

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: P948202

Luminaire Tested: **GALN-SB3B-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948202
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-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14639 lumens
Efficiency: N/A
Efficacy: 134.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

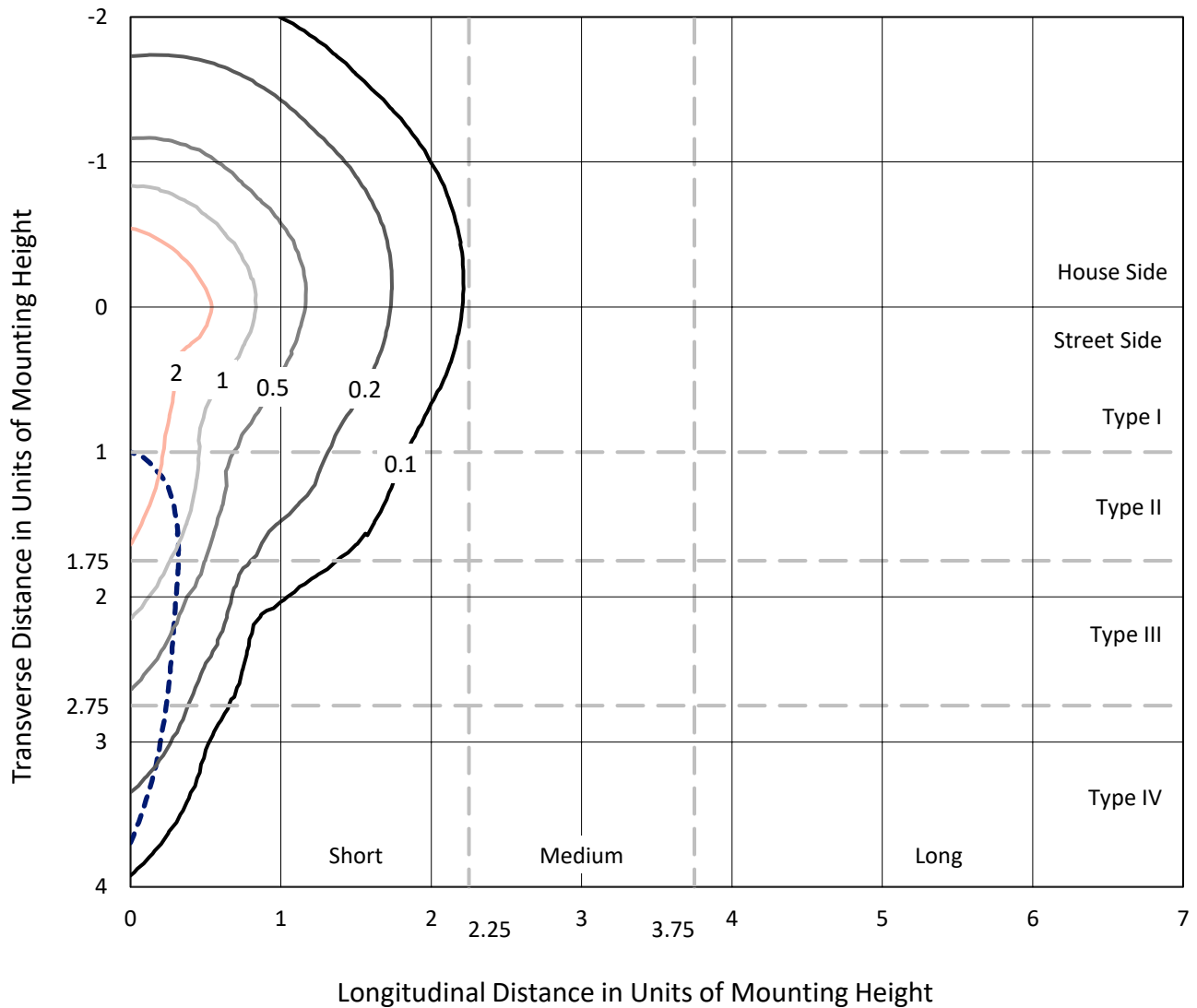
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

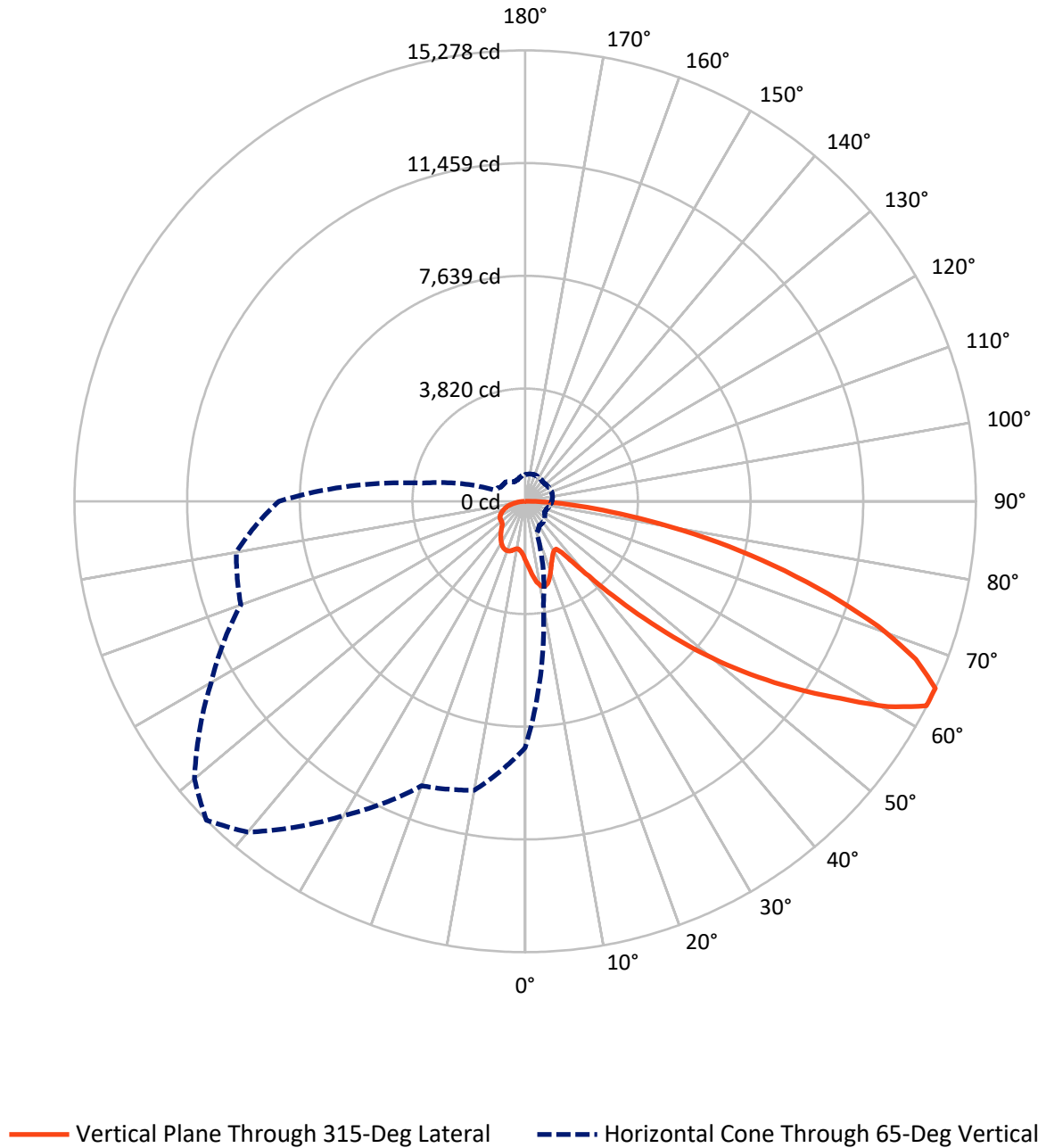
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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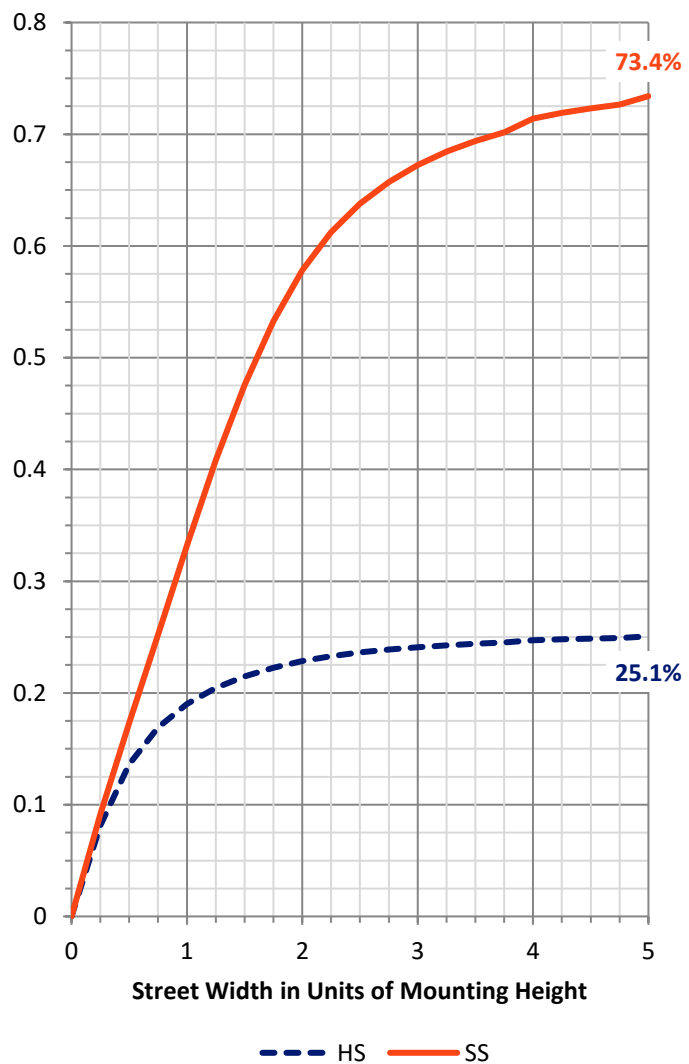
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3720.5	0.0	3720.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	10918.5	0.0	10918.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	14639.0	0.0	14639.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.7	1.4
10°-20°	626.9	4.3
20°-30°	968.3	6.6
30°-40°	1227.1	8.4
40°-50°	1850.7	12.6
50°-60°	2990.1	20.4
60°-70°	3727.6	25.5
70°-80°	2444.4	16.7
80°-90°	604.3	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°	14639.0	100.0
0°-180°	14639.0	100.0

Coefficient of Utilization



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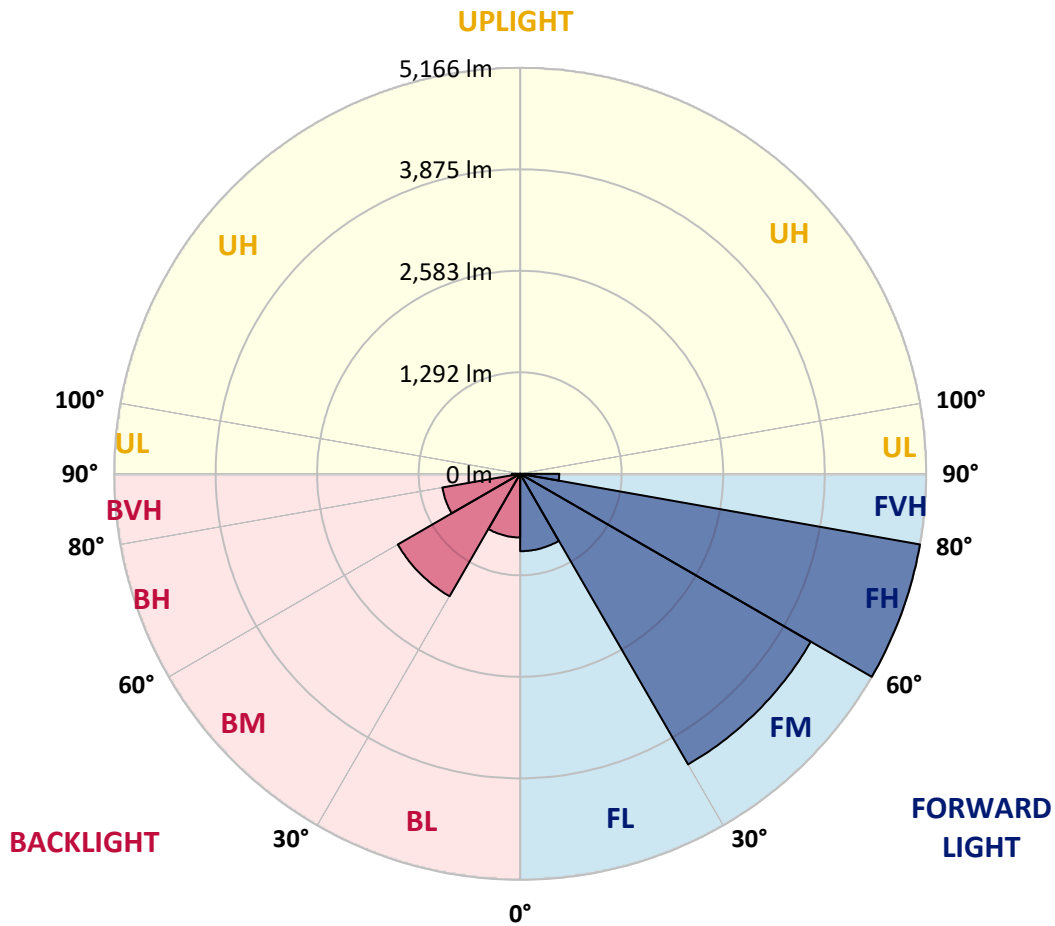
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	984.6	6.7			
FM (30°-60°)	4269.9	29.2			
FH (60°-80°)	5166.2	35.3			G3/7500
FVH (80°-90°)	497.8	3.4			G3/500
BL (0°-30°)	810.2	5.5	B2/1000		
BM (30°-60°)	1798.0	12.3	B2/2500		
BH (60°-80°)	1005.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	106.5	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
2.5°	2164.8	2148.2	2131.6	2113.9	2096.3	2078.5	2060.7	2043.7	2026.7	2010.3
5°	2327.8	2291.1	2254.4	2217.8	2181.2	2144.4	2107.6	2073.2	2038.9	2006.4
7.5°	2491.5	2431.0	2370.5	2314.6	2258.6	2204.2	2149.7	2101.7	2053.8	2009.5
10°	2617.0	2540.5	2463.9	2390.0	2316.2	2250.1	2183.9	2127.2	2070.3	2015.7
12.5°	2693.9	2609.8	2525.7	2442.0	2358.3	2280.3	2202.2	2138.0	2073.9	2016.5
15°	2740.6	2653.0	2565.3	2474.4	2383.6	2293.8	2203.9	2129.6	2055.3	1991.7
17.5°	2766.9	2678.0	2589.1	2490.0	2390.9	2286.6	2182.3	2092.9	2003.6	1928.8
20°	2795.9	2703.5	2611.0	2502.1	2393.2	2266.8	2140.4	2029.7	1918.9	1831.9
22.5°	2829.5	2735.1	2640.6	2518.5	2396.3	2242.6	2088.8	1955.4	1822.0	1722.9
25°	2872.7	2780.2	2687.7	2548.1	2408.5	2218.6	2028.8	1872.6	1716.4	1614.8
27.5°	2931.4	2843.2	2754.9	2594.5	2434.0	2202.6	1971.3	1796.8	1622.3	1529.8
30°	3010.6	2925.3	2840.1	2654.5	2468.9	2195.1	1921.2	1733.4	1545.7	1468.0
32.5°	3104.1	3019.6	2935.3	2717.1	2499.0	2185.9	1872.6	1678.8	1485.0	1422.5
35°	3217.6	3136.8	3055.9	2788.5	2521.1	2168.4	1815.9	1625.1	1434.4	1382.3
37.5°	3408.8	3305.8	3202.7	2868.5	2534.2	2138.5	1742.8	1562.0	1381.1	1335.6
40°	3697.7	3547.5	3397.4	2970.0	2542.5	2097.3	1652.3	1486.6	1320.9	1279.6
42.5°	4080.8	3864.1	3647.3	3102.8	2558.2	2054.9	1551.7	1403.4	1255.1	1217.0
45°	4553.9	4261.6	3969.2	3277.5	2585.8	2015.4	1445.1	1315.0	1184.9	1146.3
47.5°	5145.6	4734.2	4322.6	3463.6	2604.7	1982.8	1360.9	1245.1	1129.3	1079.5
50°	5921.2	5300.8	4680.4	3636.4	2592.3	1947.3	1302.2	1198.7	1095.2	1029.7
52.5°	6811.4	5896.1	4980.7	3748.5	2516.2	1887.2	1258.3	1168.1	1077.9	1002.6
55°	7759.2	6423.8	5088.5	3723.8	2359.0	1787.7	1216.4	1145.9	1075.4	1005.3
57.5°	8621.2	6797.8	4974.4	3549.8	2125.4	1647.5	1169.5	1119.7	1069.8	1008.0
60°	9142.3	6891.3	4640.2	3226.1	1812.0	1465.3	1118.7	1079.5	1040.3	999.5
62.5°	8877.7	6497.7	4117.7	2788.4	1459.0	1247.3	1035.7	1009.7	983.7	978.7
65°	8348.2	5940.9	3533.5	2341.7	1150.0	1051.2	952.4	940.1	927.9	928.5
67.5°	7638.7	5278.2	2917.7	1904.2	890.8	862.7	834.6	841.5	848.3	846.6
70°	6786.3	4555.1	2323.9	1499.3	674.7	682.8	690.7	722.5	754.3	754.3
72.5°	5770.5	3771.2	1772.0	1146.2	520.5	544.7	568.9	614.0	659.0	666.6
75°	4485.6	2872.6	1259.7	831.9	404.1	426.1	448.0	498.5	549.1	584.0
77.5°	3204.9	2010.6	816.3	563.7	311.1	326.0	341.0	390.1	439.1	496.7
80°	2097.6	1295.4	493.2	363.2	233.3	239.5	245.6	287.2	328.7	397.4
82.5°	1219.3	749.7	280.2	223.4	166.7	167.8	169.0	199.6	230.2	288.9
85°	536.5	337.2	138.1	119.4	100.8	100.3	99.6	122.0	144.4	188.1
87.5°	166.1	110.5	54.8	49.5	44.2	43.6	43.1	52.2	61.4	79.6
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°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
1992.0	2.5°	1977.1	1962.4	1949.0	1935.7	1924.1	1912.4	1900.7	1889.0	1880.0	1870.9
1974.4	5°	1946.4	1918.4	1894.9	1871.5	1850.8	1830.1	1811.3	1792.5	1778.0	1763.5
1968.0	7.5°	1930.8	1893.6	1862.7	1831.9	1805.8	1779.7	1756.7	1733.8	1716.5	1699.4
1971.1	10°	1931.9	1892.6	1861.7	1830.8	1802.8	1774.7	1748.8	1722.9	1702.4	1681.8
1975.0	12.5°	1942.9	1910.9	1890.3	1869.9	1847.8	1825.9	1799.1	1772.4	1746.1	1719.8
1958.5	15°	1943.2	1927.9	1930.6	1933.4	1927.7	1922.0	1898.7	1875.5	1838.1	1800.7
1908.3	17.5°	1914.0	1919.5	1953.2	1986.9	2004.8	2022.6	2003.9	1985.2	1935.7	1886.2
1826.4	20°	1852.7	1879.0	1937.4	1996.0	2033.5	2070.9	2062.3	2053.5	1996.9	1940.4
1733.5	22.5°	1772.4	1811.2	1878.0	1944.9	1993.6	2042.3	2047.6	2052.8	1998.7	1944.6
1643.4	25°	1688.2	1733.0	1793.0	1853.1	1901.1	1949.0	1967.0	1984.8	1940.5	1896.2
1564.6	27.5°	1607.8	1651.1	1700.5	1749.7	1788.2	1826.7	1846.6	1866.6	1835.0	1803.5
1495.3	30°	1529.6	1564.0	1605.0	1645.9	1677.8	1709.8	1726.0	1742.2	1718.2	1694.1
1434.6	32.5°	1454.9	1475.2	1507.9	1540.6	1571.2	1601.9	1619.9	1638.0	1615.9	1593.7
1377.3	35°	1382.8	1388.5	1413.4	1438.3	1468.6	1498.9	1520.6	1542.2	1526.4	1510.7
1317.2	37.5°	1311.0	1304.8	1322.7	1340.6	1370.8	1401.1	1427.8	1454.5	1447.3	1440.0
1251.4	40°	1237.4	1223.4	1236.3	1249.2	1278.4	1307.6	1338.3	1369.2	1370.9	1372.6
1181.5	42.5°	1162.9	1144.4	1154.9	1165.5	1193.1	1220.8	1254.1	1287.3	1296.2	1305.0
1111.9	45°	1093.9	1075.9	1084.7	1093.6	1119.9	1146.2	1180.6	1215.1	1227.8	1240.5
1049.9	47.5°	1034.8	1019.6	1028.0	1036.2	1062.0	1087.6	1121.6	1155.6	1170.3	1184.9
995.3	50°	981.9	968.5	981.5	994.5	1018.8	1043.0	1073.4	1103.8	1122.7	1141.5
954.6	52.5°	941.3	928.1	947.6	967.1	989.3	1011.5	1039.9	1068.3	1090.6	1112.9
933.0	55°	911.9	891.0	918.7	946.4	970.3	994.3	1019.2	1044.0	1067.6	1091.3
920.0	57.5°	889.4	858.8	888.6	918.4	946.6	974.7	999.2	1023.9	1047.7	1071.5
907.8	60°	868.1	828.4	854.6	880.7	913.0	945.3	970.3	995.3	1019.2	1043.2
893.6	62.5°	844.0	794.5	811.1	827.7	865.3	903.0	929.6	956.3	978.2	1000.2
863.6	65°	810.9	758.2	764.6	770.9	811.2	851.6	877.1	902.6	921.9	941.2
810.1	67.5°	766.3	722.4	720.4	718.4	755.6	792.9	817.1	841.2	857.9	874.6
742.3	70°	711.1	679.9	673.0	666.0	698.8	731.5	752.4	773.2	788.3	803.3
666.8	72.5°	645.4	624.0	613.8	603.7	629.5	655.2	674.0	692.9	707.6	722.4
581.0	75°	564.6	548.0	538.3	528.5	547.7	566.8	583.9	601.0	614.4	627.8
495.1	77.5°	481.9	468.7	458.8	448.9	464.5	480.1	494.8	509.4	523.6	537.6
397.2	80°	386.1	375.0	366.8	358.4	371.4	384.3	396.6	409.0	419.7	430.4
292.1	82.5°	286.7	281.3	275.5	269.6	268.5	267.4	263.1	258.8	281.6	304.5
192.3	85°	186.5	180.8	174.2	167.6	162.1	156.4	144.4	132.5	153.9	175.3
85.0	87.5°	82.7	80.3	79.1	77.9	77.6	77.4	68.3	59.1	68.1	77.1
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°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
1863.5	2.5°	1856.2	1850.5	1844.8	1839.5	1834.2	1827.6	1834.2	1839.5	1844.8	1850.5
1753.4	5°	1743.3	1736.1	1728.9	1723.4	1717.9	1712.5	1717.9	1723.4	1728.9	1736.1
1687.3	7.5°	1675.3	1667.0	1658.8	1653.9	1649.0	1645.3	1649.0	1653.9	1658.8	1667.0
1668.3	10°	1654.7	1646.9	1639.1	1635.0	1630.8	1629.1	1630.8	1635.0	1639.1	1646.9
1702.5	12.5°	1685.1	1676.4	1667.7	1664.2	1660.6	1660.0	1660.6	1664.2	1667.7	1676.4
1774.3	15°	1747.9	1735.8	1723.7	1719.1	1714.4	1714.1	1714.4	1719.1	1723.7	1735.8
1847.2	17.5°	1808.3	1790.4	1772.4	1766.5	1760.6	1759.6	1760.6	1766.5	1772.4	1790.4
1892.6	20°	1845.0	1822.0	1799.0	1791.7	1784.3	1782.0	1784.3	1791.7	1799.0	1822.0
1895.5	22.5°	1846.3	1822.1	1797.9	1789.8	1781.6	1778.2	1781.6	1789.8	1797.9	1822.1
1852.5	25°	1808.9	1787.9	1767.0	1759.3	1751.7	1747.3	1751.7	1759.3	1767.0	1787.9
1769.6	27.5°	1735.7	1721.6	1707.5	1704.0	1700.5	1699.4	1700.5	1704.0	1707.5	1721.6
1669.9	30°	1645.5	1638.3	1631.0	1631.0	1631.0	1632.2	1631.0	1631.0	1631.0	1638.3
1574.3	32.5°	1554.9	1550.2	1545.5	1546.1	1546.8	1548.0	1546.8	1546.1	1545.5	1550.2
1492.8	35°	1475.0	1467.8	1460.7	1459.1	1457.6	1456.8	1457.6	1459.1	1460.7	1467.8
1423.5	37.5°	1407.0	1394.0	1381.0	1374.1	1367.2	1363.4	1367.2	1374.1	1381.0	1394.0
1358.7	40°	1344.7	1325.7	1306.8	1294.0	1281.3	1273.8	1281.3	1294.0	1306.8	1325.7
1293.2	42.5°	1281.5	1257.9	1234.4	1215.7	1197.1	1184.9	1197.1	1215.7	1234.4	1257.9
1229.9	45°	1219.3	1192.3	1165.5	1143.6	1121.7	1107.7	1121.7	1143.6	1165.5	1192.3
1177.5	47.5°	1170.1	1146.2	1122.2	1102.0	1081.8	1068.3	1081.8	1102.0	1122.2	1146.2
1141.1	50°	1140.7	1121.6	1102.4	1083.7	1065.0	1052.1	1065.0	1083.7	1102.4	1121.6
1117.0	52.5°	1121.0	1105.4	1089.8	1073.0	1056.3	1044.3	1056.3	1073.0	1089.8	1105.4
1096.9	55°	1102.4	1088.8	1075.2	1060.6	1045.9	1035.1	1045.9	1060.6	1075.2	1088.8
1077.2	57.5°	1082.8	1069.1	1055.3	1040.8	1026.2	1015.0	1026.2	1040.8	1055.3	1069.1
1049.4	60°	1055.5	1042.1	1028.7	1013.8	998.8	987.2	998.8	1013.8	1028.7	1042.1
1006.1	62.5°	1012.1	999.9	987.8	972.0	956.3	942.4	956.3	972.0	987.8	999.9
947.3	65°	953.4	941.7	930.0	914.7	899.5	887.5	899.5	914.7	930.0	941.7
880.5	67.5°	886.4	875.6	865.0	850.8	836.6	825.7	836.6	850.8	865.0	875.6
809.1	70°	814.8	806.0	797.3	783.7	770.1	757.8	770.1	783.7	797.3	806.0
729.2	72.5°	736.0	728.7	721.5	708.5	695.6	683.6	695.6	708.5	721.5	728.7
634.9	75°	642.1	638.5	634.9	624.1	613.2	601.7	613.2	624.1	634.9	638.5
544.3	77.5°	550.9	546.0	540.9	529.9	518.9	509.8	518.9	529.9	540.9	546.0
439.2	80°	448.0	445.9	443.8	429.0	414.2	397.0	414.2	429.0	443.8	445.9
319.5	82.5°	334.5	333.5	332.5	320.1	307.6	296.6	307.6	320.1	332.5	333.5
193.9	85°	212.4	210.9	209.3	199.6	189.9	180.0	189.9	199.6	209.3	210.9
84.6	87.5°	92.1	90.2	88.2	83.3	78.2	73.4	78.2	83.3	88.2	90.2
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
1856.2	2.5°	1863.5	1870.9	1880.0	1889.0	1900.7	1912.4	1924.1	1935.7	1949.0	1962.4
1743.3	5°	1753.4	1763.5	1778.0	1792.5	1811.3	1830.1	1850.8	1871.5	1894.9	1918.4
1675.3	7.5°	1687.3	1699.4	1716.5	1733.8	1756.7	1779.7	1805.8	1831.9	1862.7	1893.6
1654.7	10°	1668.3	1681.8	1702.4	1722.9	1748.8	1774.7	1802.8	1830.8	1861.7	1892.6
1685.1	12.5°	1702.5	1719.8	1746.1	1772.4	1799.1	1825.9	1847.8	1869.9	1890.3	1910.9
1747.9	15°	1774.3	1800.7	1838.1	1875.5	1898.7	1922.0	1927.7	1933.4	1930.6	1927.9
1808.3	17.5°	1847.2	1886.2	1935.7	1985.2	2003.9	2022.6	2004.8	1986.9	1953.2	1919.5
1845.0	20°	1892.6	1940.4	1996.9	2053.5	2062.3	2070.9	2033.5	1996.0	1937.4	1879.0
1846.3	22.5°	1895.5	1944.6	1998.7	2052.8	2047.6	2042.3	1993.6	1944.9	1878.0	1811.2
1808.9	25°	1852.5	1896.2	1940.5	1984.8	1967.0	1949.0	1901.1	1853.1	1793.0	1733.0
1735.7	27.5°	1769.6	1803.5	1835.0	1866.6	1846.6	1826.7	1788.2	1749.7	1700.5	1651.1
1645.5	30°	1669.9	1694.1	1718.2	1742.2	1726.0	1709.8	1677.8	1645.9	1605.0	1564.0
1554.9	32.5°	1574.3	1593.7	1615.9	1638.0	1619.9	1601.9	1571.2	1540.6	1507.9	1475.2
1475.0	35°	1492.8	1510.7	1526.4	1542.2	1520.6	1498.9	1468.6	1438.3	1413.4	1388.5
1407.0	37.5°	1423.5	1440.0	1447.3	1454.5	1427.8	1401.1	1370.8	1340.6	1322.7	1304.8
1344.7	40°	1358.7	1372.6	1370.9	1369.2	1338.3	1307.6	1278.4	1249.2	1236.3	1223.4
1281.5	42.5°	1293.2	1305.0	1296.2	1287.3	1254.1	1220.8	1193.1	1165.5	1154.9	1144.4
1219.3	45°	1229.9	1240.5	1227.8	1215.1	1180.6	1146.2	1119.9	1093.6	1084.7	1075.9
1170.1	47.5°	1177.5	1184.9	1170.3	1155.6	1121.6	1087.6	1062.0	1036.2	1028.0	1019.6
1140.7	50°	1141.1	1141.5	1122.7	1103.8	1073.4	1043.0	1018.8	994.5	981.5	968.5
1121.0	52.5°	1117.0	1112.9	1090.6	1068.3	1039.9	1011.5	989.3	967.1	947.6	928.1
1102.4	55°	1096.9	1091.3	1067.6	1044.0	1019.2	994.3	970.3	946.4	918.7	891.0
1082.8	57.5°	1077.2	1071.5	1047.7	1023.9	999.2	974.7	946.6	918.4	888.6	858.8
1055.5	60°	1049.4	1043.2	1019.2	995.3	970.3	945.3	913.0	880.7	854.6	828.4
1012.1	62.5°	1006.1	1000.2	978.2	956.3	929.6	903.0	865.3	827.7	811.1	794.5
953.4	65°	947.3	941.2	921.9	902.6	877.1	851.6	811.2	770.9	764.6	758.2
886.4	67.5°	880.5	874.6	857.9	841.2	817.1	792.9	755.6	718.4	720.4	722.4
814.8	70°	809.1	803.3	788.3	773.2	752.4	731.5	698.8	666.0	673.0	679.9
736.0	72.5°	729.2	722.4	707.6	692.9	674.0	655.2	629.5	603.7	613.8	624.0
642.1	75°	634.9	627.8	614.4	601.0	583.9	566.8	547.7	528.5	538.3	548.0
550.9	77.5°	544.3	537.6	523.6	509.4	494.8	480.1	464.5	448.9	458.8	468.7
448.0	80°	439.2	430.4	419.7	409.0	396.6	384.3	371.4	358.4	366.8	375.0
334.5	82.5°	319.5	304.5	281.6	258.8	263.1	267.4	268.5	269.6	275.5	281.3
212.4	85°	193.9	175.3	153.9	132.5	144.4	156.4	162.1	167.6	174.2	180.8
92.1	87.5°	84.6	77.1	68.1	59.1	68.3	77.4	77.6	77.9	79.1	80.3
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°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
1977.1	2.5°	1992.0	2010.3	2026.7	2043.7	2060.7	2078.5	2096.3	2113.9	2131.6	2148.2
1946.4	5°	1974.4	2006.4	2038.9	2073.2	2107.6	2144.4	2181.2	2217.8	2254.4	2291.1
1930.8	7.5°	1968.0	2009.5	2053.8	2101.7	2149.7	2204.2	2258.6	2314.6	2370.5	2431.0
1931.9	10°	1971.1	2015.7	2070.3	2127.2	2183.9	2250.1	2316.2	2390.0	2463.9	2540.5
1942.9	12.5°	1975.0	2016.5	2073.9	2138.0	2202.2	2280.3	2358.3	2442.0	2525.7	2609.8
1943.2	15°	1958.5	1991.7	2055.3	2129.6	2203.9	2293.8	2383.6	2474.4	2565.3	2653.0
1914.0	17.5°	1908.3	1928.8	2003.6	2092.9	2182.3	2286.6	2390.9	2490.0	2589.1	2678.0
1852.7	20°	1826.4	1831.9	1918.9	2029.7	2140.4	2266.8	2393.2	2502.1	2611.0	2703.5
1772.4	22.5°	1733.5	1722.9	1822.0	1955.4	2088.8	2242.6	2396.3	2518.5	2640.6	2735.1
1688.2	25°	1643.4	1614.8	1716.4	1872.6	2028.8	2218.6	2408.5	2548.1	2687.7	2780.2
1607.8	27.5°	1564.6	1529.8	1622.3	1796.8	1971.3	2202.6	2434.0	2594.5	2754.9	2843.2
1529.6	30°	1495.3	1468.0	1545.7	1733.4	1921.2	2195.1	2468.9	2654.5	2840.1	2925.3
1454.9	32.5°	1434.6	1422.5	1485.0	1678.8	1872.6	2185.9	2499.0	2717.1	2935.3	3019.6
1382.8	35°	1377.3	1382.3	1434.4	1625.1	1815.9	2168.4	2521.1	2788.5	3055.9	3136.8
1311.0	37.5°	1317.2	1335.6	1381.1	1562.0	1742.8	2138.5	2534.2	2868.5	3202.7	3305.8
1237.4	40°	1251.4	1279.6	1320.9	1486.6	1652.3	2097.3	2542.5	2970.0	3397.4	3547.5
1162.9	42.5°	1181.5	1217.0	1255.1	1403.4	1551.7	2054.9	2558.2	3102.8	3647.3	3864.1
1093.9	45°	1111.9	1146.3	1184.9	1315.0	1445.1	2015.4	2585.8	3277.5	3969.2	4261.6
1034.8	47.5°	1049.9	1079.5	1129.3	1245.1	1360.9	1982.8	2604.7	3463.6	4322.6	4734.2
981.9	50°	995.3	1029.7	1095.2	1198.7	1302.2	1947.3	2592.3	3636.4	4680.4	5300.8
941.3	52.5°	954.6	1002.6	1077.9	1168.1	1258.3	1887.2	2516.2	3748.5	4980.7	5896.1
911.9	55°	933.0	1005.3	1075.4	1145.9	1216.4	1787.7	2359.0	3723.8	5088.5	6423.8
889.4	57.5°	920.0	1008.0	1069.8	1119.7	1169.5	1647.5	2125.4	3549.8	4974.4	6797.8
868.1	60°	907.8	999.5	1040.3	1079.5	1118.7	1465.3	1812.0	3226.1	4640.2	6891.3
844.0	62.5°	893.6	978.7	983.7	1009.7	1035.7	1247.3	1459.0	2788.4	4117.7	6497.7
810.9	65°	863.6	928.5	927.9	940.1	952.4	1051.2	1150.0	2341.7	3533.5	5940.9
766.3	67.5°	810.1	846.6	848.3	841.5	834.6	862.7	890.8	1904.2	2917.7	5278.2
711.1	70°	742.3	754.3	754.3	722.5	690.7	682.8	674.7	1499.3	2323.9	4555.1
645.4	72.5°	666.8	666.6	659.0	614.0	568.9	544.7	520.5	1146.2	1772.0	3771.2
564.6	75°	581.0	584.0	549.1	498.5	448.0	426.1	404.1	831.9	1259.7	2872.6
481.9	77.5°	495.1	496.7	439.1	390.1	341.0	326.0	311.1	563.7	816.3	2010.6
386.1	80°	397.2	397.4	328.7	287.2	245.6	239.5	233.3	363.2	493.2	1295.4
286.7	82.5°	292.1	288.9	230.2	199.6	169.0	167.8	166.7	223.4	280.2	749.7
186.5	85°	192.3	188.1	144.4	122.0	99.6	100.3	100.8	119.4	138.1	337.2
82.7	87.5°	85.0	79.6	61.4	52.2	43.1	43.6	44.2	49.5	54.8	110.5
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°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
2164.8	2.5°	2173.0	2181.2	2192.9	2204.6	2211.5	2218.5	2221.9	2225.4	2223.9	2225.4
2327.8	5°	2356.4	2385.2	2413.6	2442.1	2457.5	2473.0	2482.3	2491.7	2498.9	2491.7
2491.5	7.5°	2538.2	2584.8	2626.7	2668.6	2693.9	2719.2	2732.8	2746.4	2753.0	2746.4
2617.0	10°	2672.2	2727.3	2776.5	2825.8	2855.6	2885.2	2898.5	2911.7	2916.7	2911.7
2693.9	12.5°	2753.7	2813.4	2857.9	2902.2	2923.9	2945.5	2952.7	2960.0	2960.8	2960.0
2740.6	15°	2792.2	2843.8	2871.6	2899.6	2900.4	2901.1	2893.4	2885.7	2876.6	2885.7
2766.9	17.5°	2801.7	2836.6	2837.1	2837.6	2806.3	2775.0	2746.3	2717.6	2697.4	2717.6
2795.9	20°	2808.0	2820.2	2783.5	2746.8	2677.8	2608.7	2558.4	2508.1	2477.2	2508.1
2829.5	22.5°	2813.5	2797.6	2721.6	2645.6	2544.0	2442.5	2379.6	2316.7	2282.6	2316.7
2872.7	25°	2822.5	2772.3	2656.9	2541.5	2418.1	2294.8	2228.7	2162.7	2130.4	2162.7
2931.4	27.5°	2841.7	2751.8	2599.0	2446.2	2309.5	2172.7	2107.7	2042.7	2012.2	2042.7
3010.6	30°	2876.7	2742.9	2554.8	2366.6	2224.2	2081.7	2021.4	1961.1	1932.7	1961.1
3104.1	32.5°	2920.8	2737.5	2524.7	2311.8	2177.9	2044.0	1996.7	1949.3	1928.8	1949.3
3217.6	35°	2993.3	2769.1	2547.2	2325.4	2232.4	2139.5	2128.5	2117.4	2115.7	2117.4
3408.8	37.5°	3144.9	2881.1	2679.5	2477.8	2471.8	2465.8	2516.3	2566.8	2593.1	2566.8
3697.7	40°	3410.7	3123.8	2973.8	2823.9	2929.7	3035.5	3158.4	3281.2	3342.4	3281.2
4080.8	42.5°	3796.1	3511.4	3425.0	3338.7	3569.5	3800.3	4023.7	4247.1	4378.2	4247.1
4553.9	45°	4298.2	4042.4	4004.3	3966.1	4335.9	4705.7	5072.8	5439.9	5662.8	5439.9
5145.6	47.5°	4896.8	4647.9	4640.2	4632.5	5165.9	5699.2	6236.6	6773.9	7089.5	6773.9
5921.2	50°	5613.8	5306.5	5307.8	5309.2	5996.6	6684.1	7393.4	8102.8	8531.6	8102.8
6811.4	52.5°	6439.2	6067.2	6029.5	5991.8	6813.0	7634.2	8511.9	9389.4	9903.5	9389.4
7759.2	55°	7391.5	7023.8	6877.1	6730.5	7644.4	8558.3	9604.6	10650.8	11262.2	10650.8
8621.2	57.5°	8421.0	8220.7	7926.5	7632.4	8555.2	9478.0	10663.1	11848.1	12606.3	11848.1
9142.3	60°	9453.2	9764.3	9398.9	9033.6	9906.9	10780.2	12049.0	13317.9	14137.3	13317.9
8877.7	62.5°	9727.5	10577.2	10536.1	10494.8	11294.8	12094.9	13302.1	14509.2	15266.6	14509.2
8348.2	65°	9145.7	9943.3	10101.1	10258.8	11275.5	12292.3	13462.8	14633.3	15278.2	14633.3
7638.7	67.5°	8397.2	9155.8	9229.8	9303.7	10363.0	11422.3	12597.9	13773.4	14278.6	13773.4
6786.3	70°	7611.4	8436.5	8469.5	8502.7	9450.0	10397.2	11408.9	12420.5	12701.3	12420.5
5770.5	72.5°	6717.3	7664.2	7688.0	7711.7	8452.9	9194.0	9951.7	10709.3	10737.7	10709.3
4485.6	75°	5465.5	6445.4	6533.4	6621.4	7198.0	7774.6	8308.0	8841.4	8698.5	8841.4
3204.9	77.5°	4119.6	5034.4	5160.3	5286.2	5724.6	6162.9	6541.2	6919.6	6673.9	6919.6
2097.6	80°	2867.2	3636.7	3793.2	3949.7	4280.7	4611.6	4810.3	5008.9	4613.8	5008.9
1219.3	82.5°	1745.4	2271.6	2446.4	2621.3	2849.2	3077.0	3159.9	3242.7	2932.2	3242.7
536.5	85°	815.7	1094.9	1243.6	1392.3	1579.6	1766.7	1813.8	1860.8	1612.1	1860.8
166.1	87.5°	259.9	353.8	436.7	519.7	613.3	706.9	711.0	714.9	600.2	714.9
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):

325°		330°	335°	340°	345°	350°	355°	360°
2013.0	0°	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0	2013.0
2221.9	2.5°	2218.5	2211.5	2204.6	2192.9	2181.2	2173.0	2164.8
2482.3	5°	2473.0	2457.5	2442.1	2413.6	2385.2	2356.4	2327.8
2732.8	7.5°	2719.2	2693.9	2668.6	2626.7	2584.8	2538.2	2491.5
2898.5	10°	2885.2	2855.6	2825.8	2776.5	2727.3	2672.2	2617.0
2952.7	12.5°	2945.5	2923.9	2902.2	2857.9	2813.4	2753.7	2693.9
2893.4	15°	2901.1	2900.4	2899.6	2871.6	2843.8	2792.2	2740.6
2746.3	17.5°	2775.0	2806.3	2837.6	2837.1	2836.6	2801.7	2766.9
2558.4	20°	2608.7	2677.8	2746.8	2783.5	2820.2	2808.0	2795.9
2379.6	22.5°	2442.5	2544.0	2645.6	2721.6	2797.6	2813.5	2829.5
2228.7	25°	2294.8	2418.1	2541.5	2656.9	2772.3	2822.5	2872.7
2107.7	27.5°	2172.7	2309.5	2446.2	2599.0	2751.8	2841.7	2931.4
2021.4	30°	2081.7	2224.2	2366.6	2554.8	2742.9	2876.7	3010.6
1996.7	32.5°	2044.0	2177.9	2311.8	2524.7	2737.5	2920.8	3104.1
2128.5	35°	2139.5	2232.4	2325.4	2547.2	2769.1	2993.3	3217.6
2516.3	37.5°	2465.8	2471.8	2477.8	2679.5	2881.1	3144.9	3408.8
3158.4	40°	3035.5	2929.7	2823.9	2973.8	3123.8	3410.7	3697.7
4023.7	42.5°	3800.3	3569.5	3338.7	3425.0	3511.4	3796.1	4080.8
5072.8	45°	4705.7	4335.9	3966.1	4004.3	4042.4	4298.2	4553.9
6236.6	47.5°	5699.2	5165.9	4632.5	4640.2	4647.9	4896.8	5145.6
7393.4	50°	6684.1	5996.6	5309.2	5307.8	5306.5	5613.8	5921.2
8511.9	52.5°	7634.2	6813.0	5991.8	6029.5	6067.2	6439.2	6811.4
9604.6	55°	8558.3	7644.4	6730.5	6877.1	7023.8	7391.5	7759.2
10663.1	57.5°	9478.0	8555.2	7632.4	7926.5	8220.7	8421.0	8621.2
12049.0	60°	10780.2	9906.9	9033.6	9398.9	9764.3	9453.2	9142.3
13302.1	62.5°	12094.9	11294.8	10494.8	10536.1	10577.2	9727.5	8877.7
13462.8	65°	12292.3	11275.5	10258.8	10101.1	9943.3	9145.7	8348.2
12597.9	67.5°	11422.3	10363.0	9303.7	9229.8	9155.8	8397.2	7638.7
11408.9	70°	10397.2	9450.0	8502.7	8469.5	8436.5	7611.4	6786.3
9951.7	72.5°	9194.0	8452.9	7711.7	7688.0	7664.2	6717.3	5770.5
8308.0	75°	7774.6	7198.0	6621.4	6533.4	6445.4	5465.5	4485.6
6541.2	77.5°	6162.9	5724.6	5286.2	5160.3	5034.4	4119.6	3204.9
4810.3	80°	4611.6	4280.7	3949.7	3793.2	3636.7	2867.2	2097.6
3159.9	82.5°	3077.0	2849.2	2621.3	2446.4	2271.6	1745.4	1219.3
1813.8	85°	1766.7	1579.6	1392.3	1243.6	1094.9	815.7	536.5
711.0	87.5°	706.9	613.3	519.7	436.7	353.8	259.9	166.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)