

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: P956308

Luminaire Tested: **GALN-SB9A-730-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956308
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-SB9A-730-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40712 lumens
Efficiency: N/A
Efficacy: 159.3 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): 255.5
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

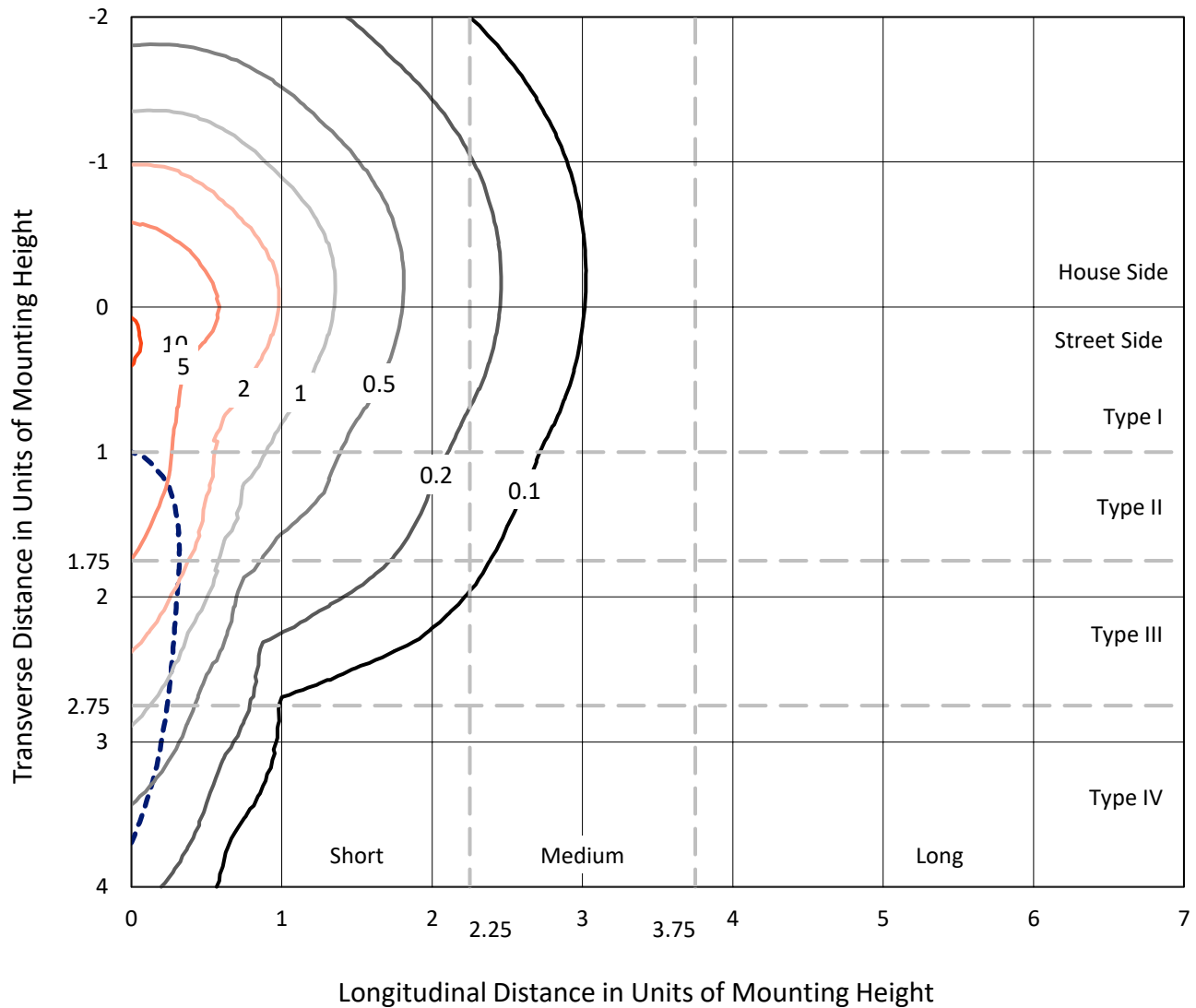


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Iso-Footcandle Lines of Horizontal Illumination

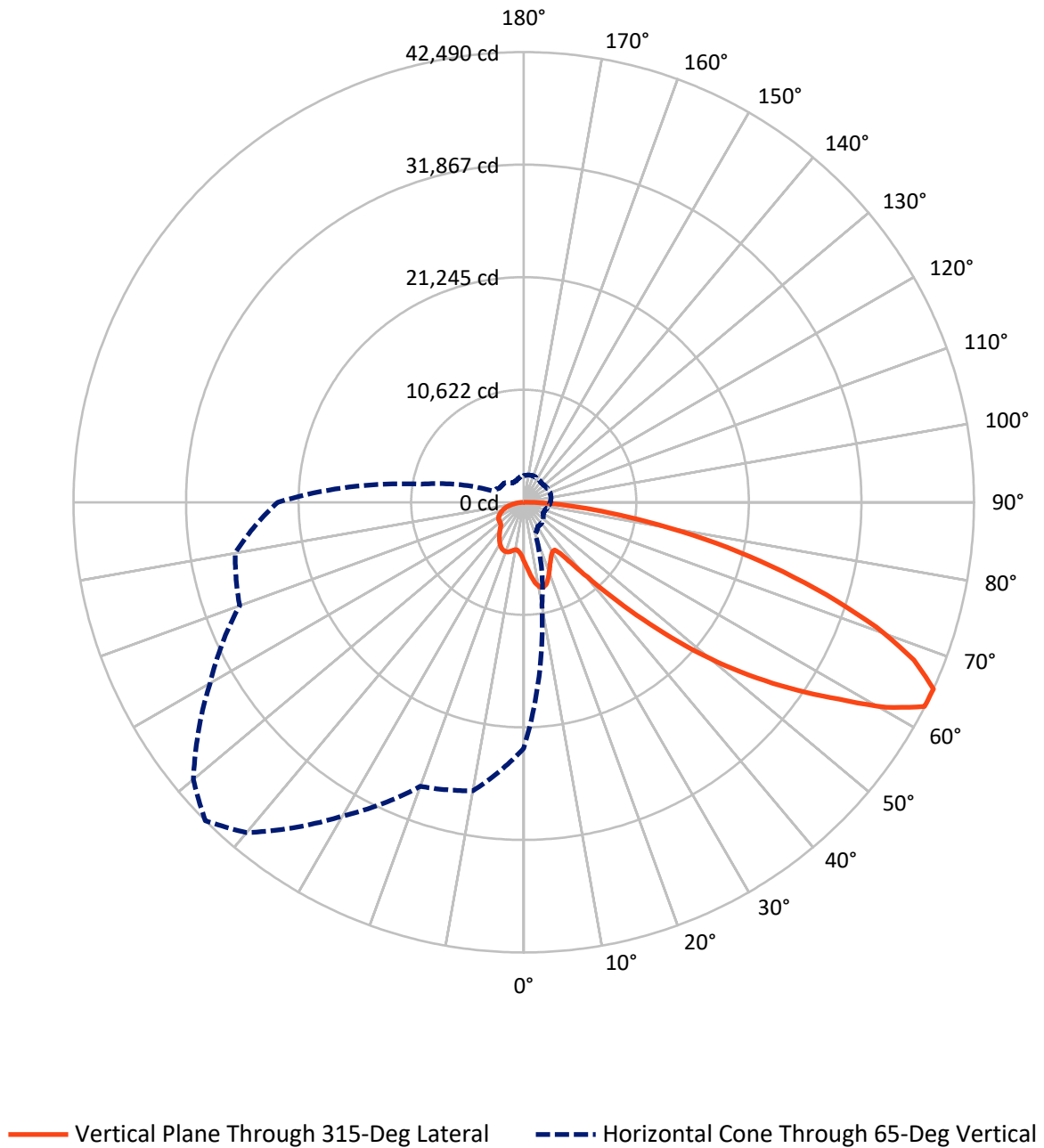
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 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	10346.9	0.0	10346.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	30365.1	0.0	30365.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	40712.0	0.0	40712.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	555.3	1.4
10°-20°	1743.3	4.3
20°-30°	2692.8	6.6
30°-40°	3412.5	8.4
40°-50°	5146.9	12.6
50°-60°	8315.6	20.4
60°-70°	10366.8	25.5
70°-80°	6798.0	16.7
80°-90°	1680.6	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	40712.0	100.0
0°-180°	40712.0	100.0

Coefficient of Utilization



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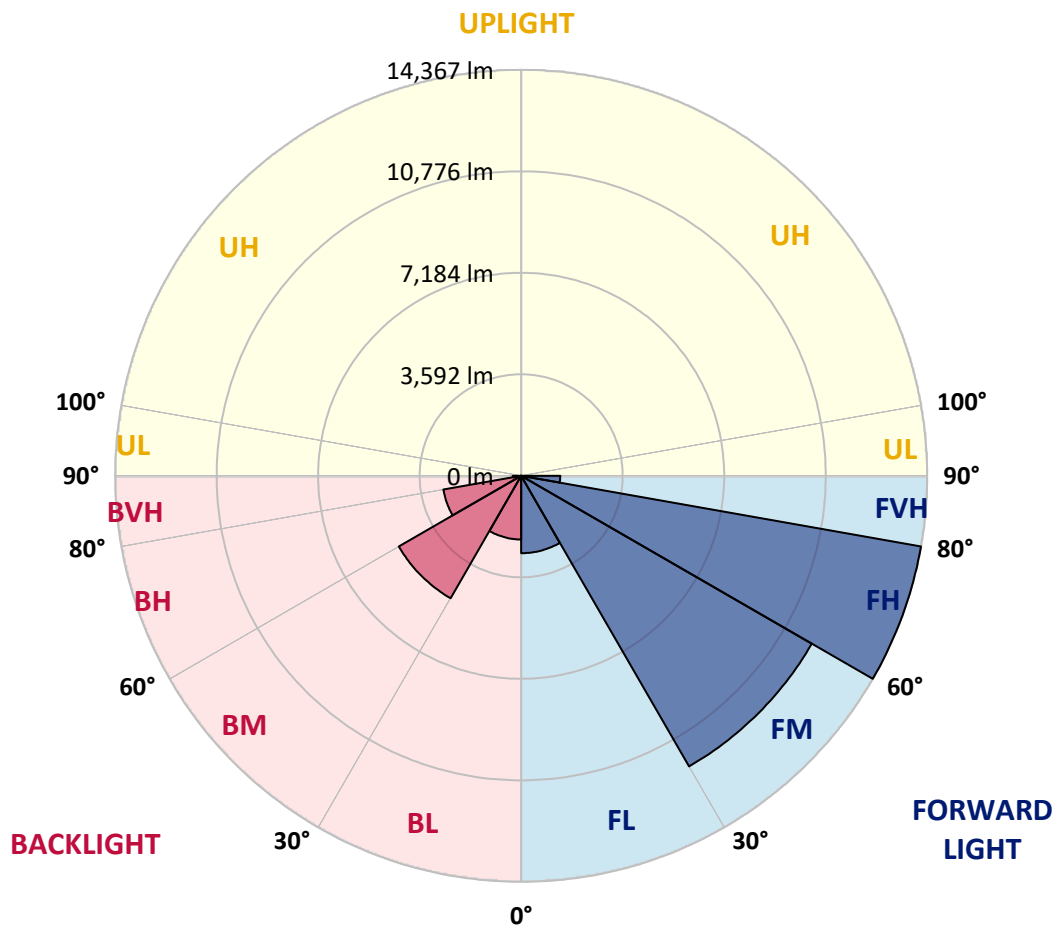
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2738.4	6.7			
FM	(30°-60°)	11874.8	29.2			
FH	(60°-80°)	14367.4	35.3			G5
FVH	(80°-90°)	1384.5	3.4			G5
BL	(0°-30°)	2253.2	5.5	B3/2500		
BM	(30°-60°)	5000.3	12.3	B4/8500		
BH	(60°-80°)	2797.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	296.2	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°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	6020.4	5974.2	5928.0	5878.8	5829.8	5780.4	5731.0	5683.7	5636.5	5590.7	5539.8
5°	6473.6	6371.6	6269.6	6167.7	6066.1	5963.7	5861.4	5765.8	5670.2	5580.0	5490.8
7.5°	6929.1	6760.7	6592.4	6436.9	6281.4	6129.9	5978.5	5845.1	5711.7	5588.6	5473.2
10°	7278.2	7065.3	6852.4	6646.8	6441.4	6257.5	6073.4	5915.8	5757.6	5605.8	5481.8
12.5°	7491.9	7258.0	7024.2	6791.4	6558.5	6341.5	6124.6	5946.0	5767.5	5607.9	5492.6
15°	7621.9	7378.0	7134.2	6881.6	6629.0	6379.1	6129.3	5922.6	5716.0	5539.2	5446.8
17.5°	7694.9	7447.6	7200.4	6924.8	6649.2	6359.1	6069.1	5820.6	5572.0	5364.1	5307.2
20°	7775.5	7518.5	7261.4	6958.5	6655.6	6304.2	5952.7	5644.7	5336.6	5094.5	5079.5
22.5°	7868.9	7606.4	7343.7	7004.0	6664.2	6236.7	5809.2	5438.2	5067.2	4791.6	4821.0
25°	7989.2	7731.9	7474.7	7086.5	6698.1	6170.1	5642.3	5207.7	4773.3	4490.8	4570.3
27.5°	8152.5	7907.2	7661.6	7215.4	6769.0	6125.6	5482.2	4997.0	4511.7	4254.5	4351.2
30°	8372.7	8135.5	7898.6	7382.3	6866.1	6104.8	5343.0	4820.8	4298.6	4082.7	4158.5
32.5°	8632.6	8397.8	8163.2	7556.6	6949.9	6079.0	5207.7	4668.9	4129.9	3955.9	3989.7
35°	8948.4	8723.7	8498.8	7755.1	7011.3	6030.5	5050.0	4519.6	3989.2	3844.2	3830.3
37.5°	9480.1	9193.5	8906.9	7977.4	7047.9	5947.3	4846.8	4343.9	3841.0	3714.3	3663.1
40°	10283.5	9865.9	9448.3	8259.7	7070.9	5832.8	4595.0	4134.2	3673.4	3558.5	3480.1
42.5°	11349.0	10746.2	10143.4	8629.0	7114.5	5714.7	4315.3	3902.9	3490.4	3384.5	3285.7
45°	12664.8	11851.7	11038.6	9114.9	7191.2	5604.9	4018.9	3657.1	3295.4	3188.0	3092.4
47.5°	14310.3	13166.0	12021.4	9632.6	7243.8	5514.3	3784.7	3462.7	3140.7	3002.1	2919.9
50°	16467.1	14741.9	13016.5	10112.9	7209.4	5415.4	3621.5	3333.6	3045.7	2863.6	2768.0
52.5°	18943.0	16397.3	13851.7	10424.9	6997.8	5248.5	3499.4	3248.5	2997.8	2788.4	2654.8
55°	21578.8	17865.0	14151.4	10356.1	6560.7	4971.8	3383.0	3186.9	2990.7	2795.9	2594.6
57.5°	23976.2	18905.2	13834.1	9872.3	5910.8	4581.7	3252.4	3113.8	2975.3	2803.4	2558.5
60°	25425.2	19165.1	12904.8	8972.0	5039.3	4075.2	3111.0	3002.1	2893.2	2779.8	2524.6
62.5°	24689.4	18070.6	11451.7	7754.6	4057.6	3468.9	2880.3	2807.9	2735.8	2721.8	2485.1
65°	23216.8	16521.9	9827.0	6512.5	3198.3	2923.5	2648.8	2614.6	2580.4	2582.2	2401.7
67.5°	21243.7	14679.0	8114.2	5295.8	2477.3	2399.3	2321.1	2340.3	2359.2	2354.4	2253.0
70°	18873.2	12668.0	6462.9	4169.7	1876.5	1898.8	1920.9	2009.4	2097.7	2097.7	2064.4
72.5°	16048.2	10488.0	4928.0	3187.7	1447.5	1514.7	1582.2	1707.6	1832.9	1853.9	1854.3
75°	12474.7	7989.0	3503.3	2313.6	1123.9	1185.0	1246.0	1386.5	1527.0	1624.1	1615.9
77.5°	8912.9	5591.6	2270.2	1567.8	865.3	906.8	948.4	1084.8	1221.3	1381.3	1377.0
80°	5833.5	3602.6	1371.6	1010.1	648.8	665.9	683.1	798.7	914.1	1105.3	1104.6
82.5°	3391.0	2085.1	779.4	621.3	463.6	466.6	470.0	555.1	640.2	803.4	812.5
85°	1491.9	937.9	384.1	332.1	280.3	278.8	277.1	339.4	401.7	523.1	534.9
87.5°	461.9	307.2	152.5	137.7	122.9	121.4	119.9	145.2	170.8	221.3	236.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	5498.6	5457.5	5420.4	5383.4	5351.0	5318.6	5285.9	5253.5	5228.3	5203.0	5182.6
5°	5413.1	5335.1	5269.8	5204.7	5147.1	5089.6	5037.4	4984.9	4944.8	4904.4	4876.2
7.5°	5369.7	5266.4	5180.4	5094.5	5022.1	4949.5	4885.5	4821.7	4773.8	4726.1	4692.6
10°	5372.7	5263.6	5177.6	5091.7	5013.7	4935.5	4863.6	4791.6	4734.5	4677.1	4639.7
12.5°	5403.2	5314.3	5257.1	5200.4	5139.0	5078.0	5003.4	4929.1	4856.0	4783.0	4734.7
15°	5404.1	5361.5	5369.3	5377.0	5361.1	5345.2	5280.5	5215.9	5111.9	5007.9	4934.5
17.5°	5322.8	5338.3	5432.0	5525.6	5575.5	5625.1	5572.9	5520.9	5383.2	5245.5	5137.2
20°	5152.5	5225.5	5388.2	5551.0	5655.2	5759.4	5735.3	5711.0	5553.6	5396.3	5263.6
22.5°	4929.1	5037.1	5222.7	5408.8	5544.3	5679.9	5694.5	5708.9	5558.5	5408.1	5271.5
25°	4694.9	4819.5	4986.4	5153.6	5287.0	5420.4	5470.2	5519.8	5396.5	5273.4	5151.9
27.5°	4471.5	4591.8	4729.1	4866.1	4973.1	5080.1	5135.5	5191.2	5103.3	5015.7	4921.3
30°	4253.9	4349.7	4463.6	4577.4	4666.1	4755.1	4800.2	4845.3	4778.5	4711.5	4644.0
32.5°	4046.2	4102.7	4193.5	4284.6	4369.7	4455.0	4505.0	4555.3	4493.9	4432.2	4378.3
35°	3845.7	3861.4	3930.8	4000.0	4084.2	4168.6	4228.8	4288.9	4245.1	4201.5	4151.6
37.5°	3646.0	3628.8	3678.6	3728.2	3812.2	3896.4	3970.8	4045.1	4024.9	4004.7	3958.9
40°	3441.2	3402.3	3438.2	3474.1	3555.3	3636.5	3722.0	3807.7	3812.7	3817.4	3778.5
42.5°	3234.1	3182.6	3211.8	3241.2	3318.1	3395.3	3487.6	3580.0	3604.7	3629.4	3596.5
45°	3042.1	2992.0	3016.5	3041.4	3114.5	3187.5	3283.3	3379.1	3414.6	3450.0	3420.4
47.5°	2877.8	2835.6	2858.8	2881.8	2953.4	3024.7	3119.2	3213.7	3254.5	3295.4	3274.7
50°	2730.6	2693.4	2729.5	2765.8	2833.3	2900.5	2985.2	3069.8	3122.2	3174.6	3173.3
52.5°	2617.8	2581.1	2635.4	2689.6	2751.4	2813.1	2891.9	2971.0	3033.1	3095.1	3106.3
55°	2536.2	2478.0	2555.1	2632.0	2698.6	2765.2	2834.4	2903.3	2969.0	3035.0	3050.5
57.5°	2473.5	2388.4	2471.3	2554.2	2632.4	2710.6	2778.9	2847.5	2913.8	2980.0	2995.7
60°	2414.4	2304.0	2376.8	2449.4	2539.2	2629.0	2698.4	2768.0	2834.6	2901.2	2918.4
62.5°	2347.1	2209.4	2255.6	2301.8	2406.4	2511.3	2585.4	2659.5	2720.5	2781.5	2798.1
65°	2255.2	2108.5	2126.3	2143.9	2256.1	2368.4	2439.3	2510.2	2563.9	2617.6	2634.6
67.5°	2131.0	2009.0	2003.4	1997.8	2101.4	2205.1	2272.4	2339.4	2385.8	2432.2	2448.8
70°	1977.6	1890.9	1871.5	1852.2	1943.3	2034.4	2092.4	2150.4	2192.3	2234.1	2250.0
72.5°	1794.8	1735.3	1707.0	1678.8	1750.6	1822.1	1874.5	1926.9	1968.0	2009.0	2027.9
75°	1570.1	1524.2	1497.1	1469.8	1523.1	1576.4	1623.8	1671.3	1708.7	1746.1	1765.8
77.5°	1340.3	1303.5	1276.0	1248.5	1291.9	1335.1	1375.9	1416.7	1456.1	1495.2	1513.6
80°	1073.9	1043.0	1020.0	996.8	1032.9	1068.7	1103.1	1137.5	1167.3	1197.0	1221.5
82.5°	797.4	782.4	766.1	749.7	746.7	743.7	731.7	719.7	783.2	846.8	888.5
85°	518.8	502.7	484.4	466.2	450.7	435.0	401.7	368.4	427.9	487.6	539.2
87.5°	229.9	223.4	220.0	216.5	215.9	215.3	189.9	164.3	189.3	214.4	235.2
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°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	5162.2	5146.3	5130.4	5115.8	5100.9	5082.7	5100.9	5115.8	5130.4	5146.3	5162.2
5°	4848.1	4828.1	4808.1	4792.9	4777.6	4762.6	4777.6	4792.9	4808.1	4828.1	4848.1
7.5°	4659.1	4636.1	4613.3	4599.5	4586.0	4575.7	4586.0	4599.5	4613.3	4636.1	4659.1
10°	4601.9	4580.2	4558.5	4546.9	4535.3	4530.6	4535.3	4546.9	4558.5	4580.2	4601.9
12.5°	4686.3	4662.1	4638.0	4628.1	4618.2	4616.5	4618.2	4628.1	4638.0	4662.1	4686.3
15°	4861.0	4827.3	4793.7	4780.9	4768.0	4766.9	4768.0	4780.9	4793.7	4827.3	4861.0
17.5°	5029.0	4979.1	4929.1	4912.8	4896.2	4893.6	4896.2	4912.8	4929.1	4979.1	5029.0
20°	5131.0	5067.2	5003.2	4982.8	4962.4	4955.9	4962.4	4982.8	5003.2	5067.2	5131.0
22.5°	5134.7	5067.4	5000.0	4977.4	4954.9	4945.2	4954.9	4977.4	5000.0	5067.4	5134.7
25°	5030.7	4972.3	4914.0	4892.8	4871.7	4859.3	4871.7	4892.8	4914.0	4972.3	5030.7
27.5°	4827.0	4787.9	4748.6	4739.0	4729.3	4726.1	4729.3	4739.0	4748.6	4787.9	4827.0
30°	4576.1	4556.2	4536.0	4536.0	4536.0	4539.2	4536.0	4536.0	4536.0	4556.2	4576.1
32.5°	4324.4	4311.3	4298.2	4299.9	4301.8	4305.0	4301.8	4299.9	4298.2	4311.3	4324.4
35°	4102.0	4082.0	4062.3	4058.0	4053.7	4051.5	4053.7	4058.0	4062.3	4082.0	4102.0
37.5°	3913.0	3876.7	3840.6	3821.5	3802.3	3791.6	3802.3	3821.5	3840.6	3876.7	3913.0
40°	3739.6	3686.8	3634.4	3598.7	3563.5	3542.4	3563.5	3598.7	3634.4	3686.8	3739.6
42.5°	3563.9	3498.4	3432.8	3381.1	3329.3	3295.4	3329.3	3381.1	3432.8	3498.4	3563.9
45°	3391.0	3316.0	3241.2	3180.4	3119.6	3080.5	3119.6	3180.4	3241.2	3316.0	3391.0
47.5°	3254.1	3187.5	3120.9	3064.6	3008.6	2971.0	3008.6	3064.6	3120.9	3187.5	3254.1
50°	3172.5	3119.2	3065.9	3013.9	2962.0	2925.9	2962.0	3013.9	3065.9	3119.2	3172.5
52.5°	3117.5	3074.1	3030.7	2984.1	2937.7	2904.4	2937.7	2984.1	3030.7	3074.1	3117.5
55°	3065.9	3028.1	2990.3	2949.5	2908.7	2878.6	2908.7	2949.5	2990.3	3028.1	3065.9
57.5°	3011.4	2973.1	2934.9	2894.5	2853.9	2822.8	2853.9	2894.5	2934.9	2973.1	3011.4
60°	2935.5	2898.2	2861.0	2819.3	2777.6	2745.4	2777.6	2819.3	2861.0	2898.2	2935.5
62.5°	2814.6	2780.9	2747.1	2703.3	2659.5	2620.8	2659.5	2703.3	2747.1	2780.9	2814.6
65°	2651.3	2618.9	2586.5	2543.9	2501.6	2468.3	2501.6	2543.9	2586.5	2618.9	2651.3
67.5°	2465.1	2435.2	2405.6	2366.0	2326.5	2296.4	2326.5	2366.0	2405.6	2435.2	2465.1
70°	2265.9	2241.7	2217.4	2179.6	2141.8	2107.4	2141.8	2179.6	2217.4	2241.7	2265.9
72.5°	2046.8	2026.6	2006.4	1970.3	1934.5	1901.2	1934.5	1970.3	2006.4	2026.6	2046.8
75°	1785.6	1775.7	1765.8	1735.5	1705.3	1673.5	1705.3	1735.5	1765.8	1775.7	1785.6
77.5°	1532.1	1518.4	1504.2	1473.7	1443.2	1417.8	1443.2	1473.7	1504.2	1518.4	1532.1
80°	1246.0	1240.0	1234.2	1193.1	1151.9	1104.2	1151.9	1193.1	1234.2	1240.0	1246.0
82.5°	930.2	927.6	924.8	890.2	855.4	824.9	855.4	890.2	924.8	927.6	930.2
85°	590.8	586.5	582.2	555.1	528.0	500.5	528.0	555.1	582.2	586.5	590.8
87.5°	256.1	250.9	245.3	231.6	217.4	204.1	217.4	231.6	245.3	250.9	256.1
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: P956308

CATALOG NUMBER: GALN-SB9A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	5182.6	5203.0	5228.3	5253.5	5285.9	5318.6	5351.0	5383.4	5420.4	5457.5	5498.6
5°	4876.2	4904.4	4944.8	4984.9	5037.4	5089.6	5147.1	5204.7	5269.8	5335.1	5413.1
7.5°	4692.6	4726.1	4773.8	4821.7	4885.5	4949.5	5022.1	5094.5	5180.4	5266.4	5369.7
10°	4639.7	4677.1	4734.5	4791.6	4863.6	4935.5	5013.7	5091.7	5177.6	5263.6	5372.7
12.5°	4734.7	4783.0	4856.0	4929.1	5003.4	5078.0	5139.0	5200.4	5257.1	5314.3	5403.2
15°	4934.5	5007.9	5111.9	5215.9	5280.5	5345.2	5361.1	5377.0	5369.3	5361.5	5404.1
17.5°	5137.2	5245.5	5383.2	5520.9	5572.9	5625.1	5575.5	5525.6	5432.0	5338.3	5322.8
20°	5263.6	5396.3	5553.6	5711.0	5735.3	5759.4	5655.2	5551.0	5388.2	5225.5	5152.5
22.5°	5271.5	5408.1	5558.5	5708.9	5694.5	5679.9	5544.3	5408.8	5222.7	5037.1	4929.1
25°	5151.9	5273.4	5396.5	5519.8	5470.2	5420.4	5287.0	5153.6	4986.4	4819.5	4694.9
27.5°	4921.3	5015.7	5103.3	5191.2	5135.5	5080.1	4973.1	4866.1	4729.1	4591.8	4471.5
30°	4644.0	4711.5	4778.5	4845.3	4800.2	4755.1	4666.1	4577.4	4463.6	4349.7	4253.9
32.5°	4378.3	4432.2	4493.9	4555.3	4505.0	4455.0	4369.7	4284.6	4193.5	4102.7	4046.2
35°	4151.6	4201.5	4245.1	4288.9	4228.8	4168.6	4084.2	4000.0	3930.8	3861.4	3845.7
37.5°	3958.9	4004.7	4024.9	4045.1	3970.8	3896.4	3812.2	3728.2	3678.6	3628.8	3646.0
40°	3778.5	3817.4	3812.7	3807.7	3722.0	3636.5	3555.3	3474.1	3438.2	3402.3	3441.2
42.5°	3596.5	3629.4	3604.7	3580.0	3487.6	3395.3	3318.1	3241.2	3211.8	3182.6	3234.1
45°	3420.4	3450.0	3414.6	3379.1	3283.3	3187.5	3114.5	3041.4	3016.5	2992.0	3042.1
47.5°	3274.7	3295.4	3254.5	3213.7	3119.2	3024.7	2953.4	2881.8	2858.8	2835.6	2877.8
50°	3173.3	3174.6	3122.2	3069.8	2985.2	2900.5	2833.3	2765.8	2729.5	2693.4	2730.6
52.5°	3106.3	3095.1	3033.1	2971.0	2891.9	2813.1	2751.4	2689.6	2635.4	2581.1	2617.8
55°	3050.5	3035.0	2969.0	2903.3	2834.4	2765.2	2698.6	2632.0	2555.1	2478.0	2536.2
57.5°	2995.7	2980.0	2913.8	2847.5	2778.9	2710.6	2632.4	2554.2	2471.3	2388.4	2473.5
60°	2918.4	2901.2	2834.6	2768.0	2698.4	2629.0	2539.2	2449.4	2376.8	2304.0	2414.4
62.5°	2798.1	2781.5	2720.5	2659.5	2585.4	2511.3	2406.4	2301.8	2255.6	2209.4	2347.1
65°	2634.6	2617.6	2563.9	2510.2	2439.3	2368.4	2256.1	2143.9	2126.3	2108.5	2255.2
67.5°	2448.8	2432.2	2385.8	2339.4	2272.4	2205.1	2101.4	1997.8	2003.4	2009.0	2131.0
70°	2250.0	2234.1	2192.3	2150.4	2092.4	2034.4	1943.3	1852.2	1871.5	1890.9	1977.6
72.5°	2027.9	2009.0	1968.0	1926.9	1874.5	1822.1	1750.6	1678.8	1707.0	1735.3	1794.8
75°	1765.8	1746.1	1708.7	1671.3	1623.8	1576.4	1523.1	1469.8	1497.1	1524.2	1570.1
77.5°	1513.6	1495.2	1456.1	1416.7	1375.9	1335.1	1291.9	1248.5	1276.0	1303.5	1340.3
80°	1221.5	1197.0	1167.3	1137.5	1103.1	1068.7	1032.9	996.8	1020.0	1043.0	1073.9
82.5°	888.5	846.8	783.2	719.7	731.7	743.7	746.7	749.7	766.1	782.4	797.4
85°	539.2	487.6	427.9	368.4	401.7	435.0	450.7	466.2	484.4	502.7	518.8
87.5°	235.2	214.4	189.3	164.3	189.9	215.3	215.9	216.5	220.0	223.4	229.9
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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CATALOG NUMBER: GALN-SB9A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	5539.8	5590.7	5636.5	5683.7	5731.0	5780.4	5829.8	5878.8	5928.0	5974.2	6020.4
5°	5490.8	5580.0	5670.2	5765.8	5861.4	5963.7	6066.1	6167.7	6269.6	6371.6	6473.6
7.5°	5473.2	5588.6	5711.7	5845.1	5978.5	6129.9	6281.4	6436.9	6592.4	6760.7	6929.1
10°	5481.8	5605.8	5757.6	5915.8	6073.4	6257.5	6441.4	6646.8	6852.4	7065.3	7278.2
12.5°	5492.6	5607.9	5767.5	5946.0	6124.6	6341.5	6558.5	6791.4	7024.2	7258.0	7491.9
15°	5446.8	5539.2	5716.0	5922.6	6129.3	6379.1	6629.0	6881.6	7134.2	7378.0	7621.9
17.5°	5307.2	5364.1	5572.0	5820.6	6069.1	6359.1	6649.2	6924.8	7200.4	7447.6	7694.9
20°	5079.5	5094.5	5336.6	5644.7	5952.7	6304.2	6655.6	6958.5	7261.4	7518.5	7775.5
22.5°	4821.0	4791.6	5067.2	5438.2	5809.2	6236.7	6664.2	7004.0	7343.7	7606.4	7868.9
25°	4570.3	4490.8	4773.3	5207.7	5642.3	6170.1	6698.1	7086.5	7474.7	7731.9	7989.2
27.5°	4351.2	4254.5	4511.7	4997.0	5482.2	6125.6	6769.0	7215.4	7661.6	7907.2	8152.5
30°	4158.5	4082.7	4298.6	4820.8	5343.0	6104.8	6866.1	7382.3	7898.6	8135.5	8372.7
32.5°	3989.7	3955.9	4129.9	4668.9	5207.7	6079.0	6949.9	7556.6	8163.2	8397.8	8632.6
35°	3830.3	3844.2	3989.2	4519.6	5050.0	6030.5	7011.3	7755.1	8498.8	8723.7	8948.4
37.5°	3663.1	3714.3	3841.0	4343.9	4846.8	5947.3	7047.9	7977.4	8906.9	9193.5	9480.1
40°	3480.1	3558.5	3673.4	4134.2	4595.0	5832.8	7070.9	8259.7	9448.3	9865.9	10283.5
42.5°	3285.7	3384.5	3490.4	3902.9	4315.3	5714.7	7114.5	8629.0	10143.4	10746.2	11349.0
45°	3092.4	3188.0	3295.4	3657.1	4018.9	5604.9	7191.2	9114.9	11038.6	11851.7	12664.8
47.5°	2919.9	3002.1	3140.7	3462.7	3784.7	5514.3	7243.8	9632.6	12021.4	13166.0	14310.3
50°	2768.0	2863.6	3045.7	3333.6	3621.5	5415.4	7209.4	10112.9	13016.5	14741.9	16467.1
52.5°	2654.8	2788.4	2997.8	3248.5	3499.4	5248.5	6997.8	10424.9	13851.7	16397.3	18943.0
55°	2594.6	2795.9	2990.7	3186.9	3383.0	4971.8	6560.7	10356.1	14151.4	17865.0	21578.8
57.5°	2558.5	2803.4	2975.3	3113.8	3252.4	4581.7	5910.8	9872.3	13834.1	18905.2	23976.2
60°	2524.6	2779.8	2893.2	3002.1	3111.0	4075.2	5039.3	8972.0	12904.8	19165.1	25425.2
62.5°	2485.1	2721.8	2735.8	2807.9	2880.3	3468.9	4057.6	7754.6	11451.7	18070.6	24689.4
65°	2401.7	2582.2	2580.4	2614.6	2648.8	2923.5	3198.3	6512.5	9827.0	16521.9	23216.8
67.5°	2253.0	2354.4	2359.2	2340.3	2321.1	2399.3	2477.3	5295.8	8114.2	14679.0	21243.7
70°	2064.4	2097.7	2097.7	2009.4	1920.9	1898.8	1876.5	4169.7	6462.9	12668.0	18873.2
72.5°	1854.3	1853.9	1832.9	1707.6	1582.2	1514.7	1447.5	3187.7	4928.0	10488.0	16048.2
75°	1615.9	1624.1	1527.0	1386.5	1246.0	1185.0	1123.9	2313.6	3503.3	7989.0	12474.7
77.5°	1377.0	1381.3	1221.3	1084.8	948.4	906.8	865.3	1567.8	2270.2	5591.6	8912.9
80°	1104.6	1105.3	914.1	798.7	683.1	665.9	648.8	1010.1	1371.6	3602.6	5833.5
82.5°	812.5	803.4	640.2	555.1	470.0	466.6	463.6	621.3	779.4	2085.1	3391.0
85°	534.9	523.1	401.7	339.4	277.1	278.8	280.3	332.1	384.1	937.9	1491.9
87.5°	236.3	221.3	170.8	145.2	119.9	121.4	122.9	137.7	152.5	307.2	461.9
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: P956308

CATALOG NUMBER: GALN-SB9A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	6043.1	6066.1	6098.6	6131.0	6150.3	6169.7	6179.3	6189.0	6184.7	6189.0	6179.3
5°	6553.3	6633.3	6712.3	6791.6	6834.5	6877.5	6903.5	6929.7	6949.5	6929.7	6903.5
7.5°	7058.8	7188.4	7305.0	7421.7	7491.9	7562.1	7600.2	7638.0	7656.2	7638.0	7600.2
10°	7431.5	7584.9	7721.8	7858.6	7941.5	8024.0	8061.0	8097.7	8111.7	8097.7	8061.0
12.5°	7658.2	7824.2	7948.0	8071.3	8131.4	8191.6	8211.8	8232.0	8234.1	8232.0	8211.8
15°	7765.4	7908.7	7986.2	8064.0	8066.1	8068.3	8046.8	8025.3	8000.0	8025.3	8046.8
17.5°	7791.8	7888.7	7890.2	7891.5	7804.5	7717.5	7637.8	7557.9	7501.6	7557.9	7637.8
20°	7809.2	7843.1	7741.1	7639.1	7447.0	7255.0	7115.1	6975.3	6889.3	6975.3	7115.1
22.5°	7824.7	7780.4	7569.0	7357.6	7075.1	6792.7	6617.8	6442.9	6348.0	6442.9	6617.8
25°	7849.6	7709.9	7389.0	7068.1	6725.0	6381.9	6198.0	6014.6	5924.8	6014.6	6198.0
27.5°	7902.9	7653.0	7227.9	6803.0	6422.7	6042.5	5861.6	5681.0	5596.1	5681.0	5861.6
30°	8000.4	7628.3	7105.0	6581.7	6185.6	5789.4	5621.7	5453.9	5374.8	5453.9	5621.7
32.5°	8122.8	7613.3	7021.2	6429.2	6056.9	5684.6	5552.9	5421.0	5364.1	5421.0	5552.9
35°	8324.6	7700.9	7084.0	6467.2	6208.6	5950.1	5919.4	5888.7	5884.0	5888.7	5919.4
37.5°	8746.2	8012.4	7451.7	6891.0	6874.3	6857.5	6998.0	7138.5	7211.6	7138.5	6998.0
40°	9485.4	8687.4	8270.4	7853.4	8147.8	8442.1	8783.6	9125.2	9295.3	9125.2	8783.6
42.5°	10557.2	9765.4	9525.2	9285.0	9926.9	10568.8	11190.1	11811.3	12176.1	11811.3	11190.1
45°	11953.5	11242.0	11136.1	11030.0	12058.4	13086.9	14107.8	15128.8	15748.6	15128.8	14107.8
47.5°	13618.4	12926.2	12904.8	12883.3	14366.8	15850.0	17344.5	18838.8	19716.3	18838.8	17344.5
50°	15612.4	14757.8	14761.5	14765.1	16677.0	18588.9	20561.6	22534.4	23727.0	22534.4	20561.6
52.5°	17908.0	16873.2	16768.5	16663.7	18947.5	21231.2	23672.1	26112.6	27542.3	26112.6	23672.1
55°	20556.3	19533.7	19125.8	18717.8	21259.6	23801.2	26710.9	29620.7	31321.0	29620.7	26710.9
57.5°	23419.4	22862.4	22044.1	21226.1	23792.6	26359.0	29654.8	32950.4	35058.9	32950.4	29654.8
60°	26290.1	27155.2	26139.1	25123.0	27551.7	29980.5	33509.2	37037.8	39316.6	37037.8	33509.2
62.5°	27052.7	29415.9	29301.5	29186.7	31411.6	33636.8	36994.0	40351.0	42457.3	40351.0	36994.0
65°	25434.9	27652.9	28091.8	28530.5	31357.9	34185.6	37441.0	40696.2	42489.6	40696.2	37441.0
67.5°	23353.3	25462.8	25668.6	25874.2	28820.2	31766.1	35035.5	38304.8	39709.8	38304.8	35035.5
70°	21167.7	23462.4	23554.3	23646.5	26281.1	28915.4	31728.9	34542.2	35323.1	34542.2	31728.9
72.5°	18681.3	21314.6	21380.8	21446.7	23507.9	25569.1	27676.3	29783.3	29862.3	29783.3	27676.3
75°	15199.9	17925.1	18169.8	18414.5	20018.1	21621.8	23105.1	24588.5	24191.1	24588.5	23105.1
77.5°	11456.9	14001.0	14351.2	14701.3	15920.4	17139.5	18191.5	19243.7	18560.6	19243.7	18191.5
80°	7973.7	10113.8	10549.0	10984.3	11905.0	12825.3	13377.8	13930.1	12831.3	13930.1	13377.8
82.5°	4854.1	6317.5	6803.6	7290.0	7923.7	8557.4	8787.9	9018.2	8154.6	9018.2	8787.9
85°	2268.5	3045.1	3458.6	3872.2	4392.9	4913.4	5044.2	5175.1	4483.3	5175.1	5044.2
87.5°	722.9	983.9	1214.6	1445.3	1705.7	1966.0	1977.2	1988.2	1669.2	1988.2	1977.2
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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CATALOG NUMBER: GALN-SB9A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	6169.7	6150.3	6131.0	6098.6	6066.1	6043.1	6020.4
5°	6877.5	6834.5	6791.6	6712.3	6633.3	6553.3	6473.6
7.5°	7562.1	7491.9	7421.7	7305.0	7188.4	7058.8	6929.1
10°	8024.0	7941.5	7858.6	7721.8	7584.9	7431.5	7278.2
12.5°	8191.6	8131.4	8071.3	7948.0	7824.2	7658.2	7491.9
15°	8068.3	8066.1	8064.0	7986.2	7908.7	7765.4	7621.9
17.5°	7717.5	7804.5	7891.5	7890.2	7888.7	7791.8	7694.9
20°	7255.0	7447.0	7639.1	7741.1	7843.1	7809.2	7775.5
22.5°	6792.7	7075.1	7357.6	7569.0	7780.4	7824.7	7868.9
25°	6381.9	6725.0	7068.1	7389.0	7709.9	7849.6	7989.2
27.5°	6042.5	6422.7	6803.0	7227.9	7653.0	7902.9	8152.5
30°	5789.4	6185.6	6581.7	7105.0	7628.3	8000.4	8372.7
32.5°	5684.6	6056.9	6429.2	7021.2	7613.3	8122.8	8632.6
35°	5950.1	6208.6	6467.2	7084.0	7700.9	8324.6	8948.4
37.5°	6857.5	6874.3	6891.0	7451.7	8012.4	8746.2	9480.1
40°	8442.1	8147.8	7853.4	8270.4	8687.4	9485.4	10283.5
42.5°	10568.8	9926.9	9285.0	9525.2	9765.4	10557.2	11349.0
45°	13086.9	12058.4	11030.0	11136.1	11242.0	11953.5	12664.8
47.5°	15850.0	14366.8	12883.3	12904.8	12926.2	13618.4	14310.3
50°	18588.9	16677.0	14765.1	14761.5	14757.8	15612.4	16467.1
52.5°	21231.2	18947.5	16663.7	16768.5	16873.2	17908.0	18943.0
55°	23801.2	21259.6	18717.8	19125.8	19533.7	20556.3	21578.8
57.5°	26359.0	23792.6	21226.1	22044.1	22862.4	23419.4	23976.2
60°	29980.5	27551.7	25123.0	26139.1	27155.2	26290.1	25425.2
62.5°	33636.8	31411.6	29186.7	29301.5	29415.9	27052.7	24689.4
65°	34185.6	31357.9	28530.5	28091.8	27652.9	25434.9	23216.8
67.5°	31766.1	28820.2	25874.2	25668.6	25462.8	23353.3	21243.7
70°	28915.4	26281.1	23646.5	23554.3	23462.4	21167.7	18873.2
72.5°	25569.1	23507.9	21446.7	21380.8	21314.6	18681.3	16048.2
75°	21621.8	20018.1	18414.5	18169.8	17925.1	15199.9	12474.7
77.5°	17139.5	15920.4	14701.3	14351.2	14001.0	11456.9	8912.9
80°	12825.3	11905.0	10984.3	10549.0	10113.8	7973.7	5833.5
82.5°	8557.4	7923.7	7290.0	6803.6	6317.5	4854.1	3391.0
85°	4913.4	4392.9	3872.2	3458.6	3045.1	2268.5	1491.9
87.5°	1966.0	1705.7	1445.3	1214.6	983.9	722.9	461.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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