

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: P949840

Luminaire Tested: **GALN-SB4C-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949840
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-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24706 lumens
Efficiency: N/A
Efficacy: 123.1 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



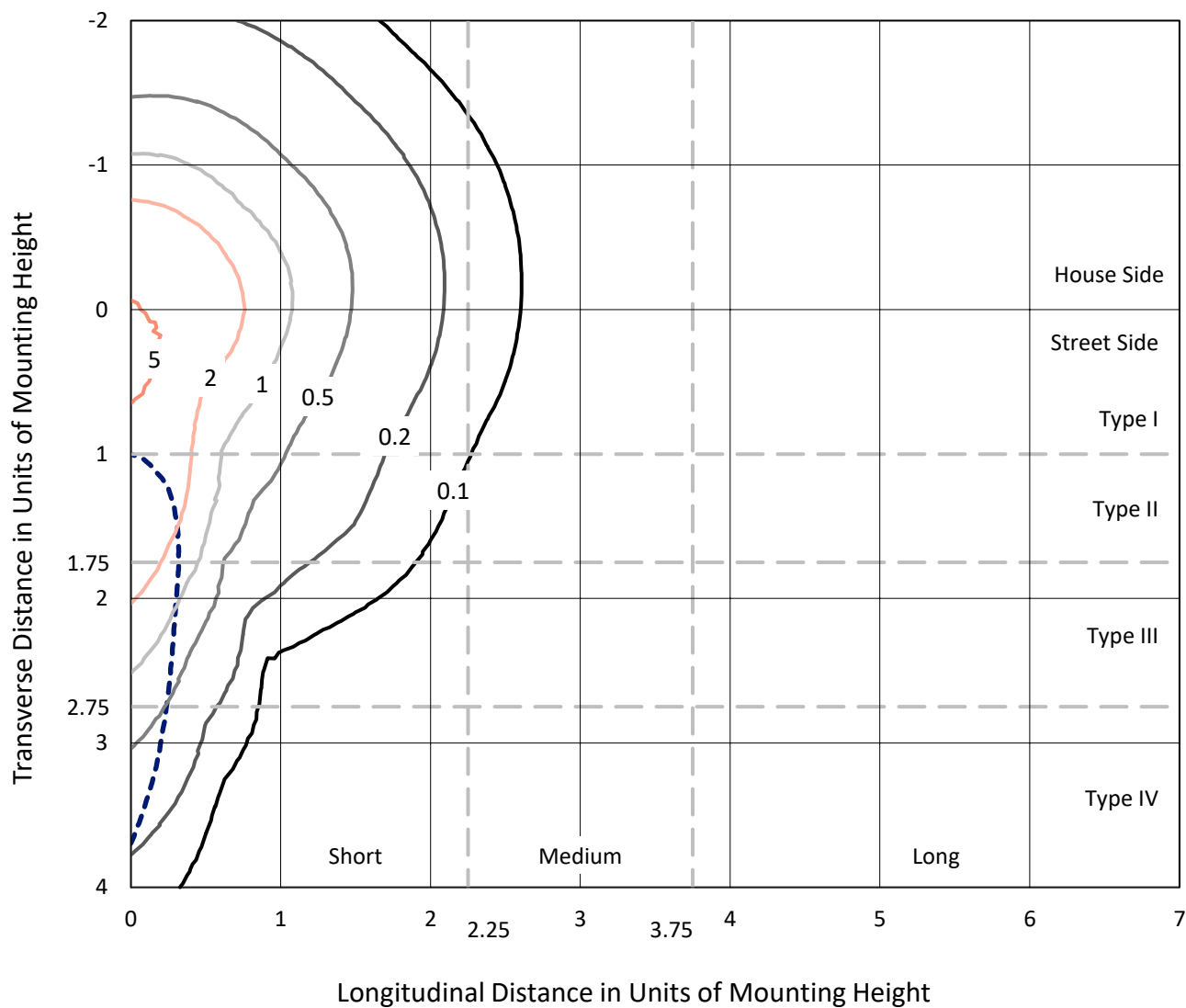
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

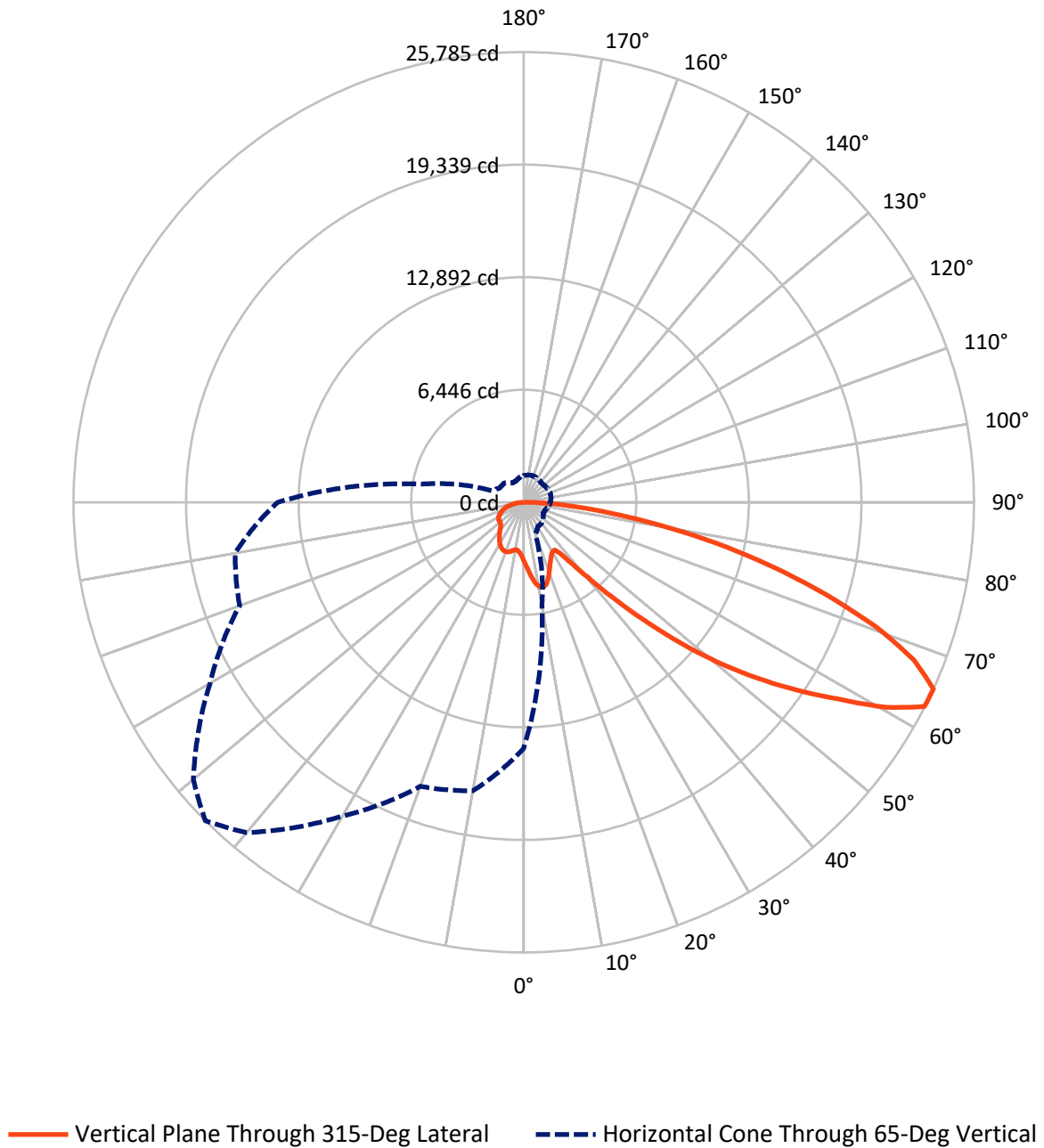


Based on 25 foot mounting height. Maximum calculated value = 6.7 fc

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	6279.0	0.0	6279.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	18427.0	0.0	18427.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	24706.0	0.0	24706.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.0	1.4
10°-20°	1057.9	4.3
20°-30°	1634.1	6.6
30°-40°	2070.9	8.4
40°-50°	3123.4	12.6
50°-60°	5046.3	20.4
60°-70°	6291.0	25.5
70°-80°	4125.4	16.7
80°-90°	1019.9	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°	24706.0	100.0
0°-180°	24706.0	100.0

Coefficient of Utilization



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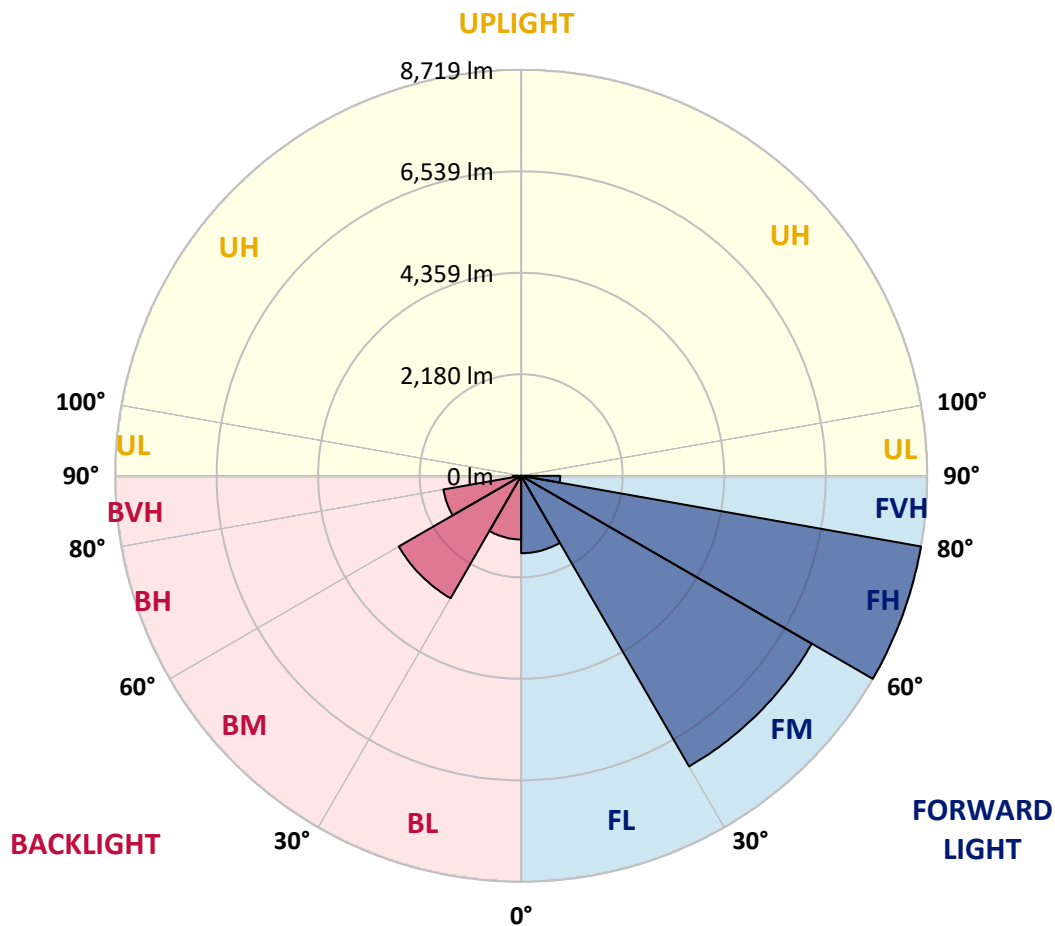
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1661.8	6.7			
FM	(30°-60°)	7206.2	29.2			
FH	(60°-80°)	8718.8	35.3			G4/12000
FVH	(80°-90°)	840.2	3.4			G5
BL	(0°-30°)	1367.3	5.5	B3/2500		
BM	(30°-60°)	3034.4	12.3	B3/5000		
BH	(60°-80°)	1697.6	6.9	B3/2500		G3/2500
BVH	(80°-90°)	179.7	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°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3653.5	3625.4	3597.4	3567.5	3537.8	3507.8	3477.9	3449.2	3420.5	3392.7	3361.8
5°	3928.5	3866.6	3804.7	3742.9	3681.2	3619.0	3557.0	3499.0	3441.0	3386.2	3332.1
7.5°	4204.9	4102.7	4000.6	3906.2	3811.8	3719.9	3628.0	3547.1	3466.1	3391.4	3321.4
10°	4416.7	4287.5	4158.4	4033.6	3909.0	3797.4	3685.7	3590.0	3494.0	3401.9	3326.6
12.5°	4546.4	4404.5	4262.6	4121.3	3980.0	3848.3	3716.7	3608.3	3500.0	3403.2	3333.1
15°	4625.3	4477.4	4329.4	4176.1	4022.8	3871.2	3719.5	3594.1	3468.7	3361.4	3305.4
17.5°	4669.6	4519.6	4369.5	4202.3	4035.0	3859.0	3683.0	3532.2	3381.4	3255.2	3220.6
20°	4718.5	4562.6	4406.6	4222.8	4038.9	3825.7	3612.4	3425.4	3238.5	3091.6	3082.5
22.5°	4775.2	4615.9	4456.5	4250.4	4044.2	3784.7	3525.3	3300.2	3075.0	2907.8	2925.6
25°	4848.2	4692.1	4536.0	4300.5	4064.8	3744.3	3424.0	3160.3	2896.7	2725.3	2773.5
27.5°	4947.3	4798.4	4649.4	4378.7	4107.8	3717.3	3326.9	3032.4	2737.9	2581.9	2640.5
30°	5080.9	4937.0	4793.2	4480.0	4166.7	3704.7	3242.4	2925.5	2608.6	2477.6	2523.6
32.5°	5238.7	5096.2	4953.8	4585.7	4217.5	3689.0	3160.3	2833.3	2506.2	2400.7	2421.1
35°	5430.3	5294.0	5157.5	4706.1	4254.8	3659.6	3064.6	2742.7	2420.9	2332.9	2324.4
37.5°	5753.0	5579.1	5405.2	4841.1	4277.0	3609.1	2941.3	2636.1	2330.9	2254.0	2223.0
40°	6240.5	5987.1	5733.7	5012.4	4290.9	3539.6	2788.5	2508.9	2229.2	2159.5	2111.9
42.5°	6887.1	6521.3	6155.5	5236.5	4317.4	3467.9	2618.8	2368.5	2118.2	2053.9	1993.9
45°	7685.6	7192.2	6698.8	5531.3	4363.9	3401.3	2438.9	2219.3	1999.8	1934.6	1876.6
47.5°	8684.2	7989.8	7295.2	5845.5	4395.9	3346.3	2296.8	2101.3	1905.9	1821.8	1771.9
50°	9993.1	8946.1	7899.0	6137.0	4375.0	3286.3	2197.7	2023.0	1848.3	1737.8	1679.7
52.5°	11495.5	9950.7	8405.9	6326.3	4246.6	3185.1	2123.6	1971.4	1819.2	1692.1	1611.0
55°	13095.1	10841.3	8587.7	6284.6	3981.3	3017.1	2053.0	1934.0	1814.9	1696.7	1574.5
57.5°	14549.9	11472.6	8395.2	5991.0	3587.0	2780.4	1973.7	1889.6	1805.5	1701.3	1552.6
60°	15429.2	11630.3	7831.2	5444.7	3058.1	2473.0	1887.9	1821.8	1755.7	1686.9	1532.0
62.5°	14982.7	10966.1	6949.4	4705.9	2462.3	2105.1	1747.9	1704.0	1660.2	1651.7	1508.1
65°	14089.1	10026.3	5963.5	3952.1	1940.9	1774.1	1607.4	1586.7	1565.9	1567.0	1457.5
67.5°	12891.7	8907.9	4924.1	3213.7	1503.4	1456.0	1408.6	1420.2	1431.7	1428.8	1367.3
70°	11453.1	7687.6	3922.0	2530.4	1138.7	1152.3	1165.7	1219.4	1273.0	1273.0	1252.8
72.5°	9738.8	6364.6	2990.6	1934.5	878.4	919.2	960.1	1036.3	1112.3	1125.0	1125.3
75°	7570.2	4848.1	2126.0	1404.0	682.1	719.1	756.1	841.4	926.6	985.6	980.6
77.5°	5408.8	3393.2	1377.7	951.4	525.1	550.3	575.6	658.3	741.1	838.2	835.6
80°	3540.0	2186.2	832.4	613.0	393.7	404.1	414.6	484.7	554.7	670.7	670.3
82.5°	2057.8	1265.3	473.0	377.0	281.3	283.2	285.2	336.9	388.5	487.6	493.0
85°	905.4	569.2	233.1	201.5	170.1	169.2	168.2	206.0	243.8	317.4	324.6
87.5°	280.3	186.4	92.6	83.6	74.6	73.7	72.7	88.1	103.6	134.3	143.4
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°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3336.8	3311.9	3289.3	3266.9	3247.2	3227.6	3207.7	3188.1	3172.8	3157.4	3145.0
5°	3284.9	3237.6	3198.0	3158.5	3123.5	3088.6	3056.9	3025.1	3000.7	2976.2	2959.1
7.5°	3258.6	3195.9	3143.7	3091.6	3047.7	3003.6	2964.7	2926.0	2897.0	2868.0	2847.7
10°	3260.4	3194.2	3142.0	3089.9	3042.6	2995.1	2951.4	2907.8	2873.1	2838.3	2815.6
12.5°	3278.9	3224.9	3190.3	3155.9	3118.6	3081.5	3036.3	2991.2	2946.9	2902.6	2873.2
15°	3279.4	3253.6	3258.3	3263.0	3253.4	3243.7	3204.5	3165.2	3102.1	3039.0	2994.5
17.5°	3230.2	3239.5	3296.4	3353.2	3383.5	3413.6	3381.9	3350.4	3266.8	3183.2	3117.5
20°	3126.8	3171.1	3269.8	3368.6	3431.8	3495.1	3480.5	3465.7	3370.2	3274.7	3194.2
22.5°	2991.2	3056.8	3169.4	3282.3	3364.6	3446.8	3455.7	3464.4	3373.2	3281.9	3199.0
25°	2849.1	2924.7	3026.0	3127.4	3208.4	3289.3	3319.6	3349.7	3274.9	3200.2	3126.4
27.5°	2713.5	2786.5	2869.8	2953.0	3017.9	3082.8	3116.5	3150.2	3096.9	3043.7	2986.5
30°	2581.5	2639.6	2708.7	2777.8	2831.6	2885.6	2913.0	2940.4	2899.8	2859.1	2818.2
32.5°	2455.4	2489.7	2544.8	2600.1	2651.7	2703.5	2733.9	2764.4	2727.1	2689.7	2657.0
35°	2333.8	2343.3	2385.4	2427.4	2478.5	2529.7	2566.2	2602.7	2576.1	2549.7	2519.4
37.5°	2212.5	2202.1	2232.4	2262.5	2313.4	2364.5	2409.6	2454.8	2442.5	2430.2	2402.5
40°	2088.3	2064.7	2086.5	2108.2	2157.5	2206.8	2258.7	2310.7	2313.7	2316.6	2293.0
42.5°	1962.6	1931.3	1949.1	1966.9	2013.6	2060.4	2116.5	2172.5	2187.5	2202.5	2182.6
45°	1846.1	1815.7	1830.6	1845.7	1890.0	1934.3	1992.5	2050.6	2072.1	2093.6	2075.7
47.5°	1746.4	1720.8	1734.9	1748.8	1792.2	1835.5	1892.9	1950.2	1975.0	1999.8	1987.3
50°	1657.1	1634.5	1656.4	1678.4	1719.4	1760.2	1811.5	1862.9	1894.7	1926.5	1925.7
52.5°	1588.6	1566.3	1599.3	1632.2	1669.7	1707.1	1755.0	1802.9	1840.6	1878.3	1885.1
55°	1539.1	1503.7	1550.6	1597.2	1637.6	1678.0	1720.0	1761.9	1801.8	1841.8	1851.2
57.5°	1501.0	1449.4	1499.7	1550.0	1597.5	1644.9	1686.4	1728.0	1768.3	1808.4	1817.9
60°	1465.2	1398.2	1442.3	1486.4	1540.9	1595.4	1637.5	1679.7	1720.2	1760.6	1771.0
62.5°	1424.4	1340.8	1368.8	1396.9	1460.3	1524.0	1568.9	1613.9	1650.9	1688.0	1698.0
65°	1368.6	1279.5	1290.3	1301.0	1369.1	1437.3	1480.3	1523.3	1555.9	1588.5	1598.8
67.5°	1293.2	1219.2	1215.8	1212.4	1275.2	1338.2	1379.0	1419.7	1447.8	1476.0	1486.0
70°	1200.1	1147.5	1135.7	1124.0	1179.3	1234.5	1269.7	1304.9	1330.4	1355.8	1365.4
72.5°	1089.2	1053.1	1035.9	1018.8	1062.3	1105.7	1137.6	1169.4	1194.3	1219.2	1230.6
75°	952.8	924.9	908.5	892.0	924.3	956.6	985.4	1014.2	1036.9	1059.6	1071.6
77.5°	813.3	791.0	774.4	757.7	784.0	810.2	835.0	859.8	883.6	907.3	918.5
80°	651.7	632.9	619.0	604.9	626.8	648.6	669.4	690.3	708.4	726.4	741.3
82.5°	483.9	474.8	464.9	455.0	453.1	451.3	444.0	436.7	475.3	513.9	539.2
85°	314.8	305.1	294.0	282.9	273.5	264.0	243.8	223.6	259.7	295.9	327.2
87.5°	139.5	135.6	133.5	131.4	131.0	130.6	115.2	99.7	114.9	130.1	142.7
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°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3132.6	3123.0	3113.4	3104.5	3095.5	3084.4	3095.5	3104.5	3113.4	3123.0	3132.6
5°	2942.1	2929.9	2917.8	2908.6	2899.3	2890.2	2899.3	2908.6	2917.8	2929.9	2942.1
7.5°	2827.3	2813.4	2799.6	2791.2	2783.0	2776.8	2783.0	2791.2	2799.6	2813.4	2827.3
10°	2792.7	2779.5	2766.3	2759.3	2752.2	2749.4	2752.2	2759.3	2766.3	2779.5	2792.7
12.5°	2843.9	2829.2	2814.6	2808.6	2802.6	2801.5	2802.6	2808.6	2814.6	2829.2	2843.9
15°	2949.9	2929.4	2909.1	2901.3	2893.4	2892.8	2893.4	2901.3	2909.1	2929.4	2949.9
17.5°	3051.8	3021.6	2991.2	2981.3	2971.3	2969.7	2971.3	2981.3	2991.2	3021.6	3051.8
20°	3113.7	3075.0	3036.2	3023.8	3011.4	3007.5	3011.4	3023.8	3036.2	3075.0	3113.7
22.5°	3116.0	3075.2	3034.2	3020.5	3006.8	3001.0	3006.8	3020.5	3034.2	3075.2	3116.0
25°	3052.9	3017.4	2982.1	2969.2	2956.4	2948.8	2956.4	2969.2	2982.1	3017.4	3052.9
27.5°	2929.3	2905.6	2881.7	2875.8	2870.0	2868.0	2870.0	2875.8	2881.7	2905.6	2929.3
30°	2777.0	2764.9	2752.6	2752.6	2752.6	2754.6	2752.6	2752.6	2752.6	2764.9	2777.0
32.5°	2624.2	2616.3	2608.3	2609.4	2610.5	2612.5	2610.5	2609.4	2608.3	2616.3	2624.2
35°	2489.3	2477.2	2465.2	2462.6	2460.0	2458.7	2460.0	2462.6	2465.2	2477.2	2489.3
37.5°	2374.6	2352.6	2330.6	2319.0	2307.4	2300.9	2307.4	2319.0	2330.6	2352.6	2374.6
40°	2269.4	2237.3	2205.5	2183.9	2162.5	2149.7	2162.5	2183.9	2205.5	2237.3	2269.4
42.5°	2162.7	2123.0	2083.2	2051.8	2020.4	1999.8	2020.4	2051.8	2083.2	2123.0	2162.7
45°	2057.8	2012.3	1966.9	1930.0	1893.1	1869.4	1893.1	1930.0	1966.9	2012.3	2057.8
47.5°	1974.8	1934.3	1893.9	1859.8	1825.7	1802.9	1825.7	1859.8	1893.9	1934.3	1974.8
50°	1925.2	1892.9	1860.6	1829.0	1797.5	1775.6	1797.5	1829.0	1860.6	1892.9	1925.2
52.5°	1891.8	1865.5	1839.2	1810.9	1782.7	1762.5	1782.7	1810.9	1839.2	1865.5	1891.8
55°	1860.6	1837.6	1814.7	1789.9	1765.1	1746.9	1765.1	1789.9	1814.7	1837.6	1860.6
57.5°	1827.4	1804.2	1781.0	1756.5	1731.9	1713.0	1731.9	1756.5	1781.0	1804.2	1827.4
60°	1781.4	1758.7	1736.2	1710.9	1685.6	1666.1	1685.6	1710.9	1736.2	1758.7	1781.4
62.5°	1708.0	1687.6	1667.1	1640.5	1613.9	1590.4	1613.9	1640.5	1667.1	1687.6	1708.0
65°	1609.0	1589.3	1569.6	1543.8	1518.1	1497.9	1518.1	1543.8	1569.6	1589.3	1609.0
67.5°	1495.9	1477.8	1459.8	1435.8	1411.8	1393.6	1411.8	1435.8	1459.8	1477.8	1495.9
70°	1375.1	1360.3	1345.6	1322.7	1299.7	1278.9	1299.7	1322.7	1345.6	1360.3	1375.1
72.5°	1242.1	1229.9	1217.6	1195.7	1173.9	1153.7	1173.9	1195.7	1217.6	1229.9	1242.1
75°	1083.6	1077.6	1071.6	1053.2	1034.8	1015.5	1034.8	1053.2	1071.6	1077.6	1083.6
77.5°	929.8	921.4	912.8	894.3	875.8	860.4	875.8	894.3	912.8	921.4	929.8
80°	756.1	752.5	748.9	724.0	699.0	670.1	699.0	724.0	748.9	752.5	756.1
82.5°	564.5	562.9	561.2	540.2	519.1	500.6	519.1	540.2	561.2	562.9	564.5
85°	358.5	355.9	353.3	336.9	320.4	303.7	320.4	336.9	353.3	355.9	358.5
87.5°	155.4	152.3	148.9	140.5	131.9	123.8	131.9	140.5	148.9	152.3	155.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949840

CATALOG NUMBER: GALN-SB4C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3145.0	3157.4	3172.8	3188.1	3207.7	3227.6	3247.2	3266.9	3289.3	3311.9	3336.8
5°	2959.1	2976.2	3000.7	3025.1	3056.9	3088.6	3123.5	3158.5	3198.0	3237.6	3284.9
7.5°	2847.7	2868.0	2897.0	2926.0	2964.7	3003.6	3047.7	3091.6	3143.7	3195.9	3258.6
10°	2815.6	2838.3	2873.1	2907.8	2951.4	2995.1	3042.6	3089.9	3142.0	3194.2	3260.4
12.5°	2873.2	2902.6	2946.9	2991.2	3036.3	3081.5	3118.6	3155.9	3190.3	3224.9	3278.9
15°	2994.5	3039.0	3102.1	3165.2	3204.5	3243.7	3253.4	3263.0	3258.3	3253.6	3279.4
17.5°	3117.5	3183.2	3266.8	3350.4	3381.9	3413.6	3383.5	3353.2	3296.4	3239.5	3230.2
20°	3194.2	3274.7	3370.2	3465.7	3480.5	3495.1	3431.8	3368.6	3269.8	3171.1	3126.8
22.5°	3199.0	3281.9	3373.2	3464.4	3455.7	3446.8	3364.6	3282.3	3169.4	3056.8	2991.2
25°	3126.4	3200.2	3274.9	3349.7	3319.6	3289.3	3208.4	3127.4	3026.0	2924.7	2849.1
27.5°	2986.5	3043.7	3096.9	3150.2	3116.5	3082.8	3017.9	2953.0	2869.8	2786.5	2713.5
30°	2818.2	2859.1	2899.8	2940.4	2913.0	2885.6	2831.6	2777.8	2708.7	2639.6	2581.5
32.5°	2657.0	2689.7	2727.1	2764.4	2733.9	2703.5	2651.7	2600.1	2544.8	2489.7	2455.4
35°	2519.4	2549.7	2576.1	2602.7	2566.2	2529.7	2478.5	2427.4	2385.4	2343.3	2333.8
37.5°	2402.5	2430.2	2442.5	2454.8	2409.6	2364.5	2313.4	2262.5	2232.4	2202.1	2212.5
40°	2293.0	2316.6	2313.7	2310.7	2258.7	2206.8	2157.5	2108.2	2086.5	2064.7	2088.3
42.5°	2182.6	2202.5	2187.5	2172.5	2116.5	2060.4	2013.6	1966.9	1949.1	1931.3	1962.6
45°	2075.7	2093.6	2072.1	2050.6	1992.5	1934.3	1890.0	1845.7	1830.6	1815.7	1846.1
47.5°	1987.3	1999.8	1975.0	1950.2	1892.9	1835.5	1792.2	1748.8	1734.9	1720.8	1746.4
50°	1925.7	1926.5	1894.7	1862.9	1811.5	1760.2	1719.4	1678.4	1656.4	1634.5	1657.1
52.5°	1885.1	1878.3	1840.6	1802.9	1755.0	1707.1	1669.7	1632.2	1599.3	1566.3	1588.6
55°	1851.2	1841.8	1801.8	1761.9	1720.0	1678.0	1637.6	1597.2	1550.6	1503.7	1539.1
57.5°	1817.9	1808.4	1768.3	1728.0	1686.4	1644.9	1597.5	1550.0	1499.7	1449.4	1501.0
60°	1771.0	1760.6	1720.2	1679.7	1637.5	1595.4	1540.9	1486.4	1442.3	1398.2	1465.2
62.5°	1698.0	1688.0	1650.9	1613.9	1568.9	1524.0	1460.3	1396.9	1368.8	1340.8	1424.4
65°	1598.8	1588.5	1555.9	1523.3	1480.3	1437.3	1369.1	1301.0	1290.3	1279.5	1368.6
67.5°	1486.0	1476.0	1447.8	1419.7	1379.0	1338.2	1275.2	1212.4	1215.8	1219.2	1293.2
70°	1365.4	1355.8	1330.4	1304.9	1269.7	1234.5	1179.3	1124.0	1135.7	1147.5	1200.1
72.5°	1230.6	1219.2	1194.3	1169.4	1137.6	1105.7	1062.3	1018.8	1035.9	1053.1	1089.2
75°	1071.6	1059.6	1036.9	1014.2	985.4	956.6	924.3	892.0	908.5	924.9	952.8
77.5°	918.5	907.3	883.6	859.8	835.0	810.2	784.0	757.7	774.4	791.0	813.3
80°	741.3	726.4	708.4	690.3	669.4	648.6	626.8	604.9	619.0	632.9	651.7
82.5°	539.2	513.9	475.3	436.7	444.0	451.3	453.1	455.0	464.9	474.8	483.9
85°	327.2	295.9	259.7	223.6	243.8	264.0	273.5	282.9	294.0	305.1	314.8
87.5°	142.7	130.1	114.9	99.7	115.2	130.6	131.0	131.4	133.5	135.6	139.5
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: P949840

CATALOG NUMBER: GALN-SB4C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3361.8	3392.7	3420.5	3449.2	3477.9	3507.8	3537.8	3567.5	3597.4	3625.4	3653.5
5°	3332.1	3386.2	3441.0	3499.0	3557.0	3619.0	3681.2	3742.9	3804.7	3866.6	3928.5
7.5°	3321.4	3391.4	3466.1	3547.1	3628.0	3719.9	3811.8	3906.2	4000.6	4102.7	4204.9
10°	3326.6	3401.9	3494.0	3590.0	3685.7	3797.4	3909.0	4033.6	4158.4	4287.5	4416.7
12.5°	3333.1	3403.2	3500.0	3608.3	3716.7	3848.3	3980.0	4121.3	4262.6	4404.5	4546.4
15°	3305.4	3361.4	3468.7	3594.1	3719.5	3871.2	4022.8	4176.1	4329.4	4477.4	4625.3
17.5°	3220.6	3255.2	3381.4	3532.2	3683.0	3859.0	4035.0	4202.3	4369.5	4519.6	4669.6
20°	3082.5	3091.6	3238.5	3425.4	3612.4	3825.7	4038.9	4222.8	4406.6	4562.6	4718.5
22.5°	2925.6	2907.8	3075.0	3300.2	3525.3	3784.7	4044.2	4250.4	4456.5	4615.9	4775.2
25°	2773.5	2725.3	2896.7	3160.3	3424.0	3744.3	4064.8	4300.5	4536.0	4692.1	4848.2
27.5°	2640.5	2581.9	2737.9	3032.4	3326.9	3717.3	4107.8	4378.7	4649.4	4798.4	4947.3
30°	2523.6	2477.6	2608.6	2925.5	3242.4	3704.7	4166.7	4480.0	4793.2	4937.0	5080.9
32.5°	2421.1	2400.7	2506.2	2833.3	3160.3	3689.0	4217.5	4585.7	4953.8	5096.2	5238.7
35°	2324.4	2332.9	2420.9	2742.7	3064.6	3659.6	4254.8	4706.1	5157.5	5294.0	5430.3
37.5°	2223.0	2254.0	2330.9	2636.1	2941.3	3609.1	4277.0	4841.1	5405.2	5579.1	5753.0
40°	2111.9	2159.5	2229.2	2508.9	2788.5	3539.6	4290.9	5012.4	5733.7	5987.1	6240.5
42.5°	1993.9	2053.9	2118.2	2368.5	2618.8	3467.9	4317.4	5236.5	6155.5	6521.3	6887.1
45°	1876.6	1934.6	1999.8	2219.3	2438.9	3401.3	4363.9	5531.3	6698.8	7192.2	7685.6
47.5°	1771.9	1821.8	1905.9	2101.3	2296.8	3346.3	4395.9	5845.5	7295.2	7989.8	8684.2
50°	1679.7	1737.8	1848.3	2023.0	2197.7	3286.3	4375.0	6137.0	7899.0	8946.1	9993.1
52.5°	1611.0	1692.1	1819.2	1971.4	2123.6	3185.1	4246.6	6326.3	8405.9	9950.7	11495.5
55°	1574.5	1696.7	1814.9	1934.0	2053.0	3017.1	3981.3	6284.6	8587.7	10841.3	13095.1
57.5°	1552.6	1701.3	1805.5	1889.6	1973.7	2780.4	3587.0	5991.0	8395.2	11472.6	14549.9
60°	1532.0	1686.9	1755.7	1821.8	1887.9	2473.0	3058.1	5444.7	7831.2	11630.3	15429.2
62.5°	1508.1	1651.7	1660.2	1704.0	1747.9	2105.1	2462.3	4705.9	6949.4	10966.1	14982.7
65°	1457.5	1567.0	1565.9	1586.7	1607.4	1774.1	1940.9	3952.1	5963.5	10026.3	14089.1
67.5°	1367.3	1428.8	1431.7	1420.2	1408.6	1456.0	1503.4	3213.7	4924.1	8907.9	12891.7
70°	1252.8	1273.0	1273.0	1219.4	1165.7	1152.3	1138.7	2530.4	3922.0	7687.6	11453.1
72.5°	1125.3	1125.0	1112.3	1036.3	960.1	919.2	878.4	1934.5	2990.6	6364.6	9738.8
75°	980.6	985.6	926.6	841.4	756.1	719.1	682.1	1404.0	2126.0	4848.1	7570.2
77.5°	835.6	838.2	741.1	658.3	575.6	550.3	525.1	951.4	1377.7	3393.2	5408.8
80°	670.3	670.7	554.7	484.7	414.6	404.1	393.7	613.0	832.4	2186.2	3540.0
82.5°	493.0	487.6	388.5	336.9	285.2	283.2	281.3	377.0	473.0	1265.3	2057.8
85°	324.6	317.4	243.8	206.0	168.2	169.2	170.1	201.5	233.1	569.2	905.4
87.5°	143.4	134.3	103.6	88.1	72.7	73.7	74.6	83.6	92.6	186.4	280.3
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: P949840

CATALOG NUMBER: GALN-SB4C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3667.3	3681.2	3700.9	3720.6	3732.3	3744.1	3749.9	3755.8	3753.2	3755.8	3749.9
5°	3976.9	4025.4	4073.4	4121.5	4147.5	4173.6	4189.4	4205.3	4217.3	4205.3	4189.4
7.5°	4283.6	4362.2	4433.0	4503.8	4546.4	4589.1	4612.2	4635.1	4646.2	4635.1	4612.2
10°	4509.8	4602.9	4685.9	4769.0	4819.3	4869.4	4891.8	4914.1	4922.5	4914.1	4891.8
12.5°	4647.3	4748.1	4823.2	4898.0	4934.5	4971.0	4983.3	4995.6	4996.9	4995.6	4983.3
15°	4712.4	4799.4	4846.4	4893.6	4894.9	4896.2	4883.2	4870.1	4854.8	4870.1	4883.2
17.5°	4728.4	4787.2	4788.1	4788.9	4736.1	4683.3	4635.0	4586.5	4552.3	4586.5	4635.0
20°	4739.0	4759.6	4697.7	4635.7	4519.2	4402.7	4317.8	4232.9	4180.8	4232.9	4317.8
22.5°	4748.4	4721.5	4593.2	4465.0	4293.5	4122.1	4016.0	3909.9	3852.3	3909.9	4016.0
25°	4763.5	4678.8	4484.0	4289.2	4081.0	3872.9	3761.3	3649.9	3595.4	3649.9	3761.3
27.5°	4795.8	4644.2	4386.2	4128.4	3897.6	3666.9	3557.1	3447.5	3396.0	3447.5	3557.1
30°	4855.0	4629.2	4311.7	3994.1	3753.7	3513.3	3411.5	3309.7	3261.7	3309.7	3411.5
32.5°	4929.3	4620.1	4260.8	3901.5	3675.6	3449.7	3369.8	3289.7	3255.2	3289.7	3369.8
35°	5051.7	4673.3	4298.9	3924.6	3767.7	3610.8	3592.2	3573.5	3570.7	3573.5	3592.2
37.5°	5307.6	4862.3	4522.1	4181.8	4171.7	4161.5	4246.7	4332.0	4376.3	4332.0	4246.7
40°	5756.2	5271.9	5018.9	4765.8	4944.4	5123.0	5330.3	5537.6	5640.9	5537.6	5330.3
42.5°	6406.6	5926.1	5780.3	5634.6	6024.1	6413.7	6790.7	7167.7	7389.0	7167.7	6790.7
45°	7254.0	6822.2	6757.9	6693.5	7317.6	7941.8	8561.3	9180.9	9557.0	9180.9	8561.3
47.5°	8264.3	7844.3	7831.2	7818.2	8718.5	9618.5	10525.5	11432.3	11964.8	11432.3	10525.5
50°	9474.3	8955.8	8958.0	8960.2	10120.4	11280.7	12477.8	13674.9	14398.7	13674.9	12477.8
52.5°	10867.4	10239.4	10176.0	10112.3	11498.2	12884.1	14365.3	15846.4	16714.0	15846.4	14365.3
55°	12474.5	11854.0	11606.4	11358.9	12901.4	14443.7	16209.5	17975.3	19007.1	17975.3	16209.5
57.5°	14212.0	13874.0	13377.4	12881.0	14438.5	15995.9	17996.0	19995.9	21275.4	19995.9	17996.0
60°	15954.1	16479.1	15862.4	15245.8	16719.7	18193.6	20335.0	22476.3	23859.2	22476.3	20335.0
62.5°	16416.9	17851.0	17781.5	17711.9	19062.1	20412.4	22449.7	24486.9	25765.2	24486.9	22449.7
65°	15435.1	16781.1	17047.4	17313.7	19029.5	20745.5	22721.0	24696.4	25784.7	24696.4	22721.0
67.5°	14171.9	15452.1	15576.9	15701.7	17489.5	19277.2	21261.2	23245.2	24097.8	23245.2	21261.2
70°	12845.6	14238.1	14293.9	14349.8	15948.6	17547.3	19254.6	20961.9	21435.8	20961.9	19254.6
72.5°	11336.7	12934.7	12974.9	13014.9	14265.7	15516.6	16795.3	18073.9	18121.9	18073.9	16795.3
75°	9224.0	10877.8	11026.3	11174.8	12148.0	13121.1	14021.3	14921.5	14680.3	14921.5	14021.3
77.5°	6952.6	8496.5	8709.0	8921.5	9661.3	10401.1	11039.5	11678.0	11263.5	11678.0	11039.5
80°	4838.9	6137.5	6401.7	6665.8	7224.5	7783.0	8118.3	8453.5	7786.6	8453.5	8118.3
82.5°	2945.7	3833.7	4128.8	4423.9	4808.5	5193.1	5332.9	5472.7	4948.6	5472.7	5332.9
85°	1376.6	1847.9	2098.9	2349.8	2665.8	2981.7	3061.1	3140.5	2720.7	3140.5	3061.1
87.5°	438.7	597.1	737.1	877.1	1035.1	1193.1	1199.9	1206.5	1012.9	1206.5	1199.9
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: P949840

CATALOG NUMBER: GALN-SB4C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3	3397.3
2.5°	3744.1	3732.3	3720.6	3700.9	3681.2	3667.3	3653.5
5°	4173.6	4147.5	4121.5	4073.4	4025.4	3976.9	3928.5
7.5°	4589.1	4546.4	4503.8	4433.0	4362.2	4283.6	4204.9
10°	4869.4	4819.3	4769.0	4685.9	4602.9	4509.8	4416.7
12.5°	4971.0	4934.5	4898.0	4823.2	4748.1	4647.3	4546.4
15°	4896.2	4894.9	4893.6	4846.4	4799.4	4712.4	4625.3
17.5°	4683.3	4736.1	4788.9	4788.1	4787.2	4728.4	4669.6
20°	4402.7	4519.2	4635.7	4697.7	4759.6	4739.0	4718.5
22.5°	4122.1	4293.5	4465.0	4593.2	4721.5	4748.4	4775.2
25°	3872.9	4081.0	4289.2	4484.0	4678.8	4763.5	4848.2
27.5°	3666.9	3897.6	4128.4	4386.2	4644.2	4795.8	4947.3
30°	3513.3	3753.7	3994.1	4311.7	4629.2	4855.0	5080.9
32.5°	3449.7	3675.6	3901.5	4260.8	4620.1	4929.3	5238.7
35°	3610.8	3767.7	3924.6	4298.9	4673.3	5051.7	5430.3
37.5°	4161.5	4171.7	4181.8	4522.1	4862.3	5307.6	5753.0
40°	5123.0	4944.4	4765.8	5018.9	5271.9	5756.2	6240.5
42.5°	6413.7	6024.1	5634.6	5780.3	5926.1	6406.6	6887.1
45°	7941.8	7317.6	6693.5	6757.9	6822.2	7254.0	7685.6
47.5°	9618.5	8718.5	7818.2	7831.2	7844.3	8264.3	8684.2
50°	11280.7	10120.4	8960.2	8958.0	8955.8	9474.3	9993.1
52.5°	12884.1	11498.2	10112.3	10176.0	10239.4	10867.4	11495.5
55°	14443.7	12901.4	11358.9	11606.4	11854.0	12474.5	13095.1
57.5°	15995.9	14438.5	12881.0	13377.4	13874.0	14212.0	14549.9
60°	18193.6	16719.7	15245.8	15862.4	16479.1	15954.1	15429.2
62.5°	20412.4	19062.1	17711.9	17781.5	17851.0	16416.9	14982.7
65°	20745.5	19029.5	17313.7	17047.4	16781.1	15435.1	14089.1
67.5°	19277.2	17489.5	15701.7	15576.9	15452.1	14171.9	12891.7
70°	17547.3	15948.6	14349.8	14293.9	14238.1	12845.6	11453.1
72.5°	15516.6	14265.7	13014.9	12974.9	12934.7	11336.7	9738.8
75°	13121.1	12148.0	11174.8	11026.3	10877.8	9224.0	7570.2
77.5°	10401.1	9661.3	8921.5	8709.0	8496.5	6952.6	5408.8
80°	7783.0	7224.5	6665.8	6401.7	6137.5	4838.9	3540.0
82.5°	5193.1	4808.5	4423.9	4128.8	3833.7	2945.7	2057.8
85°	2981.7	2665.8	2349.8	2098.9	1847.9	1376.6	905.4
87.5°	1193.1	1035.1	877.1	737.1	597.1	438.7	280.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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