

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: P952234

Luminaire Tested: **GALN-SB6A-927-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952234  
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-SB6A-927-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

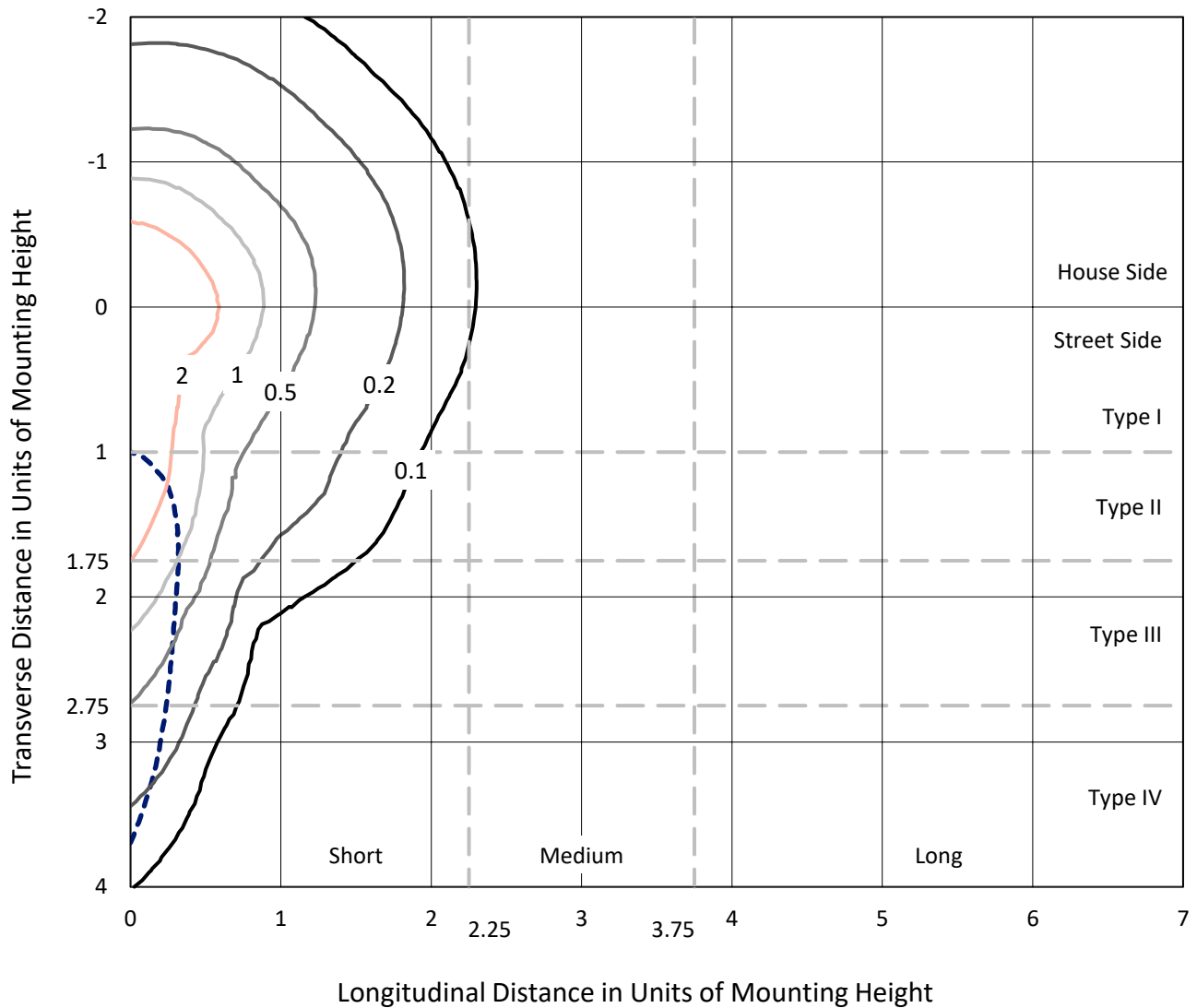
Lumens per Lamp: N/A  
Luminaire Lumens: 16498 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

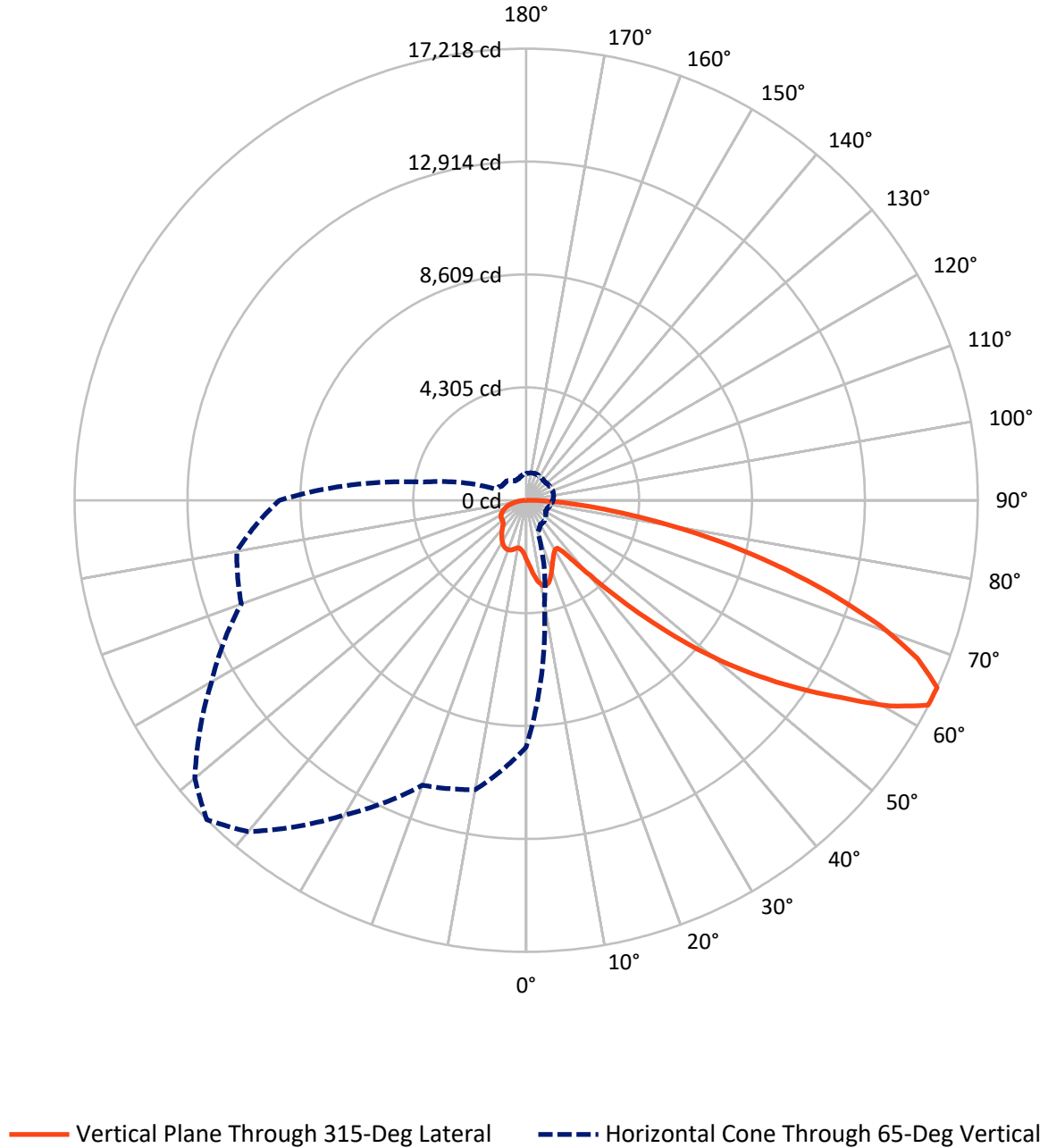
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4193.0	0.0	4193.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	12305.0	0.0	12305.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	16498.0	0.0	16498.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	225.0	1.4
10°-20°	706.5	4.3
20°-30°	1091.2	6.6
30°-40°	1382.9	8.4
40°-50°	2085.7	12.6
50°-60°	3369.8	20.4
60°-70°	4201.0	25.5
70°-80°	2754.8	16.7
80°-90°	681.1	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°	16498.0	100.0
0°-180°	16498.0	100.0

**Coefficient of Utilization**



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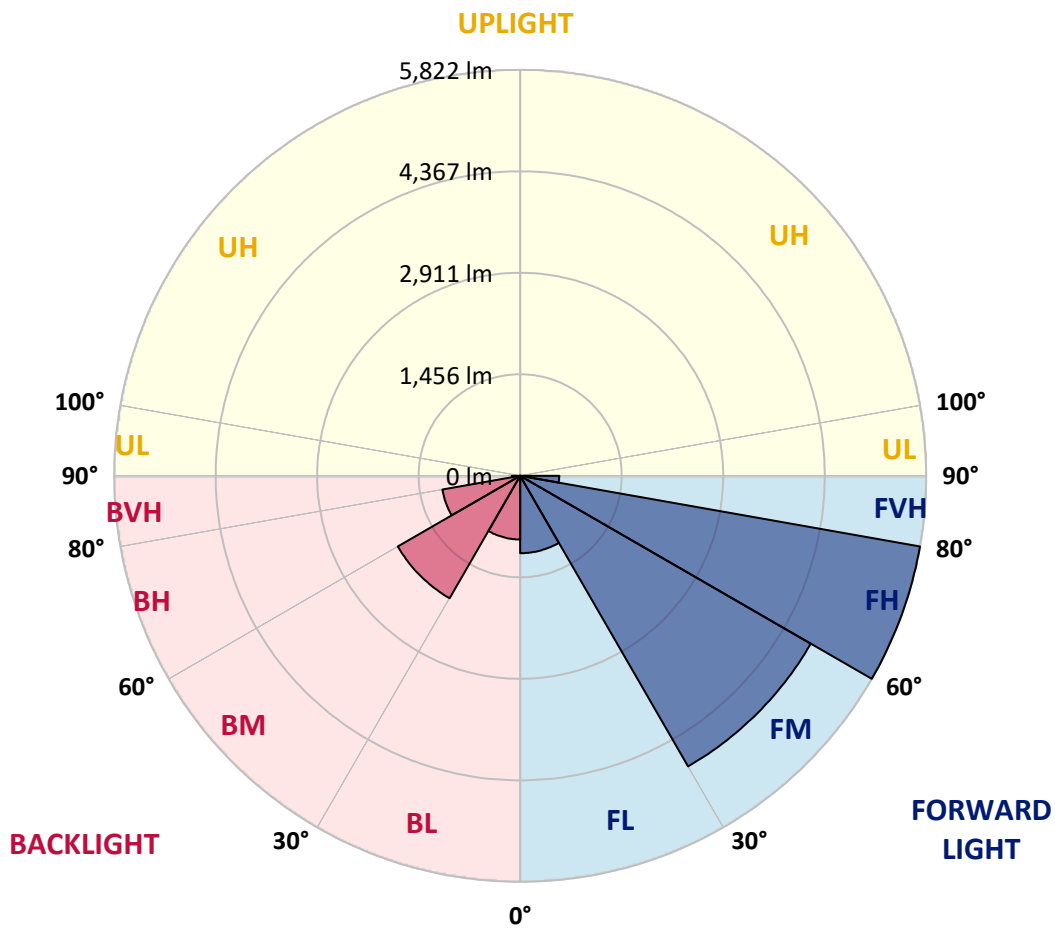
CATALOG NUMBER: GALN-SB6A-927-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1109.7	6.7			
FM (30°-60°)	4812.1	29.2			
FH (60°-80°)	5822.2	35.3			G3/7500
FVH (80°-90°)	561.0	3.4			G4/750
BL (0°-30°)	913.1	5.5	B2/1000		
BM (30°-60°)	2026.3	12.3	B2/2500		
BH (60°-80°)	1133.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	120.0	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°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2.5°	2439.7	2421.0	2402.2	2382.3	2362.5	2342.4	2322.4	2303.3	2284.1	2265.6
5°	2623.4	2582.0	2540.7	2499.4	2458.2	2416.7	2375.3	2336.5	2297.8	2261.2
7.5°	2807.9	2739.7	2671.5	2608.5	2545.4	2484.1	2422.7	2368.6	2314.6	2264.7
10°	2949.4	2863.1	2776.8	2693.5	2610.3	2535.8	2461.2	2397.3	2333.2	2271.7
12.5°	3036.0	2941.2	2846.5	2752.1	2657.7	2569.8	2481.9	2409.6	2337.2	2272.5
15°	3088.7	2989.9	2891.1	2788.7	2686.3	2585.1	2483.8	2400.1	2316.3	2244.7
17.5°	3118.3	3018.1	2917.9	2806.2	2694.5	2577.0	2459.4	2358.7	2258.0	2173.7
20°	3150.9	3046.8	2942.6	2819.8	2697.1	2554.7	2412.3	2287.4	2162.6	2064.5
22.5°	3188.8	3082.4	2975.9	2838.3	2700.6	2527.3	2354.1	2203.8	2053.4	1941.7
25°	3237.5	3133.2	3029.0	2871.7	2714.3	2500.4	2286.5	2110.4	1934.3	1819.9
27.5°	3303.7	3204.3	3104.8	2924.0	2743.1	2482.3	2221.6	2025.0	1828.3	1724.1
30°	3392.9	3296.8	3200.8	2991.6	2782.4	2473.9	2165.2	1953.6	1741.9	1654.5
32.5°	3498.2	3403.1	3308.0	3062.2	2816.4	2463.4	2110.4	1892.0	1673.6	1603.1
35°	3626.2	3535.2	3444.0	3142.6	2841.3	2443.8	2046.5	1831.5	1616.6	1557.8
37.5°	3841.7	3725.5	3609.4	3232.7	2856.1	2410.1	1964.1	1760.3	1556.5	1505.2
40°	4167.3	3998.0	3828.8	3347.1	2865.4	2363.7	1862.1	1675.3	1488.6	1442.0
42.5°	4599.0	4354.8	4110.5	3496.8	2883.0	2315.8	1748.7	1581.6	1414.4	1371.5
45°	5132.2	4802.7	4473.2	3693.7	2914.1	2271.3	1628.6	1482.0	1335.4	1291.9
47.5°	5799.1	5335.3	4871.5	3903.5	2935.4	2234.6	1533.7	1403.2	1272.7	1216.6
50°	6673.1	5974.0	5274.8	4098.1	2921.5	2194.5	1467.5	1350.9	1234.2	1160.4
52.5°	7676.4	6644.8	5613.2	4224.5	2835.8	2126.9	1418.1	1316.4	1214.8	1130.0
55°	8744.5	7239.6	5734.7	4196.7	2658.6	2014.8	1370.9	1291.4	1212.0	1133.0
57.5°	9716.1	7661.1	5606.1	4000.6	2395.3	1856.7	1318.0	1261.8	1205.7	1136.0
60°	10303.2	7766.4	5229.5	3635.8	2042.1	1651.4	1260.7	1216.6	1172.4	1126.5
62.5°	10005.1	7322.9	4640.7	3142.5	1644.3	1405.7	1167.2	1137.9	1108.6	1103.0
65°	9408.3	6695.3	3982.3	2639.1	1296.1	1184.7	1073.4	1059.5	1045.7	1046.4
67.5°	8608.7	5948.5	3288.2	2146.0	1003.9	972.3	940.6	948.4	956.0	954.1
70°	7648.1	5133.6	2619.0	1689.7	760.4	769.5	778.4	814.3	850.1	850.1
72.5°	6503.3	4250.1	1997.0	1291.8	586.6	613.8	641.1	692.0	742.7	751.3
75°	5055.2	3237.4	1419.7	937.6	455.5	480.2	504.9	561.8	618.8	658.1
77.5°	3611.9	2265.9	920.0	635.3	350.7	367.5	384.3	439.6	494.9	559.8
80°	2363.9	1459.9	555.8	409.3	262.9	269.9	276.8	323.7	370.4	447.9
82.5°	1374.1	844.9	315.8	251.8	187.9	189.1	190.5	224.9	259.4	325.6
85°	604.6	380.1	155.7	134.6	113.6	113.0	112.3	137.5	162.8	212.0
87.5°	187.2	124.5	61.8	55.8	49.8	49.2	48.6	58.8	69.2	89.7
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°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2244.9	2.5°	2228.2	2211.6	2196.5	2181.6	2168.4	2155.3	2142.0	2128.9	2118.7	2108.4
2225.1	5°	2193.6	2162.0	2135.5	2109.1	2085.8	2062.5	2041.3	2020.1	2003.8	1987.4
2218.0	7.5°	2176.0	2134.1	2099.3	2064.5	2035.1	2005.7	1979.8	1953.9	1934.5	1915.2
2221.4	10°	2177.2	2133.0	2098.2	2063.3	2031.7	2000.1	1970.9	1941.7	1918.6	1895.3
2225.8	12.5°	2189.6	2153.5	2130.4	2107.4	2082.5	2057.8	2027.6	1997.4	1967.8	1938.2
2207.2	15°	2189.9	2172.7	2175.8	2179.0	2172.5	2166.1	2139.9	2113.7	2071.5	2029.4
2150.7	17.5°	2157.0	2163.3	2201.2	2239.2	2259.4	2279.5	2258.3	2237.3	2181.5	2125.7
2058.4	20°	2088.0	2117.6	2183.5	2249.5	2291.7	2333.9	2324.2	2314.3	2250.5	2186.8
1953.7	22.5°	1997.4	2041.2	2116.4	2191.8	2246.8	2301.7	2307.6	2313.4	2252.5	2191.6
1852.1	25°	1902.6	1953.0	2020.7	2088.4	2142.5	2196.5	2216.7	2236.8	2186.9	2137.0
1763.3	27.5°	1812.0	1860.8	1916.4	1971.9	2015.3	2058.6	2081.1	2103.7	2068.0	2032.5
1685.2	30°	1723.8	1762.7	1808.8	1854.9	1890.9	1926.9	1945.2	1963.5	1936.4	1909.3
1616.8	32.5°	1639.7	1662.5	1699.4	1736.3	1770.8	1805.3	1825.6	1846.0	1821.1	1796.1
1552.2	35°	1558.4	1564.8	1592.9	1620.9	1655.1	1689.3	1713.7	1738.0	1720.3	1702.6
1484.4	37.5°	1477.5	1470.5	1490.7	1510.8	1544.9	1579.0	1609.1	1639.2	1631.0	1622.9
1410.3	40°	1394.5	1378.8	1393.3	1407.8	1440.7	1473.6	1508.3	1543.0	1545.0	1546.9
1331.5	42.5°	1310.6	1289.7	1301.5	1313.5	1344.6	1375.9	1413.3	1450.7	1460.8	1470.8
1253.1	45°	1232.8	1212.5	1222.4	1232.5	1262.1	1291.7	1330.5	1369.4	1383.7	1398.1
1183.2	47.5°	1166.2	1149.1	1158.5	1167.8	1196.8	1225.7	1264.0	1302.3	1318.9	1335.4
1121.7	50°	1106.5	1091.5	1106.1	1120.8	1148.2	1175.4	1209.7	1244.0	1265.2	1286.5
1075.8	52.5°	1060.8	1045.9	1068.0	1089.9	1115.0	1140.0	1171.9	1204.0	1229.1	1254.3
1051.4	55°	1027.8	1004.2	1035.4	1066.6	1093.6	1120.6	1148.6	1176.5	1203.2	1229.9
1036.8	57.5°	1002.3	967.9	1001.5	1035.1	1066.8	1098.4	1126.1	1153.9	1180.8	1207.6
1023.1	60°	978.4	933.6	963.2	992.6	1029.0	1065.4	1093.5	1121.7	1148.7	1175.7
1007.0	62.5°	951.1	895.3	914.1	932.8	975.2	1017.7	1047.7	1077.7	1102.4	1127.2
973.3	65°	913.9	854.4	861.7	868.8	914.2	959.8	988.5	1017.2	1039.0	1060.7
913.0	67.5°	863.6	814.1	811.9	809.6	851.6	893.6	920.9	948.0	966.8	985.6
836.6	70°	801.4	766.2	758.4	750.6	787.5	824.4	847.9	871.4	888.4	905.4
751.4	72.5°	727.3	703.2	691.7	680.3	709.4	738.4	759.6	780.9	797.5	814.1
654.8	75°	636.3	617.6	606.7	595.6	617.2	638.8	658.0	677.3	692.4	707.6
558.0	77.5°	543.1	528.2	517.1	506.0	523.5	541.0	557.6	574.1	590.0	605.9
447.6	80°	435.2	422.6	413.3	403.9	418.6	433.1	447.0	460.9	473.0	485.1
329.2	82.5°	323.1	317.0	310.4	303.8	302.6	301.4	296.5	291.6	317.4	343.2
216.8	85°	210.2	203.7	196.3	188.9	182.6	176.3	162.8	149.3	173.4	197.6
95.8	87.5°	93.1	90.5	89.1	87.8	87.5	87.2	77.0	66.6	76.7	86.9
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°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2100.2	2.5°	2091.9	2085.5	2079.0	2073.1	2067.1	2059.7	2067.1	2073.1	2079.0	2085.5
1976.0	5°	1964.6	1956.5	1948.4	1942.3	1936.1	1930.0	1936.1	1942.3	1948.4	1956.5
1901.6	7.5°	1888.0	1878.7	1869.5	1863.9	1858.4	1854.2	1858.4	1863.9	1869.5	1878.7
1880.2	10°	1864.9	1856.1	1847.3	1842.6	1837.9	1836.0	1837.9	1842.6	1847.3	1856.1
1918.7	12.5°	1899.1	1889.2	1879.5	1875.5	1871.5	1870.8	1871.5	1875.5	1879.5	1889.2
1999.6	15°	1969.8	1956.2	1942.6	1937.4	1932.2	1931.7	1932.2	1937.4	1942.6	1956.2
2081.8	17.5°	2037.9	2017.7	1997.4	1990.8	1984.1	1983.1	1984.1	1990.8	1997.4	2017.7
2133.0	20°	2079.3	2053.4	2027.5	2019.2	2010.9	2008.3	2010.9	2019.2	2027.5	2053.4
2136.2	22.5°	2080.8	2053.5	2026.2	2017.0	2007.9	2004.0	2007.9	2017.0	2026.2	2053.5
2087.7	25°	2038.6	2014.9	1991.4	1982.7	1974.2	1969.2	1974.2	1982.7	1991.4	2014.9
1994.3	27.5°	1956.1	1940.3	1924.3	1920.4	1916.5	1915.2	1916.5	1920.4	1924.3	1940.3
1881.9	30°	1854.4	1846.3	1838.1	1838.1	1838.1	1839.4	1838.1	1838.1	1838.1	1846.3
1774.2	32.5°	1752.4	1747.1	1741.8	1742.5	1743.2	1744.6	1743.2	1742.5	1741.8	1747.1
1682.4	35°	1662.3	1654.2	1646.2	1644.4	1642.7	1641.8	1642.7	1644.4	1646.2	1654.2
1604.3	37.5°	1585.7	1571.0	1556.3	1548.6	1540.8	1536.5	1540.8	1548.6	1556.3	1571.0
1531.2	40°	1515.4	1494.0	1472.8	1458.3	1444.0	1435.5	1444.0	1458.3	1472.8	1494.0
1457.5	42.5°	1444.2	1417.7	1391.1	1370.1	1349.2	1335.4	1349.2	1370.1	1391.1	1417.7
1386.1	45°	1374.1	1343.8	1313.5	1288.8	1264.2	1248.3	1264.2	1288.8	1313.5	1343.8
1327.0	47.5°	1318.7	1291.7	1264.7	1241.9	1219.2	1204.0	1219.2	1241.9	1264.7	1291.7
1286.0	50°	1285.6	1264.0	1242.4	1221.4	1200.3	1185.7	1200.3	1221.4	1242.4	1264.0
1258.8	52.5°	1263.3	1245.7	1228.2	1209.3	1190.5	1177.0	1190.5	1209.3	1228.2	1245.7
1236.2	55°	1242.4	1227.1	1211.8	1195.2	1178.7	1166.5	1178.7	1195.2	1211.8	1227.1
1214.0	57.5°	1220.3	1204.8	1189.3	1173.0	1156.5	1143.9	1156.5	1173.0	1189.3	1204.8
1182.6	60°	1189.6	1174.4	1159.4	1142.5	1125.6	1112.5	1125.6	1142.5	1159.4	1174.4
1133.9	62.5°	1140.6	1126.9	1113.2	1095.5	1077.7	1062.1	1077.7	1095.5	1113.2	1126.9
1067.6	65°	1074.4	1061.3	1048.1	1030.9	1013.7	1000.2	1013.7	1030.9	1048.1	1061.3
992.3	67.5°	998.9	986.8	974.8	958.8	942.8	930.6	942.8	958.8	974.8	986.8
911.8	70°	918.2	908.4	898.6	883.2	867.9	854.0	867.9	883.2	898.6	908.4
821.8	72.5°	829.4	821.3	813.1	798.5	783.9	770.4	783.9	798.5	813.1	821.3
715.6	75°	723.6	719.6	715.6	703.3	691.0	678.1	691.0	703.3	715.6	719.6
613.4	77.5°	620.9	615.3	609.5	597.2	584.8	574.6	584.8	597.2	609.5	615.3
495.0	80°	504.9	502.5	500.1	483.5	466.8	447.5	466.8	483.5	500.1	502.5
360.1	82.5°	376.9	375.9	374.8	360.8	346.6	334.3	346.6	360.8	374.8	375.9
218.5	85°	239.4	237.7	235.9	224.9	214.0	202.8	214.0	224.9	235.9	237.7
95.3	87.5°	103.8	101.7	99.4	93.8	88.1	82.7	88.1	93.8	99.4	101.7
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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 CATALOG NUMBER: GALN-SB6A-927-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2091.9	2.5°	2100.2	2108.4	2118.7	2128.9	2142.0	2155.3	2168.4	2181.6	2196.5	2211.6
1964.6	5°	1976.0	1987.4	2003.8	2020.1	2041.3	2062.5	2085.8	2109.1	2135.5	2162.0
1888.0	7.5°	1901.6	1915.2	1934.5	1953.9	1979.8	2005.7	2035.1	2064.5	2099.3	2134.1
1864.9	10°	1880.2	1895.3	1918.6	1941.7	1970.9	2000.1	2031.7	2063.3	2098.2	2133.0
1899.1	12.5°	1918.7	1938.2	1967.8	1997.4	2027.6	2057.8	2082.5	2107.4	2130.4	2153.5
1969.8	15°	1999.6	2029.4	2071.5	2113.7	2139.9	2166.1	2172.5	2179.0	2175.8	2172.7
2037.9	17.5°	2081.8	2125.7	2181.5	2237.3	2258.3	2279.5	2259.4	2239.2	2201.2	2163.3
2079.3	20°	2133.0	2186.8	2250.5	2314.3	2324.2	2333.9	2291.7	2249.5	2183.5	2117.6
2080.8	22.5°	2136.2	2191.6	2252.5	2313.4	2307.6	2301.7	2246.8	2191.8	2116.4	2041.2
2038.6	25°	2087.7	2137.0	2186.9	2236.8	2216.7	2196.5	2142.5	2088.4	2020.7	1953.0
1956.1	27.5°	1994.3	2032.5	2068.0	2103.7	2081.1	2058.6	2015.3	1971.9	1916.4	1860.8
1854.4	30°	1881.9	1909.3	1936.4	1963.5	1945.2	1926.9	1890.9	1854.9	1808.8	1762.7
1752.4	32.5°	1774.2	1796.1	1821.1	1846.0	1825.6	1805.3	1770.8	1736.3	1699.4	1662.5
1662.3	35°	1682.4	1702.6	1720.3	1738.0	1713.7	1689.3	1655.1	1620.9	1592.9	1564.8
1585.7	37.5°	1604.3	1622.9	1631.0	1639.2	1609.1	1579.0	1544.9	1510.8	1490.7	1470.5
1515.4	40°	1531.2	1546.9	1545.0	1543.0	1508.3	1473.6	1440.7	1407.8	1393.3	1378.8
1444.2	42.5°	1457.5	1470.8	1460.8	1450.7	1413.3	1375.9	1344.6	1313.5	1301.5	1289.7
1374.1	45°	1386.1	1398.1	1383.7	1369.4	1330.5	1291.7	1262.1	1232.5	1222.4	1212.5
1318.7	47.5°	1327.0	1335.4	1318.9	1302.3	1264.0	1225.7	1196.8	1167.8	1158.5	1149.1
1285.6	50°	1286.0	1286.5	1265.2	1244.0	1209.7	1175.4	1148.2	1120.8	1106.1	1091.5
1263.3	52.5°	1258.8	1254.3	1229.1	1204.0	1171.9	1140.0	1115.0	1089.9	1068.0	1045.9
1242.4	55°	1236.2	1229.9	1203.2	1176.5	1148.6	1120.6	1093.6	1066.6	1035.4	1004.2
1220.3	57.5°	1214.0	1207.6	1180.8	1153.9	1126.1	1098.4	1066.8	1035.1	1001.5	967.9
1189.6	60°	1182.6	1175.7	1148.7	1121.7	1093.5	1065.4	1029.0	992.6	963.2	933.6
1140.6	62.5°	1133.9	1127.2	1102.4	1077.7	1047.7	1017.7	975.2	932.8	914.1	895.3
1074.4	65°	1067.6	1060.7	1039.0	1017.2	988.5	959.8	914.2	868.8	861.7	854.4
998.9	67.5°	992.3	985.6	966.8	948.0	920.9	893.6	851.6	809.6	811.9	814.1
918.2	70°	911.8	905.4	888.4	871.4	847.9	824.4	787.5	750.6	758.4	766.2
829.4	72.5°	821.8	814.1	797.5	780.9	759.6	738.4	709.4	680.3	691.7	703.2
723.6	75°	715.6	707.6	692.4	677.3	658.0	638.8	617.2	595.6	606.7	617.6
620.9	77.5°	613.4	605.9	590.0	574.1	557.6	541.0	523.5	506.0	517.1	528.2
504.9	80°	495.0	485.1	473.0	460.9	447.0	433.1	418.6	403.9	413.3	422.6
376.9	82.5°	360.1	343.2	317.4	291.6	296.5	301.4	302.6	303.8	310.4	317.0
239.4	85°	218.5	197.6	173.4	149.3	162.8	176.3	182.6	188.9	196.3	203.7
103.8	87.5°	95.3	86.9	76.7	66.6	77.0	87.2	87.5	87.8	89.1	90.5
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2228.2	2.5°	2244.9	2265.6	2284.1	2303.3	2322.4	2342.4	2362.5	2382.3	2402.2	2421.0
2193.6	5°	2225.1	2261.2	2297.8	2336.5	2375.3	2416.7	2458.2	2499.4	2540.7	2582.0
2176.0	7.5°	2218.0	2264.7	2314.6	2368.6	2422.7	2484.1	2545.4	2608.5	2671.5	2739.7
2177.2	10°	2221.4	2271.7	2333.2	2397.3	2461.2	2535.8	2610.3	2693.5	2776.8	2863.1
2189.6	12.5°	2225.8	2272.5	2337.2	2409.6	2481.9	2569.8	2657.7	2752.1	2846.5	2941.2
2189.9	15°	2207.2	2244.7	2316.3	2400.1	2483.8	2585.1	2686.3	2788.7	2891.1	2989.9
2157.0	17.5°	2150.7	2173.7	2258.0	2358.7	2459.4	2577.0	2694.5	2806.2	2917.9	3018.1
2088.0	20°	2058.4	2064.5	2162.6	2287.4	2412.3	2554.7	2697.1	2819.8	2942.6	3046.8
1997.4	22.5°	1953.7	1941.7	2053.4	2203.8	2354.1	2527.3	2700.6	2838.3	2975.9	3082.4
1902.6	25°	1852.1	1819.9	1934.3	2110.4	2286.5	2500.4	2714.3	2871.7	3029.0	3133.2
1812.0	27.5°	1763.3	1724.1	1828.3	2025.0	2221.6	2482.3	2743.1	2924.0	3104.8	3204.3
1723.8	30°	1685.2	1654.5	1741.9	1953.6	2165.2	2473.9	2782.4	2991.6	3200.8	3296.8
1639.7	32.5°	1616.8	1603.1	1673.6	1892.0	2110.4	2463.4	2816.4	3062.2	3308.0	3403.1
1558.4	35°	1552.2	1557.8	1616.6	1831.5	2046.5	2443.8	2841.3	3142.6	3444.0	3535.2
1477.5	37.5°	1484.4	1505.2	1556.5	1760.3	1964.1	2410.1	2856.1	3232.7	3609.4	3725.5
1394.5	40°	1410.3	1442.0	1488.6	1675.3	1862.1	2363.7	2865.4	3347.1	3828.8	3998.0
1310.6	42.5°	1331.5	1371.5	1414.4	1581.6	1748.7	2315.8	2883.0	3496.8	4110.5	4354.8
1232.8	45°	1253.1	1291.9	1335.4	1482.0	1628.6	2271.3	2914.1	3693.7	4473.2	4802.7
1166.2	47.5°	1183.2	1216.6	1272.7	1403.2	1533.7	2234.6	2935.4	3903.5	4871.5	5335.3
1106.5	50°	1121.7	1160.4	1234.2	1350.9	1467.5	2194.5	2921.5	4098.1	5274.8	5974.0
1060.8	52.5°	1075.8	1130.0	1214.8	1316.4	1418.1	2126.9	2835.8	4224.5	5613.2	6644.8
1027.8	55°	1051.4	1133.0	1212.0	1291.4	1370.9	2014.8	2658.6	4196.7	5734.7	7239.6
1002.3	57.5°	1036.8	1136.0	1205.7	1261.8	1318.0	1856.7	2395.3	4000.6	5606.1	7661.1
978.4	60°	1023.1	1126.5	1172.4	1216.6	1260.7	1651.4	2042.1	3635.8	5229.5	7766.4
951.1	62.5°	1007.0	1103.0	1108.6	1137.9	1167.2	1405.7	1644.3	3142.5	4640.7	7322.9
913.9	65°	973.3	1046.4	1045.7	1059.5	1073.4	1184.7	1296.1	2639.1	3982.3	6695.3
863.6	67.5°	913.0	954.1	956.0	948.4	940.6	972.3	1003.9	2146.0	3288.2	5948.5
801.4	70°	836.6	850.1	850.1	814.3	778.4	769.5	760.4	1689.7	2619.0	5133.6
727.3	72.5°	751.4	751.3	742.7	692.0	641.1	613.8	586.6	1291.8	1997.0	4250.1
636.3	75°	654.8	658.1	618.8	561.8	504.9	480.2	455.5	937.6	1419.7	3237.4
543.1	77.5°	558.0	559.8	494.9	439.6	384.3	367.5	350.7	635.3	920.0	2265.9
435.2	80°	447.6	447.9	370.4	323.7	276.8	269.9	262.9	409.3	555.8	1459.9
323.1	82.5°	329.2	325.6	259.4	224.9	190.5	189.1	187.9	251.8	315.8	844.9
210.2	85°	216.8	212.0	162.8	137.5	112.3	113.0	113.6	134.6	155.7	380.1
93.1	87.5°	95.8	89.7	69.2	58.8	48.6	49.2	49.8	55.8	61.8	124.5
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°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2439.7	2.5°	2448.9	2458.2	2471.4	2484.5	2492.3	2500.2	2504.1	2508.0	2506.3	2508.0
2623.4	5°	2655.7	2688.0	2720.1	2752.2	2769.6	2787.0	2797.6	2808.2	2816.2	2808.2
2807.9	7.5°	2860.5	2913.0	2960.3	3007.5	3036.0	3064.5	3079.9	3095.2	3102.6	3095.2
2949.4	10°	3011.5	3073.7	3129.1	3184.6	3218.2	3251.6	3266.6	3281.5	3287.1	3281.5
3036.0	12.5°	3103.4	3170.7	3220.8	3270.8	3295.2	3319.5	3327.7	3335.9	3336.8	3335.9
3088.7	15°	3146.8	3204.9	3236.3	3267.8	3268.7	3269.6	3260.9	3252.1	3241.9	3252.1
3118.3	17.5°	3157.5	3196.8	3197.4	3197.9	3162.7	3127.4	3095.1	3062.7	3039.9	3062.7
3150.9	20°	3164.6	3178.3	3137.0	3095.6	3017.8	2940.0	2883.3	2826.6	2791.8	2826.6
3188.8	22.5°	3170.8	3152.9	3067.2	2981.6	2867.1	2752.6	2681.8	2610.9	2572.4	2610.9
3237.5	25°	3180.9	3124.4	2994.3	2864.2	2725.2	2586.2	2511.7	2437.3	2400.9	2437.3
3303.7	27.5°	3202.5	3101.3	2929.0	2756.8	2602.7	2448.6	2375.3	2302.1	2267.7	2302.1
3392.9	30°	3242.1	3091.3	2879.2	2667.1	2506.6	2346.1	2278.1	2210.1	2178.1	2210.1
3498.2	32.5°	3291.7	3085.2	2845.3	2605.3	2454.5	2303.6	2250.2	2196.8	2173.7	2196.8
3626.2	35°	3373.4	3120.7	2870.7	2620.7	2515.9	2411.2	2398.8	2386.3	2384.4	2386.3
3841.7	37.5°	3544.3	3246.9	3019.7	2792.5	2785.7	2778.9	2835.9	2892.8	2922.4	2892.8
4167.3	40°	3843.9	3520.4	3351.5	3182.5	3301.8	3421.0	3559.4	3697.9	3766.8	3697.9
4599.0	42.5°	4278.2	3957.3	3860.0	3762.6	4022.7	4282.9	4534.6	4786.4	4934.2	4786.4
5132.2	45°	4844.0	4555.7	4512.8	4469.8	4886.5	5303.3	5717.0	6130.8	6381.9	6130.8
5799.1	47.5°	5518.7	5238.2	5229.5	5220.8	5822.0	6423.0	7028.6	7634.2	7989.8	7634.2
6673.1	50°	6326.7	5980.4	5981.9	5983.4	6758.1	7532.9	8332.3	9131.7	9615.1	9131.7
7676.4	52.5°	7257.0	6837.6	6795.2	6752.7	7678.2	8603.7	9592.8	10581.8	11161.1	10581.8
8744.5	55°	8330.2	7915.8	7750.5	7585.2	8615.2	9645.1	10824.2	12003.4	12692.4	12003.4
9716.1	57.5°	9490.4	9264.7	8933.1	8601.6	9641.6	10681.7	12017.2	13352.7	14207.1	13352.7
10303.2	60°	10653.7	11004.3	10592.5	10180.7	11165.0	12149.2	13579.1	15009.1	15932.6	15009.1
10005.1	62.5°	10962.7	11920.4	11874.0	11827.5	12729.2	13630.9	14991.3	16351.7	17205.3	16351.7
9408.3	65°	10307.1	11206.0	11383.8	11561.6	12707.4	13853.3	15172.5	16491.6	17218.3	16491.6
8608.7	67.5°	9463.6	10318.5	10401.9	10485.2	11679.0	12872.8	14197.7	15522.5	16091.9	15522.5
7648.1	70°	8577.9	9507.8	9545.1	9582.4	10650.1	11717.6	12857.7	13997.8	14314.2	13997.8
6503.3	72.5°	7570.4	8637.5	8664.3	8691.0	9526.3	10361.6	11215.5	12069.3	12101.3	12069.3
5055.2	75°	6159.6	7263.9	7363.1	7462.2	8112.1	8761.9	9363.1	9964.2	9803.1	9964.2
3611.9	77.5°	4642.7	5673.7	5815.6	5957.5	6451.5	6945.6	7371.9	7798.3	7521.4	7798.3
2363.9	80°	3231.3	4098.5	4274.9	4451.2	4824.3	5197.3	5421.2	5645.0	5199.7	5645.0
1374.1	82.5°	1967.1	2560.1	2757.1	2954.2	3211.0	3467.8	3561.2	3654.5	3304.6	3654.5
604.6	85°	919.3	1234.0	1401.6	1569.1	1780.2	1991.1	2044.1	2097.1	1816.8	2097.1
187.2	87.5°	292.9	398.7	492.2	585.7	691.2	796.7	801.2	805.7	676.4	805.7
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):**

325°		330°	335°	340°	345°	350°	355°	360°
2268.6	0°	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6	2268.6
2504.1	2.5°	2500.2	2492.3	2484.5	2471.4	2458.2	2448.9	2439.7
2797.6	5°	2787.0	2769.6	2752.2	2720.1	2688.0	2655.7	2623.4
3079.9	7.5°	3064.5	3036.0	3007.5	2960.3	2913.0	2860.5	2807.9
3266.6	10°	3251.6	3218.2	3184.6	3129.1	3073.7	3011.5	2949.4
3327.7	12.5°	3319.5	3295.2	3270.8	3220.8	3170.7	3103.4	3036.0
3260.9	15°	3269.6	3268.7	3267.8	3236.3	3204.9	3146.8	3088.7
3095.1	17.5°	3127.4	3162.7	3197.9	3197.4	3196.8	3157.5	3118.3
2883.3	20°	2940.0	3017.8	3095.6	3137.0	3178.3	3164.6	3150.9
2681.8	22.5°	2752.6	2867.1	2981.6	3067.2	3152.9	3170.8	3188.8
2511.7	25°	2586.2	2725.2	2864.2	2994.3	3124.4	3180.9	3237.5
2375.3	27.5°	2448.6	2602.7	2756.8	2929.0	3101.3	3202.5	3303.7
2278.1	30°	2346.1	2506.6	2667.1	2879.2	3091.3	3242.1	3392.9
2250.2	32.5°	2303.6	2454.5	2605.3	2845.3	3085.2	3291.7	3498.2
2398.8	35°	2411.2	2515.9	2620.7	2870.7	3120.7	3373.4	3626.2
2835.9	37.5°	2778.9	2785.7	2792.5	3019.7	3246.9	3544.3	3841.7
3559.4	40°	3421.0	3301.8	3182.5	3351.5	3520.4	3843.9	4167.3
4534.6	42.5°	4282.9	4022.7	3762.6	3860.0	3957.3	4278.2	4599.0
5717.0	45°	5303.3	4886.5	4469.8	4512.8	4555.7	4844.0	5132.2
7028.6	47.5°	6423.0	5822.0	5220.8	5229.5	5238.2	5518.7	5799.1
8332.3	50°	7532.9	6758.1	5983.4	5981.9	5980.4	6326.7	6673.1
9592.8	52.5°	8603.7	7678.2	6752.7	6795.2	6837.6	7257.0	7676.4
10824.2	55°	9645.1	8615.2	7585.2	7750.5	7915.8	8330.2	8744.5
12017.2	57.5°	10681.7	9641.6	8601.6	8933.1	9264.7	9490.4	9716.1
13579.1	60°	12149.2	11165.0	10180.7	10592.5	11004.3	10653.7	10303.2
14991.3	62.5°	13630.9	12729.2	11827.5	11874.0	11920.4	10962.7	10005.1
15172.5	65°	13853.3	12707.4	11561.6	11383.8	11206.0	10307.1	9408.3
14197.7	67.5°	12872.8	11679.0	10485.2	10401.9	10318.5	9463.6	8608.7
12857.7	70°	11717.6	10650.1	9582.4	9545.1	9507.8	8577.9	7648.1
11215.5	72.5°	10361.6	9526.3	8691.0	8664.3	8637.5	7570.4	6503.3
9363.1	75°	8761.9	8112.1	7462.2	7363.1	7263.9	6159.6	5055.2
7371.9	77.5°	6945.6	6451.5	5957.5	5815.6	5673.7	4642.7	3611.9
5421.2	80°	5197.3	4824.3	4451.2	4274.9	4098.5	3231.3	2363.9
3561.2	82.5°	3467.8	3211.0	2954.2	2757.1	2560.1	1967.1	1374.1
2044.1	85°	1991.1	1780.2	1569.1	1401.6	1234.0	919.3	604.6
801.2	87.5°	796.7	691.2	585.7	492.2	398.7	292.9	187.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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