0	5232.6	5246.0	5268.7	5291.6	5354.3	5417.2	5547.7	5678.6	5811.2	5943.9
27.5°	5092.7	5089.2	5092.7	5103.1	5113.5	5155.8	5197.9	5299.5	5401.0	5495.4	5590.0
30°	4884.5	4887.9	4884.5	4884.5	4884.5	4906.2	4927.7	5000.8	5073.5	5145.6	5217.6
32.5°	4632.3	4635.8	4632.3	4630.2	4628.4	4642.5	4656.6	4714.7	4772.7	4839.1	4905.3
35°	4365.1	4362.8	4365.1	4369.8	4374.4	4395.7	4417.2	4470.6	4524.3	4571.2	4618.4
37.5°	4094.5	4082.9	4094.5	4115.1	4135.7	4174.5	4213.6	4263.1	4312.4	4334.1	4355.9
40°	3837.2	3814.6	3837.2	3875.2	3913.6	3970.0	4026.9	4068.8	4110.7	4105.6	4100.3
42.5°	3585.1	3548.6	3585.1	3640.9	3696.6	3767.2	3837.7	3872.9	3908.3	3881.7	3855.1
45°	3359.3	3317.2	3359.3	3424.8	3490.3	3570.8	3651.5	3683.2	3715.1	3676.9	3638.8
47.5°	3239.7	3199.3	3239.7	3300.1	3360.7	3432.4	3504.1	3526.3	3548.6	3504.6	3460.6
50°	3189.5	3150.7	3189.5	3245.5	3301.5	3358.9	3416.2	3417.2	3418.5	3362.1	3305.7
52.5°	3163.4	3127.5	3163.4	3213.4	3263.6	3310.3	3357.0	3345.0	3333.0	3266.1	3199.3
55°	3132.2	3099.8	3132.2	3176.1	3220.1	3260.8	3301.5	3284.8	3268.2	3197.2	3126.4
57.5°	3073.2	3039.6	3073.2	3116.9	3160.4	3201.6	3242.7	3225.9	3209.0	3137.7	3066.2
60°	2991.1	2956.4	2991.1	3035.9	3080.8	3120.8	3161.1	3142.6	3124.1	3052.4	2980.6
62.5°	2863.8	2822.2	2863.8	2911.0	2958.2	2994.5	3030.8	3013.0	2995.2	2929.5	2863.8
65°	2693.8	2657.9	2693.8	2739.4	2785.2	2820.1	2855.0	2837.0	2818.7	2760.9	2703.1
67.5°	2505.3	2472.9	2505.3	2547.8	2590.4	2622.3	2654.5	2636.9	2619.1	2569.1	2519.1
70°	2306.3	2269.3	2306.3	2347.0	2387.8	2413.9	2440.0	2422.9	2405.8	2360.7	2315.6
72.5°	2083.1	2047.2	2083.1	2121.7	2160.6	2182.3	2204.1	2183.7	2163.4	2119.2	2075.0
75°	1836.3	1802.0	1836.3	1868.9	1901.5	1912.1	1922.8	1901.5	1880.2	1840.0	1799.7
77.5°	1554.1	1526.8	1554.1	1586.9	1619.8	1635.0	1649.8	1629.9	1610.0	1567.9	1525.6
80°	1240.4	1189.0	1240.4	1284.8	1329.0	1335.2	1341.7	1315.3	1289.0	1257.0	1224.9
82.5°	921.1	888.3	921.1	958.6	995.9	998.9	1001.6	956.8	911.9	843.4	774.9
85°	568.6	539.0	568.6	597.7	626.9	631.5	636.1	580.6	525.1	460.8	396.7
87.5°	234.1	219.8	234.1	249.4	264.2	270.2	275.7	253.3	230.9	203.8	177.0
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: P954122

CATALOG NUMBER: GALN-SB7C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	5692.0	5727.2	5762.1	5797.1	5836.8	5876.9	5921.0	5965.5	6020.3	6069.6	6120.4
5°	5424.4	5480.6	5542.6	5604.6	5674.7	5745.0	5829.0	5912.7	6008.7	6105.9	6208.8
7.5°	5260.8	5329.8	5408.0	5485.9	5578.4	5671.0	5782.2	5893.7	6018.0	6150.5	6294.2
10°	5237.2	5314.7	5398.9	5482.9	5575.4	5668.0	5785.5	5903.0	6036.5	6200.0	6370.3
12.5°	5387.8	5468.1	5533.8	5600.0	5661.0	5722.6	5818.3	5914.6	6038.8	6210.7	6402.9
15°	5686.2	5755.9	5773.0	5790.1	5781.8	5773.5	5819.3	5865.3	5964.8	6155.1	6377.7
17.5°	6001.1	6057.3	6003.9	5950.2	5849.3	5748.5	5731.8	5714.9	5776.2	6000.2	6267.8
20°	6176.0	6201.9	6089.7	5977.5	5802.1	5627.0	5548.4	5469.7	5485.9	5746.6	6078.3
22.5°	6132.0	6116.3	5970.3	5824.3	5624.0	5424.2	5307.8	5191.4	5159.7	5456.5	5856.0
25°	5890.5	5836.8	5693.2	5549.5	5369.6	5189.8	5055.6	4921.5	4835.9	5140.1	5607.8
27.5°	5530.1	5470.4	5355.2	5240.0	5092.4	4944.6	4815.1	4685.5	4581.4	4858.3	5380.9
30°	5169.0	5120.4	5024.7	4929.1	4806.5	4683.9	4580.7	4478.0	4396.4	4628.9	5191.2
32.5°	4851.2	4797.3	4705.4	4613.8	4515.7	4417.9	4357.0	4296.2	4259.9	4447.3	5027.7
35°	4553.7	4488.9	4398.0	4307.3	4232.8	4158.1	4141.2	4124.6	4139.6	4295.7	4866.9
37.5°	4275.8	4195.8	4105.1	4014.7	3961.2	3907.6	3926.1	3944.6	3999.6	4136.1	4677.7
40°	4008.0	3915.9	3828.5	3741.0	3702.4	3663.8	3705.6	3747.5	3831.9	3955.7	4451.9
42.5°	3755.6	3656.1	3573.1	3490.3	3458.6	3427.1	3482.6	3538.1	3644.6	3758.6	4202.7
45°	3535.6	3432.4	3353.8	3275.1	3248.3	3221.9	3275.8	3329.9	3432.9	3548.6	3938.1
47.5°	3358.9	3257.1	3180.3	3103.2	3078.5	3053.5	3098.9	3144.2	3232.8	3382.0	3728.8
50°	3214.5	3123.4	3051.0	2978.3	2939.2	2900.4	2940.4	2980.6	3083.6	3279.8	3589.7
52.5°	3114.1	3029.2	2962.8	2896.2	2837.9	2779.4	2818.9	2858.7	3002.6	3228.2	3498.1
55°	3052.1	2977.6	2905.9	2834.2	2751.4	2668.4	2731.0	2794.0	3010.7	3220.5	3431.7
57.5°	2992.4	2918.9	2834.7	2750.5	2661.2	2571.9	2663.5	2755.1	3018.8	3203.9	3353.1
60°	2905.7	2831.0	2734.3	2637.6	2559.4	2481.0	2599.9	2718.6	2993.4	3115.5	3232.8
62.5°	2784.0	2704.2	2591.3	2478.7	2428.9	2379.2	2527.5	2676.0	2930.9	2945.9	3023.7
65°	2626.7	2550.4	2429.4	2308.6	2289.7	2270.5	2428.5	2586.2	2780.5	2778.7	2815.5
67.5°	2447.0	2374.6	2262.8	2151.3	2157.4	2163.4	2294.8	2426.2	2535.3	2540.4	2520.1
70°	2253.1	2190.7	2092.6	1994.5	2015.3	2036.1	2129.6	2223.1	2258.9	2258.9	2163.8
72.5°	2018.6	1962.1	1885.1	1807.8	1838.1	1868.7	1932.7	1996.8	1996.4	1973.7	1838.8
75°	1748.6	1697.5	1640.1	1582.7	1612.1	1641.3	1690.8	1740.0	1748.8	1644.3	1493.0
77.5°	1481.6	1437.7	1391.2	1344.5	1374.1	1403.7	1443.2	1482.8	1487.4	1315.1	1168.2
80°	1187.9	1150.9	1112.2	1073.4	1098.3	1123.1	1156.4	1189.5	1190.2	984.3	860.1
82.5°	787.9	800.9	804.1	807.3	824.9	842.5	858.7	874.9	865.2	689.4	597.7
85°	432.6	468.4	485.3	502.0	521.6	541.3	558.7	576.0	563.3	432.6	365.5
87.5°	204.5	231.8	232.5	233.2	236.9	240.6	247.5	254.5	238.3	183.9	156.4
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: P954122

CATALOG NUMBER: GALN-SB7C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4	6028.4
2.5°	6171.3	6224.5	6277.7	6330.5	6383.5	6433.2	6482.9
5°	6311.8	6421.9	6532.2	6641.6	6751.3	6861.2	6971.0
7.5°	6437.8	6600.9	6764.0	6931.5	7099.0	7280.1	7461.4
10°	6540.1	6738.3	6936.3	7157.5	7378.9	7608.1	7837.4
12.5°	6595.1	6828.8	7062.4	7313.2	7563.9	7815.6	8067.5
15°	6600.2	6869.3	7138.3	7410.3	7682.4	7944.9	8207.5
17.5°	6535.4	6847.7	7160.0	7456.8	7753.6	8019.9	8286.1
20°	6410.1	6788.5	7167.0	7493.1	7819.3	8096.2	8372.9
22.5°	6255.5	6715.9	7176.2	7542.2	7907.9	8190.8	8473.5
25°	6075.8	6644.2	7212.8	7631.0	8049.0	8325.9	8603.0
27.5°	5903.5	6596.3	7289.1	7769.8	8250.3	8514.7	8778.9
30°	5753.6	6573.8	7393.7	7949.5	8505.4	8760.6	9016.0
32.5°	5607.8	6546.1	7483.9	8137.2	8790.4	9043.0	9295.9
35°	5438.0	6493.8	7550.0	8350.9	9151.8	9394.0	9635.9
37.5°	5219.2	6404.3	7589.4	8590.3	9591.3	9899.9	10208.5
40°	4948.1	6281.0	7614.1	8894.3	10174.2	10623.9	11073.6
42.5°	4646.9	6153.8	7661.1	9291.9	10922.8	11571.9	12221.0
45°	4327.7	6035.5	7743.7	9815.2	11886.7	12762.3	13637.9
47.5°	4075.5	5937.9	7800.3	10372.7	12945.1	14177.6	15409.8
50°	3899.7	5831.5	7763.3	10889.9	14016.6	15874.6	17732.4
52.5°	3768.3	5651.8	7535.5	11225.8	14916.0	17657.2	20398.4
55°	3642.9	5353.8	7064.7	11151.8	15238.7	19237.6	23236.8
57.5°	3502.3	4933.7	6365.0	10630.9	14897.0	20357.7	25818.4
60°	3350.1	4388.3	5426.5	9661.4	13896.3	20637.6	27378.7
62.5°	3101.6	3735.5	4369.3	8350.4	12331.6	19459.0	26586.4
65°	2852.3	3148.1	3444.0	7012.9	10582.0	17791.3	25000.6
67.5°	2499.5	2583.7	2667.7	5702.7	8737.7	15806.8	22875.9
70°	2068.5	2044.7	2020.6	4490.1	6959.5	13641.3	20323.2
72.5°	1703.7	1631.1	1558.7	3432.7	5306.6	11293.8	17281.3
75°	1341.7	1276.0	1210.3	2491.4	3772.5	8602.8	13433.1
77.5°	1021.3	976.4	931.8	1688.2	2444.7	6021.2	9597.8
80°	735.6	717.1	698.6	1087.7	1477.0	3879.4	6281.7
82.5°	506.1	502.4	499.2	669.0	839.3	2245.3	3651.5
85°	298.4	300.3	301.9	357.6	413.6	1010.0	1606.6
87.5°	129.1	130.7	132.3	148.3	164.2	330.8	497.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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