

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: P954836

Luminaire Tested: **GALN-SB8A-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954836
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-SB8A-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29857 lumens
Efficiency: N/A
Efficacy: 131.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 227.1
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



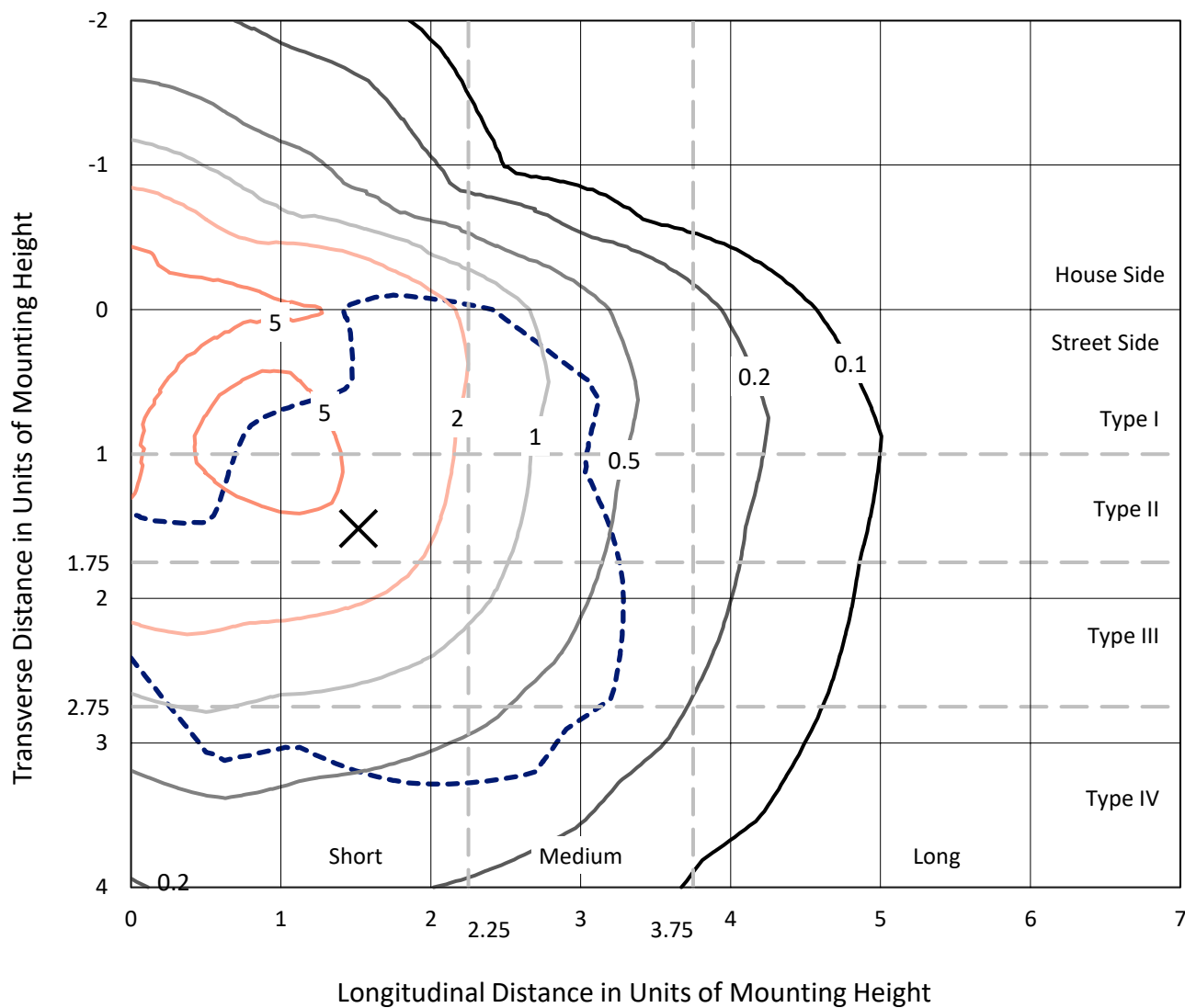
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Iso-Footcandle Lines of Horizontal Illumination

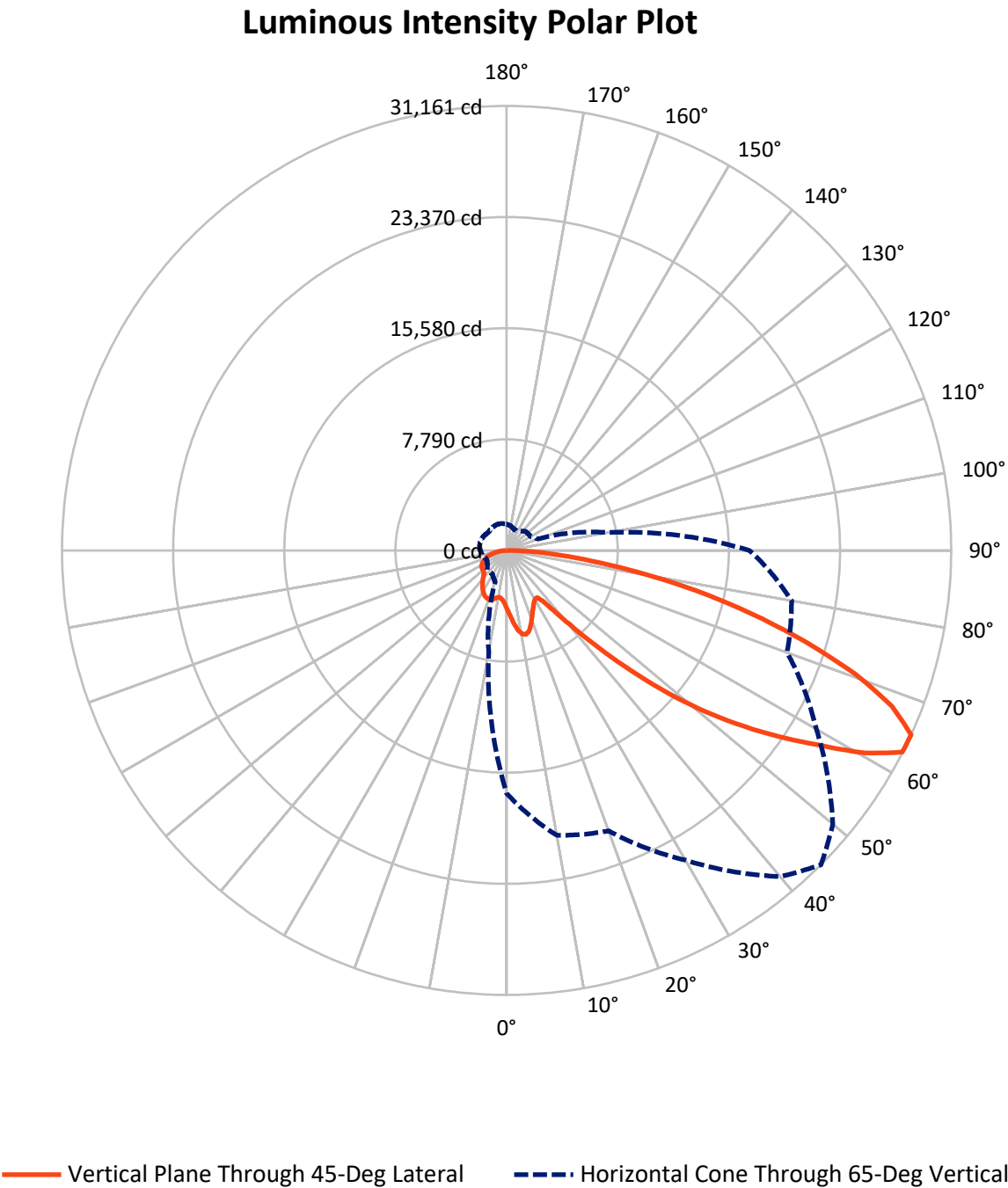
✕ Max cd

--- 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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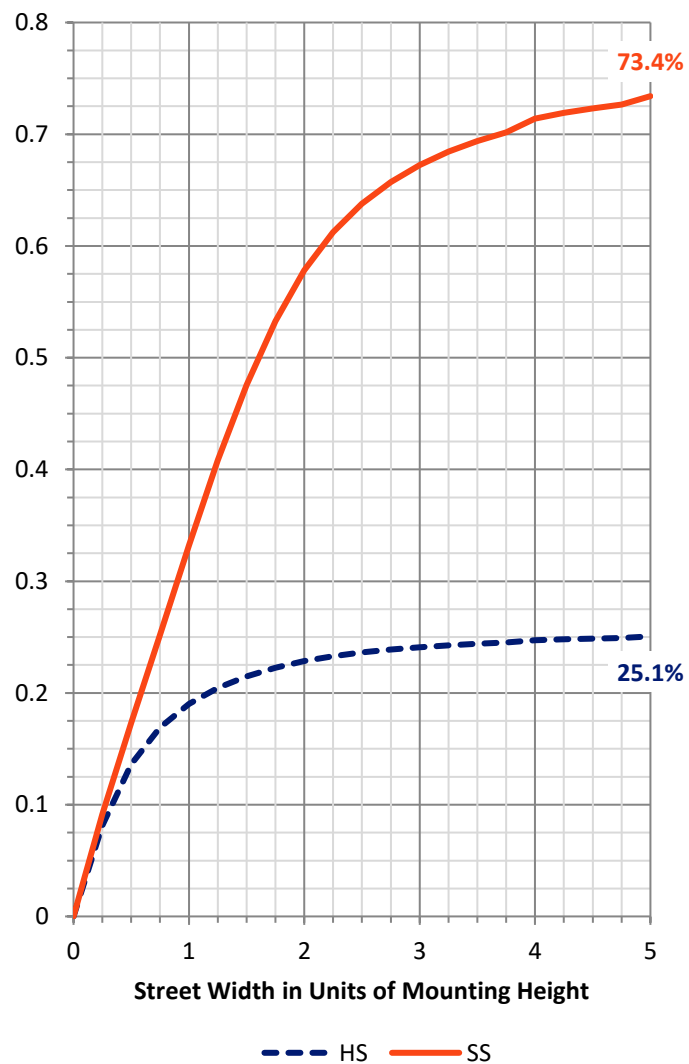
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7588.1	0.0	7588.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	22268.9	0.0	22268.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	29857.0	0.0	29857.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	407.3	1.4
10°-20°	1278.5	4.3
20°-30°	1974.9	6.6
30°-40°	2502.6	8.4
40°-50°	3774.6	12.6
50°-60°	6098.4	20.4
60°-70°	7602.7	25.5
70°-80°	4985.5	16.7
80°-90°	1232.5	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°	29857.0	100.0
0°-180°	29857.0	100.0

Coefficient of Utilization



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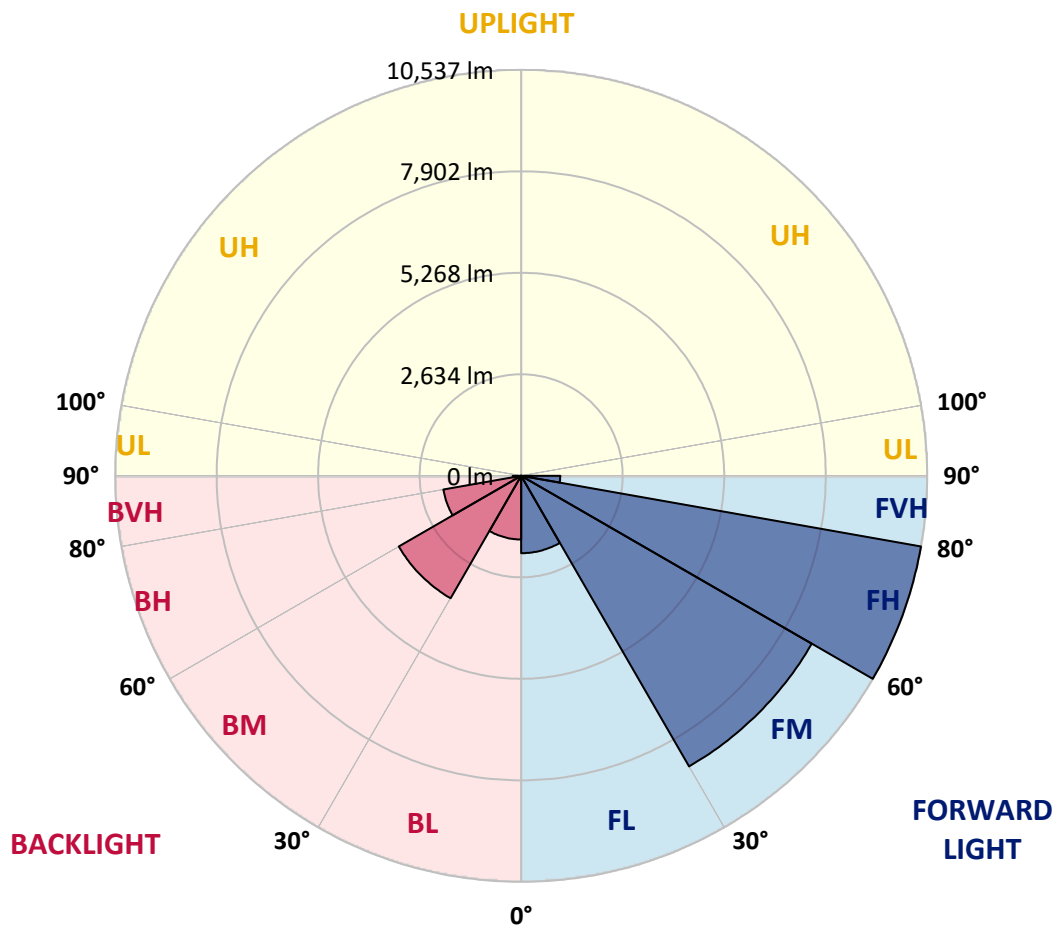
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2008.2	6.7			
FM	(30°-60°)	8708.6	29.2			
FH	(60°-80°)	10536.7	35.3			G4/12000
FVH	(80°-90°)	1015.3	3.4			G5
BL	(0°-30°)	1652.4	5.5	B3/2500		
BM	(30°-60°)	3667.1	12.3	B3/5000		
BH	(60°-80°)	2051.5	6.9	B3/2500		G3/2500
BVH	(80°-90°)	217.2	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°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	4415.2	4431.9	4448.7	4472.5	4496.3	4510.5	4524.7	4531.8	4538.8	4535.7	4538.8
5°	4747.6	4806.0	4864.6	4922.6	4980.8	5012.3	5043.8	5062.8	5082.1	5096.5	5082.1
7.5°	5081.6	5176.7	5271.7	5357.3	5442.8	5494.3	5545.9	5573.7	5601.5	5614.9	5601.5
10°	5337.6	5450.1	5562.6	5662.9	5763.3	5824.1	5884.6	5911.7	5938.6	5948.9	5938.6
12.5°	5494.3	5616.3	5738.1	5828.8	5919.2	5963.4	6007.5	6022.3	6037.1	6038.7	6037.1
15°	5589.7	5694.9	5800.0	5856.9	5913.9	5915.5	5917.0	5901.3	5885.5	5866.9	5885.5
17.5°	5643.2	5714.3	5785.3	5786.4	5787.4	5723.6	5659.8	5601.3	5542.7	5501.4	5542.7
20°	5702.3	5727.0	5751.9	5677.1	5602.3	5461.4	5320.6	5218.0	5115.5	5052.4	5115.5
22.5°	5770.8	5738.4	5705.9	5550.9	5395.9	5188.7	4981.5	4853.3	4725.1	4655.4	4725.1
25°	5859.1	5756.7	5654.3	5418.9	5183.5	4931.9	4680.3	4545.5	4410.9	4345.1	4410.9
27.5°	5978.8	5795.7	5612.5	5300.7	4989.1	4710.2	4431.4	4298.7	4166.2	4104.0	4166.2
30°	6140.3	5867.3	5594.4	5210.6	4826.8	4536.3	4245.8	4122.8	3999.7	3941.7	3999.7
32.5°	6330.9	5957.1	5583.4	5149.2	4715.0	4442.0	4168.9	4072.4	3975.6	3933.9	3975.6
35°	6562.5	6105.0	5647.6	5195.2	4742.9	4553.2	4363.7	4341.1	4318.6	4315.1	4318.6
37.5°	6952.4	6414.2	5876.1	5464.9	5053.7	5041.4	5029.1	5132.2	5235.2	5288.7	5235.2
40°	7541.6	6956.4	6371.1	6065.3	5759.5	5975.3	6191.2	6441.7	6692.2	6816.9	6692.2
42.5°	8323.0	7742.3	7161.6	6985.5	6809.4	7280.1	7750.8	8206.5	8662.1	8929.6	8662.1
45°	9288.0	8766.4	8244.6	8166.9	8089.1	8843.3	9597.6	10346.2	11095.0	11549.5	11095.0
47.5°	10494.8	9987.3	9479.7	9464.0	9448.2	10536.2	11623.9	12719.9	13815.8	14459.4	13815.8
50°	12076.5	11449.7	10823.0	10825.6	10828.3	12230.4	13632.6	15079.3	16526.0	17400.7	16526.0
52.5°	13892.2	13133.2	12374.3	12297.6	12220.7	13895.5	15570.4	17360.4	19150.3	20198.7	19150.3
55°	15825.3	15075.4	14325.5	14026.3	13727.1	15591.2	17455.1	19589.0	21722.9	22969.9	21722.9
57.5°	17583.5	17175.1	16766.6	16166.5	15566.6	17448.8	19331.0	21748.0	24164.9	25711.2	24164.9
60°	18646.1	19280.4	19914.8	19169.6	18424.4	20205.6	21986.8	24574.6	27162.5	28833.7	27162.5
62.5°	18106.5	19839.7	21572.8	21488.8	21404.7	23036.4	24668.2	27130.3	29592.3	31137.0	29592.3
65°	17026.6	18653.2	20279.8	20601.7	20923.4	22997.0	25070.8	27458.2	29845.4	31160.6	29845.4
67.5°	15579.5	17126.6	18673.7	18824.6	18975.4	21135.9	23296.3	25694.0	28091.7	29122.0	28091.7
70°	13841.0	15523.7	17206.6	17274.1	17341.6	19273.8	21205.7	23269.1	25332.3	25904.9	25332.3
72.5°	11769.3	13700.3	15631.5	15680.0	15728.4	17240.0	18751.7	20297.0	21842.2	21900.2	21842.2
75°	9148.6	11147.2	13145.8	13325.2	13504.7	14680.7	15856.8	16944.6	18032.5	17741.0	18032.5
77.5°	6536.5	8402.1	10267.9	10524.7	10781.5	11675.6	12569.6	13341.1	14112.8	13611.8	14112.8
80°	4278.1	5847.7	7417.2	7736.4	8055.5	8730.8	9405.7	9810.9	10215.9	9410.1	10215.9
82.5°	2486.8	3559.9	4633.1	4989.6	5346.3	5811.0	6275.8	6444.8	6613.7	5980.4	6613.7
85°	1094.1	1663.7	2233.2	2536.5	2839.7	3221.6	3603.3	3699.3	3795.2	3287.9	3795.2
87.5°	338.7	530.1	721.6	890.8	1060.0	1250.9	1441.8	1450.0	1458.1	1224.1	1458.1
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°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	4531.8	4524.7	4510.5	4496.3	4472.5	4448.7	4431.9	4415.2	4381.3	4347.4	4311.3
5°	5062.8	5043.8	5012.3	4980.8	4922.6	4864.6	4806.0	4747.6	4672.8	4597.9	4523.2
7.5°	5573.7	5545.9	5494.3	5442.8	5357.3	5271.7	5176.7	5081.6	4958.1	4834.7	4720.6
10°	5911.7	5884.6	5824.1	5763.3	5662.9	5562.6	5450.1	5337.6	5181.5	5025.3	4874.6
12.5°	6022.3	6007.5	5963.4	5919.2	5828.8	5738.1	5616.3	5494.3	5322.8	5151.4	4980.6
15°	5901.3	5917.0	5915.5	5913.9	5856.9	5800.0	5694.9	5589.7	5410.8	5232.0	5046.8
17.5°	5601.3	5659.8	5723.6	5787.4	5786.4	5785.3	5714.3	5643.2	5461.9	5280.6	5078.4
20°	5218.0	5320.6	5461.4	5602.3	5677.1	5751.9	5727.0	5702.3	5513.9	5325.3	5103.2
22.5°	4853.3	4981.5	5188.7	5395.9	5550.9	5705.9	5738.4	5770.8	5578.3	5385.6	5136.6
25°	4545.5	4680.3	4931.9	5183.5	5418.9	5654.3	5756.7	5859.1	5670.3	5481.7	5197.1
27.5°	4298.7	4431.4	4710.2	4989.1	5300.7	5612.5	5795.7	5978.8	5798.9	5618.8	5291.6
30°	4122.8	4245.8	4536.3	4826.8	5210.6	5594.4	5867.3	6140.3	5966.3	5792.6	5414.0
32.5°	4072.4	4168.9	4442.0	4715.0	5149.2	5583.4	5957.1	6330.9	6158.7	5986.7	5541.8
35°	4341.1	4363.7	4553.2	4742.9	5195.2	5647.6	6105.0	6562.5	6397.7	6232.8	5687.3
37.5°	5132.2	5029.1	5041.4	5053.7	5464.9	5876.1	6414.2	6952.4	6742.2	6532.1	5850.4
40°	6441.7	6191.2	5975.3	5759.5	6065.3	6371.1	6956.4	7541.6	7235.4	6929.1	6057.4
42.5°	8206.5	7750.8	7280.1	6809.4	6985.5	7161.6	7742.3	8323.0	7881.0	7438.9	6328.2
45°	10346.2	9597.6	8843.3	8089.1	8166.9	8244.6	8766.4	9288.0	8691.7	8095.4	6684.6
47.5°	12719.9	11623.9	10536.2	9448.2	9464.0	9479.7	9987.3	10494.8	9655.6	8816.2	7064.3
50°	15079.3	13632.6	12230.4	10828.3	10825.6	10823.0	11449.7	12076.5	10811.3	9545.9	7416.5
52.5°	17360.4	15570.4	13895.5	12220.7	12297.6	12374.3	13133.2	13892.2	12025.3	10158.4	7645.3
55°	19589.0	17455.1	15591.2	13727.1	14026.3	14325.5	15075.4	15825.3	13101.7	10378.2	7594.9
57.5°	21748.0	19331.0	17448.8	15566.6	16166.5	16766.6	17175.1	17583.5	13864.5	10145.5	7240.1
60°	24574.6	21986.8	20205.6	18424.4	19169.6	19914.8	19280.4	18646.1	14055.1	9464.0	6579.8
62.5°	27130.3	24668.2	23036.4	21404.7	21488.8	21572.8	19839.7	18106.5	13252.4	8398.4	5687.0
65°	27458.2	25070.8	22997.0	20923.4	20601.7	20279.8	18653.2	17026.6	12116.7	7206.8	4776.1
67.5°	25694.0	23296.3	21135.9	18975.4	18824.6	18673.7	17126.6	15579.5	10765.1	5950.7	3883.8
70°	23269.1	21205.7	19273.8	17341.6	17274.1	17206.6	15523.7	13841.0	9290.4	4739.7	3057.9
72.5°	20297.0	18751.7	17240.0	15728.4	15680.0	15631.5	13700.3	11769.3	7691.6	3614.1	2337.8
75°	16944.6	15856.8	14680.7	13504.7	13325.2	13145.8	11147.2	9148.6	5858.9	2569.2	1696.7
77.5°	13341.1	12569.6	11675.6	10781.5	10524.7	10267.9	8402.1	6536.5	4100.7	1664.9	1149.8
80°	9810.9	9405.7	8730.8	8055.5	7736.4	7417.2	5847.7	4278.1	2642.0	1005.9	740.8
82.5°	6444.8	6275.8	5811.0	5346.3	4989.6	4633.1	3559.9	2486.8	1529.1	571.6	455.6
85°	3699.3	3603.3	3221.6	2839.7	2536.5	2233.2	1663.7	1094.1	687.8	281.7	243.6
87.5°	1450.0	1441.8	1250.9	1060.0	890.8	721.6	530.1	338.7	225.3	111.9	101.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	4275.4	4239.2	4203.0	4168.3	4133.6	4100.1	4062.7	4032.5	4002.4	3975.1	3948.1
5°	4448.7	4373.6	4298.6	4228.5	4158.4	4092.2	4026.8	3969.8	3912.6	3864.7	3817.0
7.5°	4606.6	4495.5	4384.4	4286.6	4188.8	4098.5	4013.9	3938.0	3862.2	3799.2	3736.2
10°	4724.0	4589.1	4454.1	4338.4	4222.5	4111.1	4020.2	3940.2	3860.1	3797.1	3734.1
12.5°	4809.8	4650.7	4491.6	4360.7	4229.7	4112.7	4028.1	3962.5	3897.3	3855.4	3813.8
15°	4861.5	4678.3	4495.0	4343.5	4191.9	4062.3	3994.5	3963.2	3932.0	3937.7	3943.3
17.5°	4876.3	4663.6	4450.9	4268.7	4086.4	3933.9	3892.1	3903.6	3915.0	3983.7	4052.3
20°	4881.0	4623.3	4365.5	4139.6	3913.7	3736.2	3725.1	3778.7	3832.3	3951.5	4070.9
22.5°	4887.3	4573.8	4260.3	3988.2	3716.1	3514.0	3535.6	3614.8	3694.1	3830.2	3966.6
25°	4912.2	4525.0	4137.9	3819.2	3500.6	3293.5	3351.7	3443.1	3534.5	3656.9	3779.5
27.5°	4964.2	4492.4	4020.5	3664.6	3308.7	3120.2	3191.1	3279.3	3367.5	3468.2	3568.7
30°	5035.4	4477.1	3918.4	3535.4	3152.5	2994.1	3049.7	3119.7	3189.9	3273.4	3356.9
32.5°	5096.9	4458.2	3819.2	3424.1	3028.8	2901.2	2925.9	2967.3	3008.8	3075.4	3142.2
35°	5141.9	4422.6	3703.5	3314.6	2925.6	2819.2	2809.0	2820.4	2831.9	2882.7	2933.5
37.5°	5168.7	4361.6	3554.5	3185.7	2816.9	2723.9	2686.4	2673.8	2661.2	2697.8	2734.2
40°	5185.6	4277.6	3369.9	3031.9	2694.0	2609.7	2552.2	2523.7	2495.2	2521.5	2547.8
42.5°	5217.5	4191.0	3164.7	2862.3	2559.8	2482.1	2409.6	2371.8	2334.0	2355.4	2377.0
45°	5273.8	4110.5	2947.3	2682.0	2416.7	2338.0	2267.8	2231.0	2194.3	2212.2	2230.5
47.5°	5312.4	4044.0	2775.6	2539.5	2303.3	2201.7	2141.3	2110.5	2079.6	2096.6	2113.5
50°	5287.2	3971.5	2655.9	2444.8	2233.7	2100.1	2030.0	2002.5	1975.3	2001.8	2028.4
52.5°	5132.0	3849.1	2566.4	2382.4	2198.5	2044.9	1946.9	1919.8	1892.9	1932.7	1972.4
55°	4811.4	3646.2	2481.0	2337.2	2193.3	2050.4	1902.8	1860.0	1817.3	1873.8	1930.2
57.5°	4334.8	3360.1	2385.2	2283.6	2182.0	2055.9	1876.3	1814.0	1751.6	1812.4	1873.2
60°	3695.7	2988.6	2281.6	2201.7	2121.8	2038.6	1851.5	1770.6	1689.7	1743.1	1796.3
62.5°	2975.7	2544.0	2112.3	2059.3	2006.3	1996.1	1822.5	1721.3	1620.3	1654.2	1688.1
65°	2345.5	2144.0	1942.5	1917.5	1892.4	1893.7	1761.3	1653.9	1546.3	1559.4	1572.3
67.5°	1816.8	1759.6	1702.3	1716.3	1730.1	1726.7	1652.3	1562.8	1473.4	1469.3	1465.2
70°	1376.1	1392.5	1408.8	1473.7	1538.4	1538.4	1514.0	1450.3	1386.7	1372.5	1358.3
72.5°	1061.5	1110.8	1160.3	1252.3	1344.2	1359.6	1359.9	1316.3	1272.6	1251.8	1231.2
75°	824.3	869.0	913.8	1016.8	1119.8	1191.0	1185.0	1151.5	1117.8	1097.9	1077.9
77.5°	634.6	665.0	695.6	795.6	895.6	1013.0	1009.9	982.9	956.0	935.8	915.6
80°	475.8	488.4	501.0	585.7	670.3	810.6	810.1	787.6	764.9	748.0	731.0
82.5°	340.0	342.2	344.7	407.1	469.5	589.2	595.8	584.8	573.8	561.8	549.8
85°	205.6	204.5	203.2	248.9	294.6	383.6	392.3	380.5	368.7	355.3	341.9
87.5°	90.1	89.0	87.9	106.5	125.2	162.3	173.3	168.6	163.8	161.3	158.8
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: P954836

CATALOG NUMBER: GALN-SB8A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	3924.3	3900.5	3876.5	3852.7	3834.3	3815.7	3800.7	3785.8	3774.1	3762.5	3751.8
5°	3774.8	3732.5	3694.2	3655.8	3626.3	3596.7	3576.1	3555.5	3540.8	3526.1	3515.0
7.5°	3683.1	3629.8	3582.9	3536.1	3500.9	3466.0	3441.4	3416.8	3400.0	3383.3	3373.2
10°	3676.9	3619.6	3566.8	3514.0	3472.1	3430.0	3402.6	3374.9	3359.0	3343.1	3334.6
12.5°	3768.8	3724.0	3669.4	3614.8	3561.3	3507.7	3472.3	3436.8	3419.0	3401.4	3394.1
15°	3931.7	3920.0	3872.6	3825.2	3748.9	3672.7	3618.8	3564.9	3540.2	3515.6	3506.1
17.5°	4088.9	4125.3	4087.0	4048.9	3947.9	3846.9	3767.5	3688.1	3651.6	3614.8	3602.9
20°	4147.3	4223.8	4206.1	4188.3	4072.8	3957.5	3860.1	3762.9	3716.1	3669.2	3654.2
22.5°	4066.1	4165.5	4176.2	4186.7	4076.4	3966.2	3866.0	3765.6	3716.3	3666.8	3650.3
25°	3877.3	3975.1	4011.7	4048.1	3957.7	3867.4	3778.2	3689.4	3646.5	3603.8	3588.2
27.5°	3647.1	3725.6	3766.2	3807.0	3742.6	3678.3	3609.2	3540.0	3511.3	3482.5	3475.4
30°	3422.0	3487.2	3520.3	3553.4	3504.4	3455.3	3405.8	3356.0	3341.3	3326.5	3326.5
32.5°	3204.6	3267.1	3303.9	3340.7	3295.7	3250.4	3210.9	3171.4	3161.7	3152.1	3153.4
35°	2995.2	3057.1	3101.3	3145.4	3113.2	3081.2	3044.7	3008.3	2993.6	2979.2	2976.0
37.5°	2795.8	2857.5	2912.0	2966.6	2951.7	2936.9	2903.4	2869.7	2843.0	2816.6	2802.5
40°	2607.4	2666.9	2729.6	2792.5	2796.1	2799.6	2771.0	2742.5	2703.8	2665.3	2639.2
42.5°	2433.4	2490.0	2557.7	2625.5	2643.6	2661.7	2637.6	2613.7	2565.6	2517.6	2479.6
45°	2284.1	2337.6	2407.9	2478.2	2504.2	2530.2	2508.4	2486.8	2431.8	2377.0	2332.4
47.5°	2165.9	2218.2	2287.5	2356.9	2386.8	2416.7	2401.6	2386.5	2337.6	2288.8	2247.5
50°	2077.8	2127.2	2189.2	2251.3	2289.7	2328.2	2327.2	2326.6	2287.5	2248.5	2210.3
52.5°	2017.8	2063.0	2120.9	2178.8	2224.4	2269.9	2278.1	2286.3	2254.5	2222.6	2188.4
55°	1979.1	2027.9	2078.6	2129.2	2177.4	2225.8	2237.1	2248.5	2220.7	2193.0	2163.1
57.5°	1930.5	1987.9	2038.0	2088.2	2136.9	2185.4	2197.0	2208.5	2180.4	2152.4	2122.7
60°	1862.2	1928.0	1978.9	2030.0	2078.8	2127.6	2140.2	2152.8	2125.4	2098.2	2067.6
62.5°	1764.8	1841.7	1896.0	1950.4	1995.1	2039.9	2052.0	2064.1	2039.4	2014.7	1982.5
65°	1654.5	1736.9	1788.9	1840.9	1880.3	1919.7	1932.1	1944.4	1920.6	1896.8	1865.6
67.5°	1541.1	1617.2	1666.5	1715.7	1749.7	1783.7	1795.8	1807.8	1785.9	1764.2	1735.2
70°	1425.1	1491.9	1534.5	1577.0	1607.7	1638.5	1650.1	1661.8	1644.0	1626.2	1598.4
72.5°	1283.8	1336.3	1374.7	1413.2	1443.3	1473.4	1487.2	1501.1	1486.3	1471.5	1445.0
75°	1117.0	1156.1	1190.9	1225.7	1253.1	1280.5	1295.0	1309.5	1302.3	1295.0	1272.8
77.5°	947.5	979.1	1009.1	1039.0	1067.8	1096.5	1110.1	1123.6	1113.5	1103.1	1080.8
80°	757.5	783.8	809.0	834.2	856.1	877.8	895.8	913.8	909.3	905.1	875.0
82.5°	547.6	545.4	536.6	527.8	574.4	621.0	651.6	682.2	680.3	678.2	652.9
85°	330.5	319.0	294.6	270.2	313.8	357.6	395.4	433.2	430.1	426.9	407.1
87.5°	158.3	157.9	139.3	120.5	138.8	157.2	172.5	187.8	184.0	179.9	169.8
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-SB8A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	3740.9	3727.5	3740.9	3751.8	3762.5	3774.1	3785.8	3800.7	3815.7	3834.3	3852.7
5°	3503.8	3492.7	3503.8	3515.0	3526.1	3540.8	3555.5	3576.1	3596.7	3626.3	3655.8
7.5°	3363.2	3355.7	3363.2	3373.2	3383.3	3400.0	3416.8	3441.4	3466.0	3500.9	3536.1
10°	3326.1	3322.6	3326.1	3334.6	3343.1	3359.0	3374.9	3402.6	3430.0	3472.1	3514.0
12.5°	3386.9	3385.6	3386.9	3394.1	3401.4	3419.0	3436.8	3472.3	3507.7	3561.3	3614.8
15°	3496.7	3495.9	3496.7	3506.1	3515.6	3540.2	3564.9	3618.8	3672.7	3748.9	3825.2
17.5°	3590.7	3588.9	3590.7	3602.9	3614.8	3651.6	3688.1	3767.5	3846.9	3947.9	4048.9
20°	3639.3	3634.5	3639.3	3654.2	3669.2	3716.1	3762.9	3860.1	3957.5	4072.8	4188.3
22.5°	3633.8	3626.7	3633.8	3650.3	3666.8	3716.3	3765.6	3866.0	3966.2	4076.4	4186.7
25°	3572.8	3563.6	3572.8	3588.2	3603.8	3646.5	3689.4	3778.2	3867.4	3957.7	4048.1
27.5°	3468.3	3466.0	3468.3	3475.4	3482.5	3511.3	3540.0	3609.2	3678.3	3742.6	3807.0
30°	3326.5	3328.9	3326.5	3326.5	3326.5	3341.3	3356.0	3405.8	3455.3	3504.4	3553.4
32.5°	3154.8	3157.2	3154.8	3153.4	3152.1	3161.7	3171.4	3210.9	3250.4	3295.7	3340.7
35°	2972.9	2971.3	2972.9	2976.0	2979.2	2993.6	3008.3	3044.7	3081.2	3113.2	3145.4
37.5°	2788.5	2780.7	2788.5	2802.5	2816.6	2843.0	2869.7	2903.4	2936.9	2951.7	2966.6
40°	2613.3	2597.9	2613.3	2639.2	2665.3	2703.8	2742.5	2771.0	2799.6	2796.1	2792.5
42.5°	2441.6	2416.7	2441.6	2479.6	2517.6	2565.6	2613.7	2637.6	2661.7	2643.6	2625.5
45°	2287.9	2259.2	2287.9	2332.4	2377.0	2431.8	2486.8	2508.4	2530.2	2504.2	2478.2
47.5°	2206.4	2178.8	2206.4	2247.5	2288.8	2337.6	2386.5	2401.6	2416.7	2386.8	2356.9
50°	2172.2	2145.7	2172.2	2210.3	2248.5	2287.5	2326.6	2327.2	2328.2	2289.7	2251.3
52.5°	2154.4	2130.0	2154.4	2188.4	2222.6	2254.5	2286.3	2278.1	2269.9	2224.4	2178.8
55°	2133.1	2111.1	2133.1	2163.1	2193.0	2220.7	2248.5	2237.1	2225.8	2177.4	2129.2
57.5°	2093.0	2070.1	2093.0	2122.7	2152.4	2180.4	2208.5	2197.0	2185.4	2136.9	2088.2
60°	2037.0	2013.4	2037.0	2067.6	2098.2	2125.4	2152.8	2140.2	2127.6	2078.8	2030.0
62.5°	1950.4	1922.0	1950.4	1982.5	2014.7	2039.4	2064.1	2052.0	2039.9	1995.1	1950.4
65°	1834.6	1810.2	1834.6	1865.6	1896.8	1920.6	1944.4	1932.1	1919.7	1880.3	1840.9
67.5°	1706.2	1684.1	1706.2	1735.2	1764.2	1785.9	1807.8	1795.8	1783.7	1749.7	1715.7
70°	1570.7	1545.5	1570.7	1598.4	1626.2	1644.0	1661.8	1650.1	1638.5	1607.7	1577.0
72.5°	1418.7	1394.3	1418.7	1445.0	1471.5	1486.3	1501.1	1487.2	1473.4	1443.3	1413.2
75°	1250.6	1227.3	1250.6	1272.8	1295.0	1302.3	1309.5	1295.0	1280.5	1253.1	1225.7
77.5°	1058.4	1039.8	1058.4	1080.8	1103.1	1113.5	1123.6	1110.1	1096.5	1067.8	1039.0
80°	844.8	809.8	844.8	875.0	905.1	909.3	913.8	895.8	877.8	856.1	834.2
82.5°	627.3	605.0	627.3	652.9	678.2	680.3	682.2	651.6	621.0	574.4	527.8
85°	387.2	367.1	387.2	407.1	426.9	430.1	433.2	395.4	357.6	313.8	270.2
87.5°	159.4	149.7	159.4	169.8	179.9	184.0	187.8	172.5	157.2	138.8	120.5
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: P954836

CATALOG NUMBER: GALN-SB8A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	3876.5	3900.5	3924.3	3948.1	3975.1	4002.4	4032.5	4062.7	4100.1	4133.6	4168.3
5°	3694.2	3732.5	3774.8	3817.0	3864.7	3912.6	3969.8	4026.8	4092.2	4158.4	4228.5
7.5°	3582.9	3629.8	3683.1	3736.2	3799.2	3862.2	3938.0	4013.9	4098.5	4188.8	4286.6
10°	3566.8	3619.6	3676.9	3734.1	3797.1	3860.1	3940.2	4020.2	4111.1	4222.5	4338.4
12.5°	3669.4	3724.0	3768.8	3813.8	3855.4	3897.3	3962.5	4028.1	4112.7	4229.7	4360.7
15°	3872.6	3920.0	3931.7	3943.3	3937.7	3932.0	3963.2	3994.5	4062.3	4191.9	4343.5
17.5°	4087.0	4125.3	4088.9	4052.3	3983.7	3915.0	3903.6	3892.1	3933.9	4086.4	4268.7
20°	4206.1	4223.8	4147.3	4070.9	3951.5	3832.3	3778.7	3725.1	3736.2	3913.7	4139.6
22.5°	4176.2	4165.5	4066.1	3966.6	3830.2	3694.1	3614.8	3535.6	3514.0	3716.1	3988.2
25°	4011.7	3975.1	3877.3	3779.5	3656.9	3534.5	3443.1	3351.7	3293.5	3500.6	3819.2
27.5°	3766.2	3725.6	3647.1	3568.7	3468.2	3367.5	3279.3	3191.1	3120.2	3308.7	3664.6
30°	3520.3	3487.2	3422.0	3356.9	3273.4	3189.9	3119.7	3049.7	2994.1	3152.5	3535.4
32.5°	3303.9	3267.1	3204.6	3142.2	3075.4	3008.8	2967.3	2925.9	2901.2	3028.8	3424.1
35°	3101.3	3057.1	2995.2	2933.5	2882.7	2831.9	2820.4	2809.0	2819.2	2925.6	3314.6
37.5°	2912.0	2857.5	2795.8	2734.2	2697.8	2661.2	2673.8	2686.4	2723.9	2816.9	3185.7
40°	2729.6	2666.9	2607.4	2547.8	2521.5	2495.2	2523.7	2552.2	2609.7	2694.0	3031.9
42.5°	2557.7	2490.0	2433.4	2377.0	2355.4	2334.0	2371.8	2409.6	2482.1	2559.8	2862.3
45°	2407.9	2337.6	2284.1	2230.5	2212.2	2194.3	2231.0	2267.8	2338.0	2416.7	2682.0
47.5°	2287.5	2218.2	2165.9	2113.5	2096.6	2079.6	2110.5	2141.3	2201.7	2303.3	2539.5
50°	2189.2	2127.2	2077.8	2028.4	2001.8	1975.3	2002.5	2030.0	2100.1	2233.7	2444.8
52.5°	2120.9	2063.0	2017.8	1972.4	1932.7	1892.9	1919.8	1946.9	2044.9	2198.5	2382.4
55°	2078.6	2027.9	1979.1	1930.2	1873.8	1817.3	1860.0	1902.8	2050.4	2193.3	2337.2
57.5°	2038.0	1987.9	1930.5	1873.2	1812.4	1751.6	1814.0	1876.3	2055.9	2182.0	2283.6
60°	1978.9	1928.0	1862.2	1796.3	1743.1	1689.7	1770.6	1851.5	2038.6	2121.8	2201.7
62.5°	1896.0	1841.7	1764.8	1688.1	1654.2	1620.3	1721.3	1822.5	1996.1	2006.3	2059.3
65°	1788.9	1736.9	1654.5	1572.3	1559.4	1546.3	1653.9	1761.3	1893.7	1892.4	1917.5
67.5°	1666.5	1617.2	1541.1	1465.2	1469.3	1473.4	1562.8	1652.3	1726.7	1730.1	1716.3
70°	1534.5	1491.9	1425.1	1358.3	1372.5	1386.7	1450.3	1514.0	1538.4	1538.4	1473.7
72.5°	1374.7	1336.3	1283.8	1231.2	1251.8	1272.6	1316.3	1359.9	1359.6	1344.2	1252.3
75°	1190.9	1156.1	1117.0	1077.9	1097.9	1117.8	1151.5	1185.0	1191.0	1119.8	1016.8
77.5°	1009.1	979.1	947.5	915.6	935.8	956.0	982.9	1009.9	1013.0	895.6	795.6
80°	809.0	783.8	757.5	731.0	748.0	764.9	787.6	810.1	810.6	670.3	585.7
82.5°	536.6	545.4	547.6	549.8	561.8	573.8	584.8	595.8	589.2	469.5	407.1
85°	294.6	319.0	330.5	341.9	355.3	368.7	380.5	392.3	383.6	294.6	248.9
87.5°	139.3	157.9	158.3	158.8	161.3	163.8	168.6	173.3	162.3	125.2	106.5
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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CATALOG NUMBER: GALN-SB8A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6	4105.6
2.5°	4203.0	4239.2	4275.4	4311.3	4347.4	4381.3	4415.2
5°	4298.6	4373.6	4448.7	4523.2	4597.9	4672.8	4747.6
7.5°	4384.4	4495.5	4606.6	4720.6	4834.7	4958.1	5081.6
10°	4454.1	4589.1	4724.0	4874.6	5025.3	5181.5	5337.6
12.5°	4491.6	4650.7	4809.8	4980.6	5151.4	5322.8	5494.3
15°	4495.0	4678.3	4861.5	5046.8	5232.0	5410.8	5589.7
17.5°	4450.9	4663.6	4876.3	5078.4	5280.6	5461.9	5643.2
20°	4365.5	4623.3	4881.0	5103.2	5325.3	5513.9	5702.3
22.5°	4260.3	4573.8	4887.3	5136.6	5385.6	5578.3	5770.8
25°	4137.9	4525.0	4912.2	5197.1	5481.7	5670.3	5859.1
27.5°	4020.5	4492.4	4964.2	5291.6	5618.8	5798.9	5978.8
30°	3918.4	4477.1	5035.4	5414.0	5792.6	5966.3	6140.3
32.5°	3819.2	4458.2	5096.9	5541.8	5986.7	6158.7	6330.9
35°	3703.5	4422.6	5141.9	5687.3	6232.8	6397.7	6562.5
37.5°	3554.5	4361.6	5168.7	5850.4	6532.1	6742.2	6952.4
40°	3369.9	4277.6	5185.6	6057.4	6929.1	7235.4	7541.6
42.5°	3164.7	4191.0	5217.5	6328.2	7438.9	7881.0	8323.0
45°	2947.3	4110.5	5273.8	6684.6	8095.4	8691.7	9288.0
47.5°	2775.6	4044.0	5312.4	7064.3	8816.2	9655.6	10494.8
50°	2655.9	3971.5	5287.2	7416.5	9545.9	10811.3	12076.5
52.5°	2566.4	3849.1	5132.0	7645.3	10158.4	12025.3	13892.2
55°	2481.0	3646.2	4811.4	7594.9	10378.2	13101.7	15825.3
57.5°	2385.2	3360.1	4334.8	7240.1	10145.5	13864.5	17583.5
60°	2281.6	2988.6	3695.7	6579.8	9464.0	14055.1	18646.1
62.5°	2112.3	2544.0	2975.7	5687.0	8398.4	13252.4	18106.5
65°	1942.5	2144.0	2345.5	4776.1	7206.8	12116.7	17026.6
67.5°	1702.3	1759.6	1816.8	3883.8	5950.7	10765.1	15579.5
70°	1408.8	1392.5	1376.1	3057.9	4739.7	9290.4	13841.0
72.5°	1160.3	1110.8	1061.5	2337.8	3614.1	7691.6	11769.3
75°	913.8	869.0	824.3	1696.7	2569.2	5858.9	9148.6
77.5°	695.6	665.0	634.6	1149.8	1664.9	4100.7	6536.5
80°	501.0	488.4	475.8	740.8	1005.9	2642.0	4278.1
82.5°	344.7	342.2	340.0	455.6	571.6	1529.1	2486.8
85°	203.2	204.5	205.6	243.6	281.7	687.8	1094.1
87.5°	87.9	89.0	90.1	101.0	111.9	225.3	338.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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