

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: P948097

Luminaire Tested: **GALN-SB3B-730-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948097  
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-SB3B-730-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

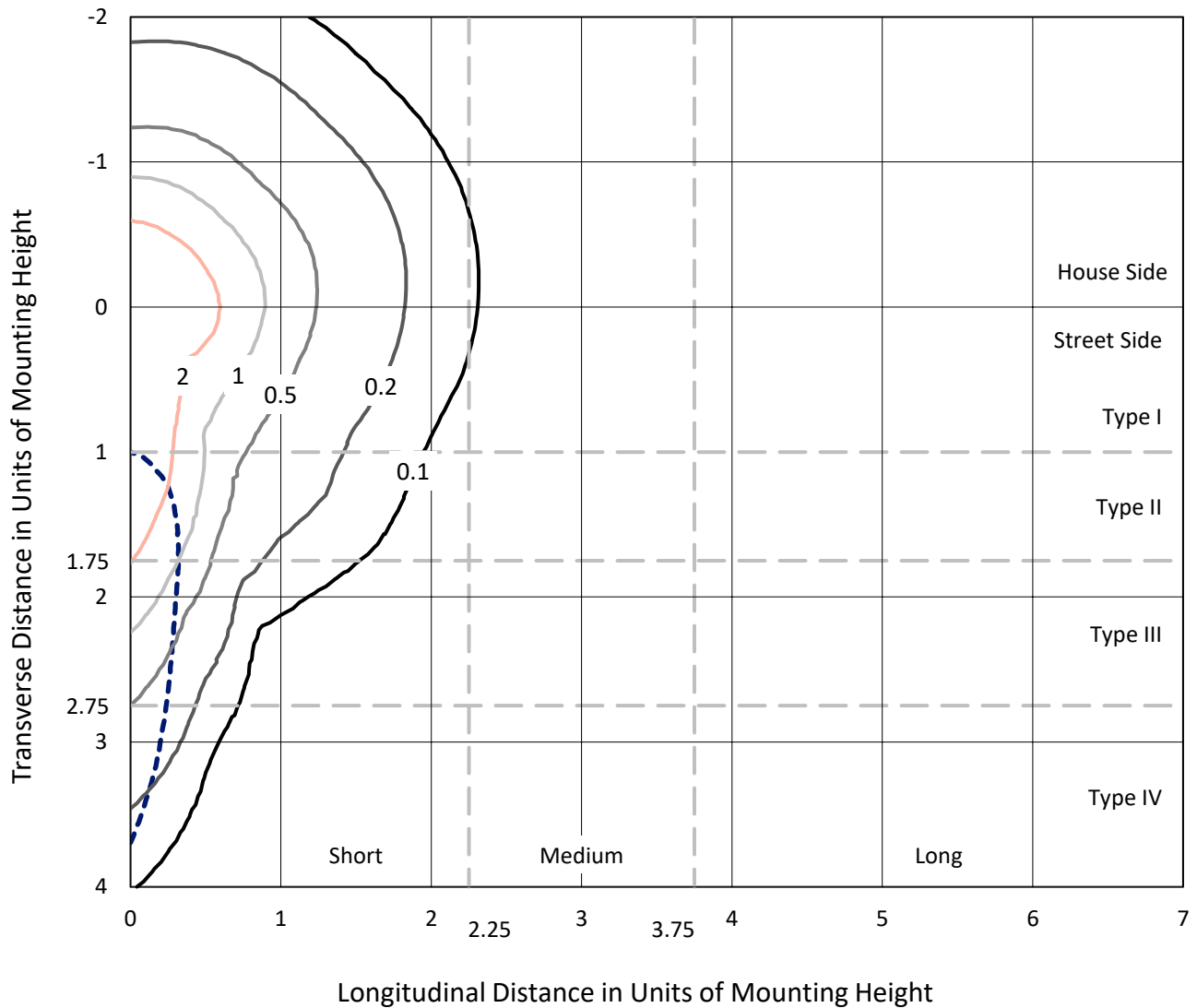
Lumens per Lamp: N/A  
Luminaire Lumens: 16835 lumens  
Efficiency: N/A  
Efficacy: 154.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

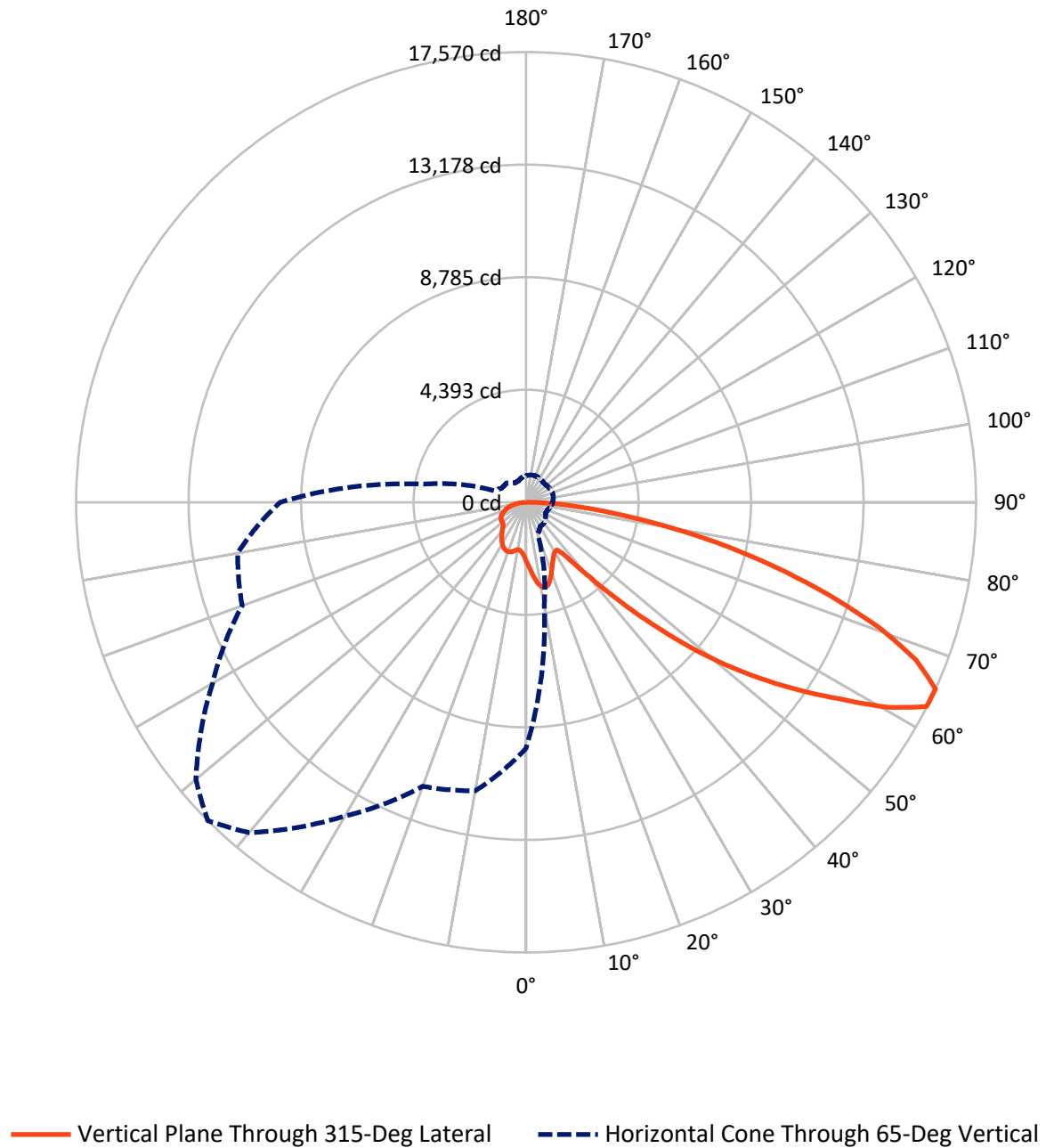
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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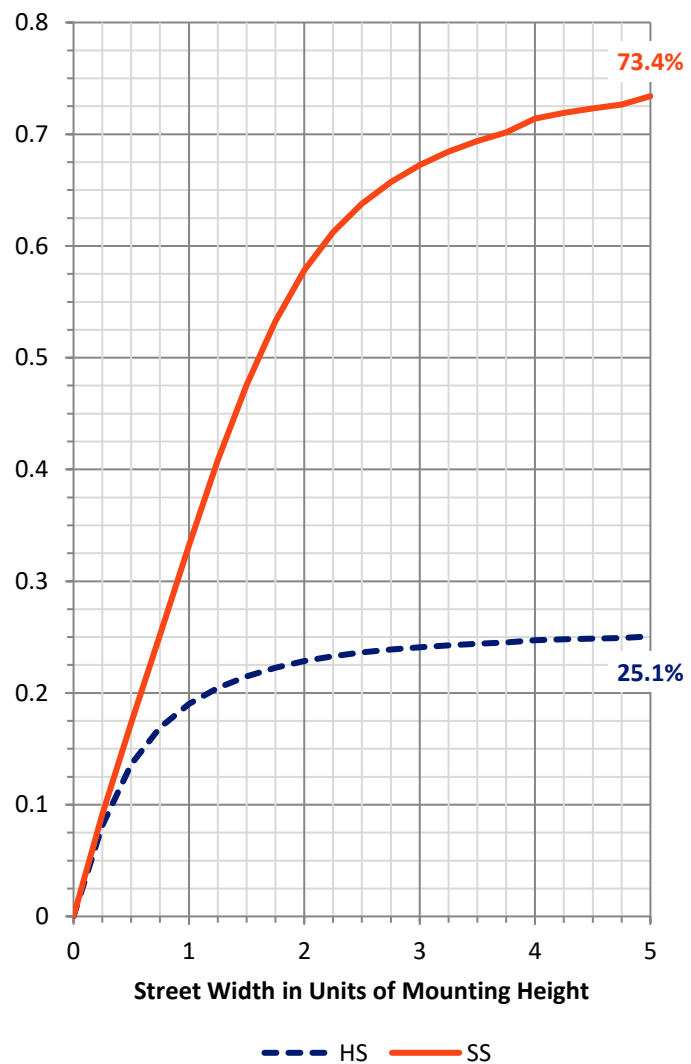
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4278.6	0.0	4278.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	12556.4	0.0	12556.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	16835.0	0.0	16835.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	229.6	1.4
10°-20°	720.9	4.3
20°-30°	1113.5	6.6
30°-40°	1411.1	8.4
40°-50°	2128.3	12.6
50°-60°	3438.6	20.4
60°-70°	4286.8	25.5
70°-80°	2811.1	16.7
80°-90°	695.0	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°	16835.0	100.0
0°-180°	16835.0	100.0

**Coefficient of Utilization**



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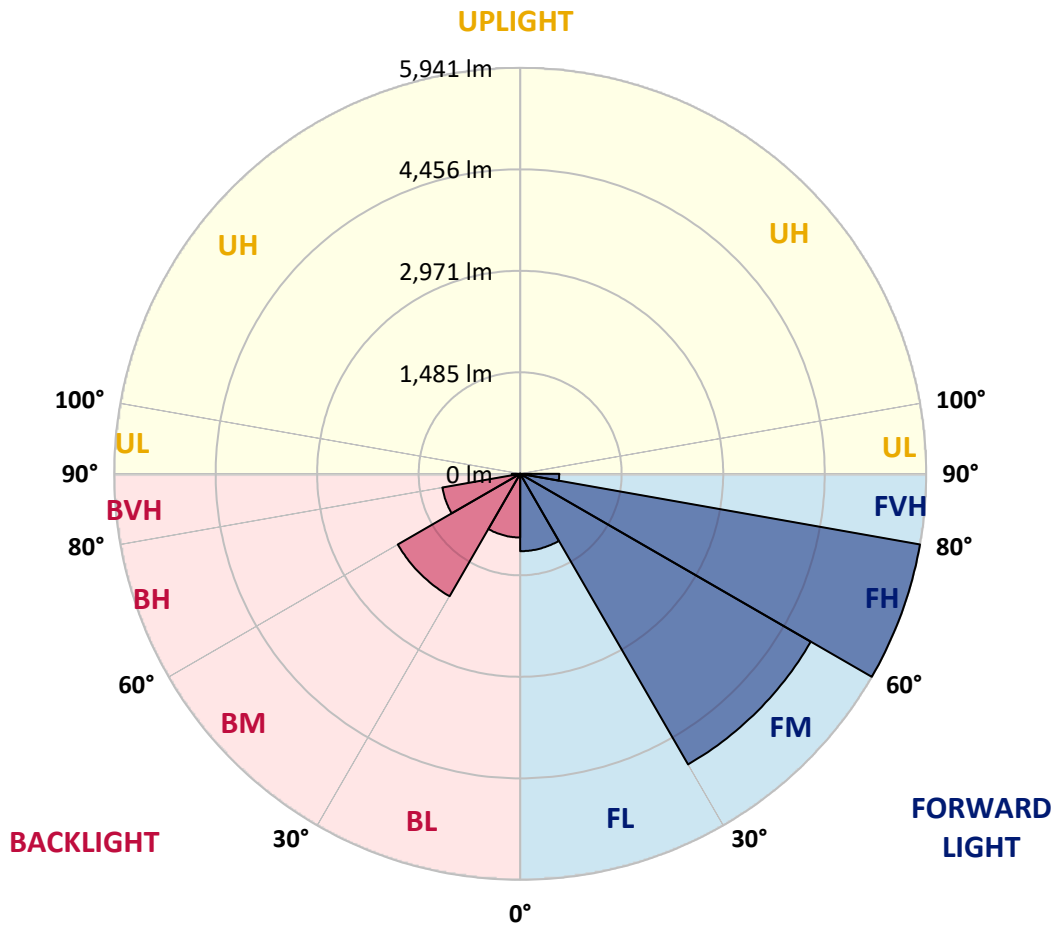
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1132.3	6.7			
FM (30°-60°)	4910.4	29.2			
FH (60°-80°)	5941.1	35.3			G3/7500
FVH (80°-90°)	572.5	3.4			G4/750
BL (0°-30°)	931.7	5.5	B2/1000		
BM (30°-60°)	2067.7	12.3	B2/2500		
BH (60°-80°)	1156.7	6.9	B3/2500		G3/2500
BVH (80°-90°)	122.5	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°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2489.5	2470.4	2451.3	2431.0	2410.7	2390.3	2369.9	2350.3	2330.8	2311.8	2290.8
5°	2676.9	2634.8	2592.6	2550.5	2508.4	2466.1	2423.8	2384.2	2344.7	2307.4	2270.5
7.5°	2865.3	2795.6	2726.1	2661.8	2597.4	2534.8	2472.2	2417.0	2361.9	2311.0	2263.3
10°	3009.6	2921.6	2833.6	2748.5	2663.6	2587.6	2511.5	2446.3	2380.9	2318.1	2266.8
12.5°	3098.0	3001.3	2904.6	2808.3	2712.0	2622.3	2532.6	2458.8	2385.0	2319.0	2271.3
15°	3151.8	3050.9	2950.1	2845.6	2741.2	2637.9	2534.5	2449.1	2363.6	2290.5	2252.3
17.5°	3182.0	3079.7	2977.5	2863.5	2749.5	2629.6	2509.7	2406.9	2304.1	2218.1	2194.6
20°	3215.3	3109.0	3002.7	2877.4	2752.2	2606.9	2461.5	2334.1	2206.8	2106.6	2100.4
22.5°	3253.9	3145.4	3036.7	2896.3	2755.7	2579.0	2402.2	2248.8	2095.4	1981.4	1993.6
25°	3303.7	3197.2	3090.9	2930.4	2769.8	2551.4	2333.2	2153.5	1973.8	1857.0	1889.9
27.5°	3371.2	3269.7	3168.2	2983.7	2799.1	2533.0	2267.0	2066.3	1865.6	1759.3	1799.3
30°	3462.2	3364.2	3266.2	3052.7	2839.2	2524.4	2209.4	1993.5	1777.5	1688.2	1719.6
32.5°	3569.7	3472.6	3375.6	3124.7	2873.9	2513.8	2153.5	1930.7	1707.8	1635.8	1649.8
35°	3700.3	3607.4	3514.4	3206.8	2899.3	2493.7	2088.3	1868.9	1649.6	1589.6	1583.9
37.5°	3920.1	3801.6	3683.1	3298.8	2914.4	2459.3	2004.2	1796.3	1588.3	1535.9	1514.8
40°	4252.4	4079.7	3907.0	3415.5	2923.9	2412.0	1900.1	1709.6	1519.0	1471.5	1439.1
42.5°	4693.0	4443.7	4194.5	3568.2	2941.9	2363.1	1784.5	1613.9	1443.3	1399.5	1358.7
45°	5237.1	4900.9	4564.6	3769.1	2973.6	2317.7	1661.9	1512.3	1362.7	1318.3	1278.7
47.5°	5917.5	5444.3	4971.0	3983.2	2995.4	2280.2	1565.0	1431.9	1298.7	1241.4	1207.4
50°	6809.4	6096.0	5382.5	4181.8	2981.2	2239.4	1497.5	1378.5	1259.5	1184.1	1144.6
52.5°	7833.2	6780.5	5727.9	4310.8	2893.7	2170.3	1447.1	1343.3	1239.6	1153.0	1097.8
55°	8923.2	7387.4	5851.8	4282.4	2712.9	2055.9	1398.9	1317.8	1236.7	1156.1	1072.9
57.5°	9914.5	7817.6	5720.6	4082.4	2444.2	1894.6	1344.9	1287.6	1230.3	1159.3	1058.0
60°	10513.7	7925.0	5336.3	3710.1	2083.8	1685.1	1286.5	1241.4	1196.4	1149.5	1044.0
62.5°	10209.4	7472.4	4735.4	3206.7	1677.9	1434.5	1191.1	1161.1	1131.3	1125.5	1027.6
65°	9600.5	6832.1	4063.6	2693.0	1322.5	1208.9	1095.3	1081.2	1067.0	1067.8	993.1
67.5°	8784.6	6070.0	3355.4	2189.9	1024.4	992.2	959.8	967.7	975.6	973.6	931.7
70°	7804.3	5238.4	2672.5	1724.2	775.9	785.2	794.3	830.9	867.4	867.4	853.7
72.5°	6636.2	4336.9	2037.8	1318.2	598.5	626.4	654.2	706.1	757.9	766.6	766.8
75°	5158.5	3303.6	1448.7	956.7	464.8	490.0	515.2	573.3	631.4	671.6	668.2
77.5°	3685.6	2312.2	938.8	648.3	357.8	375.0	392.2	448.6	505.0	571.2	569.4
80°	2412.2	1489.7	567.2	417.7	268.3	275.4	282.5	330.3	378.0	457.0	456.8
82.5°	1402.2	862.2	322.3	256.9	191.7	192.9	194.4	229.5	264.7	332.2	336.0
85°	616.9	387.8	158.8	137.3	115.9	115.3	114.6	140.4	166.1	216.3	221.2
87.5°	191.0	127.0	63.1	56.9	50.8	50.2	49.6	60.1	70.6	91.5	97.7
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):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2273.7	2256.8	2241.4	2226.1	2212.7	2199.3	2185.8	2172.4	2162.0	2151.5	2143.1
5°	2238.4	2206.1	2179.1	2152.2	2128.4	2104.6	2083.0	2061.3	2044.7	2028.0	2016.4
7.5°	2220.4	2177.7	2142.2	2106.6	2076.7	2046.7	2020.2	1993.8	1974.0	1954.3	1940.4
10°	2221.7	2176.6	2141.0	2105.5	2073.2	2040.9	2011.2	1981.4	1957.8	1934.0	1918.6
12.5°	2234.3	2197.5	2173.9	2150.4	2125.0	2099.8	2069.0	2038.2	2008.0	1977.8	1957.9
15°	2234.7	2217.1	2220.3	2223.5	2216.9	2210.3	2183.6	2156.8	2113.8	2070.8	2040.5
17.5°	2201.1	2207.5	2246.2	2284.9	2305.5	2326.1	2304.5	2283.0	2226.0	2169.1	2124.3
20°	2130.6	2160.8	2228.1	2295.4	2338.5	2381.6	2371.6	2361.6	2296.5	2231.5	2176.6
22.5°	2038.2	2082.9	2159.7	2236.6	2292.7	2348.7	2354.8	2360.7	2298.5	2236.3	2179.8
25°	1941.4	1992.9	2062.0	2131.1	2186.2	2241.4	2262.0	2282.5	2231.5	2180.6	2130.4
27.5°	1849.0	1898.8	1955.5	2012.2	2056.5	2100.7	2123.6	2146.6	2110.3	2074.0	2035.0
30°	1759.0	1798.7	1845.7	1892.8	1929.5	1966.3	1984.9	2003.6	1976.0	1948.3	1920.4
32.5°	1673.1	1696.5	1734.1	1771.8	1806.9	1842.2	1862.9	1883.7	1858.3	1832.8	1810.5
35°	1590.3	1596.8	1625.4	1654.0	1688.9	1723.8	1748.7	1773.5	1755.4	1737.4	1716.8
37.5°	1507.7	1500.5	1521.2	1541.7	1576.4	1611.2	1642.0	1672.7	1664.4	1656.0	1637.1
40°	1423.0	1406.9	1421.8	1436.6	1470.2	1503.7	1539.1	1574.5	1576.6	1578.5	1562.5
42.5°	1337.4	1316.0	1328.1	1340.3	1372.1	1404.0	1442.2	1480.4	1490.6	1500.8	1487.2
45°	1257.9	1237.2	1247.4	1257.7	1287.9	1318.1	1357.7	1397.3	1412.0	1426.6	1414.4
47.5°	1190.0	1172.6	1182.2	1191.7	1221.3	1250.8	1289.8	1328.9	1345.8	1362.7	1354.2
50°	1129.1	1113.8	1128.7	1143.7	1171.6	1199.4	1234.4	1269.4	1291.1	1312.8	1312.2
52.5°	1082.5	1067.3	1089.8	1112.2	1137.8	1163.3	1195.9	1228.5	1254.2	1279.9	1284.5
55°	1048.7	1024.7	1056.6	1088.4	1115.9	1143.4	1172.0	1200.6	1227.7	1255.0	1261.4
57.5°	1022.8	987.6	1021.9	1056.2	1088.5	1120.9	1149.1	1177.5	1204.9	1232.3	1238.8
60°	998.4	952.7	982.8	1012.9	1050.0	1087.1	1115.8	1144.6	1172.1	1199.7	1206.8
62.5°	970.6	913.6	932.7	951.8	995.1	1038.4	1069.1	1099.7	1125.0	1150.2	1157.0
65°	932.6	871.9	879.3	886.5	932.9	979.4	1008.7	1038.0	1060.2	1082.4	1089.4
67.5°	881.2	830.8	828.4	826.1	869.0	911.9	939.7	967.4	986.6	1005.8	1012.6
70°	817.8	781.9	773.9	765.9	803.6	841.2	865.2	889.2	906.5	923.9	930.4
72.5°	742.2	717.6	705.9	694.2	723.9	753.5	775.1	796.8	813.8	830.8	838.6
75°	649.3	630.3	619.1	607.8	629.8	651.8	671.5	691.1	706.6	722.0	730.2
77.5°	554.2	539.0	527.7	516.3	534.2	552.1	569.0	585.8	602.1	618.3	625.9
80°	444.1	431.3	421.8	412.2	427.1	441.9	456.2	470.4	482.7	495.0	505.1
82.5°	329.7	323.5	316.8	310.0	308.8	307.5	302.6	297.6	323.9	350.2	367.4
85°	214.5	207.9	200.3	192.8	186.4	179.9	166.1	152.3	177.0	201.6	223.0
87.5°	95.1	92.4	91.0	89.5	89.3	89.0	78.5	68.0	78.3	88.7	97.3
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°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2134.6	2128.1	2121.5	2115.4	2109.3	2101.8	2109.3	2115.4	2121.5	2128.1	2134.6
5°	2004.8	1996.5	1988.2	1981.9	1975.6	1969.4	1975.6	1981.9	1988.2	1996.5	2004.8
7.5°	1926.6	1917.1	1907.7	1902.0	1896.4	1892.1	1896.4	1902.0	1907.7	1917.1	1926.6
10°	1903.0	1894.0	1885.0	1880.2	1875.4	1873.5	1875.4	1880.2	1885.0	1894.0	1903.0
12.5°	1937.9	1927.8	1917.9	1913.8	1909.7	1909.0	1909.7	1913.8	1917.9	1927.8	1937.9
15°	2010.1	1996.1	1982.3	1977.0	1971.6	1971.2	1971.6	1977.0	1982.3	1996.1	2010.1
17.5°	2079.6	2058.9	2038.2	2031.5	2024.7	2023.6	2024.7	2031.5	2038.2	2058.9	2079.6
20°	2121.7	2095.4	2068.9	2060.5	2052.0	2049.4	2052.0	2060.5	2068.9	2095.4	2121.7
22.5°	2123.3	2095.5	2067.6	2058.2	2048.9	2044.9	2048.9	2058.2	2067.6	2095.5	2123.3
25°	2080.3	2056.1	2032.0	2023.2	2014.5	2009.4	2014.5	2023.2	2032.0	2056.1	2080.3
27.5°	1996.1	1979.9	1963.6	1959.6	1955.6	1954.3	1955.6	1959.6	1963.6	1979.9	1996.1
30°	1892.3	1884.0	1875.7	1875.7	1875.7	1877.0	1875.7	1875.7	1875.7	1884.0	1892.3
32.5°	1788.2	1782.8	1777.3	1778.1	1778.9	1780.2	1778.9	1778.1	1777.3	1782.8	1788.2
35°	1696.2	1688.0	1679.8	1678.0	1676.3	1675.4	1676.3	1678.0	1679.8	1688.0	1696.2
37.5°	1618.1	1603.1	1588.1	1580.2	1572.3	1567.9	1572.3	1580.2	1588.1	1603.1	1618.1
40°	1546.4	1524.5	1502.9	1488.1	1473.5	1464.8	1473.5	1488.1	1502.9	1524.5	1546.4
42.5°	1473.7	1446.6	1419.5	1398.1	1376.7	1362.7	1376.7	1398.1	1419.5	1446.6	1473.7
45°	1402.2	1371.2	1340.3	1315.2	1290.0	1273.8	1290.0	1315.2	1340.3	1371.2	1402.2
47.5°	1345.6	1318.1	1290.5	1267.3	1244.1	1228.5	1244.1	1267.3	1290.5	1318.1	1345.6
50°	1311.9	1289.8	1267.8	1246.3	1224.8	1209.9	1224.8	1246.3	1267.8	1289.8	1311.9
52.5°	1289.1	1271.2	1253.2	1234.0	1214.8	1201.0	1214.8	1234.0	1253.2	1271.2	1289.1
55°	1267.8	1252.2	1236.5	1219.7	1202.8	1190.3	1202.8	1219.7	1236.5	1252.2	1267.8
57.5°	1245.2	1229.4	1213.6	1196.9	1180.1	1167.3	1180.1	1196.9	1213.6	1229.4	1245.2
60°	1213.9	1198.4	1183.1	1165.8	1148.6	1135.3	1148.6	1165.8	1183.1	1198.4	1213.9
62.5°	1163.9	1149.9	1136.0	1117.9	1099.7	1083.7	1099.7	1117.9	1136.0	1149.9	1163.9
65°	1096.4	1082.9	1069.5	1051.9	1034.4	1020.7	1034.4	1051.9	1069.5	1082.9	1096.4
67.5°	1019.3	1007.0	994.7	978.4	962.0	949.6	962.0	978.4	994.7	1007.0	1019.3
70°	937.0	927.0	916.9	901.3	885.7	871.4	885.7	901.3	916.9	927.0	937.0
72.5°	846.4	838.0	829.7	814.8	799.9	786.2	799.9	814.8	829.7	838.0	846.4
75°	738.4	734.3	730.2	717.7	705.1	692.0	705.1	717.7	730.2	734.3	738.4
77.5°	633.5	627.9	622.0	609.4	596.8	586.3	596.8	609.4	622.0	627.9	633.5
80°	515.2	512.7	510.3	493.4	476.3	456.6	476.3	493.4	510.3	512.7	515.2
82.5°	384.6	383.6	382.4	368.1	353.7	341.1	353.7	368.1	382.4	383.6	384.6
85°	244.3	242.5	240.7	229.5	218.3	207.0	218.3	229.5	240.7	242.5	244.3
87.5°	105.9	103.8	101.4	95.8	89.9	84.4	89.9	95.8	101.4	103.8	105.9
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):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2143.1	2151.5	2162.0	2172.4	2185.8	2199.3	2212.7	2226.1	2241.4	2256.8	2273.7
5°	2016.4	2028.0	2044.7	2061.3	2083.0	2104.6	2128.4	2152.2	2179.1	2206.1	2238.4
7.5°	1940.4	1954.3	1974.0	1993.8	2020.2	2046.7	2076.7	2106.6	2142.2	2177.7	2220.4
10°	1918.6	1934.0	1957.8	1981.4	2011.2	2040.9	2073.2	2105.5	2141.0	2176.6	2221.7
12.5°	1957.9	1977.8	2008.0	2038.2	2069.0	2099.8	2125.0	2150.4	2173.9	2197.5	2234.3
15°	2040.5	2070.8	2113.8	2156.8	2183.6	2210.3	2216.9	2223.5	2220.3	2217.1	2234.7
17.5°	2124.3	2169.1	2226.0	2283.0	2304.5	2326.1	2305.5	2284.9	2246.2	2207.5	2201.1
20°	2176.6	2231.5	2296.5	2361.6	2371.6	2381.6	2338.5	2295.4	2228.1	2160.8	2130.6
22.5°	2179.8	2236.3	2298.5	2360.7	2354.8	2348.7	2292.7	2236.6	2159.7	2082.9	2038.2
25°	2130.4	2180.6	2231.5	2282.5	2262.0	2241.4	2186.2	2131.1	2062.0	1992.9	1941.4
27.5°	2035.0	2074.0	2110.3	2146.6	2123.6	2100.7	2056.5	2012.2	1955.5	1898.8	1849.0
30°	1920.4	1948.3	1976.0	2003.6	1984.9	1966.3	1929.5	1892.8	1845.7	1798.7	1759.0
32.5°	1810.5	1832.8	1858.3	1883.7	1862.9	1842.2	1806.9	1771.8	1734.1	1696.5	1673.1
35°	1716.8	1737.4	1755.4	1773.5	1748.7	1723.8	1688.9	1654.0	1625.4	1596.8	1590.3
37.5°	1637.1	1656.0	1664.4	1672.7	1642.0	1611.2	1576.4	1541.7	1521.2	1500.5	1507.7
40°	1562.5	1578.5	1576.6	1574.5	1539.1	1503.7	1470.2	1436.6	1421.8	1406.9	1423.0
42.5°	1487.2	1500.8	1490.6	1480.4	1442.2	1404.0	1372.1	1340.3	1328.1	1316.0	1337.4
45°	1414.4	1426.6	1412.0	1397.3	1357.7	1318.1	1287.9	1257.7	1247.4	1237.2	1257.9
47.5°	1354.2	1362.7	1345.8	1328.9	1289.8	1250.8	1221.3	1191.7	1182.2	1172.6	1190.0
50°	1312.2	1312.8	1291.1	1269.4	1234.4	1199.4	1171.6	1143.7	1128.7	1113.8	1129.1
52.5°	1284.5	1279.9	1254.2	1228.5	1195.9	1163.3	1137.8	1112.2	1089.8	1067.3	1082.5
55°	1261.4	1255.0	1227.7	1200.6	1172.0	1143.4	1115.9	1088.4	1056.6	1024.7	1048.7
57.5°	1238.8	1232.3	1204.9	1177.5	1149.1	1120.9	1088.5	1056.2	1021.9	987.6	1022.8
60°	1206.8	1199.7	1172.1	1144.6	1115.8	1087.1	1050.0	1012.9	982.8	952.7	998.4
62.5°	1157.0	1150.2	1125.0	1099.7	1069.1	1038.4	995.1	951.8	932.7	913.6	970.6
65°	1089.4	1082.4	1060.2	1038.0	1008.7	979.4	932.9	886.5	879.3	871.9	932.6
67.5°	1012.6	1005.8	986.6	967.4	939.7	911.9	869.0	826.1	828.4	830.8	881.2
70°	930.4	923.9	906.5	889.2	865.2	841.2	803.6	765.9	773.9	781.9	817.8
72.5°	838.6	830.8	813.8	796.8	775.1	753.5	723.9	694.2	705.9	717.6	742.2
75°	730.2	722.0	706.6	691.1	671.5	651.8	629.8	607.8	619.1	630.3	649.3
77.5°	625.9	618.3	602.1	585.8	569.0	552.1	534.2	516.3	527.7	539.0	554.2
80°	505.1	495.0	482.7	470.4	456.2	441.9	427.1	412.2	421.8	431.3	444.1
82.5°	367.4	350.2	323.9	297.6	302.6	307.5	308.8	310.0	316.8	323.5	329.7
85°	223.0	201.6	177.0	152.3	166.1	179.9	186.4	192.8	200.3	207.9	214.5
87.5°	97.3	88.7	78.3	68.0	78.5	89.0	89.3	89.5	91.0	92.4	95.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2290.8	2311.8	2330.8	2350.3	2369.9	2390.3	2410.7	2431.0	2451.3	2470.4	2489.5
5°	2270.5	2307.4	2344.7	2384.2	2423.8	2466.1	2508.4	2550.5	2592.6	2634.8	2676.9
7.5°	2263.3	2311.0	2361.9	2417.0	2472.2	2534.8	2597.4	2661.8	2726.1	2795.6	2865.3
10°	2266.8	2318.1	2380.9	2446.3	2511.5	2587.6	2663.6	2748.5	2833.6	2921.6	3009.6
12.5°	2271.3	2319.0	2385.0	2458.8	2532.6	2622.3	2712.0	2808.3	2904.6	3001.3	3098.0
15°	2252.3	2290.5	2363.6	2449.1	2534.5	2637.9	2741.2	2845.6	2950.1	3050.9	3151.8
17.5°	2194.6	2218.1	2304.1	2406.9	2509.7	2629.6	2749.5	2863.5	2977.5	3079.7	3182.0
20°	2100.4	2106.6	2206.8	2334.1	2461.5	2606.9	2752.2	2877.4	3002.7	3109.0	3215.3
22.5°	1993.6	1981.4	2095.4	2248.8	2402.2	2579.0	2755.7	2896.3	3036.7	3145.4	3253.9
25°	1889.9	1857.0	1973.8	2153.5	2333.2	2551.4	2769.8	2930.4	3090.9	3197.2	3303.7
27.5°	1799.3	1759.3	1865.6	2066.3	2267.0	2533.0	2799.1	2983.7	3168.2	3269.7	3371.2
30°	1719.6	1688.2	1777.5	1993.5	2209.4	2524.4	2839.2	3052.7	3266.2	3364.2	3462.2
32.5°	1649.8	1635.8	1707.8	1930.7	2153.5	2513.8	2873.9	3124.7	3375.6	3472.6	3569.7
35°	1583.9	1589.6	1649.6	1868.9	2088.3	2493.7	2899.3	3206.8	3514.4	3607.4	3700.3
37.5°	1514.8	1535.9	1588.3	1796.3	2004.2	2459.3	2914.4	3298.8	3683.1	3801.6	3920.1
40°	1439.1	1471.5	1519.0	1709.6	1900.1	2412.0	2923.9	3415.5	3907.0	4079.7	4252.4
42.5°	1358.7	1399.5	1443.3	1613.9	1784.5	2363.1	2941.9	3568.2	4194.5	4443.7	4693.0
45°	1278.7	1318.3	1362.7	1512.3	1661.9	2317.7	2973.6	3769.1	4564.6	4900.9	5237.1
47.5°	1207.4	1241.4	1298.7	1431.9	1565.0	2280.2	2995.4	3983.2	4971.0	5444.3	5917.5
50°	1144.6	1184.1	1259.5	1378.5	1497.5	2239.4	2981.2	4181.8	5382.5	6096.0	6809.4
52.5°	1097.8	1153.0	1239.6	1343.3	1447.1	2170.3	2893.7	4310.8	5727.9	6780.5	7833.2
55°	1072.9	1156.1	1236.7	1317.8	1398.9	2055.9	2712.9	4282.4	5851.8	7387.4	8923.2
57.5°	1058.0	1159.3	1230.3	1287.6	1344.9	1894.6	2444.2	4082.4	5720.6	7817.6	9914.5
60°	1044.0	1149.5	1196.4	1241.4	1286.5	1685.1	2083.8	3710.1	5336.3	7925.0	10513.7
62.5°	1027.6	1125.5	1131.3	1161.1	1191.1	1434.5	1677.9	3206.7	4735.4	7472.4	10209.4
65°	993.1	1067.8	1067.0	1081.2	1095.3	1208.9	1322.5	2693.0	4063.6	6832.1	9600.5
67.5°	931.7	973.6	975.6	967.7	959.8	992.2	1024.4	2189.9	3355.4	6070.0	8784.6
70°	853.7	867.4	867.4	830.9	794.3	785.2	775.9	1724.2	2672.5	5238.4	7804.3
72.5°	766.8	766.6	757.9	706.1	654.2	626.4	598.5	1318.2	2037.8	4336.9	6636.2
75°	668.2	671.6	631.4	573.3	515.2	490.0	464.8	956.7	1448.7	3303.6	5158.5
77.5°	569.4	571.2	505.0	448.6	392.2	375.0	357.8	648.3	938.8	2312.2	3685.6
80°	456.8	457.0	378.0	330.3	282.5	275.4	268.3	417.7	567.2	1489.7	2412.2
82.5°	336.0	332.2	264.7	229.5	194.4	192.9	191.7	256.9	322.3	862.2	1402.2
85°	221.2	216.3	166.1	140.4	114.6	115.3	115.9	137.3	158.8	387.8	616.9
87.5°	97.7	91.5	70.6	60.1	49.6	50.2	50.8	56.9	63.1	127.0	191.0
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):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2498.9	2508.4	2521.8	2535.3	2543.3	2551.3	2555.2	2559.2	2557.5	2559.2	2555.2
5°	2709.9	2742.9	2775.6	2808.4	2826.2	2844.0	2854.7	2865.5	2873.7	2865.5	2854.7
7.5°	2918.9	2972.5	3020.7	3069.0	3098.0	3127.1	3142.8	3158.4	3166.0	3158.4	3142.8
10°	3073.0	3136.5	3193.1	3249.6	3283.9	3318.0	3333.3	3348.5	3354.3	3348.5	3333.3
12.5°	3166.8	3235.4	3286.6	3337.6	3362.5	3387.3	3395.7	3404.0	3404.9	3404.0	3395.7
15°	3211.1	3270.3	3302.4	3334.6	3335.5	3336.3	3327.5	3318.6	3308.1	3318.6	3327.5
17.5°	3222.0	3262.1	3262.7	3263.2	3227.3	3191.3	3158.3	3125.3	3102.0	3125.3	3158.3
20°	3229.2	3243.3	3201.1	3158.9	3079.4	3000.0	2942.2	2884.4	2848.8	2884.4	2942.2
22.5°	3235.6	3217.3	3129.9	3042.5	2925.7	2808.9	2736.6	2664.2	2625.0	2664.2	2736.6
25°	3245.9	3188.2	3055.5	2922.7	2780.9	2639.0	2563.0	2487.1	2450.0	2487.1	2563.0
27.5°	3267.9	3164.6	2988.8	2813.1	2655.9	2498.7	2423.9	2349.2	2314.1	2349.2	2423.9
30°	3308.3	3154.4	2938.0	2721.6	2557.8	2394.0	2324.6	2255.3	2222.6	2255.3	2324.6
32.5°	3358.9	3148.2	2903.4	2658.6	2504.6	2350.7	2296.2	2241.7	2218.1	2241.7	2296.2
35°	3442.3	3184.4	2929.3	2674.3	2567.3	2460.5	2447.8	2435.1	2433.1	2435.1	2447.8
37.5°	3616.7	3313.2	3081.4	2849.5	2842.6	2835.7	2893.8	2951.9	2982.1	2951.9	2893.8
40°	3922.4	3592.4	3419.9	3247.5	3369.2	3490.9	3632.2	3773.4	3843.8	3773.4	3632.2
42.5°	4365.6	4038.1	3938.8	3839.5	4104.9	4370.3	4627.3	4884.2	5035.0	4884.2	4627.3
45°	4943.0	4648.7	4605.0	4561.1	4986.3	5411.6	5833.8	6256.0	6512.3	6256.0	5833.8
47.5°	5631.4	5345.2	5336.3	5327.4	5940.9	6554.2	7172.2	7790.1	8153.0	7790.1	7172.2
50°	6455.9	6102.6	6104.1	6105.6	6896.2	7686.8	8502.5	9318.3	9811.5	9318.3	8502.5
52.5°	7405.2	6977.3	6934.0	6890.7	7835.1	8779.4	9788.7	10798.0	11389.1	10798.0	9788.7
55°	8500.3	8077.5	7908.8	7740.1	8791.2	9842.1	11045.3	12248.6	12951.7	12248.6	11045.3
57.5°	9684.3	9453.9	9115.6	8777.3	9838.6	10899.8	12262.7	13625.5	14497.4	13625.5	12262.7
60°	10871.3	11229.1	10808.9	10388.7	11393.0	12397.4	13856.5	15315.7	16258.0	15315.7	13856.5
62.5°	11186.7	12163.9	12116.6	12069.1	12989.2	13909.3	15297.6	16685.7	17556.7	16685.7	15297.6
65°	10517.7	11434.9	11616.4	11797.8	12967.0	14136.3	15482.4	16828.5	17570.0	16828.5	15482.4
67.5°	9656.9	10529.2	10614.3	10699.3	11917.6	13135.7	14487.7	15839.6	16420.6	15839.6	14487.7
70°	8753.1	9702.0	9740.1	9778.2	10867.6	11956.9	13120.4	14283.7	14606.6	14283.7	13120.4
72.5°	7725.0	8813.9	8841.3	8868.5	9720.9	10573.2	11444.6	12315.8	12348.5	12315.8	11444.6
75°	6285.4	7412.3	7513.5	7614.7	8277.8	8940.9	9554.3	10167.7	10003.4	10167.7	9554.3
77.5°	4737.6	5789.6	5934.4	6079.2	6583.3	7087.4	7522.5	7957.6	7675.1	7957.6	7522.5
80°	3297.3	4182.2	4362.2	4542.1	4922.9	5303.4	5531.9	5760.3	5305.9	5760.3	5531.9
82.5°	2007.2	2612.4	2813.4	3014.5	3276.6	3538.6	3633.9	3729.2	3372.1	3729.2	3633.9
85°	938.1	1259.2	1430.2	1601.2	1816.5	2031.8	2085.9	2140.0	1853.9	2140.0	2085.9
87.5°	298.9	406.8	502.3	597.7	705.3	813.0	817.6	822.1	690.2	822.1	817.6
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):**

	330°	335°	340°	345°	350°	355°	360°
0°	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0	2315.0
2.5°	2551.3	2543.3	2535.3	2521.8	2508.4	2498.9	2489.5
5°	2844.0	2826.2	2808.4	2775.6	2742.9	2709.9	2676.9
7.5°	3127.1	3098.0	3069.0	3020.7	2972.5	2918.9	2865.3
10°	3318.0	3283.9	3249.6	3193.1	3136.5	3073.0	3009.6
12.5°	3387.3	3362.5	3337.6	3286.6	3235.4	3166.8	3098.0
15°	3336.3	3335.5	3334.6	3302.4	3270.3	3211.1	3151.8
17.5°	3191.3	3227.3	3263.2	3262.7	3262.1	3222.0	3182.0
20°	3000.0	3079.4	3158.9	3201.1	3243.3	3229.2	3215.3
22.5°	2808.9	2925.7	3042.5	3129.9	3217.3	3235.6	3253.9
25°	2639.0	2780.9	2922.7	3055.5	3188.2	3245.9	3303.7
27.5°	2498.7	2655.9	2813.1	2988.8	3164.6	3267.9	3371.2
30°	2394.0	2557.8	2721.6	2938.0	3154.4	3308.3	3462.2
32.5°	2350.7	2504.6	2658.6	2903.4	3148.2	3358.9	3569.7
35°	2460.5	2567.3	2674.3	2929.3	3184.4	3442.3	3700.3
37.5°	2835.7	2842.6	2849.5	3081.4	3313.2	3616.7	3920.1
40°	3490.9	3369.2	3247.5	3419.9	3592.4	3922.4	4252.4
42.5°	4370.3	4104.9	3839.5	3938.8	4038.1	4365.6	4693.0
45°	5411.6	4986.3	4561.1	4605.0	4648.7	4943.0	5237.1
47.5°	6554.2	5940.9	5327.4	5336.3	5345.2	5631.4	5917.5
50°	7686.8	6896.2	6105.6	6104.1	6102.6	6455.9	6809.4
52.5°	8779.4	7835.1	6890.7	6934.0	6977.3	7405.2	7833.2
55°	9842.1	8791.2	7740.1	7908.8	8077.5	8500.3	8923.2
57.5°	10899.8	9838.6	8777.3	9115.6	9453.9	9684.3	9914.5
60°	12397.4	11393.0	10388.7	10808.9	11229.1	10871.3	10513.7
62.5°	13909.3	12989.2	12069.1	12116.6	12163.9	11186.7	10209.4
65°	14136.3	12967.0	11797.8	11616.4	11434.9	10517.7	9600.5
67.5°	13135.7	11917.6	10699.3	10614.3	10529.2	9656.9	8784.6
70°	11956.9	10867.6	9778.2	9740.1	9702.0	8753.1	7804.3
72.5°	10573.2	9720.9	8868.5	8841.3	8813.9	7725.0	6636.2
75°	8940.9	8277.8	7614.7	7513.5	7412.3	6285.4	5158.5
77.5°	7087.4	6583.3	6079.2	5934.4	5789.6	4737.6	3685.6
80°	5303.4	4922.9	4542.1	4362.2	4182.2	3297.3	2412.2
82.5°	3538.6	3276.6	3014.5	2813.4	2612.4	2007.2	1402.2
85°	2031.8	1816.5	1601.2	1430.2	1259.2	938.1	616.9
87.5°	813.0	705.3	597.7	502.3	406.8	298.9	191.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)