

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: P948601

Luminaire Tested: **GALN-SB3C-835-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948601
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-SB3C-835-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20767 lumens
Efficiency: N/A
Efficacy: 139.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

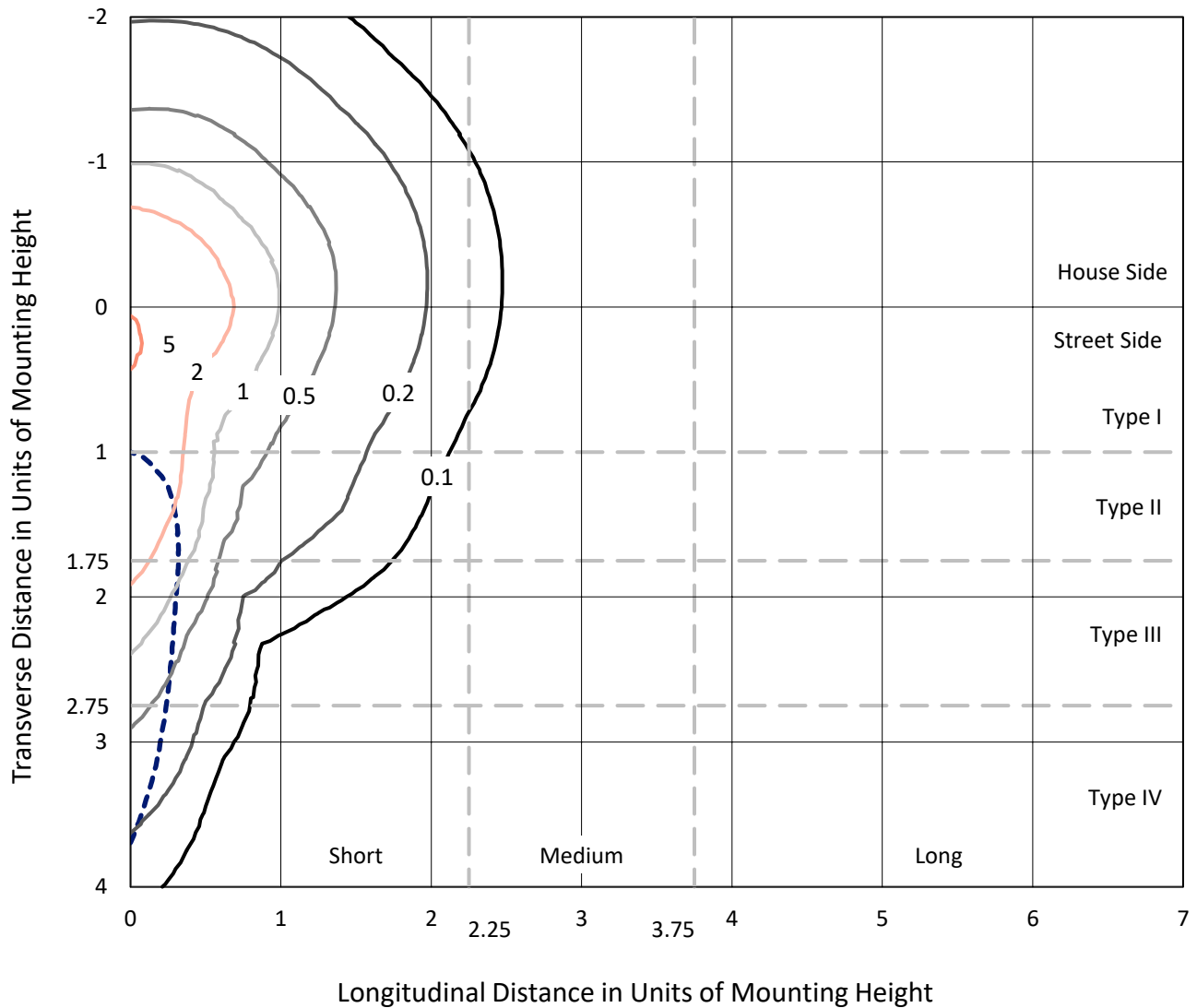
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

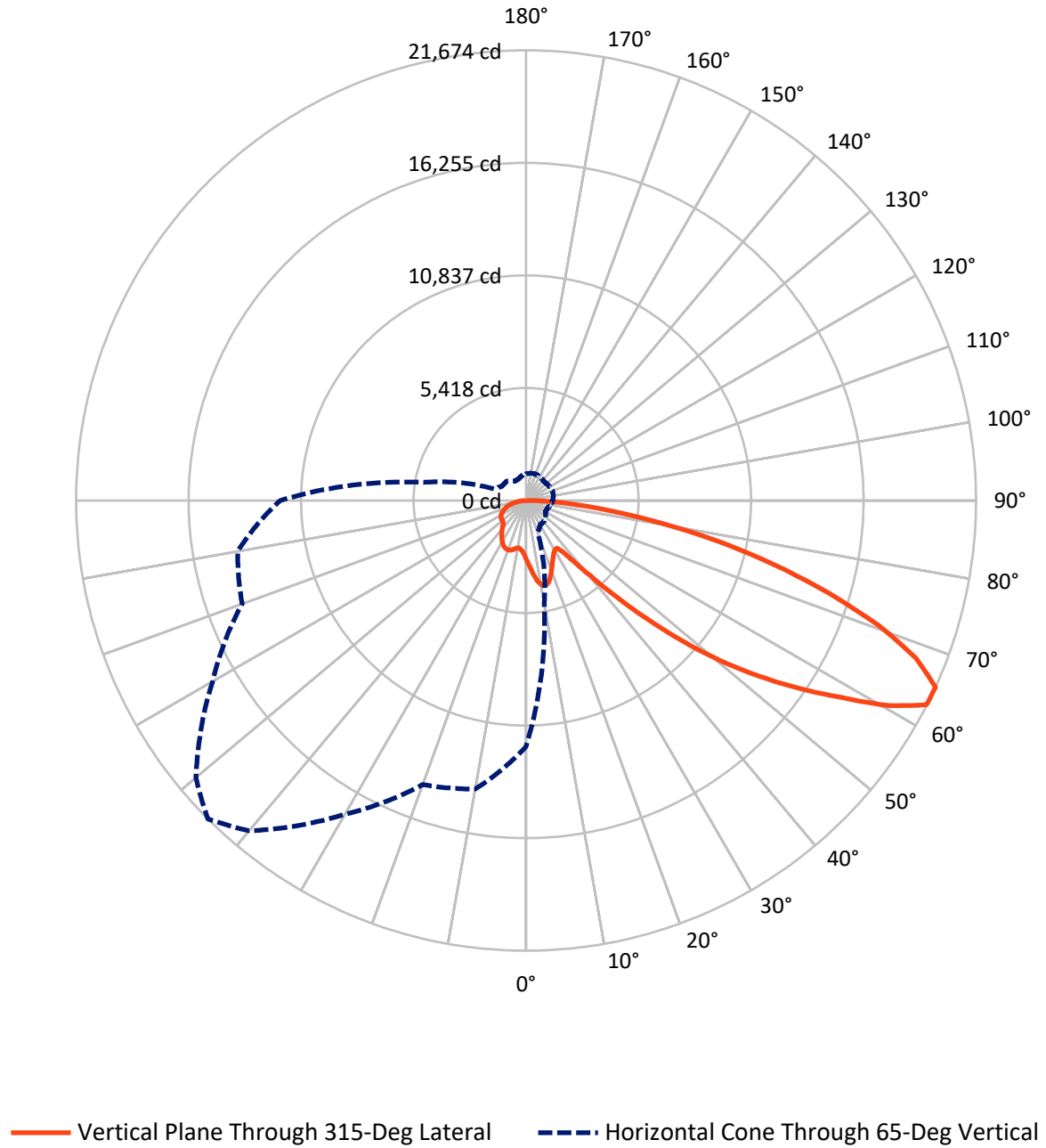
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 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	5277.9	0.0	5277.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	15489.1	0.0	15489.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	20767.0	0.0	20767.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	283.3	1.4
10°-20°	889.3	4.3
20°-30°	1373.6	6.6
30°-40°	1740.7	8.4
40°-50°	2625.4	12.6
50°-60°	4241.8	20.4
60°-70°	5288.0	25.5
70°-80°	3467.6	16.7
80°-90°	857.3	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°	20767.0	100.0
0°-180°	20767.0	100.0



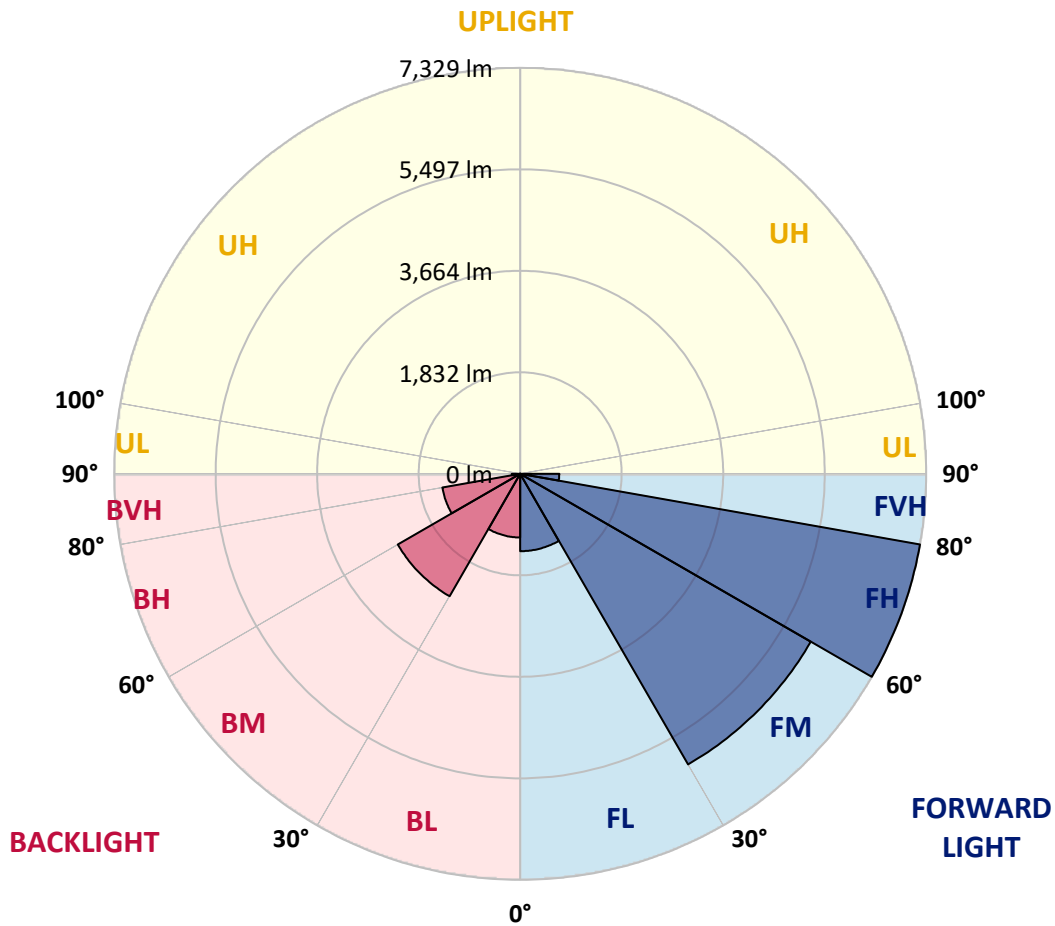
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1396.8	6.7			
FM (30°-60°)	6057.3	29.2			
FH (60°-80°)	7328.8	35.3			G3/7500
FVH (80°-90°)	706.2	3.4			G4/750
BL (0°-30°)	1149.3	5.5	B3/2500		
BM (30°-60°)	2550.6	12.3	B3/5000		
BH (60°-80°)	1426.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	151.1	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°
0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
2.5°	3071.0	3047.4	3023.8	2998.8	2973.8	2948.6	2923.4	2899.3	2875.1	2851.8
5°	3302.2	3250.1	3198.1	3146.1	3094.3	3042.0	2989.9	2941.1	2892.4	2846.3
7.5°	3534.5	3448.6	3362.8	3283.4	3204.1	3126.9	3049.6	2981.5	2913.5	2850.7
10°	3712.6	3604.0	3495.4	3390.5	3285.7	3191.9	3098.0	3017.6	2936.9	2859.5
12.5°	3821.6	3702.3	3583.0	3464.2	3345.5	3234.8	3124.1	3033.1	2942.0	2860.6
15°	3887.9	3763.5	3639.1	3510.3	3381.4	3254.0	3126.5	3021.1	2915.7	2825.5
17.5°	3925.1	3799.0	3672.9	3532.3	3391.7	3243.8	3095.8	2969.1	2842.3	2736.2
20°	3966.2	3835.2	3704.0	3549.5	3395.0	3215.7	3036.4	2879.3	2722.2	2598.7
22.5°	4013.9	3880.0	3746.0	3572.7	3399.4	3181.3	2963.2	2774.0	2584.8	2444.2
25°	4075.3	3944.0	3812.8	3614.8	3416.7	3147.3	2878.1	2656.4	2434.9	2290.8
27.5°	4158.5	4033.4	3908.2	3680.6	3452.8	3124.7	2796.5	2548.9	2301.4	2170.2
30°	4270.9	4149.9	4029.0	3765.7	3502.4	3114.0	2725.5	2459.1	2192.7	2082.6
32.5°	4403.5	4283.7	4164.0	3854.6	3545.1	3100.9	2656.4	2381.6	2106.7	2017.9
35°	4564.5	4449.9	4335.2	3955.8	3576.5	3076.1	2576.0	2305.4	2034.9	1960.9
37.5°	4835.7	4689.6	4543.4	4069.2	3595.1	3033.7	2472.3	2215.8	1959.3	1894.6
40°	5245.6	5032.5	4819.5	4213.2	3606.8	2975.3	2343.9	2108.9	1873.8	1815.2
42.5°	5789.1	5481.6	5174.1	4401.6	3629.1	2915.0	2201.2	1990.8	1780.4	1726.4
45°	6460.3	6045.5	5630.7	4649.5	3668.2	2859.0	2050.0	1865.5	1680.9	1626.2
47.5°	7299.6	6715.9	6132.1	4913.5	3695.0	2812.8	1930.6	1766.3	1602.1	1531.4
50°	8399.8	7519.8	6639.6	5158.6	3677.5	2762.4	1847.3	1700.5	1553.6	1460.7
52.5°	9662.7	8364.2	7065.7	5317.7	3569.6	2677.2	1785.0	1657.1	1529.2	1422.3
55°	11007.3	9112.8	7218.5	5282.6	3346.6	2536.1	1725.7	1625.6	1525.6	1426.2
57.5°	12230.2	9643.4	7056.7	5035.8	3015.1	2337.1	1659.0	1588.4	1517.7	1430.0
60°	12969.3	9776.0	6582.7	4576.6	2570.5	2078.7	1586.9	1531.4	1475.8	1418.0
62.5°	12594.0	9217.7	5841.5	3955.6	2069.7	1769.5	1469.2	1432.3	1395.5	1388.4
65°	11842.8	8427.8	5012.7	3322.0	1631.4	1491.3	1351.1	1333.7	1316.3	1317.1
67.5°	10836.3	7487.7	4139.0	2701.4	1263.7	1223.9	1184.0	1193.8	1203.4	1201.0
70°	9627.1	6461.9	3296.7	2126.9	957.2	968.6	979.9	1025.0	1070.0	1070.0
72.5°	8186.1	5349.9	2513.8	1626.0	738.3	772.6	807.1	871.0	934.9	945.7
75°	6363.3	4075.2	1787.0	1180.2	573.3	604.4	635.6	707.2	778.9	828.4
77.5°	4546.5	2852.2	1158.0	799.7	441.4	462.5	483.8	553.4	623.0	704.6
80°	2975.6	1837.6	699.7	515.2	330.9	339.7	348.5	407.4	466.3	563.8
82.5°	1729.7	1063.6	397.6	316.9	236.5	238.0	239.8	283.2	326.5	409.8
85°	761.0	478.4	195.9	169.4	143.0	142.2	141.4	173.1	204.9	266.8
87.5°	235.6	156.7	77.8	70.2	62.7	61.9	61.1	74.1	87.1	112.9
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
2825.8	2.5°	2804.8	2783.9	2764.9	2746.1	2729.5	2713.0	2696.3	2679.8	2666.9	2654.0
2800.9	5°	2761.2	2721.4	2688.1	2654.9	2625.5	2596.2	2569.5	2542.8	2522.3	2501.7
2791.9	7.5°	2739.0	2686.3	2642.5	2598.7	2561.7	2524.7	2492.1	2459.5	2435.1	2410.7
2796.2	10°	2740.6	2684.9	2641.1	2597.3	2557.5	2517.6	2480.9	2444.2	2415.0	2385.8
2801.7	12.5°	2756.1	2710.8	2681.6	2652.7	2621.4	2590.2	2552.2	2514.3	2477.0	2439.8
2778.4	15°	2756.6	2734.9	2738.8	2742.8	2734.7	2726.6	2693.6	2660.6	2607.6	2554.5
2707.2	17.5°	2715.2	2723.1	2770.8	2818.6	2844.0	2869.3	2842.7	2816.2	2746.0	2675.7
2591.0	20°	2628.3	2665.5	2748.5	2831.5	2884.7	2937.8	2925.6	2913.2	2832.8	2752.6
2459.2	22.5°	2514.3	2569.4	2664.1	2759.0	2828.1	2897.3	2904.7	2912.1	2835.4	2758.7
2331.3	25°	2394.9	2458.4	2543.6	2628.8	2696.9	2764.9	2790.3	2815.6	2752.7	2690.0
2219.5	27.5°	2280.9	2342.3	2412.3	2482.2	2536.8	2591.3	2619.6	2648.0	2603.2	2558.5
2121.2	30°	2169.9	2218.8	2276.8	2334.9	2380.2	2425.5	2448.6	2471.6	2437.5	2403.3
2035.1	32.5°	2063.9	2092.7	2139.1	2185.6	2229.0	2272.5	2298.0	2323.6	2292.3	2260.8
1953.8	35°	1961.7	1969.7	2005.1	2040.4	2083.3	2126.4	2157.1	2187.8	2165.4	2143.2
1868.5	37.5°	1859.8	1851.0	1876.4	1901.8	1944.6	1987.6	2025.5	2063.4	2053.1	2042.8
1775.2	40°	1755.4	1735.5	1753.8	1772.1	1813.5	1855.0	1898.6	1942.3	1944.8	1947.2
1676.0	42.5°	1649.7	1623.4	1638.3	1653.3	1692.6	1731.9	1779.0	1826.1	1838.7	1851.3
1577.4	45°	1551.8	1526.2	1538.7	1551.4	1588.7	1625.9	1674.8	1723.7	1741.8	1759.8
1489.4	47.5°	1467.9	1446.4	1458.3	1470.0	1506.5	1542.9	1591.1	1639.3	1660.1	1680.9
1411.9	50°	1392.9	1373.9	1392.3	1410.8	1445.2	1479.5	1522.7	1565.9	1592.6	1619.4
1354.2	52.5°	1335.3	1316.6	1344.3	1371.9	1403.5	1434.9	1475.2	1515.5	1547.2	1578.8
1323.5	55°	1293.7	1264.0	1303.3	1342.6	1376.5	1410.5	1445.8	1481.0	1514.5	1548.1
1305.1	57.5°	1261.7	1218.3	1260.6	1302.9	1342.8	1382.7	1417.5	1452.5	1486.3	1520.1
1287.8	60°	1231.6	1175.2	1212.4	1249.4	1295.2	1341.0	1376.4	1411.9	1445.9	1479.9
1267.6	62.5°	1197.3	1127.0	1150.6	1174.1	1227.5	1281.0	1318.8	1356.6	1387.7	1418.8
1225.1	65°	1150.4	1075.5	1084.6	1093.6	1150.8	1208.1	1244.3	1280.4	1307.8	1335.2
1149.3	67.5°	1087.0	1024.8	1021.9	1019.1	1071.9	1124.8	1159.1	1193.3	1217.0	1240.7
1053.1	70°	1008.8	964.5	954.7	944.8	991.3	1037.7	1067.3	1096.9	1118.3	1139.6
945.9	72.5°	915.5	885.2	870.7	856.4	893.0	929.5	956.2	982.9	1003.9	1024.8
824.3	75°	800.9	777.5	763.7	749.7	776.9	804.1	828.3	852.5	871.6	890.7
702.4	77.5°	683.7	664.9	650.9	636.9	659.0	681.0	701.9	722.7	742.7	762.7
563.5	80°	547.8	532.0	520.3	508.4	526.9	545.2	562.7	580.2	595.5	610.6
414.4	82.5°	406.8	399.1	390.8	382.4	380.9	379.4	373.2	367.1	399.5	432.0
272.9	85°	264.6	256.4	247.1	237.8	229.9	221.9	204.9	187.9	218.3	248.7
120.5	87.5°	117.3	114.0	112.2	110.5	110.1	109.8	96.9	83.8	96.5	109.4
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
2643.6	2.5°	2633.2	2625.1	2617.0	2609.5	2602.0	2592.7	2602.0	2609.5	2617.0	2625.1
2487.3	5°	2473.0	2462.8	2452.6	2444.8	2437.0	2429.4	2437.0	2444.8	2452.6	2462.8
2393.7	7.5°	2376.6	2364.8	2353.2	2346.2	2339.3	2334.0	2339.3	2346.2	2353.2	2364.8
2366.7	10°	2347.4	2336.3	2325.3	2319.4	2313.4	2311.0	2313.4	2319.4	2325.3	2336.3
2415.1	12.5°	2390.5	2378.1	2365.8	2360.8	2355.7	2354.9	2355.7	2360.8	2365.8	2378.1
2517.0	15°	2479.6	2462.4	2445.3	2438.7	2432.1	2431.6	2432.1	2438.7	2445.3	2462.4
2620.5	17.5°	2565.3	2539.8	2514.3	2506.0	2497.5	2496.2	2497.5	2506.0	2514.3	2539.8
2684.9	20°	2617.3	2584.8	2552.1	2541.7	2531.3	2528.0	2531.3	2541.7	2552.1	2584.8
2689.0	22.5°	2619.2	2584.9	2550.5	2539.0	2527.5	2522.5	2527.5	2539.0	2550.5	2584.9
2627.9	25°	2566.1	2536.3	2506.6	2495.8	2485.0	2478.7	2485.0	2495.8	2506.6	2536.3
2510.4	27.5°	2462.3	2442.3	2422.3	2417.3	2412.4	2410.7	2412.4	2417.3	2422.3	2442.3
2368.9	30°	2334.3	2324.1	2313.8	2313.8	2313.8	2315.4	2313.8	2313.8	2313.8	2324.1
2233.3	32.5°	2205.8	2199.2	2192.5	2193.3	2194.3	2196.0	2194.3	2193.3	2192.5	2199.2
2117.7	35°	2092.4	2082.2	2072.1	2070.0	2067.8	2066.7	2067.8	2070.0	2072.1	2082.2
2019.4	37.5°	1996.0	1977.5	1959.1	1949.3	1939.6	1934.1	1939.6	1949.3	1959.1	1977.5
1927.4	40°	1907.6	1880.6	1853.9	1835.7	1817.7	1807.0	1817.7	1835.7	1853.9	1880.6
1834.6	42.5°	1817.9	1784.5	1751.1	1724.7	1698.3	1680.9	1698.3	1724.7	1751.1	1784.5
1744.7	45°	1729.7	1691.5	1653.3	1622.3	1591.3	1571.4	1591.3	1622.3	1653.3	1691.5
1670.4	47.5°	1659.9	1625.9	1592.0	1563.3	1534.7	1515.5	1534.7	1563.3	1592.0	1625.9
1618.7	50°	1618.3	1591.1	1563.9	1537.4	1510.9	1492.5	1510.9	1537.4	1563.9	1591.1
1584.5	52.5°	1590.2	1568.1	1545.9	1522.2	1498.5	1481.5	1498.5	1522.2	1545.9	1568.1
1556.0	55°	1563.9	1544.6	1525.3	1504.5	1483.7	1468.4	1483.7	1504.5	1525.3	1544.6
1528.1	57.5°	1536.1	1516.6	1497.1	1476.5	1455.8	1439.9	1455.8	1476.5	1497.1	1516.6
1488.6	60°	1497.4	1478.3	1459.4	1438.1	1416.9	1400.4	1416.9	1438.1	1459.4	1478.3
1427.3	62.5°	1435.7	1418.5	1401.3	1378.9	1356.6	1336.9	1356.6	1378.9	1401.3	1418.5
1343.9	65°	1352.4	1335.9	1319.3	1297.6	1276.1	1259.1	1276.1	1297.6	1319.3	1335.9
1249.1	67.5°	1257.4	1242.2	1227.1	1206.9	1186.7	1171.4	1186.7	1206.9	1227.1	1242.2
1147.7	70°	1155.8	1143.5	1131.1	1111.8	1092.5	1075.0	1092.5	1111.8	1131.1	1143.5
1034.4	72.5°	1044.1	1033.8	1023.5	1005.1	986.8	969.8	986.8	1005.1	1023.5	1033.8
900.7	75°	910.8	905.8	900.7	885.3	869.8	853.6	869.8	885.3	900.7	905.8
772.1	77.5°	781.5	774.5	767.3	751.7	736.2	723.2	736.2	751.7	767.3	774.5
623.1	80°	635.6	632.5	629.5	608.6	587.6	563.2	587.6	608.6	629.5	632.5
453.2	82.5°	474.5	473.2	471.7	454.1	436.3	420.8	436.3	454.1	471.7	473.2
275.0	85°	301.3	299.2	297.0	283.2	269.3	255.3	269.3	283.2	297.0	299.2
120.0	87.5°	130.6	128.0	125.1	118.1	110.9	104.1	110.9	118.1	125.1	128.0
0.0	90°	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-SB3C-835-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
2633.2	2.5°	2643.6	2654.0	2666.9	2679.8	2696.3	2713.0	2729.5	2746.1	2764.9	2783.9
2473.0	5°	2487.3	2501.7	2522.3	2542.8	2569.5	2596.2	2625.5	2654.9	2688.1	2721.4
2376.6	7.5°	2393.7	2410.7	2435.1	2459.5	2492.1	2524.7	2561.7	2598.7	2642.5	2686.3
2347.4	10°	2366.7	2385.8	2415.0	2444.2	2480.9	2517.6	2557.5	2597.3	2641.1	2684.9
2390.5	12.5°	2415.1	2439.8	2477.0	2514.3	2552.2	2590.2	2621.4	2652.7	2681.6	2710.8
2479.6	15°	2517.0	2554.5	2607.6	2660.6	2693.6	2726.6	2734.7	2742.8	2738.8	2734.9
2565.3	17.5°	2620.5	2675.7	2746.0	2816.2	2842.7	2869.3	2844.0	2818.6	2770.8	2723.1
2617.3	20°	2684.9	2752.6	2832.8	2913.2	2925.6	2937.8	2884.7	2831.5	2748.5	2665.5
2619.2	22.5°	2689.0	2758.7	2835.4	2912.1	2904.7	2897.3	2828.1	2759.0	2664.1	2569.4
2566.1	25°	2627.9	2690.0	2752.7	2815.6	2790.3	2764.9	2696.9	2628.8	2543.6	2458.4
2462.3	27.5°	2510.4	2558.5	2603.2	2648.0	2619.6	2591.3	2536.8	2482.2	2412.3	2342.3
2334.3	30°	2368.9	2403.3	2437.5	2471.6	2448.6	2425.5	2380.2	2334.9	2276.8	2218.8
2205.8	32.5°	2233.3	2260.8	2292.3	2323.6	2298.0	2272.5	2229.0	2185.6	2139.1	2092.7
2092.4	35°	2117.7	2143.2	2165.4	2187.8	2157.1	2126.4	2083.3	2040.4	2005.1	1969.7
1996.0	37.5°	2019.4	2042.8	2053.1	2063.4	2025.5	1987.6	1944.6	1901.8	1876.4	1851.0
1907.6	40°	1927.4	1947.2	1944.8	1942.3	1898.6	1855.0	1813.5	1772.1	1753.8	1735.5
1817.9	42.5°	1834.6	1851.3	1838.7	1826.1	1779.0	1731.9	1692.6	1653.3	1638.3	1623.4
1729.7	45°	1744.7	1759.8	1741.8	1723.7	1674.8	1625.9	1588.7	1551.4	1538.7	1526.2
1659.9	47.5°	1670.4	1680.9	1660.1	1639.3	1591.1	1542.9	1506.5	1470.0	1458.3	1446.4
1618.3	50°	1618.7	1619.4	1592.6	1565.9	1522.7	1479.5	1445.2	1410.8	1392.3	1373.9
1590.2	52.5°	1584.5	1578.8	1547.2	1515.5	1475.2	1434.9	1403.5	1371.9	1344.3	1316.6
1563.9	55°	1556.0	1548.1	1514.5	1481.0	1445.8	1410.5	1376.5	1342.6	1303.3	1264.0
1536.1	57.5°	1528.1	1520.1	1486.3	1452.5	1417.5	1382.7	1342.8	1302.9	1260.6	1218.3
1497.4	60°	1488.6	1479.9	1445.9	1411.9	1376.4	1341.0	1295.2	1249.4	1212.4	1175.2
1435.7	62.5°	1427.3	1418.8	1387.7	1356.6	1318.8	1281.0	1227.5	1174.1	1150.6	1127.0
1352.4	65°	1343.9	1335.2	1307.8	1280.4	1244.3	1208.1	1150.8	1093.6	1084.6	1075.5
1257.4	67.5°	1249.1	1240.7	1217.0	1193.3	1159.1	1124.8	1071.9	1019.1	1021.9	1024.8
1155.8	70°	1147.7	1139.6	1118.3	1096.9	1067.3	1037.7	991.3	944.8	954.7	964.5
1044.1	72.5°	1034.4	1024.8	1003.9	982.9	956.2	929.5	893.0	856.4	870.7	885.2
910.8	75°	900.7	890.7	871.6	852.5	828.3	804.1	776.9	749.7	763.7	777.5
781.5	77.5°	772.1	762.7	742.7	722.7	701.9	681.0	659.0	636.9	650.9	664.9
635.6	80°	623.1	610.6	595.5	580.2	562.7	545.2	526.9	508.4	520.3	532.0
474.5	82.5°	453.2	432.0	399.5	367.1	373.2	379.4	380.9	382.4	390.8	399.1
301.3	85°	275.0	248.7	218.3	187.9	204.9	221.9	229.9	237.8	247.1	256.4
130.6	87.5°	120.0	109.4	96.5	83.8	96.9	109.8	110.1	110.5	112.2	114.0
0.0	90°	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-SB3C-835-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
2804.8	2.5°	2825.8	2851.8	2875.1	2899.3	2923.4	2948.6	2973.8	2998.8	3023.8	3047.4
2761.2	5°	2800.9	2846.3	2892.4	2941.1	2989.9	3042.0	3094.3	3146.1	3198.1	3250.1
2739.0	7.5°	2791.9	2850.7	2913.5	2981.5	3049.6	3126.9	3204.1	3283.4	3362.8	3448.6
2740.6	10°	2796.2	2859.5	2936.9	3017.6	3098.0	3191.9	3285.7	3390.5	3495.4	3604.0
2756.1	12.5°	2801.7	2860.6	2942.0	3033.1	3124.1	3234.8	3345.5	3464.2	3583.0	3702.3
2756.6	15°	2778.4	2825.5	2915.7	3021.1	3126.5	3254.0	3381.4	3510.3	3639.1	3763.5
2715.2	17.5°	2707.2	2736.2	2842.3	2969.1	3095.8	3243.8	3391.7	3532.3	3672.9	3799.0
2628.3	20°	2591.0	2598.7	2722.2	2879.3	3036.4	3215.7	3395.0	3549.5	3704.0	3835.2
2514.3	22.5°	2459.2	2444.2	2584.8	2774.0	2963.2	3181.3	3399.4	3572.7	3746.0	3880.0
2394.9	25°	2331.3	2290.8	2434.9	2656.4	2878.1	3147.3	3416.7	3614.8	3812.8	3944.0
2280.9	27.5°	2219.5	2170.2	2301.4	2548.9	2796.5	3124.7	3452.8	3680.6	3908.2	4033.4
2169.9	30°	2121.2	2082.6	2192.7	2459.1	2725.5	3114.0	3502.4	3765.7	4029.0	4149.9
2063.9	32.5°	2035.1	2017.9	2106.7	2381.6	2656.4	3100.9	3545.1	3854.6	4164.0	4283.7
1961.7	35°	1953.8	1960.9	2034.9	2305.4	2576.0	3076.1	3576.5	3955.8	4335.2	4449.9
1859.8	37.5°	1868.5	1894.6	1959.3	2215.8	2472.3	3033.7	3595.1	4069.2	4543.4	4689.6
1755.4	40°	1775.2	1815.2	1873.8	2108.9	2343.9	2975.3	3606.8	4213.2	4819.5	5032.5
1649.7	42.5°	1676.0	1726.4	1780.4	1990.8	2201.2	2915.0	3629.1	4401.6	5174.1	5481.6
1551.8	45°	1577.4	1626.2	1680.9	1865.5	2050.0	2859.0	3668.2	4649.5	5630.7	6045.5
1467.9	47.5°	1489.4	1531.4	1602.1	1766.3	1930.6	2812.8	3695.0	4913.5	6132.1	6715.9
1392.9	50°	1411.9	1460.7	1553.6	1700.5	1847.3	2762.4	3677.5	5158.6	6639.6	7519.8
1335.3	52.5°	1354.2	1422.3	1529.2	1657.1	1785.0	2677.2	3569.6	5317.7	7065.7	8364.2
1293.7	55°	1323.5	1426.2	1525.6	1625.6	1725.7	2536.1	3346.6	5282.6	7218.5	9112.8
1261.7	57.5°	1305.1	1430.0	1517.7	1588.4	1659.0	2337.1	3015.1	5035.8	7056.7	9643.4
1231.6	60°	1287.8	1418.0	1475.8	1531.4	1586.9	2078.7	2570.5	4576.6	6582.7	9776.0
1197.3	62.5°	1267.6	1388.4	1395.5	1432.3	1469.2	1769.5	2069.7	3955.6	5841.5	9217.7
1150.4	65°	1225.1	1317.1	1316.3	1333.7	1351.1	1491.3	1631.4	3322.0	5012.7	8427.8
1087.0	67.5°	1149.3	1201.0	1203.4	1193.8	1184.0	1223.9	1263.7	2701.4	4139.0	7487.7
1008.8	70°	1053.1	1070.0	1070.0	1025.0	979.9	968.6	957.2	2126.9	3296.7	6461.9
915.5	72.5°	945.9	945.7	934.9	871.0	807.1	772.6	738.3	1626.0	2513.8	5349.9
800.9	75°	824.3	828.4	778.9	707.2	635.6	604.4	573.3	1180.2	1787.0	4075.2
683.7	77.5°	702.4	704.6	623.0	553.4	483.8	462.5	441.4	799.7	1158.0	2852.2
547.8	80°	563.5	563.8	466.3	407.4	348.5	339.7	330.9	515.2	699.7	1837.6
406.8	82.5°	414.4	409.8	326.5	283.2	239.8	238.0	236.5	316.9	397.6	1063.6
264.6	85°	272.9	266.8	204.9	173.1	141.4	142.2	143.0	169.4	195.9	478.4
117.3	87.5°	120.5	112.9	87.1	74.1	61.1	61.9	62.7	70.2	77.8	156.7
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
3071.0	2.5°	3082.6	3094.3	3110.9	3127.4	3137.3	3147.1	3152.1	3157.0	3154.8	3157.0
3302.2	5°	3342.8	3383.6	3423.9	3464.4	3486.3	3508.2	3521.4	3534.8	3544.9	3534.8
3534.5	7.5°	3600.7	3666.7	3726.3	3785.8	3821.6	3857.4	3876.8	3896.1	3905.4	3896.1
3712.6	10°	3790.8	3869.0	3938.8	4008.6	4050.9	4093.0	4111.9	4130.6	4137.7	4130.6
3821.6	12.5°	3906.4	3991.1	4054.2	4117.1	4147.8	4178.5	4188.8	4199.1	4200.2	4199.1
3887.9	15°	3961.1	4034.2	4073.7	4113.4	4114.5	4115.6	4104.6	4093.7	4080.7	4093.7
3925.1	17.5°	3974.6	4024.0	4024.7	4025.4	3981.0	3936.6	3896.0	3855.2	3826.5	3855.2
3966.2	20°	3983.4	4000.7	3948.7	3896.6	3798.7	3700.7	3629.4	3558.0	3514.2	3558.0
4013.9	22.5°	3991.3	3968.7	3860.9	3753.1	3609.0	3464.9	3375.7	3286.5	3238.1	3286.5
4075.3	25°	4004.0	3932.8	3769.1	3605.4	3430.4	3255.4	3161.6	3068.0	3022.2	3068.0
4158.5	27.5°	4031.2	3903.8	3686.9	3470.2	3276.2	3082.3	2990.0	2897.8	2854.5	2897.8
4270.9	30°	4081.0	3891.2	3624.2	3357.3	3155.2	2953.2	2867.6	2782.0	2741.7	2782.0
4403.5	32.5°	4143.4	3883.5	3581.5	3279.5	3089.6	2899.7	2832.5	2765.2	2736.2	2765.2
4564.5	35°	4246.3	3928.2	3613.5	3298.9	3167.0	3035.1	3019.5	3003.8	3001.4	3003.8
4835.7	37.5°	4461.4	4087.1	3801.1	3515.1	3506.5	3498.0	3569.7	3641.3	3678.6	3641.3
5245.6	40°	4838.5	4431.4	4218.7	4006.0	4156.1	4306.3	4480.5	4654.7	4741.5	4654.7
5789.1	42.5°	5385.2	4981.3	4858.8	4736.2	5063.7	5391.1	5708.0	6024.9	6211.0	6024.9
6460.3	45°	6097.4	5734.5	5680.5	5626.4	6150.9	6675.6	7196.3	7717.1	8033.3	7717.1
7299.6	47.5°	6946.7	6593.6	6582.7	6571.7	7328.5	8085.0	8847.3	9609.6	10057.2	9609.6
8399.8	50°	7963.8	7527.9	7529.8	7531.6	8506.9	9482.1	10488.4	11494.7	12103.1	11494.7
9662.7	52.5°	9134.8	8606.9	8553.6	8500.1	9665.0	10830.0	12075.0	13319.9	14049.2	13319.9
11007.3	55°	10485.7	9964.1	9756.0	9547.9	10844.4	12140.9	13625.1	15109.4	15976.7	15109.4
12230.2	57.5°	11946.1	11662.0	11244.6	10827.3	12136.5	13445.6	15126.8	16807.8	17883.4	16807.8
12969.3	60°	13410.4	13851.7	13333.4	12815.1	14054.0	15292.9	17092.9	18892.8	20055.2	18892.8
12594.0	62.5°	13799.5	15004.9	14946.5	14888.0	16022.9	17158.0	18870.5	20582.9	21657.3	20582.9
11842.8	65°	12974.2	14105.6	14329.5	14553.3	15995.5	17437.9	19098.5	20759.0	21673.7	20759.0
10836.3	67.5°	11912.4	12988.5	13093.4	13198.3	14701.1	16203.7	17871.4	19539.1	20255.8	19539.1
9627.1	70°	10797.5	11968.1	12015.0	12062.0	13405.8	14749.6	16184.8	17619.8	18018.2	17619.8
8186.1	72.5°	9529.3	10872.5	10906.2	10939.9	11991.3	13042.7	14117.6	15192.3	15232.6	15192.3
6363.3	75°	7753.4	9143.5	9268.3	9393.2	10211.2	11029.2	11785.8	12542.5	12339.7	12542.5
4546.5	77.5°	5844.1	7141.8	7320.5	7499.1	8120.9	8742.8	9279.4	9816.1	9467.7	9816.1
2975.6	80°	4067.4	5159.0	5381.0	5603.0	6072.7	6542.1	6824.0	7105.7	6545.2	7105.7
1729.7	82.5°	2476.1	3222.5	3470.5	3718.6	4041.8	4365.1	4482.7	4600.1	4159.6	4600.1
761.0	85°	1157.2	1553.3	1764.2	1975.2	2240.8	2506.3	2573.0	2639.8	2286.9	2639.8
235.6	87.5°	368.7	501.9	619.6	737.3	870.1	1002.9	1008.6	1014.2	851.4	1014.2
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
2855.6	0°	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6	2855.6
3152.1	2.5°	3147.1	3137.3	3127.4	3110.9	3094.3	3082.6	3071.0
3521.4	5°	3508.2	3486.3	3464.4	3423.9	3383.6	3342.8	3302.2
3876.8	7.5°	3857.4	3821.6	3785.8	3726.3	3666.7	3600.7	3534.5
4111.9	10°	4093.0	4050.9	4008.6	3938.8	3869.0	3790.8	3712.6
4188.8	12.5°	4178.5	4147.8	4117.1	4054.2	3991.1	3906.4	3821.6
4104.6	15°	4115.6	4114.5	4113.4	4073.7	4034.2	3961.1	3887.9
3896.0	17.5°	3936.6	3981.0	4025.4	4024.7	4024.0	3974.6	3925.1
3629.4	20°	3700.7	3798.7	3896.6	3948.7	4000.7	3983.4	3966.2
3375.7	22.5°	3464.9	3609.0	3753.1	3860.9	3968.7	3991.3	4013.9
3161.6	25°	3255.4	3430.4	3605.4	3769.1	3932.8	4004.0	4075.3
2990.0	27.5°	3082.3	3276.2	3470.2	3686.9	3903.8	4031.2	4158.5
2867.6	30°	2953.2	3155.2	3357.3	3624.2	3891.2	4081.0	4270.9
2832.5	32.5°	2899.7	3089.6	3279.5	3581.5	3883.5	4143.4	4403.5
3019.5	35°	3035.1	3167.0	3298.9	3613.5	3928.2	4246.3	4564.5
3569.7	37.5°	3498.0	3506.5	3515.1	3801.1	4087.1	4461.4	4835.7
4480.5	40°	4306.3	4156.1	4006.0	4218.7	4431.4	4838.5	5245.6
5708.0	42.5°	5391.1	5063.7	4736.2	4858.8	4981.3	5385.2	5789.1
7196.3	45°	6675.6	6150.9	5626.4	5680.5	5734.5	6097.4	6460.3
8847.3	47.5°	8085.0	7328.5	6571.7	6582.7	6593.6	6946.7	7299.6
10488.4	50°	9482.1	8506.9	7531.6	7529.8	7527.9	7963.8	8399.8
12075.0	52.5°	10830.0	9665.0	8500.1	8553.6	8606.9	9134.8	9662.7
13625.1	55°	12140.9	10844.4	9547.9	9756.0	9964.1	10485.7	11007.3
15126.8	57.5°	13445.6	12136.5	10827.3	11244.6	11662.0	11946.1	12230.2
17092.9	60°	15292.9	14054.0	12815.1	13333.4	13851.7	13410.4	12969.3
18870.5	62.5°	17158.0	16022.9	14888.0	14946.5	15004.9	13799.5	12594.0
19098.5	65°	17437.9	15995.5	14553.3	14329.5	14105.6	12974.2	11842.8
17871.4	67.5°	16203.7	14701.1	13198.3	13093.4	12988.5	11912.4	10836.3
16184.8	70°	14749.6	13405.8	12062.0	12015.0	11968.1	10797.5	9627.1
14117.6	72.5°	13042.7	11991.3	10939.9	10906.2	10872.5	9529.3	8186.1
11785.8	75°	11029.2	10211.2	9393.2	9268.3	9143.5	7753.4	6363.3
9279.4	77.5°	8742.8	8120.9	7499.1	7320.5	7141.8	5844.1	4546.5
6824.0	80°	6542.1	6072.7	5603.0	5381.0	5159.0	4067.4	2975.6
4482.7	82.5°	4365.1	4041.8	3718.6	3470.5	3222.5	2476.1	1729.7
2573.0	85°	2506.3	2240.8	1975.2	1764.2	1553.3	1157.2	761.0
1008.6	87.5°	1002.9	870.1	737.3	619.6	501.9	368.7	235.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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