

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: P947339

Luminaire Tested: **GALN-SB2D-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947339
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-SB2D-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16751 lumens
Efficiency: N/A
Efficacy: 113.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 147.6
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

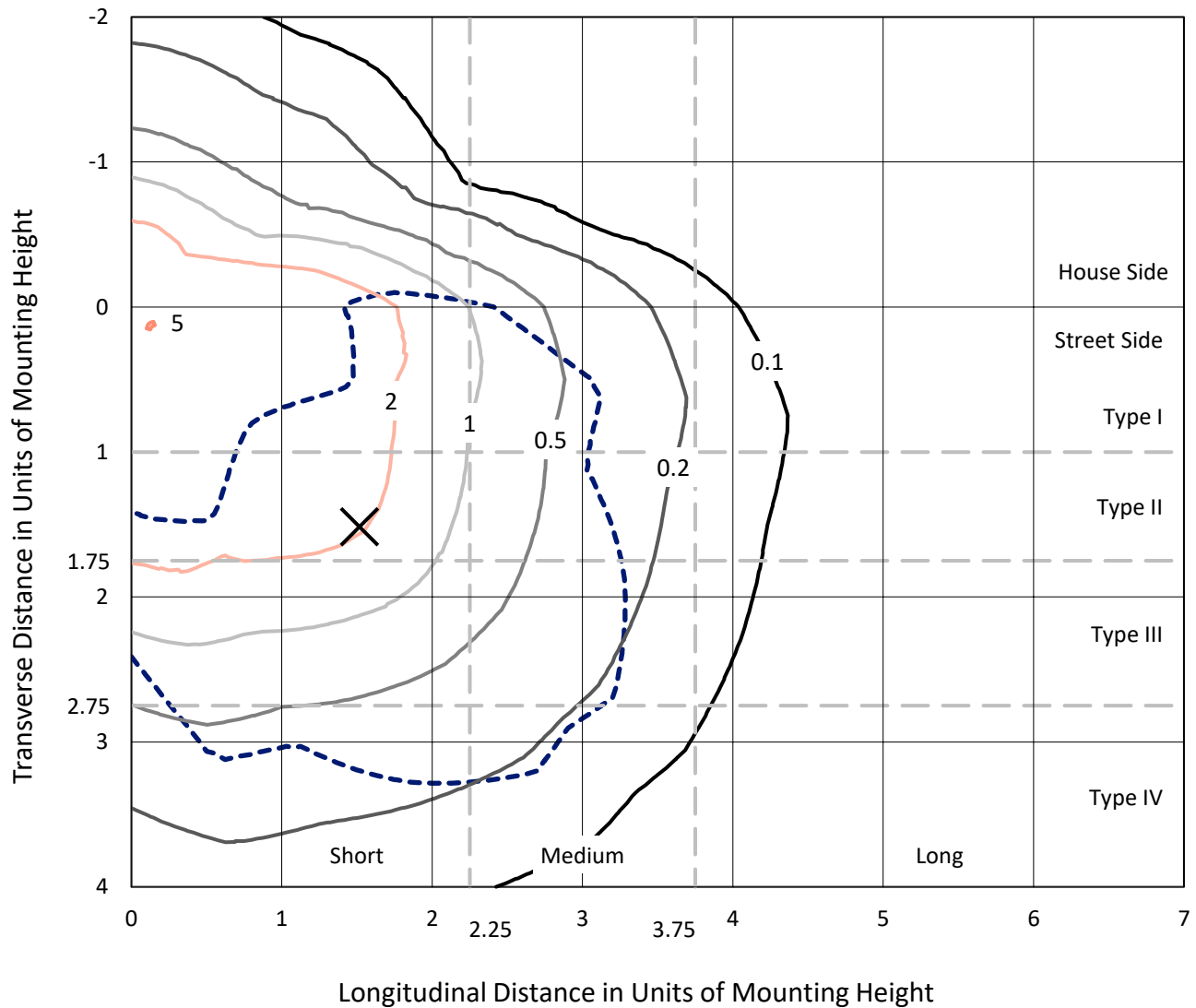


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

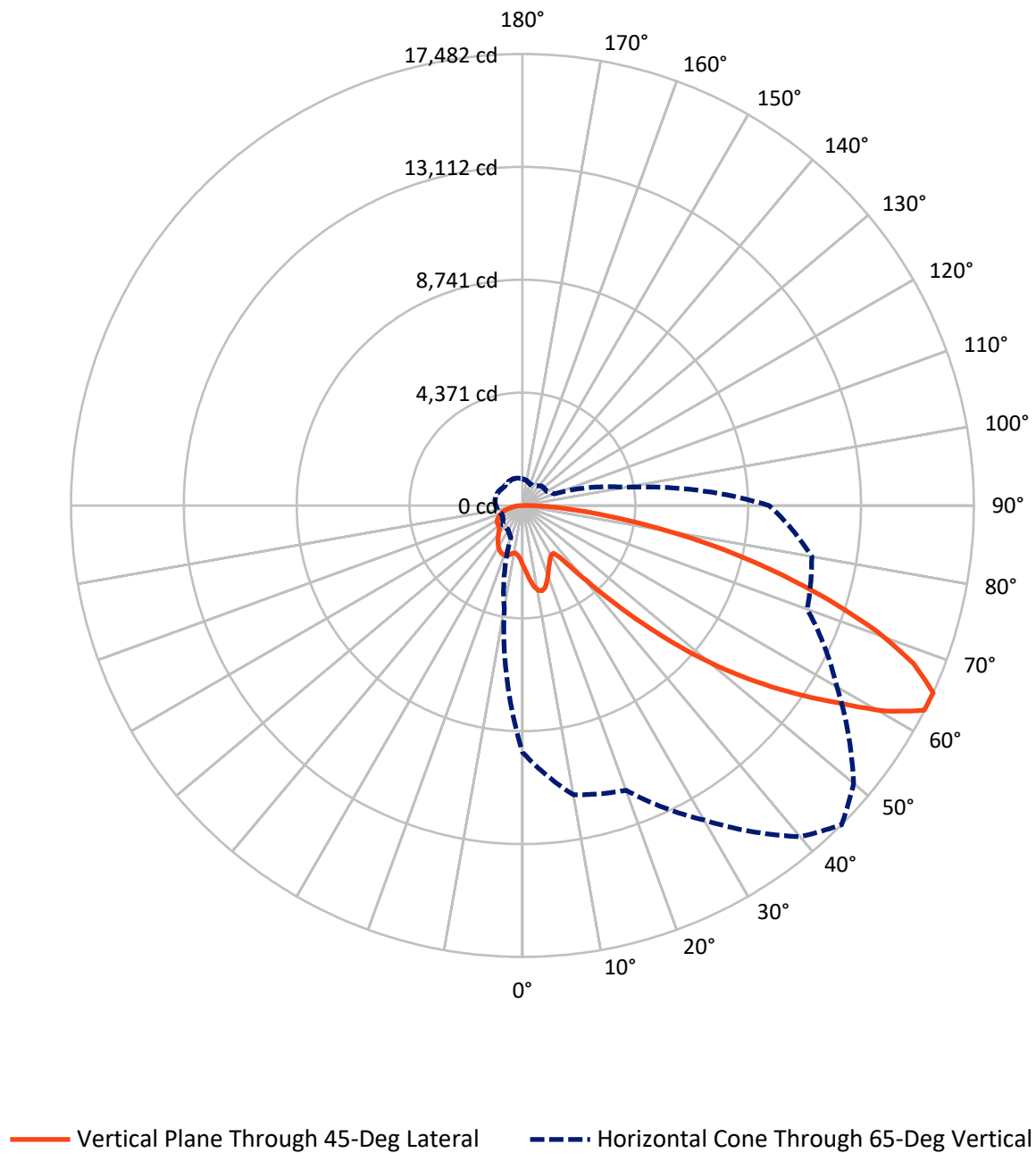


Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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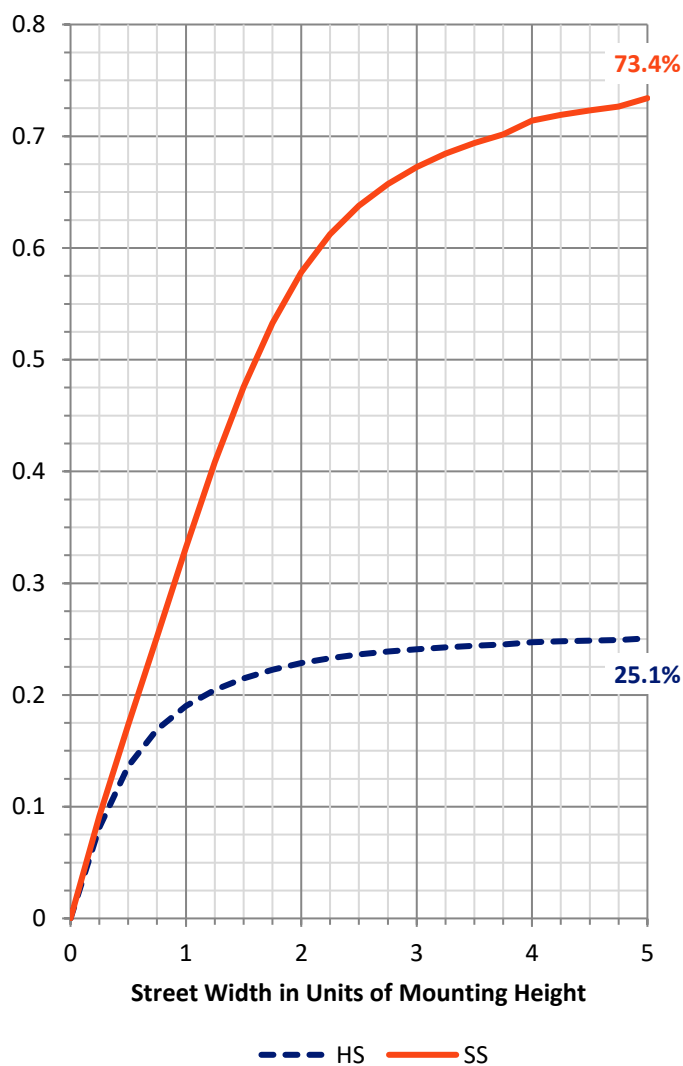
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4257.3	0.0	4257.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	12493.7	0.0	12493.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	16751.0	0.0	16751.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.5	1.4
10°-20°	717.3	4.3
20°-30°	1108.0	6.6
30°-40°	1404.1	8.4
40°-50°	2117.7	12.6
50°-60°	3421.5	20.4
60°-70°	4265.4	25.5
70°-80°	2797.0	16.7
80°-90°	691.5	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°	16751.0	100.0
0°-180°	16751.0	100.0

Coefficient of Utilization



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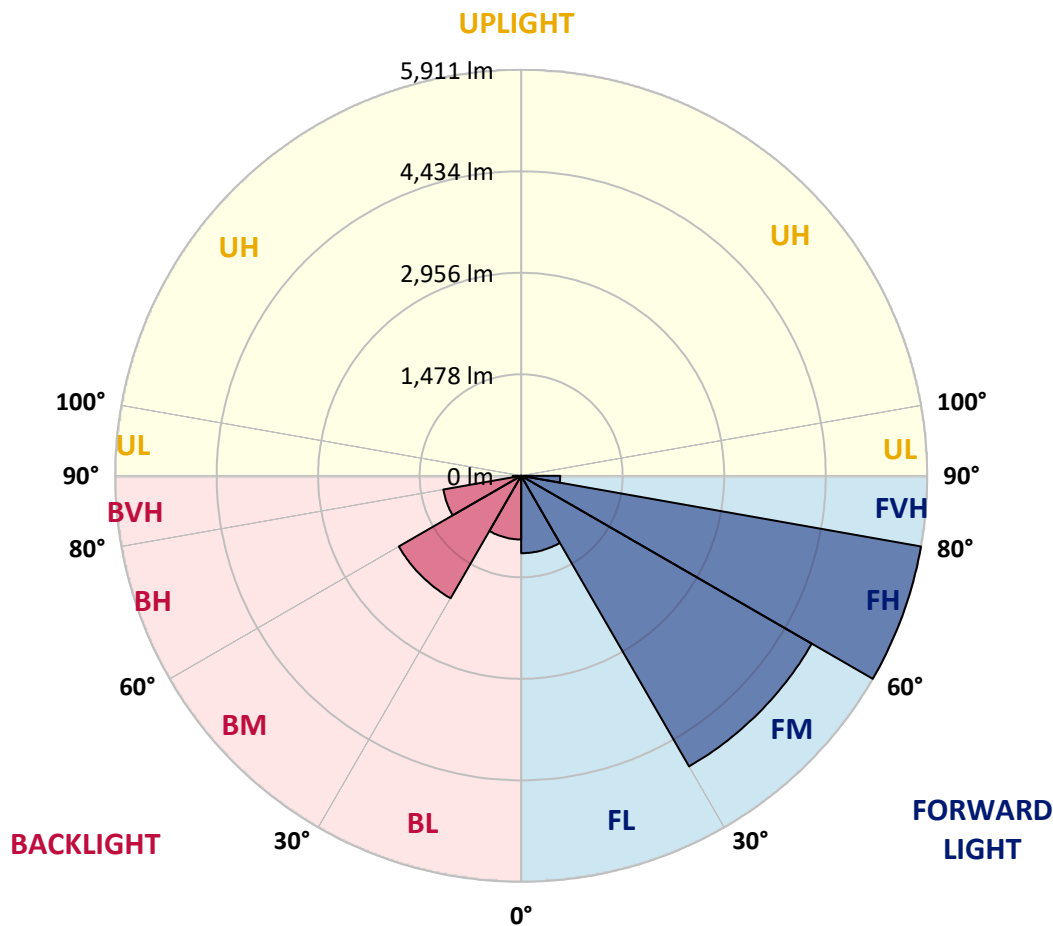
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1126.7	6.7			
FM	(30°-60°)	4885.9	29.2			
FH	(60°-80°)	5911.5	35.3			G3/7500
FVH	(80°-90°)	569.6	3.4			G4/750
BL	(0°-30°)	927.1	5.5	B2/1000		
BM	(30°-60°)	2057.4	12.3	B2/2500		
BH	(60°-80°)	1151.0	6.9	B3/2500		G3/2500
BVH	(80°-90°)	121.9	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2477.1	2486.5	2495.9	2509.3	2522.6	2530.6	2538.5	2542.5	2546.5	2544.7	2546.5
5°	2663.6	2696.4	2729.3	2761.8	2794.4	2812.1	2829.8	2840.5	2851.2	2859.4	2851.2
7.5°	2851.0	2904.4	2957.7	3005.7	3053.6	3082.6	3111.5	3127.1	3142.7	3150.2	3142.7
10°	2994.6	3057.7	3120.8	3177.1	3233.4	3267.5	3301.5	3316.7	3331.8	3337.6	3331.8
12.5°	3082.6	3151.0	3219.3	3270.2	3320.9	3345.7	3370.4	3378.7	3387.1	3387.9	3387.1
15°	3136.0	3195.1	3254.0	3285.9	3317.9	3318.8	3319.7	3310.9	3302.0	3291.6	3302.0
17.5°	3166.1	3205.9	3245.8	3246.4	3247.0	3211.2	3175.4	3142.6	3109.7	3086.5	3109.7
20°	3199.2	3213.1	3227.1	3185.1	3143.1	3064.1	2985.1	2927.5	2870.0	2834.6	2870.0
22.5°	3237.7	3219.5	3201.3	3114.3	3027.3	2911.1	2794.8	2722.9	2651.0	2611.9	2651.0
25°	3287.2	3229.7	3172.3	3040.2	2908.2	2767.0	2625.8	2550.2	2474.7	2437.8	2474.7
27.5°	3354.3	3251.6	3148.8	2973.9	2799.1	2642.6	2486.2	2411.8	2337.4	2302.5	2337.4
30°	3444.9	3291.8	3138.7	2923.4	2708.0	2545.1	2382.1	2313.0	2244.0	2211.5	2244.0
32.5°	3551.9	3342.1	3132.5	2888.9	2645.3	2492.1	2338.9	2284.8	2230.5	2207.1	2230.5
35°	3681.8	3425.1	3168.6	2914.7	2660.9	2554.5	2448.2	2435.5	2422.9	2421.0	2422.9
37.5°	3900.6	3598.7	3296.7	3066.0	2835.3	2828.4	2821.5	2879.3	2937.2	2967.2	2937.2
40°	4231.2	3902.8	3574.4	3402.9	3231.3	3352.4	3473.5	3614.0	3754.6	3824.6	3754.6
42.5°	4669.6	4343.8	4018.0	3919.2	3820.3	4084.4	4348.5	4604.2	4859.8	5009.9	4859.8
45°	5210.9	4918.3	4625.6	4582.0	4538.3	4961.4	5384.6	5804.7	6224.8	6479.8	6224.8
47.5°	5888.0	5603.3	5318.5	5309.7	5300.8	5911.3	6521.5	7136.4	7751.2	8112.3	7751.2
50°	6775.4	6423.7	6072.1	6073.6	6075.1	6861.8	7648.4	8460.1	9271.8	9762.5	9271.8
52.5°	7794.1	7368.2	6942.5	6899.4	6856.3	7796.0	8735.6	9739.9	10744.1	11332.3	10744.1
55°	8878.6	8457.9	8037.2	7869.3	7701.5	8747.3	9793.0	10990.2	12187.5	12887.1	12187.5
57.5°	9865.1	9635.9	9406.8	9070.1	8733.5	9789.5	10845.5	12201.5	13557.5	14425.0	13557.5
60°	10461.2	10817.1	11173.0	10754.9	10336.9	11336.2	12335.5	13787.4	15239.3	16176.9	15239.3
62.5°	10158.5	11130.9	12103.2	12056.1	12008.9	12924.4	13839.9	15221.2	16602.5	17469.1	16602.5
65°	9552.6	10465.2	11377.8	11558.4	11738.9	12902.3	14065.7	15405.2	16744.5	17482.4	16744.5
67.5°	8740.7	9608.7	10476.7	10561.4	10646.0	11858.1	13070.2	14415.4	15760.6	16338.6	15760.6
70°	7765.4	8709.5	9653.6	9691.5	9729.4	10813.4	11897.3	13054.9	14212.4	14533.7	14212.4
72.5°	6603.1	7686.4	8769.9	8797.1	8824.3	9672.4	10520.5	11387.5	12254.4	12286.9	12254.4
75°	5132.7	6254.0	7375.3	7476.0	7576.7	8236.5	8896.3	9506.6	10117.0	9953.4	10117.0
77.5°	3667.2	4713.9	5760.7	5904.8	6048.9	6550.5	7052.1	7484.9	7917.9	7636.8	7917.9
80°	2400.2	3280.8	4161.3	4340.4	4519.5	4898.3	5277.0	5504.3	5731.6	5279.5	5731.6
82.5°	1395.2	1997.2	2599.3	2799.4	2999.5	3260.2	3521.0	3615.8	3710.6	3355.2	3710.6
85°	613.9	933.4	1252.9	1423.1	1593.2	1807.5	2021.6	2075.5	2129.3	1844.7	2129.3
87.5°	190.0	297.4	404.8	499.7	594.7	701.8	808.9	813.5	818.0	686.8	818.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2542.5	2538.5	2530.6	2522.6	2509.3	2495.9	2486.5	2477.1	2458.1	2439.1	2418.8
5°	2840.5	2829.8	2812.1	2794.4	2761.8	2729.3	2696.4	2663.6	2621.6	2579.6	2537.7
7.5°	3127.1	3111.5	3082.6	3053.6	3005.7	2957.7	2904.4	2851.0	2781.7	2712.5	2648.5
10°	3316.7	3301.5	3267.5	3233.4	3177.1	3120.8	3057.7	2994.6	2907.0	2819.4	2734.8
12.5°	3378.7	3370.4	3345.7	3320.9	3270.2	3219.3	3151.0	3082.6	2986.3	2890.1	2794.3
15°	3310.9	3319.7	3318.8	3317.9	3285.9	3254.0	3195.1	3136.0	3035.7	2935.4	2831.4
17.5°	3142.6	3175.4	3211.2	3247.0	3246.4	3245.8	3205.9	3166.1	3064.3	2962.6	2849.2
20°	2927.5	2985.1	3064.1	3143.1	3185.1	3227.1	3213.1	3199.2	3093.5	2987.7	2863.1
22.5°	2722.9	2794.8	2911.1	3027.3	3114.3	3201.3	3219.5	3237.7	3129.7	3021.6	2881.8
25°	2550.2	2625.8	2767.0	2908.2	3040.2	3172.3	3229.7	3287.2	3181.3	3075.5	2915.8
27.5°	2411.8	2486.2	2642.6	2799.1	2973.9	3148.8	3251.6	3354.3	3253.4	3152.4	2968.8
30°	2313.0	2382.1	2545.1	2708.0	2923.4	3138.7	3291.8	3444.9	3347.4	3249.9	3037.5
32.5°	2284.8	2338.9	2492.1	2645.3	2888.9	3132.5	3342.1	3551.9	3455.3	3358.8	3109.2
35°	2435.5	2448.2	2554.5	2660.9	2914.7	3168.6	3425.1	3681.8	3589.4	3496.8	3190.8
37.5°	2879.3	2821.5	2828.4	2835.3	3066.0	3296.7	3598.7	3900.6	3782.7	3664.8	3282.3
40°	3614.0	3473.5	3352.4	3231.3	3402.9	3574.4	3902.8	4231.2	4059.3	3887.5	3398.5
42.5°	4604.2	4348.5	4084.4	3820.3	3919.2	4018.0	4343.8	4669.6	4421.6	4173.5	3550.4
45°	5804.7	5384.6	4961.4	4538.3	4582.0	4625.6	4918.3	5210.9	4876.4	4541.8	3750.3
47.5°	7136.4	6521.5	5911.3	5300.8	5309.7	5318.5	5603.3	5888.0	5417.2	4946.2	3963.3
50°	8460.1	7648.4	6861.8	6075.1	6073.6	6072.1	6423.7	6775.4	6065.6	5355.6	4161.0
52.5°	9739.9	8735.6	7796.0	6856.3	6899.4	6942.5	7368.2	7794.1	6746.7	5699.3	4289.3
55°	10990.2	9793.0	8747.3	7701.5	7869.3	8037.2	8457.9	8878.6	7350.6	5822.6	4261.0
57.5°	12201.5	10845.5	9789.5	8733.5	9070.1	9406.8	9635.9	9865.1	7778.5	5692.0	4062.0
60°	13787.4	12335.5	11336.2	10336.9	10754.9	11173.0	10817.1	10461.2	7885.5	5309.7	3691.5
62.5°	15221.2	13839.9	12924.4	12008.9	12056.1	12103.2	11130.9	10158.5	7435.2	4711.8	3190.7
65°	15405.2	14065.7	12902.3	11738.9	11558.4	11377.8	10465.2	9552.6	6798.0	4043.3	2679.6
67.5°	14415.4	13070.2	11858.1	10646.0	10561.4	10476.7	9608.7	8740.7	6039.7	3338.6	2179.0
70°	13054.9	11897.3	10813.4	9729.4	9691.5	9653.6	8709.5	7765.4	5212.3	2659.2	1715.6
72.5°	11387.5	10520.5	9672.4	8824.3	8797.1	8769.9	7686.4	6603.1	4315.3	2027.6	1311.6
75°	9506.6	8896.3	8236.5	7576.7	7476.0	7375.3	6254.0	5132.7	3287.1	1441.4	951.9
77.5°	7484.9	7052.1	6550.5	6048.9	5904.8	5760.7	4713.9	3667.2	2300.7	934.1	645.1
80°	5504.3	5277.0	4898.3	4519.5	4340.4	4161.3	3280.8	2400.2	1482.3	564.4	415.6
82.5°	3615.8	3521.0	3260.2	2999.5	2799.4	2599.3	1997.2	1395.2	857.9	320.7	255.6
85°	2075.5	2021.6	1807.5	1593.2	1423.1	1252.9	933.4	613.9	385.9	158.0	136.6
87.5°	813.5	808.9	701.8	594.7	499.7	404.8	297.4	190.0	126.4	62.8	56.7
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2398.7	2378.4	2358.0	2338.6	2319.1	2300.3	2279.4	2262.4	2245.5	2230.2	2215.0
5°	2495.9	2453.8	2411.7	2372.3	2333.0	2295.9	2259.2	2227.2	2195.1	2168.3	2141.5
7.5°	2584.5	2522.2	2459.9	2405.0	2350.1	2299.4	2252.0	2209.4	2166.8	2131.5	2096.1
10°	2650.3	2574.7	2498.9	2434.0	2369.0	2306.5	2255.5	2210.6	2165.7	2130.3	2095.0
12.5°	2698.5	2609.2	2520.0	2446.5	2373.1	2307.4	2259.9	2223.1	2186.6	2163.0	2139.7
15°	2727.5	2624.7	2521.9	2436.9	2351.8	2279.1	2241.1	2223.5	2206.0	2209.2	2212.4
17.5°	2735.8	2616.5	2497.2	2394.9	2292.6	2207.1	2183.6	2190.1	2196.5	2235.0	2273.5
20°	2738.5	2593.9	2449.2	2322.5	2195.7	2096.1	2089.9	2120.0	2150.1	2217.0	2284.0
22.5°	2742.0	2566.1	2390.2	2237.6	2084.9	1971.5	1983.6	2028.1	2072.5	2148.9	2225.4
25°	2756.0	2538.7	2321.5	2142.7	1964.0	1847.8	1880.5	1931.7	1983.0	2051.7	2120.4
27.5°	2785.1	2520.4	2255.7	2056.0	1856.3	1750.5	1790.3	1839.8	1889.3	1945.8	2002.2
30°	2825.1	2511.8	2198.4	1983.5	1768.7	1679.8	1711.0	1750.3	1789.7	1836.5	1883.4
32.5°	2859.5	2501.2	2142.7	1921.0	1699.3	1627.7	1641.6	1664.8	1688.0	1725.4	1762.9
35°	2884.8	2481.2	2077.8	1859.6	1641.4	1581.7	1576.0	1582.3	1588.8	1617.3	1645.8
37.5°	2899.9	2447.0	1994.2	1787.3	1580.4	1528.2	1507.2	1500.1	1493.1	1513.6	1534.0
40°	2909.3	2399.9	1890.6	1701.0	1511.4	1464.2	1431.9	1415.9	1399.9	1414.7	1429.4
42.5°	2927.3	2351.3	1775.6	1605.8	1436.1	1392.6	1351.9	1330.7	1309.5	1321.5	1333.6
45°	2958.8	2306.1	1653.6	1504.7	1355.9	1311.7	1272.4	1251.7	1231.1	1241.2	1251.4
47.5°	2980.5	2268.8	1557.2	1424.7	1292.2	1235.2	1201.4	1184.1	1166.7	1176.3	1185.7
50°	2966.3	2228.2	1490.1	1371.6	1253.2	1178.2	1138.9	1123.5	1108.2	1123.1	1138.0
52.5°	2879.3	2159.5	1439.9	1336.6	1233.5	1147.3	1092.3	1077.1	1062.0	1084.4	1106.6
55°	2699.4	2045.7	1391.9	1311.2	1230.5	1150.4	1067.6	1043.5	1019.6	1051.3	1082.9
57.5°	2432.0	1885.2	1338.2	1281.2	1224.2	1153.5	1052.7	1017.7	982.7	1016.8	1050.9
60°	2073.4	1676.7	1280.0	1235.2	1190.4	1143.7	1038.7	993.4	948.0	977.9	1007.8
62.5°	1669.5	1427.3	1185.1	1155.3	1125.6	1119.9	1022.5	965.7	909.1	928.1	947.1
65°	1315.9	1202.9	1089.8	1075.8	1061.7	1062.4	988.2	927.9	867.5	874.9	882.1
67.5°	1019.3	987.2	955.0	962.9	970.7	968.7	927.0	876.8	826.6	824.3	822.0
70°	772.1	781.3	790.4	826.8	863.1	863.1	849.4	813.7	778.0	770.0	762.1
72.5°	595.6	623.2	651.0	702.6	754.1	762.8	763.0	738.5	714.0	702.3	690.8
75°	462.4	487.6	512.7	570.5	628.3	668.2	664.9	646.0	627.1	616.0	604.8
77.5°	356.0	373.1	390.2	446.4	502.5	568.3	566.6	551.5	536.3	525.0	513.7
80°	266.9	274.0	281.1	328.6	376.1	454.8	454.5	441.9	429.1	419.7	410.1
82.5°	190.7	192.0	193.4	228.4	263.4	330.6	334.3	328.1	321.9	315.2	308.5
85°	115.3	114.7	114.0	139.7	165.3	215.2	220.1	213.5	206.8	199.3	191.8
87.5°	50.6	49.9	49.3	59.8	70.3	91.0	97.2	94.6	91.9	90.5	89.1
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: P947339

CATALOG NUMBER: GALN-SB2D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2201.7	2188.3	2174.9	2161.5	2151.2	2140.8	2132.4	2124.0	2117.4	2110.9	2104.9
5°	2117.8	2094.1	2072.6	2051.1	2034.5	2017.9	2006.3	1994.8	1986.5	1978.3	1972.0
7.5°	2066.3	2036.5	2010.1	1983.9	1964.2	1944.5	1930.8	1917.0	1907.5	1898.1	1892.5
10°	2062.9	2030.7	2001.1	1971.5	1948.0	1924.4	1909.0	1893.5	1884.5	1875.6	1870.8
12.5°	2114.4	2089.3	2058.7	2028.1	1998.0	1968.0	1948.1	1928.2	1918.2	1908.3	1904.2
15°	2205.8	2199.3	2172.7	2146.1	2103.3	2060.5	2030.3	2000.1	1986.2	1972.4	1967.1
17.5°	2294.0	2314.5	2293.0	2271.6	2214.9	2158.3	2113.7	2069.2	2048.7	2028.1	2021.4
20°	2326.8	2369.7	2359.8	2349.8	2285.0	2220.3	2165.7	2111.2	2084.9	2058.6	2050.2
22.5°	2281.2	2337.0	2343.0	2348.9	2287.1	2225.2	2169.0	2112.7	2085.0	2057.2	2048.0
25°	2175.3	2230.2	2250.7	2271.1	2220.4	2169.8	2119.7	2069.9	2045.8	2021.9	2013.1
27.5°	2046.2	2090.2	2113.0	2135.9	2099.8	2063.7	2024.9	1986.1	1970.0	1953.8	1949.9
30°	1919.9	1956.5	1975.0	1993.6	1966.1	1938.5	1910.8	1882.9	1874.6	1866.3	1866.3
32.5°	1797.9	1833.0	1853.6	1874.3	1849.0	1823.6	1801.4	1779.3	1773.9	1768.5	1769.2
35°	1680.4	1715.2	1739.9	1764.7	1746.6	1728.7	1708.2	1687.8	1679.6	1671.4	1669.7
37.5°	1568.5	1603.2	1633.8	1664.4	1656.0	1647.7	1628.9	1610.0	1595.1	1580.2	1572.3
40°	1462.8	1496.2	1531.4	1566.7	1568.7	1570.7	1554.7	1538.7	1516.9	1495.4	1480.7
42.5°	1365.3	1397.0	1435.0	1473.0	1483.2	1493.3	1479.8	1466.4	1439.4	1412.4	1391.1
45°	1281.5	1311.5	1350.9	1390.4	1404.9	1419.5	1407.3	1395.2	1364.4	1333.6	1308.6
47.5°	1215.2	1244.5	1283.4	1322.3	1339.1	1355.9	1347.4	1338.9	1311.5	1284.1	1261.0
50°	1165.8	1193.4	1228.2	1263.1	1284.6	1306.2	1305.7	1305.3	1283.4	1261.5	1240.1
52.5°	1132.1	1157.4	1189.9	1222.4	1248.0	1273.5	1278.1	1282.7	1264.8	1247.0	1227.8
55°	1110.3	1137.7	1166.2	1194.6	1221.6	1248.8	1255.1	1261.5	1245.9	1230.4	1213.6
57.5°	1083.1	1115.3	1143.4	1171.6	1198.9	1226.1	1232.6	1239.0	1223.3	1207.6	1190.9
60°	1044.8	1081.7	1110.2	1138.9	1166.3	1193.7	1200.8	1207.8	1192.5	1177.2	1160.0
62.5°	990.1	1033.3	1063.8	1094.3	1119.4	1144.5	1151.3	1158.1	1144.2	1130.3	1112.3
65°	928.3	974.5	1003.7	1032.8	1054.9	1077.0	1084.0	1090.9	1077.5	1064.2	1046.7
67.5°	864.6	907.3	935.0	962.6	981.6	1000.7	1007.5	1014.3	1002.0	989.8	973.5
70°	799.6	837.0	860.9	884.8	902.0	919.2	925.8	932.3	922.3	912.3	896.8
72.5°	720.3	749.7	771.3	792.8	809.7	826.6	834.4	842.2	833.9	825.5	810.7
75°	626.7	648.6	668.1	687.7	703.0	718.4	726.6	734.7	730.6	726.6	714.1
77.5°	531.6	549.3	566.1	582.9	599.1	615.2	622.8	630.4	624.7	618.9	606.3
80°	425.0	439.7	453.9	468.0	480.3	492.5	502.6	512.7	510.2	507.8	490.9
82.5°	307.2	306.0	301.1	296.1	322.3	348.4	365.6	382.7	381.7	380.5	366.3
85°	185.4	179.0	165.3	151.6	176.1	200.6	221.9	243.1	241.3	239.5	228.4
87.5°	88.8	88.6	78.1	67.6	77.9	88.2	96.8	105.4	103.2	100.9	95.3
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: P947339

CATALOG NUMBER: GALN-SB2D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2098.8	2091.3	2098.8	2104.9	2110.9	2117.4	2124.0	2132.4	2140.8	2151.2	2161.5
5°	1965.8	1959.6	1965.8	1972.0	1978.3	1986.5	1994.8	2006.3	2017.9	2034.5	2051.1
7.5°	1886.9	1882.7	1886.9	1892.5	1898.1	1907.5	1917.0	1930.8	1944.5	1964.2	1983.9
10°	1866.1	1864.1	1866.1	1870.8	1875.6	1884.5	1893.5	1909.0	1924.4	1948.0	1971.5
12.5°	1900.2	1899.5	1900.2	1904.2	1908.3	1918.2	1928.2	1948.1	1968.0	1998.0	2028.1
15°	1961.8	1961.3	1961.8	1967.1	1972.4	1986.2	2000.1	2030.3	2060.5	2103.3	2146.1
17.5°	2014.6	2013.5	2014.6	2021.4	2028.1	2048.7	2069.2	2113.7	2158.3	2214.9	2271.6
20°	2041.8	2039.1	2041.8	2050.2	2058.6	2084.9	2111.2	2165.7	2220.3	2285.0	2349.8
22.5°	2038.7	2034.7	2038.7	2048.0	2057.2	2085.0	2112.7	2169.0	2225.2	2287.1	2348.9
25°	2004.5	1999.4	2004.5	2013.1	2021.9	2045.8	2069.9	2119.7	2169.8	2220.4	2271.1
27.5°	1945.9	1944.5	1945.9	1949.9	1953.8	1970.0	1986.1	2024.9	2063.7	2099.8	2135.9
30°	1866.3	1867.7	1866.3	1866.3	1866.3	1874.6	1882.9	1910.8	1938.5	1966.1	1993.6
32.5°	1770.0	1771.3	1770.0	1769.2	1768.5	1773.9	1779.3	1801.4	1823.6	1849.0	1874.3
35°	1667.9	1667.0	1667.9	1669.7	1671.4	1679.6	1687.8	1708.2	1728.7	1746.6	1764.7
37.5°	1564.5	1560.1	1564.5	1572.3	1580.2	1595.1	1610.0	1628.9	1647.7	1656.0	1664.4
40°	1466.2	1457.5	1466.2	1480.7	1495.4	1516.9	1538.7	1554.7	1570.7	1568.7	1566.7
42.5°	1369.8	1355.9	1369.8	1391.1	1412.4	1439.4	1466.4	1479.8	1493.3	1483.2	1473.0
45°	1283.6	1267.5	1283.6	1308.6	1333.6	1364.4	1395.2	1407.3	1419.5	1404.9	1390.4
47.5°	1237.9	1222.4	1237.9	1261.0	1284.1	1311.5	1338.9	1347.4	1355.9	1339.1	1322.3
50°	1218.7	1203.9	1218.7	1240.1	1261.5	1283.4	1305.3	1305.7	1306.2	1284.6	1263.1
52.5°	1208.7	1195.0	1208.7	1227.8	1247.0	1264.8	1282.7	1278.1	1273.5	1248.0	1222.4
55°	1196.8	1184.4	1196.8	1213.6	1230.4	1245.9	1261.5	1255.1	1248.8	1221.6	1194.6
57.5°	1174.2	1161.4	1174.2	1190.9	1207.6	1223.3	1239.0	1232.6	1226.1	1198.9	1171.6
60°	1142.9	1129.6	1142.9	1160.0	1177.2	1192.5	1207.8	1200.8	1193.7	1166.3	1138.9
62.5°	1094.3	1078.3	1094.3	1112.3	1130.3	1144.2	1158.1	1151.3	1144.5	1119.4	1094.3
65°	1029.3	1015.6	1029.3	1046.7	1064.2	1077.5	1090.9	1084.0	1077.0	1054.9	1032.8
67.5°	957.2	944.9	957.2	973.5	989.8	1002.0	1014.3	1007.5	1000.7	981.6	962.6
70°	881.2	867.1	881.2	896.8	912.3	922.3	932.3	925.8	919.2	902.0	884.8
72.5°	795.9	782.2	795.9	810.7	825.5	833.9	842.2	834.4	826.6	809.7	792.8
75°	701.6	688.5	701.6	714.1	726.6	730.6	734.7	726.6	718.4	703.0	687.7
77.5°	593.8	583.4	593.8	606.3	618.9	624.7	630.4	622.8	615.2	599.1	582.9
80°	473.9	454.3	473.9	490.9	507.8	510.2	512.7	502.6	492.5	480.3	468.0
82.5°	352.0	339.4	352.0	366.3	380.5	381.7	382.7	365.6	348.4	322.3	296.1
85°	217.3	205.9	217.3	228.4	239.5	241.3	243.1	221.9	200.6	176.1	151.6
87.5°	89.4	84.0	89.4	95.3	100.9	103.2	105.4	96.8	88.2	77.9	67.6
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: P947339

CATALOG NUMBER: GALN-SB2D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2174.9	2188.3	2201.7	2215.0	2230.2	2245.5	2262.4	2279.4	2300.3	2319.1	2338.6
5°	2072.6	2094.1	2117.8	2141.5	2168.3	2195.1	2227.2	2259.2	2295.9	2333.0	2372.3
7.5°	2010.1	2036.5	2066.3	2096.1	2131.5	2166.8	2209.4	2252.0	2299.4	2350.1	2405.0
10°	2001.1	2030.7	2062.9	2095.0	2130.3	2165.7	2210.6	2255.5	2306.5	2369.0	2434.0
12.5°	2058.7	2089.3	2114.4	2139.7	2163.0	2186.6	2223.1	2259.9	2307.4	2373.1	2446.5
15°	2172.7	2199.3	2205.8	2212.4	2209.2	2206.0	2223.5	2241.1	2279.1	2351.8	2436.9
17.5°	2293.0	2314.5	2294.0	2273.5	2235.0	2196.5	2190.1	2183.6	2207.1	2292.6	2394.9
20°	2359.8	2369.7	2326.8	2284.0	2217.0	2150.1	2120.0	2089.9	2096.1	2195.7	2322.5
22.5°	2343.0	2337.0	2281.2	2225.4	2148.9	2072.5	2028.1	1983.6	1971.5	2084.9	2237.6
25°	2250.7	2230.2	2175.3	2120.4	2051.7	1983.0	1931.7	1880.5	1847.8	1964.0	2142.7
27.5°	2113.0	2090.2	2046.2	2002.2	1945.8	1889.3	1839.8	1790.3	1750.5	1856.3	2056.0
30°	1975.0	1956.5	1919.9	1883.4	1836.5	1789.7	1750.3	1711.0	1679.8	1768.7	1983.5
32.5°	1853.6	1833.0	1797.9	1762.9	1725.4	1688.0	1664.8	1641.6	1627.7	1699.3	1921.0
35°	1739.9	1715.2	1680.4	1645.8	1617.3	1588.8	1582.3	1576.0	1581.7	1641.4	1859.6
37.5°	1633.8	1603.2	1568.5	1534.0	1513.6	1493.1	1500.1	1507.2	1528.2	1580.4	1787.3
40°	1531.4	1496.2	1462.8	1429.4	1414.7	1399.9	1415.9	1431.9	1464.2	1511.4	1701.0
42.5°	1435.0	1397.0	1365.3	1333.6	1321.5	1309.5	1330.7	1351.9	1392.6	1436.1	1605.8
45°	1350.9	1311.5	1281.5	1251.4	1241.2	1231.1	1251.7	1272.4	1311.7	1355.9	1504.7
47.5°	1283.4	1244.5	1215.2	1185.7	1176.3	1166.7	1184.1	1201.4	1235.2	1292.2	1424.7
50°	1228.2	1193.4	1165.8	1138.0	1123.1	1108.2	1123.5	1138.9	1178.2	1253.2	1371.6
52.5°	1189.9	1157.4	1132.1	1106.6	1084.4	1062.0	1077.1	1092.3	1147.3	1233.5	1336.6
55°	1166.2	1137.7	1110.3	1082.9	1051.3	1019.6	1043.5	1067.6	1150.4	1230.5	1311.2
57.5°	1143.4	1115.3	1083.1	1050.9	1016.8	982.7	1017.7	1052.7	1153.5	1224.2	1281.2
60°	1110.2	1081.7	1044.8	1007.8	977.9	948.0	993.4	1038.7	1143.7	1190.4	1235.2
62.5°	1063.8	1033.3	990.1	947.1	928.1	909.1	965.7	1022.5	1119.9	1125.6	1155.3
65°	1003.7	974.5	928.3	882.1	874.9	867.5	927.9	988.2	1062.4	1061.7	1075.8
67.5°	935.0	907.3	864.6	822.0	824.3	826.6	876.8	927.0	968.7	970.7	962.9
70°	860.9	837.0	799.6	762.1	770.0	778.0	813.7	849.4	863.1	863.1	826.8
72.5°	771.3	749.7	720.3	690.8	702.3	714.0	738.5	763.0	762.8	754.1	702.6
75°	668.1	648.6	626.7	604.8	616.0	627.1	646.0	664.9	668.2	628.3	570.5
77.5°	566.1	549.3	531.6	513.7	525.0	536.3	551.5	566.6	568.3	502.5	446.4
80°	453.9	439.7	425.0	410.1	419.7	429.1	441.9	454.5	454.8	376.1	328.6
82.5°	301.1	306.0	307.2	308.5	315.2	321.9	328.1	334.3	330.6	263.4	228.4
85°	165.3	179.0	185.4	191.8	199.3	206.8	213.5	220.1	215.2	165.3	139.7
87.5°	78.1	88.6	88.8	89.1	90.5	91.9	94.6	97.2	91.0	70.3	59.8
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-SB2D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4	2303.4
2.5°	2358.0	2378.4	2398.7	2418.8	2439.1	2458.1	2477.1
5°	2411.7	2453.8	2495.9	2537.7	2579.6	2621.6	2663.6
7.5°	2459.9	2522.2	2584.5	2648.5	2712.5	2781.7	2851.0
10°	2498.9	2574.7	2650.3	2734.8	2819.4	2907.0	2994.6
12.5°	2520.0	2609.2	2698.5	2794.3	2890.1	2986.3	3082.6
15°	2521.9	2624.7	2727.5	2831.4	2935.4	3035.7	3136.0
17.5°	2497.2	2616.5	2735.8	2849.2	2962.6	3064.3	3166.1
20°	2449.2	2593.9	2738.5	2863.1	2987.7	3093.5	3199.2
22.5°	2390.2	2566.1	2742.0	2881.8	3021.6	3129.7	3237.7
25°	2321.5	2538.7	2756.0	2915.8	3075.5	3181.3	3287.2
27.5°	2255.7	2520.4	2785.1	2968.8	3152.4	3253.4	3354.3
30°	2198.4	2511.8	2825.1	3037.5	3249.9	3347.4	3444.9
32.5°	2142.7	2501.2	2859.5	3109.2	3358.8	3455.3	3551.9
35°	2077.8	2481.2	2884.8	3190.8	3496.8	3589.4	3681.8
37.5°	1994.2	2447.0	2899.9	3282.3	3664.8	3782.7	3900.6
40°	1890.6	2399.9	2909.3	3398.5	3887.5	4059.3	4231.2
42.5°	1775.6	2351.3	2927.3	3550.4	4173.5	4421.6	4669.6
45°	1653.6	2306.1	2958.8	3750.3	4541.8	4876.4	5210.9
47.5°	1557.2	2268.8	2980.5	3963.3	4946.2	5417.2	5888.0
50°	1490.1	2228.2	2966.3	4161.0	5355.6	6065.6	6775.4
52.5°	1439.9	2159.5	2879.3	4289.3	5699.3	6746.7	7794.1
55°	1391.9	2045.7	2699.4	4261.0	5822.6	7350.6	8878.6
57.5°	1338.2	1885.2	2432.0	4062.0	5692.0	7778.5	9865.1
60°	1280.0	1676.7	2073.4	3691.5	5309.7	7885.5	10461.2
62.5°	1185.1	1427.3	1669.5	3190.7	4711.8	7435.2	10158.5
65°	1089.8	1202.9	1315.9	2679.6	4043.3	6798.0	9552.6
67.5°	955.0	987.2	1019.3	2179.0	3338.6	6039.7	8740.7
70°	790.4	781.3	772.1	1715.6	2659.2	5212.3	7765.4
72.5°	651.0	623.2	595.6	1311.6	2027.6	4315.3	6603.1
75°	512.7	487.6	462.4	951.9	1441.4	3287.1	5132.7
77.5°	390.2	373.1	356.0	645.1	934.1	2300.7	3667.2
80°	281.1	274.0	266.9	415.6	564.4	1482.3	2400.2
82.5°	193.4	192.0	190.7	255.6	320.7	857.9	1395.2
85°	114.0	114.7	115.3	136.6	158.0	385.9	613.9
87.5°	49.3	49.9	50.6	56.7	62.8	126.4	190.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)