

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: P949880

Luminaire Tested: **GALN-SB4C-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949880
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-SB4C-730-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29907 lumens
Efficiency: N/A
Efficacy: 149.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 200.7
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



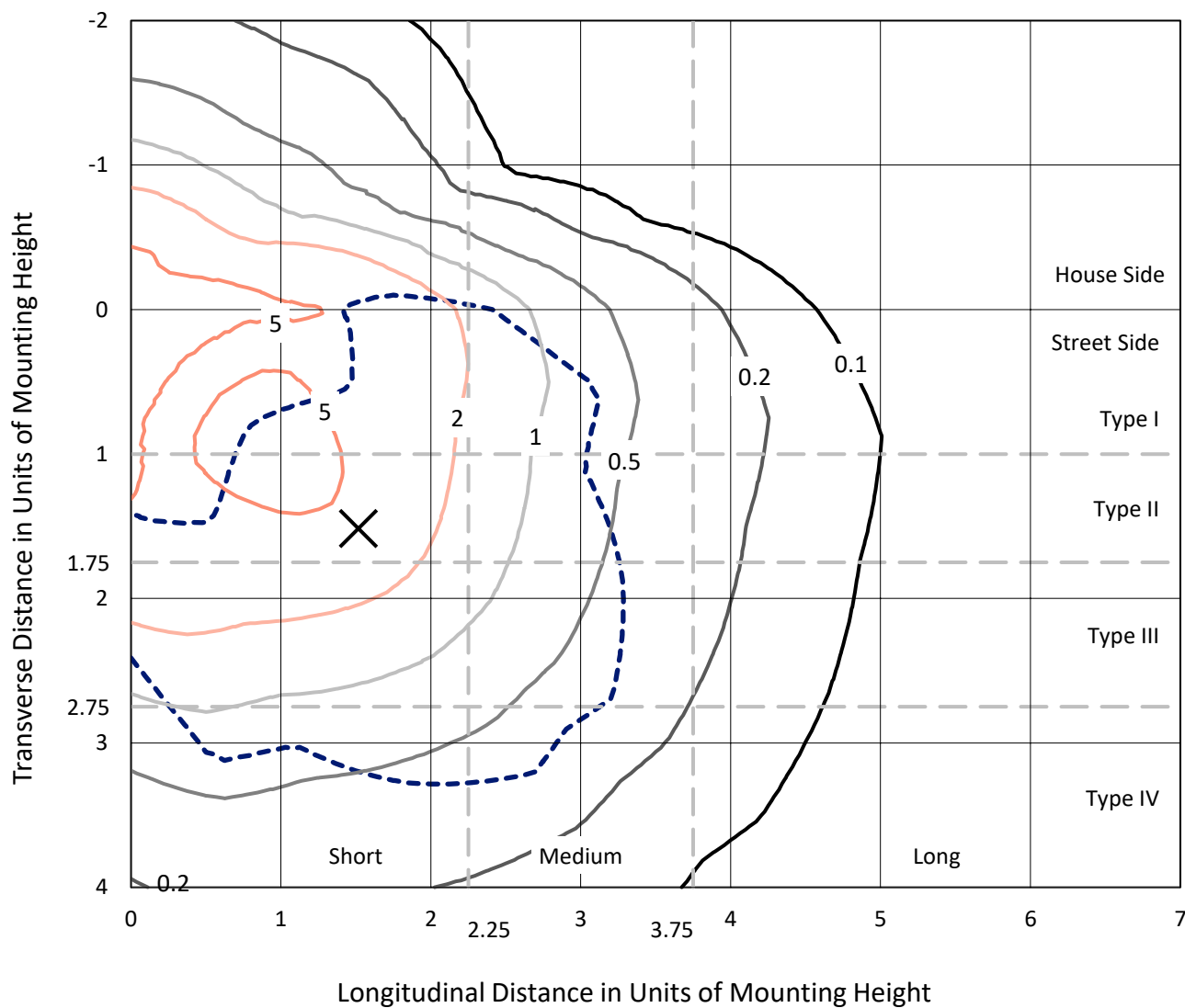
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



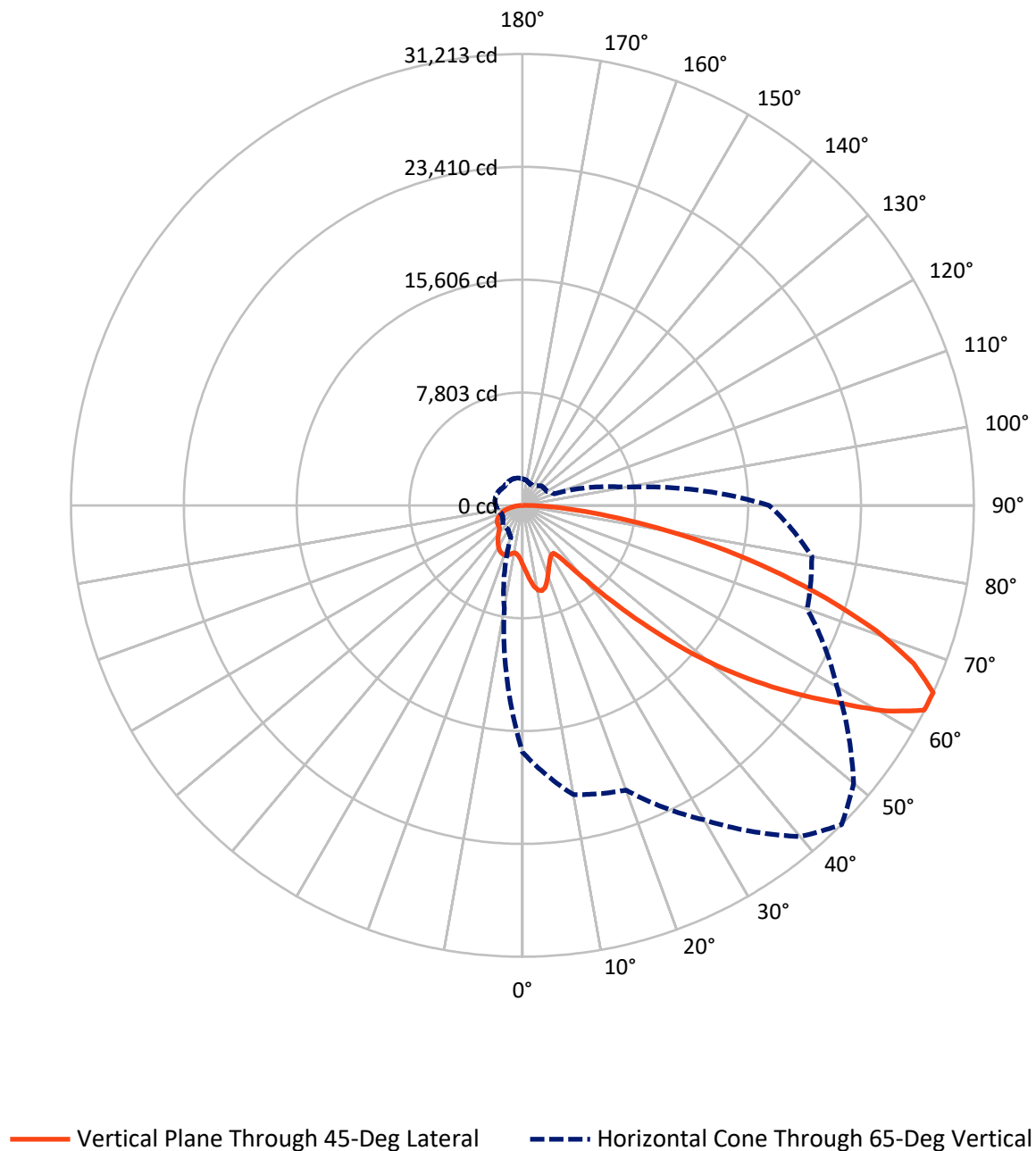
Based on 25 foot mounting height. Maximum calculated value = 9.1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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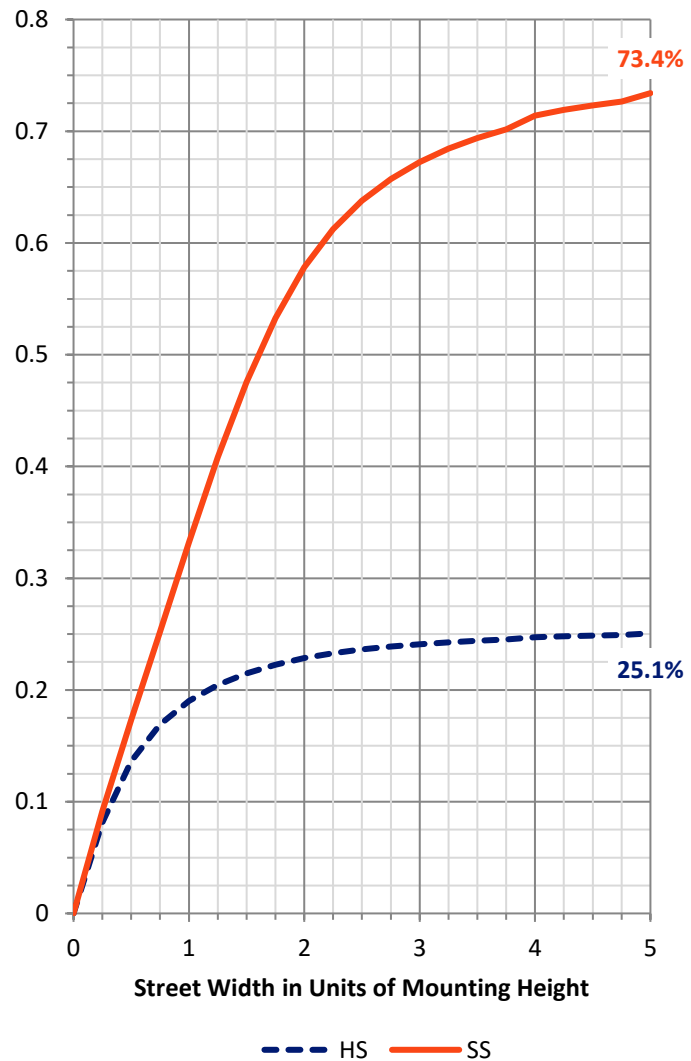
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7600.9	0.0	7600.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	22306.1	0.0	22306.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	29907.0	0.0	29907.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	408.0	1.4
10°-20°	1280.7	4.3
20°-30°	1978.2	6.6
30°-40°	2506.8	8.4
40°-50°	3780.9	12.6
50°-60°	6108.7	20.4
60°-70°	7615.4	25.5
70°-80°	4993.8	16.7
80°-90°	1234.6	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°	29907.0	100.0
0°-180°	29907.0	100.0

Coefficient of Utilization



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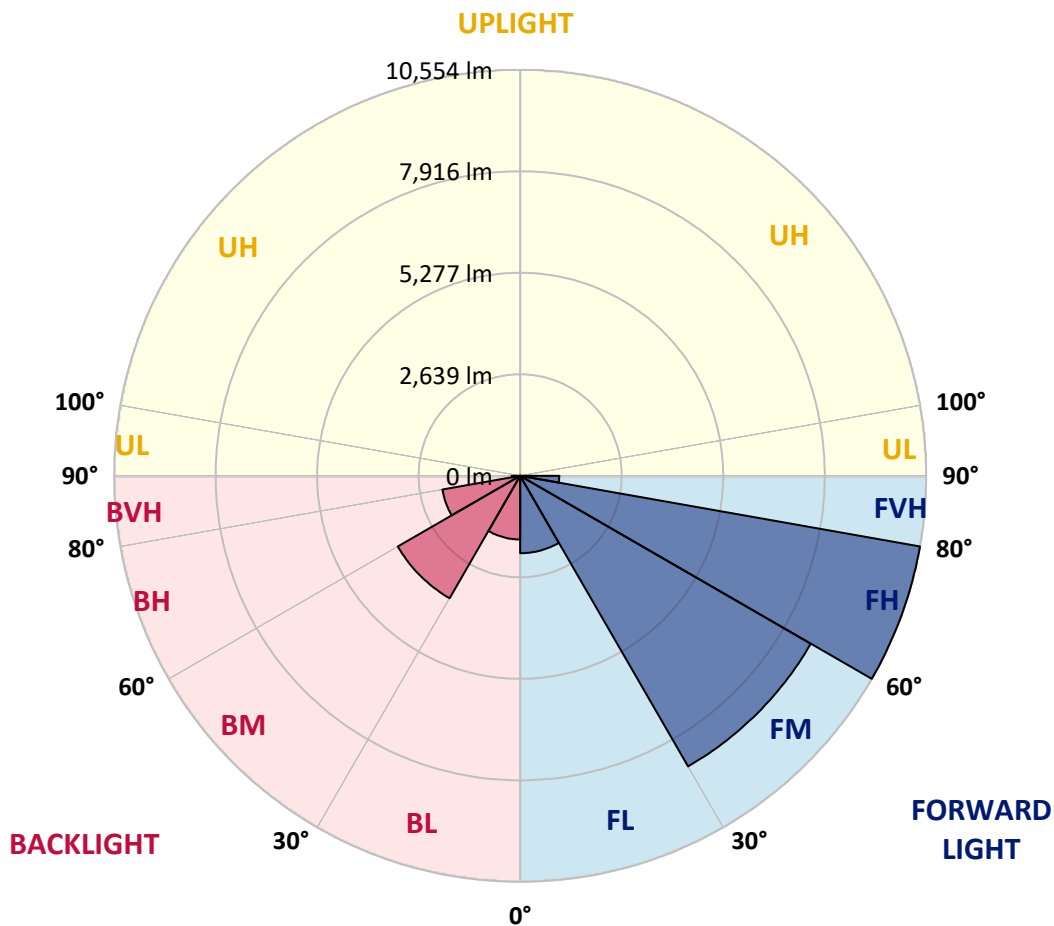
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2011.6	6.7			
FM	(30°-60°)	8723.2	29.2			
FH	(60°-80°)	10554.3	35.3			G4/12000
FVH	(80°-90°)	1017.0	3.4			G5
BL	(0°-30°)	1655.2	5.5	B3/2500		
BM	(30°-60°)	3673.2	12.3	B3/5000		
BH	(60°-80°)	2054.9	6.9	B3/2500		G3/2500
BVH	(80°-90°)	217.6	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	4422.6	4439.3	4456.2	4480.0	4503.8	4518.0	4532.2	4539.3	4546.4	4543.3	4546.4
5°	4755.5	4814.1	4872.8	4930.9	4989.1	5020.7	5052.2	5071.3	5090.6	5105.1	5090.6
7.5°	5090.1	5185.4	5280.6	5366.3	5451.9	5503.5	5555.1	5583.1	5610.9	5624.3	5610.9
10°	5346.5	5459.2	5571.9	5672.4	5772.9	5833.8	5894.4	5921.6	5948.6	5958.8	5948.6
12.5°	5503.5	5625.7	5747.7	5838.6	5929.2	5973.3	6017.5	6032.4	6047.2	6048.8	6047.2
15°	5599.0	5704.4	5809.7	5866.7	5923.8	5925.4	5926.9	5911.2	5895.4	5876.8	5895.4
17.5°	5652.7	5723.8	5795.0	5796.1	5797.1	5733.2	5669.2	5610.7	5552.0	5510.6	5552.0
20°	5711.9	5736.6	5761.6	5686.6	5611.6	5470.6	5329.5	5226.8	5124.0	5060.9	5124.0
22.5°	5780.5	5748.0	5715.5	5560.2	5404.9	5197.4	4989.9	4861.4	4733.0	4663.2	4733.0
25°	5868.9	5766.3	5663.7	5428.0	5192.2	4940.2	4688.2	4553.1	4418.3	4352.3	4418.3
27.5°	5988.8	5805.4	5621.9	5309.6	4997.5	4718.1	4438.8	4305.9	4173.2	4110.9	4173.2
30°	6150.6	5877.1	5603.8	5219.3	4834.9	4543.9	4252.9	4129.7	4006.4	3948.4	4006.4
32.5°	6341.5	5967.0	5592.7	5157.8	4722.9	4449.4	4175.9	4079.2	3982.3	3940.5	3982.3
35°	6573.5	6115.2	5657.1	5203.9	4750.8	4560.8	4371.0	4348.4	4325.8	4322.4	4325.8
37.5°	6964.1	6425.0	5885.9	5474.0	5062.2	5049.8	5037.5	5140.7	5244.0	5297.6	5244.0
40°	7554.3	6968.0	6381.7	6075.4	5769.1	5985.3	6201.5	6452.4	6703.4	6828.3	6703.4
42.5°	8337.0	7755.3	7173.6	6997.2	6820.8	7292.3	7763.8	8220.2	8676.6	8944.5	8676.6
45°	9303.6	8781.1	8258.4	8180.6	8102.6	8858.1	9613.6	10363.6	11113.6	11568.9	11113.6
47.5°	10512.4	10004.1	9495.6	9479.8	9464.0	10553.9	11643.4	12741.2	13839.0	14483.6	13839.0
50°	12096.8	11468.8	10841.1	10843.8	10846.4	12250.9	13655.4	15104.6	16553.7	17429.9	16553.7
52.5°	13915.5	13155.2	12395.0	12318.2	12241.1	13918.8	15596.5	17389.5	19182.3	20232.5	19182.3
55°	15851.8	15100.6	14349.5	14049.8	13750.1	15617.3	17484.3	19621.8	21759.3	23008.4	21759.3
57.5°	17612.9	17203.9	16794.7	16193.6	15592.7	17478.0	19363.3	21784.4	24205.3	25754.2	24205.3
60°	18677.3	19312.7	19948.2	19201.7	18455.3	20239.5	22023.7	24615.8	27208.0	28882.0	27208.0
62.5°	18136.8	19872.9	21608.9	21524.8	21440.6	23075.0	24709.5	27175.8	29641.8	31189.1	29641.8
65°	17055.1	18684.4	20313.8	20636.2	20958.4	23035.5	25112.7	27504.2	29895.4	31212.8	29895.4
67.5°	15605.6	17155.3	18705.0	18856.1	19007.2	21171.3	23335.3	25737.0	28138.7	29170.8	28138.7
70°	13864.2	15549.7	17235.4	17303.0	17370.7	19306.0	21241.2	23308.0	25374.7	25948.3	25374.7
72.5°	11789.0	13723.3	15657.7	15706.3	15754.7	17268.9	18783.1	20331.0	21878.8	21936.9	21878.8
75°	9163.9	11165.8	13167.8	13347.5	13527.3	14705.3	15883.4	16973.0	18062.7	17770.7	18062.7
77.5°	6547.4	8416.2	10285.1	10542.3	10799.6	11695.1	12590.7	13363.5	14136.4	13634.6	14136.4
80°	4285.3	5857.5	7429.6	7749.3	8069.0	8745.4	9421.4	9827.3	10233.0	9425.9	10233.0
82.5°	2491.0	3565.8	4640.8	4997.9	5355.2	5820.7	6286.3	6455.6	6624.8	5990.4	6624.8
85°	1096.0	1666.4	2236.9	2540.7	2844.5	3227.0	3609.4	3705.5	3801.6	3293.4	3801.6
87.5°	339.3	531.0	722.8	892.2	1061.7	1253.0	1444.3	1452.5	1460.5	1226.2	1460.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	4539.3	4532.2	4518.0	4503.8	4480.0	4456.2	4439.3	4422.6	4388.6	4354.7	4318.6
5°	5071.3	5052.2	5020.7	4989.1	4930.9	4872.8	4814.1	4755.5	4680.6	4605.6	4530.8
7.5°	5583.1	5555.1	5503.5	5451.9	5366.3	5280.6	5185.4	5090.1	4966.4	4842.8	4728.6
10°	5921.6	5894.4	5833.8	5772.9	5672.4	5571.9	5459.2	5346.5	5190.1	5033.8	4882.7
12.5°	6032.4	6017.5	5973.3	5929.2	5838.6	5747.7	5625.7	5503.5	5331.7	5160.0	4988.9
15°	5911.2	5926.9	5925.4	5923.8	5866.7	5809.7	5704.4	5599.0	5419.9	5240.8	5055.2
17.5°	5610.7	5669.2	5733.2	5797.1	5796.1	5795.0	5723.8	5652.7	5471.0	5289.4	5086.9
20°	5226.8	5329.5	5470.6	5611.6	5686.6	5761.6	5736.6	5711.9	5523.1	5334.2	5111.7
22.5°	4861.4	4989.9	5197.4	5404.9	5560.2	5715.5	5748.0	5780.5	5587.7	5394.7	5145.2
25°	4553.1	4688.2	4940.2	5192.2	5428.0	5663.7	5766.3	5868.9	5679.8	5490.9	5205.8
27.5°	4305.9	4438.8	4718.1	4997.5	5309.6	5621.9	5805.4	5988.8	5808.6	5628.2	5300.4
30°	4129.7	4252.9	4543.9	4834.9	5219.3	5603.8	5877.1	6150.6	5976.3	5802.3	5423.1
32.5°	4079.2	4175.9	4449.4	4722.9	5157.8	5592.7	5967.0	6341.5	6169.0	5996.7	5551.0
35°	4348.4	4371.0	4560.8	4750.8	5203.9	5657.1	6115.2	6573.5	6408.4	6243.2	5696.9
37.5°	5140.7	5037.5	5049.8	5062.2	5474.0	5885.9	6425.0	6964.1	6753.5	6543.0	5860.2
40°	6452.4	6201.5	5985.3	5769.1	6075.4	6381.7	6968.0	7554.3	7247.5	6940.7	6067.6
42.5°	8220.2	7763.8	7292.3	6820.8	6997.2	7173.6	7755.3	8337.0	7894.2	7451.4	6338.8
45°	10363.6	9613.6	8858.1	8102.6	8180.6	8258.4	8781.1	9303.6	8706.3	8109.0	6695.8
47.5°	12741.2	11643.4	10553.9	9464.0	9479.8	9495.6	10004.1	10512.4	9671.7	8830.9	7076.1
50°	15104.6	13655.4	12250.9	10846.4	10843.8	10841.1	11468.8	12096.8	10829.4	9561.9	7429.0
52.5°	17389.5	15596.5	13918.8	12241.1	12318.2	12395.0	13155.2	13915.5	12045.5	10175.4	7658.1
55°	19621.8	17484.3	15617.3	13750.1	14049.8	14349.5	15100.6	15851.8	13123.6	10395.6	7607.6
57.5°	21784.4	19363.3	17478.0	15592.7	16193.6	16794.7	17203.9	17612.9	13887.7	10162.5	7252.2
60°	24615.8	22023.7	20239.5	18455.3	19201.7	19948.2	19312.7	18677.3	14078.7	9479.8	6590.8
62.5°	27175.8	24709.5	23075.0	21440.6	21524.8	21608.9	19872.9	18136.8	13274.6	8412.4	5696.5
65°	27504.2	25112.7	23035.5	20958.4	20636.2	20313.8	18684.4	17055.1	12137.0	7218.9	4784.1
67.5°	25737.0	23335.3	21171.3	19007.2	18856.1	18705.0	17155.3	15605.6	10783.2	5960.7	3890.3
70°	23308.0	21241.2	19306.0	17370.7	17303.0	17235.4	15549.7	13864.2	9305.9	4747.6	3063.0
72.5°	20331.0	18783.1	17268.9	15754.7	15706.3	15657.7	13723.3	11789.0	7704.5	3620.1	2341.7
75°	16973.0	15883.4	14705.3	13527.3	13347.5	13167.8	11165.8	9163.9	5868.7	2573.5	1699.6
77.5°	13363.5	12590.7	11695.1	10799.6	10542.3	10285.1	8416.2	6547.4	4107.6	1667.7	1151.7
80°	9827.3	9421.4	8745.4	8069.0	7749.3	7429.6	5857.5	4285.3	2646.4	1007.6	742.0
82.5°	6455.6	6286.3	5820.7	5355.2	4997.9	4640.8	3565.8	2491.0	1531.7	572.5	456.4
85°	3705.5	3609.4	3227.0	2844.5	2540.7	2236.9	1666.4	1096.0	689.0	282.2	244.0
87.5°	1452.5	1444.3	1253.0	1061.7	892.2	722.8	531.0	339.3	225.7	112.0	101.2
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°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	4282.6	4246.3	4210.0	4175.3	4140.6	4106.9	4069.5	4039.2	4009.1	3981.8	3954.7
5°	4456.2	4380.9	4305.8	4235.6	4165.3	4099.1	4033.6	3976.4	3919.2	3871.2	3823.4
7.5°	4614.3	4503.0	4391.8	4293.8	4195.8	4105.4	4020.6	3944.6	3868.7	3805.5	3742.4
10°	4731.9	4596.8	4461.5	4345.7	4229.6	4118.0	4026.9	3946.8	3866.6	3803.5	3740.4
12.5°	4817.9	4658.5	4499.1	4368.0	4236.8	4119.6	4034.8	3969.2	3903.8	3861.9	3820.2
15°	4869.6	4686.1	4502.6	4350.8	4198.9	4069.1	4001.2	3969.8	3938.6	3944.2	3949.9
17.5°	4884.5	4671.4	4458.4	4275.8	4093.2	3940.5	3898.6	3910.2	3921.5	3990.3	4059.1
20°	4889.2	4631.0	4372.9	4146.6	3920.3	3742.4	3731.4	3785.0	3838.7	3958.1	4077.8
22.5°	4895.5	4581.5	4267.4	3994.9	3722.4	3519.9	3541.5	3620.9	3700.3	3836.6	3973.3
25°	4920.4	4532.6	4144.8	3825.6	3506.5	3299.0	3357.4	3448.9	3540.4	3663.0	3785.8
27.5°	4972.5	4499.9	4027.3	3670.8	3314.3	3125.4	3196.4	3284.8	3373.1	3474.0	3574.7
30°	5043.9	4484.6	3925.0	3541.4	3157.7	2999.1	3054.8	3124.9	3195.3	3278.9	3362.6
32.5°	5105.4	4465.6	3825.6	3429.8	3033.9	2906.0	2930.8	2972.3	3013.8	3080.6	3147.5
35°	5150.5	4430.0	3709.7	3320.1	2930.5	2824.0	2813.7	2825.1	2836.6	2887.6	2938.4
37.5°	5177.4	4368.9	3560.5	3191.0	2821.6	2728.5	2690.9	2678.3	2665.7	2702.3	2738.8
40°	5194.2	4284.8	3375.5	3037.0	2698.5	2614.1	2556.5	2527.9	2499.4	2525.7	2552.1
42.5°	5226.3	4198.0	3170.0	2867.1	2564.1	2486.3	2413.7	2375.8	2337.9	2359.4	2381.0
45°	5282.6	4117.4	2952.3	2686.5	2420.8	2341.9	2271.6	2234.7	2197.9	2215.9	2234.2
47.5°	5321.3	4050.8	2780.3	2543.7	2307.1	2205.4	2144.9	2114.0	2083.1	2100.1	2117.0
50°	5296.0	3978.2	2660.3	2448.9	2237.4	2103.6	2033.4	2005.9	1978.6	2005.1	2031.8
52.5°	5140.6	3855.6	2570.7	2386.4	2202.2	2048.3	1950.2	1923.0	1896.1	1936.0	1975.8
55°	4819.4	3652.3	2485.2	2341.1	2197.0	2053.9	1906.0	1863.1	1820.3	1877.0	1933.5
57.5°	4342.1	3365.7	2389.2	2287.4	2185.6	2059.4	1879.5	1817.0	1754.5	1815.4	1876.3
60°	3701.9	2993.6	2285.4	2205.4	2125.4	2042.0	1854.6	1773.6	1692.5	1746.0	1799.3
62.5°	2980.7	2548.3	2115.9	2062.7	2009.7	1999.4	1825.5	1724.2	1623.1	1657.0	1690.9
65°	2349.4	2147.6	1945.8	1920.7	1895.6	1896.8	1764.3	1656.7	1548.9	1562.0	1574.9
67.5°	1819.8	1762.6	1705.1	1719.2	1733.0	1729.6	1655.1	1565.5	1475.8	1471.7	1467.6
70°	1378.5	1394.9	1411.1	1476.1	1541.0	1541.0	1516.5	1452.8	1389.0	1374.8	1360.6
72.5°	1063.3	1112.7	1162.3	1254.4	1346.4	1361.9	1362.2	1318.5	1274.8	1253.9	1233.3
75°	825.7	870.5	915.3	1018.5	1121.7	1193.0	1187.0	1153.4	1119.6	1099.8	1079.7
77.5°	635.6	666.1	696.7	796.9	897.1	1014.7	1011.5	984.6	957.6	937.4	917.2
80°	476.6	489.2	501.8	586.7	671.5	811.9	811.4	788.9	766.2	749.3	732.2
82.5°	340.5	342.8	345.3	407.8	470.3	590.2	596.8	585.8	574.7	562.7	550.7
85°	205.9	204.8	203.6	249.3	295.1	384.3	392.9	381.1	369.3	355.9	342.4
87.5°	90.3	89.2	88.1	106.7	125.5	162.5	173.6	168.9	164.1	161.6	159.1
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: P949880

CATALOG NUMBER: GALN-SB4C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	3930.8	3907.0	3883.0	3859.2	3840.7	3822.1	3807.1	3792.1	3780.4	3768.8	3758.0
5°	3781.1	3738.8	3700.4	3661.9	3632.4	3602.8	3582.1	3561.4	3546.7	3532.1	3520.8
7.5°	3689.2	3635.9	3588.9	3542.0	3506.8	3471.8	3447.2	3422.5	3405.6	3388.9	3378.8
10°	3683.1	3625.6	3572.8	3519.9	3477.9	3435.8	3408.3	3380.6	3364.6	3348.7	3340.2
12.5°	3775.1	3730.3	3675.5	3620.9	3567.2	3513.6	3478.1	3442.6	3424.7	3407.1	3399.8
15°	3938.3	3926.6	3879.1	3831.6	3755.2	3678.8	3624.8	3570.9	3546.1	3521.5	3512.0
17.5°	4095.7	4132.2	4093.8	4055.7	3954.5	3853.3	3773.8	3694.3	3657.7	3620.9	3608.9
20°	4154.3	4230.8	4213.2	4195.3	4079.6	3964.1	3866.6	3769.2	3722.4	3675.3	3660.4
22.5°	4072.9	4172.4	4183.2	4193.7	4083.3	3972.8	3872.4	3771.9	3722.5	3673.0	3656.4
25°	3883.8	3981.8	4018.4	4054.9	3964.3	3873.9	3784.5	3695.5	3652.6	3609.9	3594.2
27.5°	3653.2	3731.8	3772.6	3813.4	3748.9	3684.5	3615.2	3545.9	3517.2	3488.3	3481.2
30°	3427.7	3493.1	3526.2	3559.4	3510.3	3461.0	3411.5	3361.6	3346.9	3332.1	3332.1
32.5°	3210.0	3272.6	3309.4	3346.3	3301.2	3255.9	3216.3	3176.7	3167.0	3157.4	3158.7
35°	3000.2	3062.3	3106.4	3150.6	3118.4	3086.4	3049.8	3013.3	2998.7	2984.1	2981.0
37.5°	2800.5	2862.3	2916.9	2971.5	2956.7	2941.9	2908.2	2874.5	2847.8	2821.3	2807.2
40°	2611.7	2671.4	2734.2	2797.1	2800.8	2804.2	2775.7	2747.1	2708.3	2669.8	2643.6
42.5°	2437.5	2494.2	2562.0	2629.9	2648.0	2666.2	2642.0	2618.0	2569.9	2521.8	2483.7
45°	2287.9	2341.6	2411.9	2482.3	2508.4	2534.4	2512.6	2491.0	2435.9	2381.0	2336.3
47.5°	2169.5	2221.9	2291.4	2360.8	2390.8	2420.8	2405.6	2390.5	2341.6	2292.6	2251.3
50°	2081.3	2130.7	2192.9	2255.1	2293.6	2332.1	2331.1	2330.5	2291.4	2252.2	2214.0
52.5°	2021.2	2066.5	2124.4	2182.5	2228.1	2273.7	2281.9	2290.1	2258.2	2226.4	2192.1
55°	1982.4	2031.3	2082.1	2132.8	2181.1	2229.5	2240.9	2252.2	2224.5	2196.7	2166.7
57.5°	1933.8	1991.2	2041.4	2091.7	2140.5	2189.1	2200.6	2212.1	2184.1	2156.0	2126.3
60°	1865.3	1931.3	1982.2	2033.4	2082.3	2131.2	2143.8	2156.4	2129.0	2101.7	2071.1
62.5°	1767.8	1844.8	1899.2	1953.7	1998.5	2043.3	2055.4	2067.6	2042.8	2018.0	1985.9
65°	1657.3	1739.8	1791.9	1844.0	1883.4	1922.9	1935.4	1947.7	1923.8	1900.0	1868.8
67.5°	1543.7	1619.9	1669.3	1718.5	1752.6	1786.7	1798.9	1810.8	1788.9	1767.1	1738.1
70°	1427.5	1494.4	1537.0	1579.7	1610.4	1641.2	1652.9	1664.6	1646.7	1628.9	1601.1
72.5°	1286.0	1338.5	1377.0	1415.5	1445.7	1475.8	1489.7	1503.6	1488.8	1473.9	1447.4
75°	1118.9	1158.0	1192.9	1227.7	1255.2	1282.7	1297.2	1311.7	1304.4	1297.2	1274.9
77.5°	949.1	980.8	1010.8	1040.7	1069.6	1098.3	1111.9	1125.5	1115.4	1105.0	1082.6
80°	758.7	785.1	810.3	835.6	857.5	879.3	897.3	915.3	910.9	906.6	876.5
82.5°	548.5	546.3	537.5	528.7	575.4	622.1	652.7	683.3	681.4	679.4	654.0
85°	331.1	319.6	295.1	270.6	314.4	358.2	396.1	434.0	430.8	427.7	407.8
87.5°	158.6	158.1	139.5	120.7	139.0	157.5	172.8	188.1	184.3	180.2	170.1
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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CATALOG NUMBER: GALN-SB4C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	3747.1	3733.7	3747.1	3758.0	3768.8	3780.4	3792.1	3807.1	3822.1	3840.7	3859.2
5°	3509.6	3498.6	3509.6	3520.8	3532.1	3546.7	3561.4	3582.1	3602.8	3632.4	3661.9
7.5°	3368.9	3361.3	3368.9	3378.8	3388.9	3405.6	3422.5	3447.2	3471.8	3506.8	3542.0
10°	3331.6	3328.2	3331.6	3340.2	3348.7	3364.6	3380.6	3408.3	3435.8	3477.9	3519.9
12.5°	3392.6	3391.3	3392.6	3399.8	3407.1	3424.7	3442.6	3478.1	3513.6	3567.2	3620.9
15°	3502.5	3501.8	3502.5	3512.0	3521.5	3546.1	3570.9	3624.8	3678.8	3755.2	3831.6
17.5°	3596.8	3594.9	3596.8	3608.9	3620.9	3657.7	3694.3	3773.8	3853.3	3954.5	4055.7
20°	3645.4	3640.6	3645.4	3660.4	3675.3	3722.4	3769.2	3866.6	3964.1	4079.6	4195.3
22.5°	3639.8	3632.7	3639.8	3656.4	3673.0	3722.5	3771.9	3872.4	3972.8	4083.3	4193.7
25°	3578.8	3569.6	3578.8	3594.2	3609.9	3652.6	3695.5	3784.5	3873.9	3964.3	4054.9
27.5°	3474.1	3471.8	3474.1	3481.2	3488.3	3517.2	3545.9	3615.2	3684.5	3748.9	3813.4
30°	3332.1	3334.5	3332.1	3332.1	3332.1	3346.9	3361.6	3411.5	3461.0	3510.3	3559.4
32.5°	3160.1	3162.5	3160.1	3158.7	3157.4	3167.0	3176.7	3216.3	3255.9	3301.2	3346.3
35°	2977.8	2976.3	2977.8	2981.0	2984.1	2998.7	3013.3	3049.8	3086.4	3118.4	3150.6
37.5°	2793.2	2785.3	2793.2	2807.2	2821.3	2847.8	2874.5	2908.2	2941.9	2956.7	2971.5
40°	2617.7	2602.2	2617.7	2643.6	2669.8	2708.3	2747.1	2775.7	2804.2	2800.8	2797.1
42.5°	2445.7	2420.8	2445.7	2483.7	2521.8	2569.9	2618.0	2642.0	2666.2	2648.0	2629.9
45°	2291.7	2263.0	2291.7	2336.3	2381.0	2435.9	2491.0	2512.6	2534.4	2508.4	2482.3
47.5°	2210.1	2182.5	2210.1	2251.3	2292.6	2341.6	2390.5	2405.6	2420.8	2390.8	2360.8
50°	2175.9	2149.3	2175.9	2214.0	2252.2	2291.4	2330.5	2331.1	2332.1	2293.6	2255.1
52.5°	2158.0	2133.6	2158.0	2192.1	2226.4	2258.2	2290.1	2281.9	2273.7	2228.1	2182.5
55°	2136.7	2114.6	2136.7	2166.7	2196.7	2224.5	2252.2	2240.9	2229.5	2181.1	2132.8
57.5°	2096.5	2073.6	2096.5	2126.3	2156.0	2184.1	2212.1	2200.6	2189.1	2140.5	2091.7
60°	2040.5	2016.8	2040.5	2071.1	2101.7	2129.0	2156.4	2143.8	2131.2	2082.3	2033.4
62.5°	1953.7	1925.3	1953.7	1985.9	2018.0	2042.8	2067.6	2055.4	2043.3	1998.5	1953.7
65°	1837.7	1813.2	1837.7	1868.8	1900.0	1923.8	1947.7	1935.4	1922.9	1883.4	1844.0
67.5°	1709.1	1687.0	1709.1	1738.1	1767.1	1788.9	1810.8	1798.9	1786.7	1752.6	1718.5
70°	1573.3	1548.1	1573.3	1601.1	1628.9	1646.7	1664.6	1652.9	1641.2	1610.4	1579.7
72.5°	1421.1	1396.6	1421.1	1447.4	1473.9	1488.8	1503.6	1489.7	1475.8	1445.7	1415.5
75°	1252.7	1229.3	1252.7	1274.9	1297.2	1304.4	1311.7	1297.2	1282.7	1255.2	1227.7
77.5°	1060.2	1041.5	1060.2	1082.6	1105.0	1115.4	1125.5	1111.9	1098.3	1069.6	1040.7
80°	846.2	811.1	846.2	876.5	906.6	910.9	915.3	897.3	879.3	857.5	835.6
82.5°	628.4	606.0	628.4	654.0	679.4	681.4	683.3	652.7	622.1	575.4	528.7
85°	387.9	367.7	387.9	407.8	427.7	430.8	434.0	396.1	358.2	314.4	270.6
87.5°	159.7	149.9	159.7	170.1	180.2	184.3	188.1	172.8	157.5	139.0	120.7
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-SB4C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	3883.0	3907.0	3930.8	3954.7	3981.8	4009.1	4039.2	4069.5	4106.9	4140.6	4175.3
5°	3700.4	3738.8	3781.1	3823.4	3871.2	3919.2	3976.4	4033.6	4099.1	4165.3	4235.6
7.5°	3588.9	3635.9	3689.2	3742.4	3805.5	3868.7	3944.6	4020.6	4105.4	4195.8	4293.8
10°	3572.8	3625.6	3683.1	3740.4	3803.5	3866.6	3946.8	4026.9	4118.0	4229.6	4345.7
12.5°	3675.5	3730.3	3775.1	3820.2	3861.9	3903.8	3969.2	4034.8	4119.6	4236.8	4368.0
15°	3879.1	3926.6	3938.3	3949.9	3944.2	3938.6	3969.8	4001.2	4069.1	4198.9	4350.8
17.5°	4093.8	4132.2	4095.7	4059.1	3990.3	3921.5	3910.2	3898.6	3940.5	4093.2	4275.8
20°	4213.2	4230.8	4154.3	4077.8	3958.1	3838.7	3785.0	3731.4	3742.4	3920.3	4146.6
22.5°	4183.2	4172.4	4072.9	3973.3	3836.6	3700.3	3620.9	3541.5	3519.9	3722.4	3994.9
25°	4018.4	3981.8	3883.8	3785.8	3663.0	3540.4	3448.9	3357.4	3299.0	3506.5	3825.6
27.5°	3772.6	3731.8	3653.2	3574.7	3474.0	3373.1	3284.8	3196.4	3125.4	3314.3	3670.8
30°	3526.2	3493.1	3427.7	3362.6	3278.9	3195.3	3124.9	3054.8	2999.1	3157.7	3541.4
32.5°	3309.4	3272.6	3210.0	3147.5	3080.6	3013.8	2972.3	2930.8	2906.0	3033.9	3429.8
35°	3106.4	3062.3	3000.2	2938.4	2887.6	2836.6	2825.1	2813.7	2824.0	2930.5	3320.1
37.5°	2916.9	2862.3	2800.5	2738.8	2702.3	2665.7	2678.3	2690.9	2728.5	2821.6	3191.0
40°	2734.2	2671.4	2611.7	2552.1	2525.7	2499.4	2527.9	2556.5	2614.1	2698.5	3037.0
42.5°	2562.0	2494.2	2437.5	2381.0	2359.4	2337.9	2375.8	2413.7	2486.3	2564.1	2867.1
45°	2411.9	2341.6	2287.9	2234.2	2215.9	2197.9	2234.7	2271.6	2341.9	2420.8	2686.5
47.5°	2291.4	2221.9	2169.5	2117.0	2100.1	2083.1	2114.0	2144.9	2205.4	2307.1	2543.7
50°	2192.9	2130.7	2081.3	2031.8	2005.1	1978.6	2005.9	2033.4	2103.6	2237.4	2448.9
52.5°	2124.4	2066.5	2021.2	1975.8	1936.0	1896.1	1923.0	1950.2	2048.3	2202.2	2386.4
55°	2082.1	2031.3	1982.4	1933.5	1877.0	1820.3	1863.1	1906.0	2053.9	2197.0	2341.1
57.5°	2041.4	1991.2	1933.8	1876.3	1815.4	1754.5	1817.0	1879.5	2059.4	2185.6	2287.4
60°	1982.2	1931.3	1865.3	1799.3	1746.0	1692.5	1773.6	1854.6	2042.0	2125.4	2205.4
62.5°	1899.2	1844.8	1767.8	1690.9	1657.0	1623.1	1724.2	1825.5	1999.4	2009.7	2062.7
65°	1791.9	1739.8	1657.3	1574.9	1562.0	1548.9	1656.7	1764.3	1896.8	1895.6	1920.7
67.5°	1669.3	1619.9	1543.7	1467.6	1471.7	1475.8	1565.5	1655.1	1729.6	1733.0	1719.2
70°	1537.0	1494.4	1427.5	1360.6	1374.8	1389.0	1452.8	1516.5	1541.0	1541.0	1476.1
72.5°	1377.0	1338.5	1286.0	1233.3	1253.9	1274.8	1318.5	1362.2	1361.9	1346.4	1254.4
75°	1192.9	1158.0	1118.9	1079.7	1099.8	1119.6	1153.4	1187.0	1193.0	1121.7	1018.5
77.5°	1010.8	980.8	949.1	917.2	937.4	957.6	984.6	1011.5	1014.7	897.1	796.9
80°	810.3	785.1	758.7	732.2	749.3	766.2	788.9	811.4	811.9	671.5	586.7
82.5°	537.5	546.3	548.5	550.7	562.7	574.7	585.8	596.8	590.2	470.3	407.8
85°	295.1	319.6	331.1	342.4	355.9	369.3	381.1	392.9	384.3	295.1	249.3
87.5°	139.5	158.1	158.6	159.1	161.6	164.1	168.9	173.6	162.5	125.5	106.7
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-SB4C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5	4112.5
2.5°	4210.0	4246.3	4282.6	4318.6	4354.7	4388.6	4422.6
5°	4305.8	4380.9	4456.2	4530.8	4605.6	4680.6	4755.5
7.5°	4391.8	4503.0	4614.3	4728.6	4842.8	4966.4	5090.1
10°	4461.5	4596.8	4731.9	4882.7	5033.8	5190.1	5346.5
12.5°	4499.1	4658.5	4817.9	4988.9	5160.0	5331.7	5503.5
15°	4502.6	4686.1	4869.6	5055.2	5240.8	5419.9	5599.0
17.5°	4458.4	4671.4	4884.5	5086.9	5289.4	5471.0	5652.7
20°	4372.9	4631.0	4889.2	5111.7	5334.2	5523.1	5711.9
22.5°	4267.4	4581.5	4895.5	5145.2	5394.7	5587.7	5780.5
25°	4144.8	4532.6	4920.4	5205.8	5490.9	5679.8	5868.9
27.5°	4027.3	4499.9	4972.5	5300.4	5628.2	5808.6	5988.8
30°	3925.0	4484.6	5043.9	5423.1	5802.3	5976.3	6150.6
32.5°	3825.6	4465.6	5105.4	5551.0	5996.7	6169.0	6341.5
35°	3709.7	4430.0	5150.5	5696.9	6243.2	6408.4	6573.5
37.5°	3560.5	4368.9	5177.4	5860.2	6543.0	6753.5	6964.1
40°	3375.5	4284.8	5194.2	6067.6	6940.7	7247.5	7554.3
42.5°	3170.0	4198.0	5226.3	6338.8	7451.4	7894.2	8337.0
45°	2952.3	4117.4	5282.6	6695.8	8109.0	8706.3	9303.6
47.5°	2780.3	4050.8	5321.3	7076.1	8830.9	9671.7	10512.4
50°	2660.3	3978.2	5296.0	7429.0	9561.9	10829.4	12096.8
52.5°	2570.7	3855.6	5140.6	7658.1	10175.4	12045.5	13915.5
55°	2485.2	3652.3	4819.4	7607.6	10395.6	13123.6	15851.8
57.5°	2389.2	3365.7	4342.1	7252.2	10162.5	13887.7	17612.9
60°	2285.4	2993.6	3701.9	6590.8	9479.8	14078.7	18677.3
62.5°	2115.9	2548.3	2980.7	5696.5	8412.4	13274.6	18136.8
65°	1945.8	2147.6	2349.4	4784.1	7218.9	12137.0	17055.1
67.5°	1705.1	1762.6	1819.8	3890.3	5960.7	10783.2	15605.6
70°	1411.1	1394.9	1378.5	3063.0	4747.6	9305.9	13864.2
72.5°	1162.3	1112.7	1063.3	2341.7	3620.1	7704.5	11789.0
75°	915.3	870.5	825.7	1699.6	2573.5	5868.7	9163.9
77.5°	696.7	666.1	635.6	1151.7	1667.7	4107.6	6547.4
80°	501.8	489.2	476.6	742.0	1007.6	2646.4	4285.3
82.5°	345.3	342.8	340.5	456.4	572.5	1531.7	2491.0
85°	203.6	204.8	205.9	244.0	282.2	689.0	1096.0
87.5°	88.1	89.2	90.3	101.2	112.0	225.7	339.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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