

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: P955909

Luminaire Tested: **GALN-SB8D-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955909
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-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 67731 lumens
Efficiency: N/A
Efficacy: 115.8 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): 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

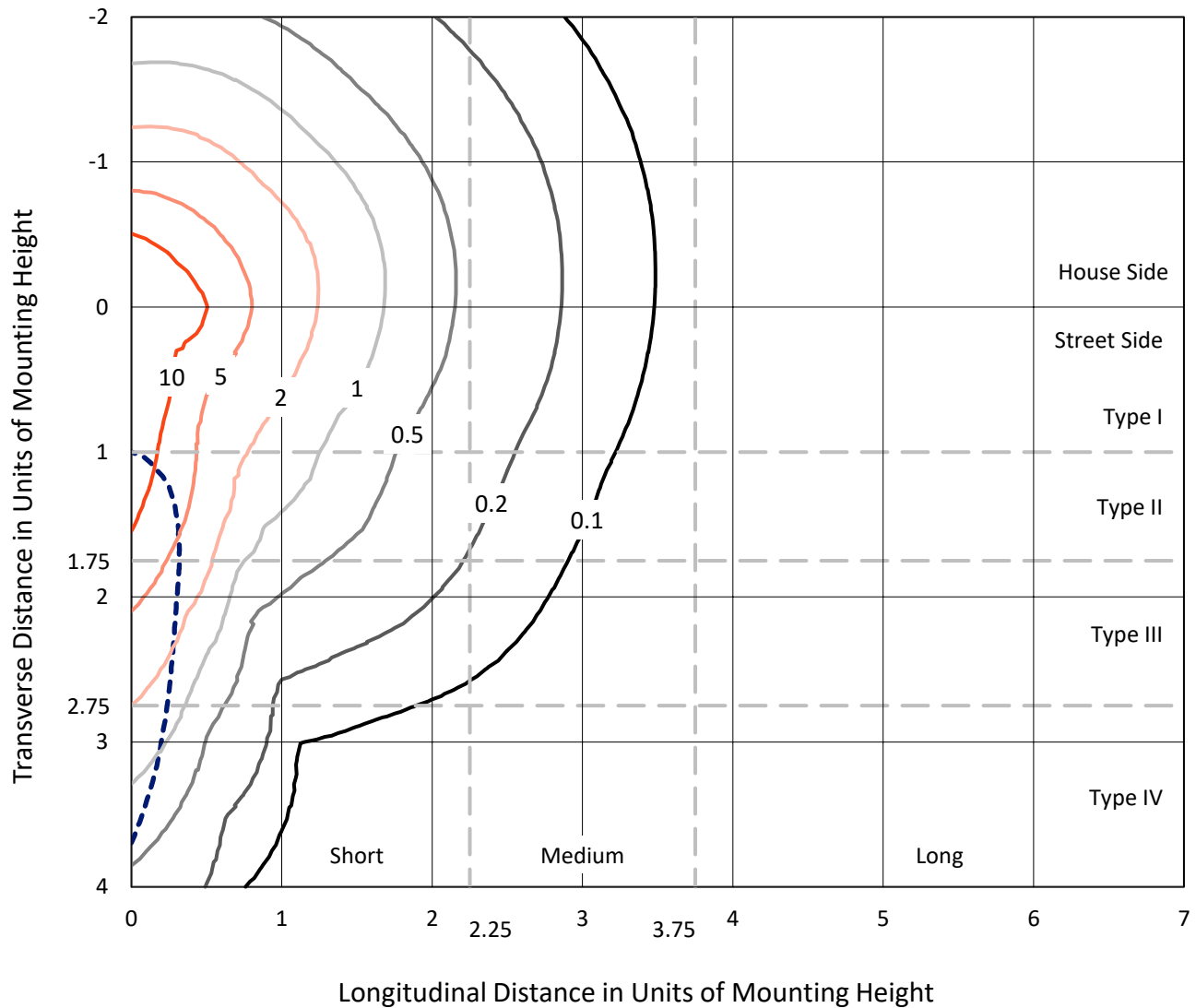


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Iso-Footcandle Lines of Horizontal Illumination

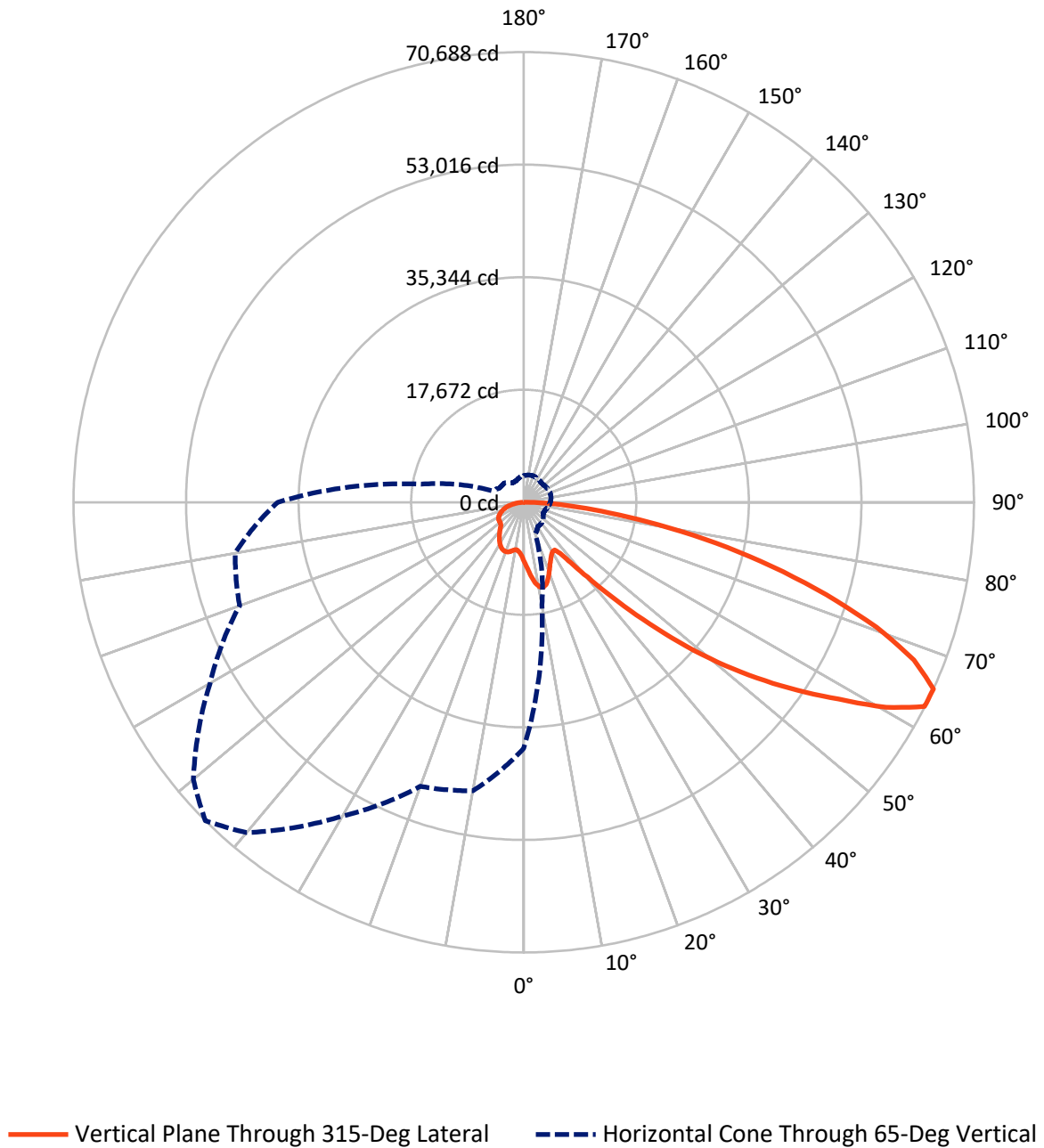
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.4 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	17213.8	0.0	17213.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	50517.2	0.0	50517.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	67731.0	0.0	67731.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	923.9	1.4
10°-20°	2900.3	4.3
20°-30°	4480.0	6.6
30°-40°	5677.3	8.4
40°-50°	8562.8	12.6
50°-60°	13834.4	20.4
60°-70°	17246.8	25.5
70°-80°	11309.6	16.7
80°-90°	2796.0	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°	67731.0	100.0
0°-180°	67731.0	100.0

Coefficient of Utilization



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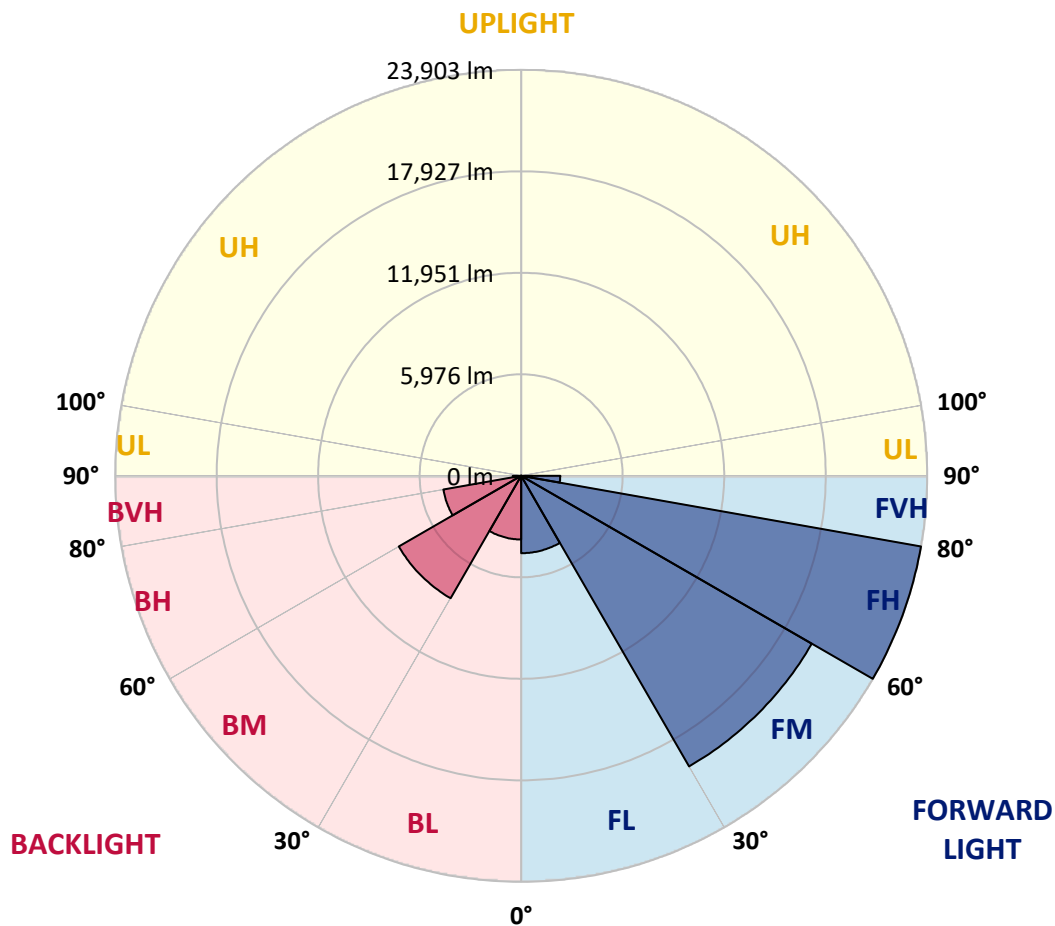
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4555.7	6.7			
FM	(30°-60°)	19755.7	29.2			
FH	(60°-80°)	23902.5	35.3			G5
FVH	(80°-90°)	2303.3	3.4			G5
BL	(0°-30°)	3748.5	5.5	B4/5000		
BM	(30°-60°)	8318.8	12.3	B4/8500		
BH	(60°-80°)	4653.8	6.9	B4/5000		G4/5000
BVH	(80°-90°)	492.7	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°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	10015.9	9939.0	9862.2	9780.3	9698.9	9616.7	9534.5	9455.8	9377.2	9301.1	9216.4
5°	10770.0	10600.2	10430.4	10261.0	10092.0	9921.5	9751.4	9592.4	9433.3	9283.2	9134.9
7.5°	11527.6	11247.4	10967.6	10708.8	10450.1	10198.1	9946.2	9724.2	9502.3	9297.5	9105.6
10°	12108.4	11754.2	11400.0	11058.0	10716.4	10410.4	10104.1	9841.8	9578.8	9326.1	9119.9
12.5°	12464.0	12074.8	11686.0	11298.5	10911.1	10550.2	10189.2	9892.2	9595.2	9329.7	9137.8
15°	12680.2	12274.6	11868.9	11448.6	11028.4	10612.7	10197.1	9853.3	9509.4	9215.3	9061.6
17.5°	12801.7	12390.4	11979.0	11520.5	11062.0	10579.5	10097.0	9683.5	9270.0	8924.0	8829.3
20°	12935.7	12508.3	12080.5	11576.6	11072.7	10488.0	9903.3	9390.8	8878.3	8475.5	8450.5
22.5°	13091.2	12654.5	12217.4	11652.4	11087.0	10375.8	9664.6	9047.3	8430.1	7971.6	8020.6
25°	13291.4	12863.2	12435.4	11789.6	11143.4	10265.0	9386.9	8663.9	7941.2	7471.2	7603.5
27.5°	13563.0	13154.8	12746.3	12004.0	11261.4	10191.0	9120.6	8313.3	7505.9	7078.1	7238.9
30°	13929.3	13534.7	13140.5	12281.7	11422.9	10156.3	8889.0	8020.2	7151.4	6792.2	6918.4
32.5°	14361.7	13971.1	13580.8	12571.6	11562.3	10113.4	8663.9	7767.5	6870.8	6581.3	6637.5
35°	14887.1	14513.3	14139.1	12901.8	11664.5	10032.7	8401.5	7519.1	6636.7	6395.5	6372.3
37.5°	15771.6	15294.9	14818.1	13271.7	11725.3	9894.4	8063.4	7226.8	6390.1	6179.3	6094.2
40°	17108.3	16413.5	15718.7	13741.3	11763.5	9703.9	7644.6	6878.0	6111.4	5920.2	5789.7
42.5°	18880.9	17878.1	16875.3	14355.7	11836.1	9507.3	7179.3	6493.1	5806.9	5630.7	5466.3
45°	21070.0	19717.2	18364.5	15164.1	11963.6	9324.7	6686.1	6084.2	5482.4	5303.7	5144.6
47.5°	23807.6	21903.7	19999.6	16025.4	12051.2	9173.9	6296.5	5760.8	5225.0	4994.5	4857.7
50°	27395.8	24525.6	21655.0	16824.5	11994.0	9009.5	6024.9	5546.0	5067.1	4764.0	4605.0
52.5°	31514.7	27279.6	23044.5	17343.4	11642.0	8731.8	5821.9	5404.5	4987.4	4638.9	4416.6
55°	35899.9	29721.3	23543.1	17229.1	10914.7	8271.4	5628.2	5301.9	4975.6	4651.4	4316.6
57.5°	39888.4	31451.8	23015.2	16424.2	9833.6	7622.4	5410.9	5180.4	4949.9	4663.9	4256.5
60°	42298.9	31884.2	21469.2	14926.4	8383.7	6779.7	5175.7	4994.5	4813.3	4624.6	4200.1
62.5°	41074.9	30063.3	19051.8	12901.1	6750.4	5771.1	4791.9	4671.5	4551.4	4528.1	4134.3
65°	38625.0	27486.9	16348.8	10834.6	5320.8	4863.7	4406.6	4349.8	4293.0	4295.8	3995.6
67.5°	35342.3	24420.8	13499.4	8810.4	4121.4	3991.7	3861.6	3893.4	3924.9	3917.0	3748.3
70°	31398.5	21075.3	10752.1	6936.9	3121.8	3159.0	3195.8	3343.0	3489.9	3489.9	3434.5
72.5°	26698.9	17448.5	8198.5	5303.3	2408.1	2520.0	2632.2	2840.9	3049.3	3084.3	3085.0
75°	20753.7	13291.0	5828.3	3849.1	1869.9	1971.4	2072.9	2306.6	2540.3	2701.9	2688.3
77.5°	14828.1	9302.5	3776.9	2608.2	1439.6	1508.5	1577.9	1804.8	2031.8	2298.0	2290.9
80°	9704.9	5993.4	2281.9	1680.5	1079.3	1107.9	1136.5	1328.8	1520.7	1838.8	1837.7
82.5°	5641.4	3468.8	1296.6	1033.6	771.2	776.3	782.0	923.5	1065.0	1336.6	1351.7
85°	2482.1	1560.4	639.0	552.5	466.4	463.9	461.0	564.7	668.3	870.2	889.9
87.5°	768.4	511.1	253.7	229.1	204.4	201.9	199.4	241.6	284.1	368.1	393.1
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°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	9147.8	9079.5	9017.7	8956.2	8902.2	8848.3	8794.0	8740.0	8698.2	8656.0	8622.0
5°	9005.5	8875.8	8767.1	8658.9	8563.1	8467.3	8380.4	8293.2	8226.4	8159.2	8112.4
7.5°	8933.3	8761.4	8618.5	8475.5	8355.1	8234.3	8127.8	8021.6	7941.9	7862.6	7806.8
10°	8938.3	8756.8	8613.8	8470.9	8341.1	8211.0	8091.3	7971.6	7876.5	7781.1	7718.9
12.5°	8989.1	8841.1	8746.1	8651.7	8549.5	8448.0	8324.0	8200.3	8078.8	7957.3	7876.9
15°	8990.5	8919.8	8932.6	8945.5	8919.0	8892.6	8785.0	8677.4	8504.5	8331.5	8209.3
17.5°	8855.4	8881.2	9037.0	9192.8	9275.7	9358.3	9271.4	9184.9	8955.8	8726.8	8546.6
20°	8572.0	8693.5	8964.1	9235.0	9408.3	9581.6	9541.6	9501.2	9239.3	8977.6	8756.8
22.5°	8200.3	8380.1	8688.9	8998.4	9223.9	9449.4	9473.7	9497.7	9247.5	8997.3	8770.0
25°	7810.8	8018.1	8295.7	8573.8	8795.7	9017.7	9100.6	9183.1	8978.0	8773.2	8570.9
27.5°	7439.1	7639.2	7867.6	8095.6	8273.6	8451.6	8543.8	8636.3	8490.2	8344.4	8187.5
30°	7077.0	7236.4	7425.9	7615.3	7762.9	7910.8	7985.9	8060.9	7949.8	7838.3	7726.1
32.5°	6731.4	6825.4	6976.6	7128.2	7269.7	7411.6	7494.8	7578.5	7476.3	7373.7	7284.0
35°	6398.0	6424.1	6539.5	6654.6	6794.7	6935.2	7035.2	7135.3	7062.4	6989.8	6906.9
37.5°	6065.6	6037.0	6120.0	6202.5	6342.3	6482.3	6606.0	6729.7	6696.1	6662.5	6586.3
40°	5725.0	5660.4	5720.0	5779.7	5914.8	6049.9	6192.1	6334.7	6343.0	6350.8	6286.1
42.5°	5380.5	5294.7	5343.3	5392.3	5520.3	5648.6	5802.2	5955.9	5997.0	6038.1	5983.4
45°	5061.0	4977.7	5018.5	5059.9	5181.4	5303.0	5462.4	5621.8	5680.7	5739.7	5690.4
47.5°	4787.6	4717.6	4756.2	4794.4	4913.4	5032.1	5189.3	5346.6	5414.5	5482.4	5448.1
50°	4542.8	4481.0	4541.0	4601.4	4713.6	4825.5	4966.3	5107.1	5194.3	5281.5	5279.4
52.5°	4355.2	4294.0	4384.5	4474.5	4577.5	4680.0	4811.2	4942.7	5046.0	5149.3	5167.9
55°	4219.4	4122.5	4250.8	4378.7	4489.5	4600.3	4715.4	4830.1	4939.5	5049.2	5074.9
57.5°	4115.0	3973.5	4111.4	4249.4	4379.5	4509.6	4623.2	4737.2	4847.6	4957.7	4983.8
60°	4016.7	3833.0	3954.2	4075.0	4224.4	4373.7	4489.2	4605.0	4715.8	4826.6	4855.1
62.5°	3904.8	3675.8	3752.6	3829.4	4003.5	4177.9	4301.2	4424.5	4526.0	4627.5	4655.0
65°	3751.9	3507.8	3537.5	3566.8	3753.3	3940.2	4058.2	4176.1	4265.5	4354.8	4383.0
67.5°	3545.3	3342.3	3333.0	3323.7	3496.0	3668.6	3780.5	3892.0	3969.2	4046.4	4073.9
70°	3290.1	3145.8	3113.6	3081.4	3233.0	3384.5	3481.0	3577.5	3647.2	3716.9	3743.3
72.5°	2986.0	2887.0	2839.8	2793.0	2912.4	3031.4	3118.6	3205.8	3274.1	3342.3	3373.8
75°	2612.2	2535.7	2490.7	2445.3	2533.9	2622.5	2701.5	2780.5	2842.7	2904.9	2937.7
77.5°	2229.8	2168.6	2122.9	2077.2	2149.3	2221.2	2289.1	2357.0	2422.4	2487.4	2518.2
80°	1786.6	1735.1	1696.9	1658.3	1718.3	1778.0	1835.2	1892.4	1942.1	1991.4	2032.1
82.5°	1326.6	1301.6	1274.5	1247.3	1242.3	1237.3	1217.3	1197.3	1303.0	1408.8	1478.2
85°	863.1	836.3	805.9	775.5	749.8	723.7	668.3	612.9	711.9	811.3	897.1
87.5°	382.4	371.7	366.0	360.2	359.2	358.1	315.9	273.4	314.9	356.7	391.3
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°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	8588.1	8561.6	8535.2	8510.9	8486.2	8455.9	8486.2	8510.9	8535.2	8561.6	8588.1
5°	8065.6	8032.4	7999.1	7973.7	7948.4	7923.3	7948.4	7973.7	7999.1	8032.4	8065.6
7.5°	7751.1	7712.8	7675.0	7652.1	7629.6	7612.4	7629.6	7652.1	7675.0	7712.8	7751.1
10°	7656.0	7619.9	7583.8	7564.5	7545.2	7537.4	7545.2	7564.5	7583.8	7619.9	7656.0
12.5°	7796.5	7756.1	7716.1	7699.6	7683.2	7680.3	7683.2	7699.6	7716.1	7756.1	7796.5
15°	8087.0	8030.9	7975.2	7953.7	7932.3	7930.5	7932.3	7953.7	7975.2	8030.9	8087.0
17.5°	8366.5	8283.6	8200.3	8173.2	8145.6	8141.4	8145.6	8173.2	8200.3	8283.6	8366.5
20°	8536.3	8430.1	8323.6	8289.7	8255.7	8245.0	8255.7	8289.7	8323.6	8430.1	8536.3
22.5°	8542.3	8430.5	8318.3	8280.7	8243.2	8227.1	8243.2	8280.7	8318.3	8430.5	8542.3
25°	8369.4	8272.2	8175.3	8139.9	8104.9	8084.2	8104.9	8139.9	8175.3	8272.2	8369.4
27.5°	8030.6	7965.5	7900.1	7884.0	7868.0	7862.6	7868.0	7884.0	7900.1	7965.5	8030.6
30°	7613.1	7579.9	7546.3	7546.3	7546.3	7551.7	7546.3	7546.3	7546.3	7579.9	7613.1
32.5°	7194.3	7172.5	7150.7	7153.5	7156.7	7162.1	7156.7	7153.5	7150.7	7172.5	7194.3
35°	6824.4	6791.1	6758.3	6751.1	6744.0	6740.4	6744.0	6751.1	6758.3	6791.1	6824.4
37.5°	6509.9	6449.5	6389.4	6357.6	6325.8	6307.9	6325.8	6357.6	6389.4	6449.5	6509.9
40°	6221.5	6133.5	6046.3	5987.0	5928.4	5893.4	5928.4	5987.0	6046.3	6133.5	6221.5
42.5°	5929.1	5820.1	5711.1	5625.0	5538.8	5482.4	5538.8	5625.0	5711.1	5820.1	5929.1
45°	5641.4	5516.7	5392.3	5291.2	5190.0	5125.0	5190.0	5291.2	5392.3	5516.7	5641.4
47.5°	5413.8	5303.0	5192.2	5098.5	5005.3	4942.7	5005.3	5098.5	5192.2	5303.0	5413.8
50°	5277.9	5189.3	5100.7	5014.2	4927.7	4867.7	4927.7	5014.2	5100.7	5189.3	5277.9
52.5°	5186.5	5114.3	5042.1	4964.5	4887.3	4831.9	4887.3	4964.5	5042.1	5114.3	5186.5
55°	5100.7	5037.8	4974.9	4907.0	4839.1	4789.0	4839.1	4907.0	4974.9	5037.8	5100.7
57.5°	5009.9	4946.3	4882.7	4815.5	4747.9	4696.1	4747.9	4815.5	4882.7	4946.3	5009.9
60°	4883.7	4821.6	4759.7	4690.4	4621.1	4567.5	4621.1	4690.4	4759.7	4821.6	4883.7
62.5°	4682.5	4626.4	4570.3	4497.4	4424.5	4360.2	4424.5	4497.4	4570.3	4626.4	4682.5
65°	4410.9	4356.9	4303.0	4232.2	4161.8	4106.4	4161.8	4232.2	4303.0	4356.9	4410.9
67.5°	4101.1	4051.4	4002.1	3936.3	3870.5	3820.5	3870.5	3936.3	4002.1	4051.4	4101.1
70°	3769.8	3729.4	3689.0	3626.1	3563.2	3506.0	3563.2	3626.1	3689.0	3729.4	3769.8
72.5°	3405.2	3371.6	3338.0	3278.0	3218.3	3162.9	3218.3	3278.0	3338.0	3371.6	3405.2
75°	2970.6	2954.2	2937.7	2887.4	2837.0	2784.1	2837.0	2887.4	2937.7	2954.2	2970.6
77.5°	2548.9	2526.0	2502.4	2451.7	2400.9	2358.8	2400.9	2451.7	2502.4	2526.0	2548.9
80°	2072.9	2062.9	2053.2	1984.9	1916.3	1837.0	1916.3	1984.9	2053.2	2062.9	2072.9
82.5°	1547.5	1543.2	1538.6	1481.0	1423.1	1372.4	1423.1	1481.0	1538.6	1543.2	1547.5
85°	982.8	975.7	968.5	923.5	878.5	832.7	878.5	923.5	968.5	975.7	982.8
87.5°	426.0	417.4	408.1	385.3	361.7	339.5	361.7	385.3	408.1	417.4	426.0
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: P955909

CATALOG NUMBER: GALN-SB8D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	8622.0	8656.0	8698.2	8740.0	8794.0	8848.3	8902.2	8956.2	9017.7	9079.5	9147.8
5°	8112.4	8159.2	8226.4	8293.2	8380.4	8467.3	8563.1	8658.9	8767.1	8875.8	9005.5
7.5°	7806.8	7862.6	7941.9	8021.6	8127.8	8234.3	8355.1	8475.5	8618.5	8761.4	8933.3
10°	7718.9	7781.1	7876.5	7971.6	8091.3	8211.0	8341.1	8470.9	8613.8	8756.8	8938.3
12.5°	7876.9	7957.3	8078.8	8200.3	8324.0	8448.0	8549.5	8651.7	8746.1	8841.1	8989.1
15°	8209.3	8331.5	8504.5	8677.4	8785.0	8892.6	8919.0	8945.5	8932.6	8919.8	8990.5
17.5°	8546.6	8726.8	8955.8	9184.9	9271.4	9358.3	9275.7	9192.8	9037.0	8881.2	8855.4
20°	8756.8	8977.6	9239.3	9501.2	9541.6	9581.6	9408.3	9235.0	8964.1	8693.5	8572.0
22.5°	8770.0	8997.3	9247.5	9497.7	9473.7	9449.4	9223.9	8998.4	8688.9	8380.1	8200.3
25°	8570.9	8773.2	8978.0	9183.1	9100.6	9017.7	8795.7	8573.8	8295.7	8018.1	7810.8
27.5°	8187.5	8344.4	8490.2	8636.3	8543.8	8451.6	8273.6	8095.6	7867.6	7639.2	7439.1
30°	7726.1	7838.3	7949.8	8060.9	7985.9	7910.8	7762.9	7615.3	7425.9	7236.4	7077.0
32.5°	7284.0	7373.7	7476.3	7578.5	7494.8	7411.6	7269.7	7128.2	6976.6	6825.4	6731.4
35°	6906.9	6989.8	7062.4	7135.3	7035.2	6935.2	6794.7	6654.6	6539.5	6424.1	6398.0
37.5°	6586.3	6662.5	6696.1	6729.7	6606.0	6482.3	6342.3	6202.5	6120.0	6037.0	6065.6
40°	6286.1	6350.8	6343.0	6334.7	6192.1	6049.9	5914.8	5779.7	5720.0	5660.4	5725.0
42.5°	5983.4	6038.1	5997.0	5955.9	5802.2	5648.6	5520.3	5392.3	5343.3	5294.7	5380.5
45°	5690.4	5739.7	5680.7	5621.8	5462.4	5303.0	5181.4	5059.9	5018.5	4977.7	5061.0
47.5°	5448.1	5482.4	5414.5	5346.6	5189.3	5032.1	4913.4	4794.4	4756.2	4717.6	4787.6
50°	5279.4	5281.5	5194.3	5107.1	4966.3	4825.5	4713.6	4601.4	4541.0	4481.0	4542.8
52.5°	5167.9	5149.3	5046.0	4942.7	4811.2	4680.0	4577.5	4474.5	4384.5	4294.0	4355.2
55°	5074.9	5049.2	4939.5	4830.1	4715.4	4600.3	4489.5	4378.7	4250.8	4122.5	4219.4
57.5°	4983.8	4957.7	4847.6	4737.2	4623.2	4509.6	4379.5	4249.4	4111.4	3973.5	4115.0
60°	4855.1	4826.6	4715.8	4605.0	4489.2	4373.7	4224.4	4075.0	3954.2	3833.0	4016.7
62.5°	4655.0	4627.5	4526.0	4424.5	4301.2	4177.9	4003.5	3829.4	3752.6	3675.8	3904.8
65°	4383.0	4354.8	4265.5	4176.1	4058.2	3940.2	3753.3	3566.8	3537.5	3507.8	3751.9
67.5°	4073.9	4046.4	3969.2	3892.0	3780.5	3668.6	3496.0	3323.7	3333.0	3342.3	3545.3
70°	3743.3	3716.9	3647.2	3577.5	3481.0	3384.5	3233.0	3081.4	3113.6	3145.8	3290.1
72.5°	3373.8	3342.3	3274.1	3205.8	3118.6	3031.4	2912.4	2793.0	2839.8	2887.0	2986.0
75°	2937.7	2904.9	2842.7	2780.5	2701.5	2622.5	2533.9	2445.3	2490.7	2535.7	2612.2
77.5°	2518.2	2487.4	2422.4	2357.0	2289.1	2221.2	2149.3	2077.2	2122.9	2168.6	2229.8
80°	2032.1	1991.4	1942.1	1892.4	1835.2	1778.0	1718.3	1658.3	1696.9	1735.1	1786.6
82.5°	1478.2	1408.8	1303.0	1197.3	1217.3	1237.3	1242.3	1247.3	1274.5	1301.6	1326.6
85°	897.1	811.3	711.9	612.9	668.3	723.7	749.8	775.5	805.9	836.3	863.1
87.5°	391.3	356.7	314.9	273.4	315.9	358.1	359.2	360.2	366.0	371.7	382.4
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: P955909

CATALOG NUMBER: GALN-SB8D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	9216.4	9301.1	9377.2	9455.8	9534.5	9616.7	9698.9	9780.3	9862.2	9939.0	10015.9
5°	9134.9	9283.2	9433.3	9592.4	9751.4	9921.5	10092.0	10261.0	10430.4	10600.2	10770.0
7.5°	9105.6	9297.5	9502.3	9724.2	9946.2	10198.1	10450.1	10708.8	10967.6	11247.4	11527.6
10°	9119.9	9326.1	9578.8	9841.8	10104.1	10410.4	10716.4	11058.0	11400.0	11754.2	12108.4
12.5°	9137.8	9329.7	9595.2	9892.2	10189.2	10550.2	10911.1	11298.5	11686.0	12074.8	12464.0
15°	9061.6	9215.3	9509.4	9853.3	10197.1	10612.7	11028.4	11448.6	11868.9	12274.6	12680.2
17.5°	8829.3	8924.0	9270.0	9683.5	10097.0	10579.5	11062.0	11520.5	11979.0	12390.4	12801.7
20°	8450.5	8475.5	8878.3	9390.8	9903.3	10488.0	11072.7	11576.6	12080.5	12508.3	12935.7
22.5°	8020.6	7971.6	8430.1	9047.3	9664.6	10375.8	11087.0	11652.4	12217.4	12654.5	13091.2
25°	7603.5	7471.2	7941.2	8663.9	9386.9	10265.0	11143.4	11789.6	12435.4	12863.2	13291.4
27.5°	7238.9	7078.1	7505.9	8313.3	9120.6	10191.0	11261.4	12004.0	12746.3	13154.8	13563.0
30°	6918.4	6792.2	7151.4	8020.2	8889.0	10156.3	11422.9	12281.7	13140.5	13534.7	13929.3
32.5°	6637.5	6581.3	6870.8	7767.5	8663.9	10113.4	11562.3	12571.6	13580.8	13971.1	14361.7
35°	6372.3	6395.5	6636.7	7519.1	8401.5	10032.7	11664.5	12901.8	14139.1	14513.3	14887.1
37.5°	6094.2	6179.3	6390.1	7226.8	8063.4	9894.4	11725.3	13271.7	14818.1	15294.9	15771.6
40°	5789.7	5920.2	6111.4	6878.0	7644.6	9703.9	11763.5	13741.3	15718.7	16413.5	17108.3
42.5°	5466.3	5630.7	5806.9	6493.1	7179.3	9507.3	11836.1	14355.7	16875.3	17878.1	18880.9
45°	5144.6	5303.7	5482.4	6084.2	6686.1	9324.7	11963.6	15164.1	18364.5	19717.2	21070.0
47.5°	4857.7	4994.5	5225.0	5760.8	6296.5	9173.9	12051.2	16025.4	19999.6	21903.7	23807.6
50°	4605.0	4764.0	5067.1	5546.0	6024.9	9009.5	11994.0	16824.5	21655.0	24525.6	27395.8
52.5°	4416.6	4638.9	4987.4	5404.5	5821.9	8731.8	11642.0	17343.4	23044.5	27279.6	31514.7
55°	4316.6	4651.4	4975.6	5301.9	5628.2	8271.4	10914.7	17229.1	23543.1	29721.3	35899.9
57.5°	4256.5	4663.9	4949.9	5180.4	5410.9	7622.4	9833.6	16424.2	23015.2	31451.8	39888.4
60°	4200.1	4624.6	4813.3	4994.5	5175.7	6779.7	8383.7	14926.4	21469.2	31884.2	42298.9
62.5°	4134.3	4528.1	4551.4	4671.5	4791.9	5771.1	6750.4	12901.1	19051.8	30063.3	41074.9
65°	3995.6	4295.8	4293.0	4349.8	4406.6	4863.7	5320.8	10834.6	16348.8	27486.9	38625.0
67.5°	3748.3	3917.0	3924.9	3893.4	3861.6	3991.7	4121.4	8810.4	13499.4	24420.8	35342.3
70°	3434.5	3489.9	3489.9	3343.0	3195.8	3159.0	3121.8	6936.9	10752.1	21075.3	31398.5
72.5°	3085.0	3084.3	3049.3	2840.9	2632.2	2520.0	2408.1	5303.3	8198.5	17448.5	26698.9
75°	2688.3	2701.9	2540.3	2306.6	2072.9	1971.4	1869.9	3849.1	5828.3	13291.0	20753.7
77.5°	2290.9	2298.0	2031.8	1804.8	1577.9	1508.5	1439.6	2608.2	3776.9	9302.5	14828.1
80°	1837.7	1838.8	1520.7	1328.8	1136.5	1107.9	1079.3	1680.5	2281.9	5993.4	9704.9
82.5°	1351.7	1336.6	1065.0	923.5	782.0	776.3	771.2	1033.6	1296.6	3468.8	5641.4
85°	889.9	870.2	668.3	564.7	461.0	463.9	466.4	552.5	639.0	1560.4	2482.1
87.5°	393.1	368.1	284.1	241.6	199.4	201.9	204.4	229.1	253.7	511.1	768.4
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: P955909

CATALOG NUMBER: GALN-SB8D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	10053.8	10092.0	10146.0	10199.9	10232.1	10264.3	10280.3	10296.4	10289.3	10296.4	10280.3
5°	10902.6	11035.5	11167.0	11298.9	11370.4	11441.9	11485.1	11528.7	11561.6	11528.7	11485.1
7.5°	11743.5	11959.0	12153.1	12347.1	12464.0	12580.9	12644.1	12707.0	12737.4	12707.0	12644.1
10°	12363.6	12618.7	12846.4	13074.1	13212.0	13349.2	13410.7	13471.8	13495.1	13471.8	13410.7
12.5°	12740.6	13016.9	13222.7	13427.9	13527.9	13628.0	13661.6	13695.2	13698.8	13695.2	13661.6
15°	12919.0	13157.3	13286.3	13415.7	13419.3	13422.9	13387.1	13351.4	13309.2	13351.4	13387.1
17.5°	12962.9	13124.1	13126.6	13128.7	12984.0	12839.3	12706.7	12573.7	12480.1	12573.7	12706.7
20°	12991.9	13048.3	12878.6	12708.8	12389.3	12069.8	11837.1	11604.5	11461.5	11604.5	11837.1
22.5°	13017.6	12944.0	12592.3	12240.6	11770.7	11300.7	11009.8	10718.9	10560.9	10718.9	11009.8
25°	13059.0	12826.7	12292.8	11758.9	11188.1	10617.4	10311.4	10006.2	9856.8	10006.2	10311.4
27.5°	13147.7	12732.0	12024.8	11317.8	10685.3	10052.7	9751.8	9451.2	9310.0	9451.2	9751.8
30°	13309.9	12690.9	11820.3	10949.7	10290.7	9631.7	9352.6	9073.4	8941.9	9073.4	9352.6
32.5°	13513.6	12665.9	11681.0	10696.0	10076.6	9457.3	9238.2	9018.7	8924.0	9018.7	9238.2
35°	13849.2	12811.7	11785.3	10759.2	10328.9	9899.0	9847.9	9796.8	9788.9	9796.8	9847.9
37.5°	14550.8	13330.0	12397.2	11464.4	11436.5	11408.6	11642.4	11876.1	11997.6	11876.1	11642.4
40°	15780.6	14452.9	13759.2	13065.5	13555.1	14044.7	14613.0	15181.2	15464.3	15181.2	14613.0
42.5°	17563.6	16246.3	15846.7	15447.1	16515.0	17582.9	18616.5	19650.0	20256.9	19650.0	18616.5
45°	19886.6	18703.0	18526.8	18350.2	20061.0	21772.2	23470.5	25169.2	26200.3	25169.2	23470.5
47.5°	22656.4	21504.9	21469.2	21433.4	23901.6	26369.0	28855.3	31341.4	32801.3	31341.4	28855.3
50°	25973.7	24552.0	24558.1	24564.2	27744.9	30925.7	34207.6	37489.5	39473.8	37489.5	34207.6
52.5°	29792.8	28071.2	27897.2	27722.8	31522.2	35321.6	39382.3	43442.6	45821.0	43442.6	39382.3
55°	34198.7	32497.5	31818.8	31140.1	35368.8	39597.1	44437.9	49278.8	52107.5	49278.8	44437.9
57.5°	38962.0	38035.3	36674.0	35313.0	39582.8	43852.5	49335.6	54818.3	58326.1	54818.3	49335.6
60°	43737.8	45177.0	43486.6	41796.1	45836.8	49877.4	55747.9	61618.4	65409.6	61618.4	55747.9
62.5°	45006.5	48938.2	48747.7	48556.9	52258.4	55960.2	61545.5	67130.4	70634.7	67130.4	61545.5
65°	42315.0	46005.1	46735.2	47465.0	52169.0	56873.3	62289.2	67704.8	70688.3	67704.8	62289.2
67.5°	38851.9	42361.5	42703.9	43045.9	47947.1	52848.0	58287.2	63726.3	66063.6	63726.3	58287.2
70°	35215.8	39033.5	39186.4	39339.8	43722.8	48105.5	52786.2	57466.6	58765.7	57466.6	52786.2
72.5°	31079.4	35460.3	35570.4	35680.1	39109.2	42538.4	46044.0	49549.3	49680.9	49549.3	46044.0
75°	25287.5	29821.4	30228.4	30635.5	33303.4	35971.4	38439.1	40906.9	40245.7	40906.9	38439.1
77.5°	19060.3	23292.9	23875.5	24458.0	26486.2	28514.4	30264.5	32015.0	30878.5	32015.0	30264.5
80°	13265.6	16825.9	17550.0	18274.1	19805.9	21336.9	22256.1	23175.0	21346.9	23175.0	22256.1
82.5°	8075.6	10510.1	11318.9	12128.0	13182.3	14236.6	14620.1	15003.3	13566.5	15003.3	14620.1
85°	3774.0	5066.0	5754.0	6442.0	7308.3	8174.2	8391.9	8609.5	7458.7	8609.5	8391.9
87.5°	1202.6	1636.8	2020.7	2404.5	2837.7	3270.8	3289.4	3307.6	2776.9	3307.6	3289.4
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: P955909

CATALOG NUMBER: GALN-SB8D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6	9313.6
2.5°	10264.3	10232.1	10199.9	10146.0	10092.0	10053.8	10015.9
5°	11441.9	11370.4	11298.9	11167.0	11035.5	10902.6	10770.0
7.5°	12580.9	12464.0	12347.1	12153.1	11959.0	11743.5	11527.6
10°	13349.2	13212.0	13074.1	12846.4	12618.7	12363.6	12108.4
12.5°	13628.0	13527.9	13427.9	13222.7	13016.9	12740.6	12464.0
15°	13422.9	13419.3	13415.7	13286.3	13157.3	12919.0	12680.2
17.5°	12839.3	12984.0	13128.7	13126.6	13124.1	12962.9	12801.7
20°	12069.8	12389.3	12708.8	12878.6	13048.3	12991.9	12935.7
22.5°	11300.7	11770.7	12240.6	12592.3	12944.0	13017.6	13091.2
25°	10617.4	11188.1	11758.9	12292.8	12826.7	13059.0	13291.4
27.5°	10052.7	10685.3	11317.8	12024.8	12732.0	13147.7	13563.0
30°	9631.7	10290.7	10949.7	11820.3	12690.9	13309.9	13929.3
32.5°	9457.3	10076.6	10696.0	11681.0	12665.9	13513.6	14361.7
35°	9899.0	10328.9	10759.2	11785.3	12811.7	13849.2	14887.1
37.5°	11408.6	11436.5	11464.4	12397.2	13330.0	14550.8	15771.6
40°	14044.7	13555.1	13065.5	13759.2	14452.9	15780.6	17108.3
42.5°	17582.9	16515.0	15447.1	15846.7	16246.3	17563.6	18880.9
45°	21772.2	20061.0	18350.2	18526.8	18703.0	19886.6	21070.0
47.5°	26369.0	23901.6	21433.4	21469.2	21504.9	22656.4	23807.6
50°	30925.7	27744.9	24564.2	24558.1	24552.0	25973.7	27395.8
52.5°	35321.6	31522.2	27722.8	27897.2	28071.2	29792.8	31514.7
55°	39597.1	35368.8	31140.1	31818.8	32497.5	34198.7	35899.9
57.5°	43852.5	39582.8	35313.0	36674.0	38035.3	38962.0	39888.4
60°	49877.4	45836.8	41796.1	43486.6	45177.0	43737.8	42298.9
62.5°	55960.2	52258.4	48556.9	48747.7	48938.2	45006.5	41074.9
65°	56873.3	52169.0	47465.0	46735.2	46005.1	42315.0	38625.0
67.5°	52848.0	47947.1	43045.9	42703.9	42361.5	38851.9	35342.3
70°	48105.5	43722.8	39339.8	39186.4	39033.5	35215.8	31398.5
72.5°	42538.4	39109.2	35680.1	35570.4	35460.3	31079.4	26698.9
75°	35971.4	33303.4	30635.5	30228.4	29821.4	25287.5	20753.7
77.5°	28514.4	26486.2	24458.0	23875.5	23292.9	19060.3	14828.1
80°	21336.9	19805.9	18274.1	17550.0	16825.9	13265.6	9704.9
82.5°	14236.6	13182.3	12128.0	11318.9	10510.1	8075.6	5641.4
85°	8174.2	7308.3	6442.0	5754.0	5066.0	3774.0	2482.1
87.5°	3270.8	2837.7	2404.5	2020.7	1636.8	1202.6	768.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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