

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: STREETWORKS

Report Number: P947738

Luminaire Tested: **GLAN-SB3A-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947738
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: STREETWORKS
Catalog Number: GLAN-SB3A-730-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13411 lumens
Efficiency: N/A
Efficacy: 158.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

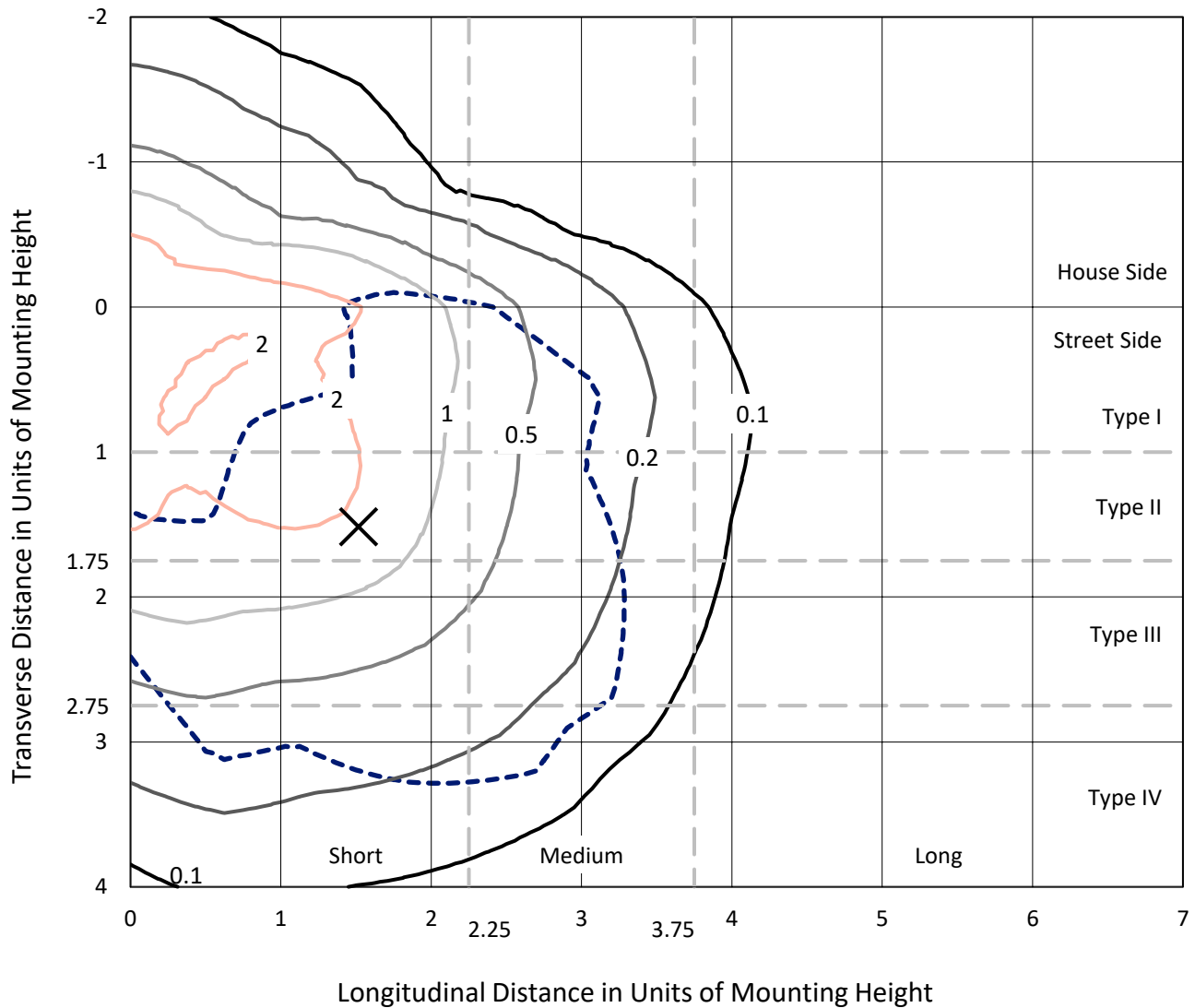


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Iso-Footcandle Lines of Horizontal Illumination

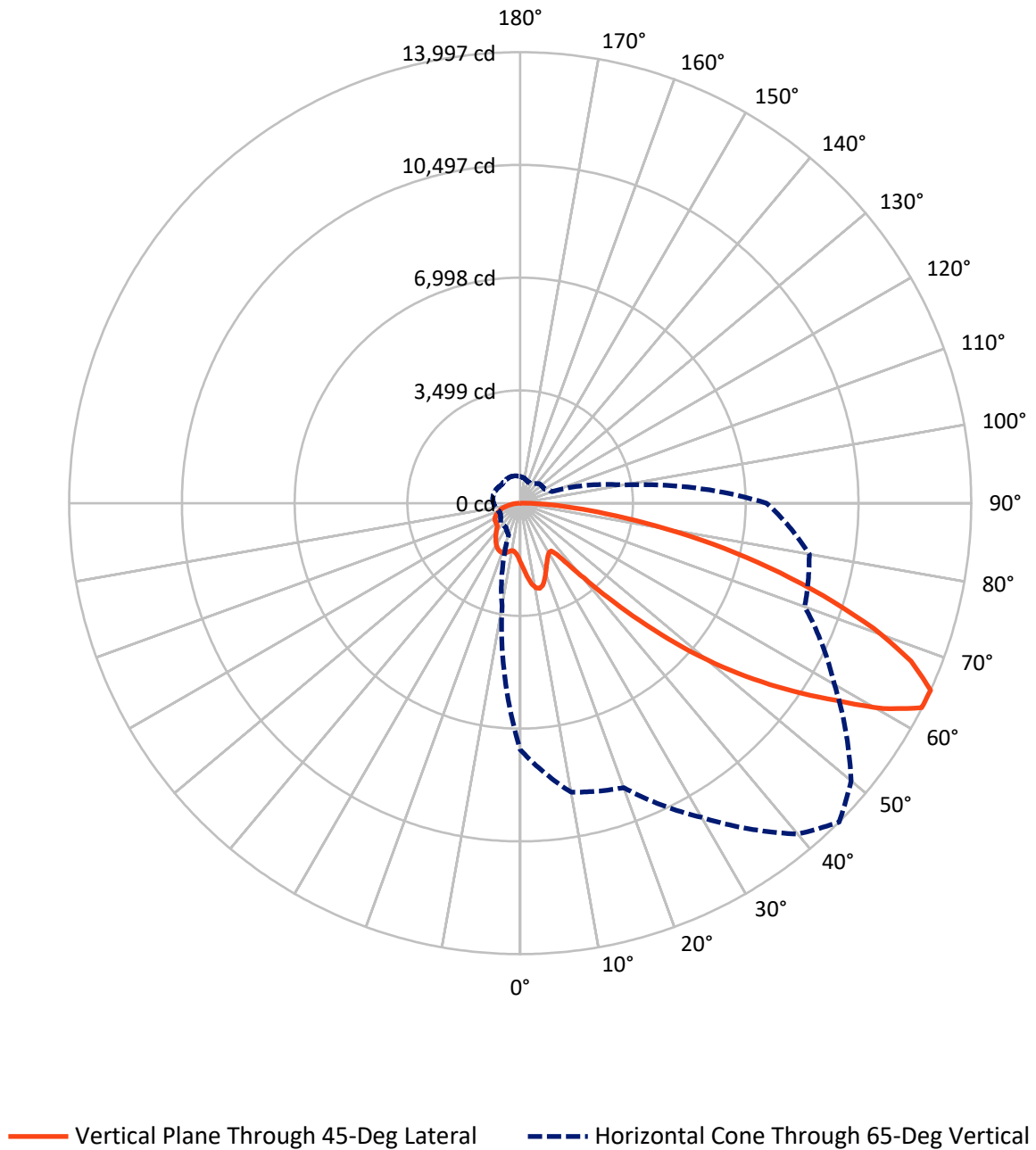
✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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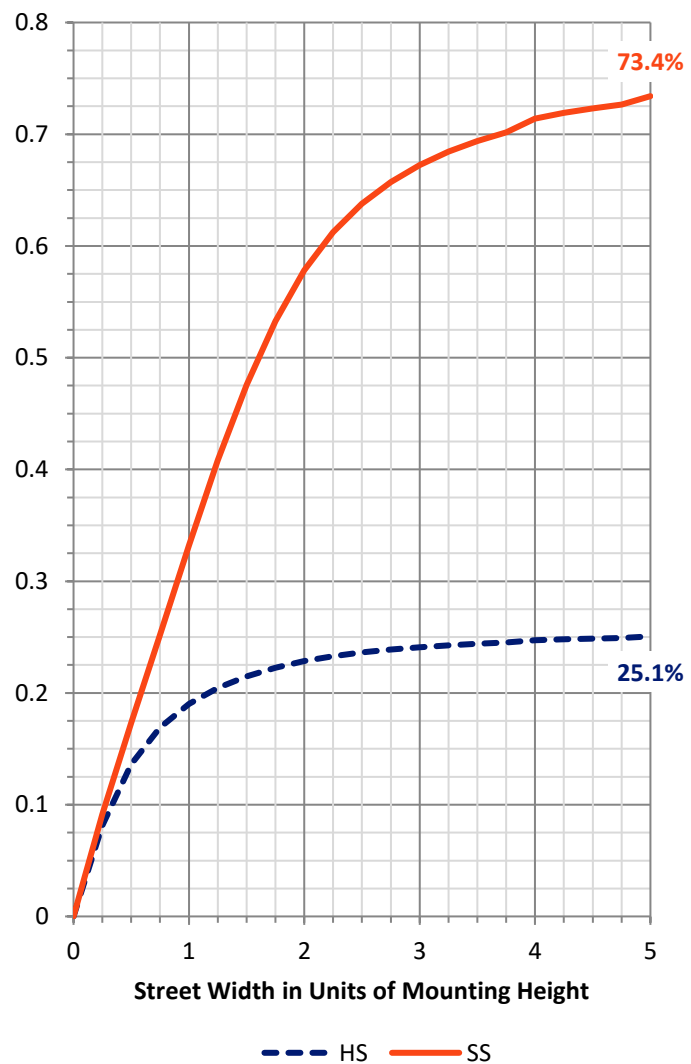
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3408.4	0.0	3408.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	10002.6	0.0	10002.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	13411.0	0.0	13411.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.9	1.4
10°-20°	574.3	4.3
20°-30°	887.1	6.6
30°-40°	1124.1	8.4
40°-50°	1695.5	12.6
50°-60°	2739.3	20.4
60°-70°	3414.9	25.5
70°-80°	2239.3	16.7
80°-90°	553.6	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°	13411.0	100.0
0°-180°	13411.0	100.0

Coefficient of Utilization



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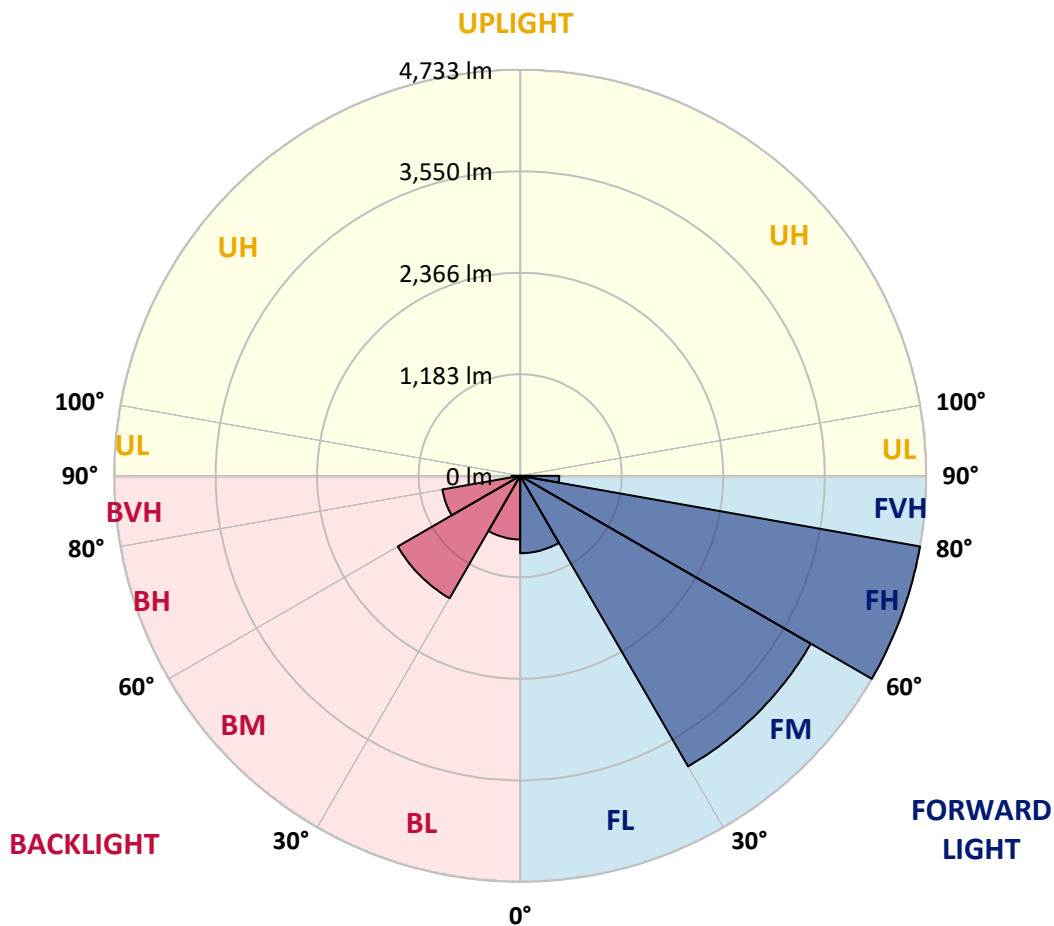
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	902.0	6.7			
FM	(30°-60°)	3911.7	29.2			
FH	(60°-80°)	4732.8	35.3			G2/5000
FVH	(80°-90°)	456.1	3.4			G3/500
BL	(0°-30°)	742.2	5.5	B2/1000		
BM	(30°-60°)	1647.1	12.3	B2/2500		
BH	(60°-80°)	921.5	6.9	B2/1000		G2/1000
BVH	(80°-90°)	97.6	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
2.5°	1983.2	1990.7	1998.3	2008.9	2019.6	2026.0	2032.4	2035.5	2038.7	2037.3
5°	2132.5	2158.7	2185.1	2211.1	2237.2	2251.4	2265.5	2274.1	2282.7	2289.2
7.5°	2282.5	2325.3	2367.9	2406.4	2444.8	2467.9	2491.1	2503.6	2516.0	2522.1
10°	2397.5	2448.0	2498.6	2543.6	2588.7	2616.0	2643.2	2655.4	2667.5	2672.1
12.5°	2467.9	2522.7	2577.4	2618.2	2658.8	2678.6	2698.4	2705.1	2711.7	2712.4
15°	2510.7	2558.0	2605.2	2630.7	2656.4	2657.1	2657.8	2650.7	2643.6	2635.3
17.5°	2534.8	2566.7	2598.6	2599.1	2599.5	2570.9	2542.2	2516.0	2489.6	2471.1
20°	2561.3	2572.4	2583.6	2550.0	2516.4	2453.1	2389.9	2343.8	2297.7	2269.4
22.5°	2592.1	2577.5	2563.0	2493.3	2423.7	2330.6	2237.6	2180.0	2122.4	2091.1
25°	2631.7	2585.7	2539.7	2434.0	2328.3	2215.3	2102.3	2041.7	1981.3	1951.7
27.5°	2685.5	2603.3	2521.0	2380.9	2241.0	2115.7	1990.5	1930.9	1871.4	1843.4
30°	2758.1	2635.4	2512.9	2340.5	2168.1	2037.6	1907.1	1851.8	1796.6	1770.5
32.5°	2843.7	2675.8	2507.9	2312.9	2117.8	1995.2	1872.6	1829.2	1785.7	1767.0
35°	2947.7	2742.2	2536.8	2333.5	2130.4	2045.2	1960.0	1949.9	1939.8	1938.2
37.5°	3122.8	2881.1	2639.4	2454.7	2270.0	2264.5	2259.0	2305.2	2351.5	2375.6
40°	3387.5	3124.6	2861.7	2724.4	2587.0	2684.0	2780.9	2893.4	3005.9	3062.0
42.5°	3738.5	3477.7	3216.8	3137.7	3058.6	3270.0	3481.5	3686.1	3890.8	4010.9
45°	4171.9	3937.6	3703.3	3668.4	3633.4	3972.2	4311.0	4647.3	4983.6	5187.8
47.5°	4714.0	4486.1	4258.1	4251.0	4243.9	4732.6	5221.2	5713.5	6205.7	6494.8
50°	5424.5	5142.9	4861.4	4862.6	4863.8	5493.6	6123.4	6773.2	7423.1	7816.0
52.5°	6240.0	5899.1	5558.2	5523.8	5489.2	6241.5	6993.8	7797.8	8601.8	9072.7
55°	7108.3	6771.5	6434.6	6300.3	6165.9	7003.2	7840.4	8798.9	9757.4	10317.5
57.5°	7898.0	7714.6	7531.1	7261.6	6992.1	7837.5	8683.0	9768.6	10854.2	11548.8
60°	8375.4	8660.3	8945.2	8610.5	8275.8	9075.9	9875.9	11038.3	12200.7	12951.4
62.5°	8133.0	8911.5	9690.0	9652.2	9614.4	10347.4	11080.3	12186.2	13292.1	13985.9
65°	7647.9	8378.5	9109.2	9253.8	9398.3	10329.7	11261.1	12333.5	13405.8	13996.5
67.5°	6997.9	7692.8	8387.7	8455.5	8523.3	9493.7	10464.1	11541.1	12618.1	13080.9
70°	6217.0	6972.9	7728.8	7759.1	7789.4	8657.3	9525.1	10451.9	11378.6	11635.8
72.5°	5286.5	6153.8	7021.3	7043.1	7064.8	7743.8	8422.8	9116.9	9811.0	9837.0
75°	4109.3	5007.0	5904.7	5985.3	6065.9	6594.2	7122.5	7611.1	8099.7	7968.8
77.5°	2936.0	3774.0	4612.1	4727.4	4842.8	5244.4	5646.0	5992.5	6339.1	6114.1
80°	1921.6	2626.6	3331.6	3475.0	3618.3	3921.6	4224.8	4406.8	4588.7	4226.8
82.5°	1117.0	1599.0	2081.0	2241.2	2401.4	2610.2	2818.9	2894.8	2970.7	2686.2
85°	491.5	747.3	1003.1	1139.3	1275.5	1447.1	1618.5	1661.6	1704.7	1476.9
87.5°	152.1	238.1	324.1	400.1	476.1	561.9	647.6	651.3	654.9	549.8
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°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
2038.7	2.5°	2035.5	2032.4	2026.0	2019.6	2008.9	1998.3	1990.7	1983.2	1968.0	1952.8
2282.7	5°	2274.1	2265.5	2251.4	2237.2	2211.1	2185.1	2158.7	2132.5	2098.9	2065.3
2516.0	7.5°	2503.6	2491.1	2467.9	2444.8	2406.4	2367.9	2325.3	2282.5	2227.0	2171.6
2667.5	10°	2655.4	2643.2	2616.0	2588.7	2543.6	2498.6	2448.0	2397.5	2327.4	2257.3
2711.7	12.5°	2705.1	2698.4	2678.6	2658.8	2618.2	2577.4	2522.7	2467.9	2390.9	2313.9
2643.6	15°	2650.7	2657.8	2657.1	2656.4	2630.7	2605.2	2558.0	2510.7	2430.4	2350.1
2489.6	17.5°	2516.0	2542.2	2570.9	2599.5	2599.1	2598.6	2566.7	2534.8	2453.3	2371.9
2297.7	20°	2343.8	2389.9	2453.1	2516.4	2550.0	2583.6	2572.4	2561.3	2476.7	2392.0
2122.4	22.5°	2180.0	2237.6	2330.6	2423.7	2493.3	2563.0	2577.5	2592.1	2505.6	2419.1
1981.3	25°	2041.7	2102.3	2215.3	2328.3	2434.0	2539.7	2585.7	2631.7	2547.0	2462.3
1871.4	27.5°	1930.9	1990.5	2115.7	2241.0	2380.9	2521.0	2603.3	2685.5	2604.7	2523.8
1796.6	30°	1851.8	1907.1	2037.6	2168.1	2340.5	2512.9	2635.4	2758.1	2679.9	2601.9
1785.7	32.5°	1829.2	1872.6	1995.2	2117.8	2312.9	2507.9	2675.8	2843.7	2766.3	2689.1
1939.8	35°	1949.9	1960.0	2045.2	2130.4	2333.5	2536.8	2742.2	2947.7	2873.7	2799.6
2351.5	37.5°	2305.2	2259.0	2264.5	2270.0	2454.7	2639.4	2881.1	3122.8	3028.4	2934.0
3005.9	40°	2893.4	2780.9	2684.0	2587.0	2724.4	2861.7	3124.6	3387.5	3249.9	3112.4
3890.8	42.5°	3686.1	3481.5	3270.0	3058.6	3137.7	3216.8	3477.7	3738.5	3539.9	3341.4
4983.6	45°	4647.3	4311.0	3972.2	3633.4	3668.4	3703.3	3937.6	4171.9	3904.1	3636.2
6205.7	47.5°	5713.5	5221.2	4732.6	4243.9	4251.0	4258.1	4486.1	4714.0	4337.0	3960.0
7423.1	50°	6773.2	6123.4	5493.6	4863.8	4862.6	4861.4	5142.9	5424.5	4856.2	4287.8
8601.8	52.5°	7797.8	6993.8	6241.5	5489.2	5523.8	5558.2	5899.1	6240.0	5401.5	4562.9
9757.4	55°	8798.9	7840.4	7003.2	6165.9	6300.3	6434.6	6771.5	7108.3	5884.9	4661.6
10854.2	57.5°	9768.6	8683.0	7837.5	6992.1	7261.6	7531.1	7714.6	7898.0	6227.6	4557.1
12200.7	60°	11038.3	9875.9	9075.9	8275.8	8610.5	8945.2	8660.3	8375.4	6313.2	4251.0
13292.1	62.5°	12186.2	11080.3	10347.4	9614.4	9652.2	9690.0	8911.5	8133.0	5952.7	3772.3
13405.8	65°	12333.5	11261.1	10329.7	9398.3	9253.8	9109.2	8378.5	7647.9	5442.5	3237.1
12618.1	67.5°	11541.1	10464.1	9493.7	8523.3	8455.5	8387.7	7692.8	6997.9	4835.4	2672.9
11378.6	70°	10451.9	9525.1	8657.3	7789.4	7759.1	7728.8	6972.9	6217.0	4173.0	2129.0
9811.0	72.5°	9116.9	8422.8	7743.8	7064.8	7043.1	7021.3	6153.8	5286.5	3454.9	1623.3
8099.7	75°	7611.1	7122.5	6594.2	6065.9	5985.3	5904.7	5007.0	4109.3	2631.7	1154.0
6339.1	77.5°	5992.5	5646.0	5244.4	4842.8	4727.4	4612.1	3774.0	2936.0	1841.9	747.8
4588.7	80°	4406.8	4224.8	3921.6	3618.3	3475.0	3331.6	2626.6	1921.6	1186.7	451.8
2970.7	82.5°	2894.8	2818.9	2610.2	2401.4	2241.2	2081.0	1599.0	1117.0	686.8	256.7
1704.7	85°	1661.6	1618.5	1447.1	1275.5	1139.3	1003.1	747.3	491.5	309.0	126.5
654.9	87.5°	651.3	647.6	561.9	476.1	400.1	324.1	238.1	152.1	101.2	50.2
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
1936.5	2.5°	1920.4	1904.1	1887.9	1872.3	1856.7	1841.7	1824.9	1811.3	1797.8	1785.5
2031.7	5°	1998.3	1964.5	1930.8	1899.3	1867.8	1838.1	1808.7	1783.1	1757.4	1735.9
2120.4	7.5°	2069.2	2019.3	1969.4	1925.4	1881.5	1840.9	1802.9	1768.8	1734.8	1706.5
2189.5	10°	2121.9	2061.3	2000.7	1948.7	1896.6	1846.6	1805.8	1769.8	1733.9	1705.6
2237.2	12.5°	2160.4	2089.0	2017.5	1958.7	1899.9	1847.3	1809.3	1779.9	1750.6	1731.8
2266.9	15°	2183.7	2101.4	2019.1	1951.0	1882.9	1824.7	1794.2	1780.2	1766.1	1768.7
2281.1	17.5°	2190.3	2094.8	1999.2	1917.4	1835.5	1767.0	1748.2	1753.4	1758.5	1789.4
2292.2	20°	2192.4	2076.7	1960.9	1859.4	1757.9	1678.2	1673.2	1697.3	1721.4	1774.9
2307.2	22.5°	2195.3	2054.4	1913.6	1791.4	1669.2	1578.4	1588.1	1623.7	1659.3	1720.4
2334.4	25°	2206.4	2032.5	1858.6	1715.5	1572.4	1479.3	1505.5	1546.6	1587.6	1642.6
2376.8	27.5°	2229.8	2017.9	1805.9	1646.1	1486.2	1401.5	1433.3	1473.0	1512.6	1557.8
2431.8	30°	2261.8	2011.0	1760.1	1588.0	1416.0	1344.9	1369.9	1401.3	1432.8	1470.3
2489.2	32.5°	2289.4	2002.5	1715.5	1538.0	1360.5	1303.1	1314.2	1332.9	1351.5	1381.4
2554.6	35°	2309.6	1986.5	1663.5	1488.8	1314.1	1266.3	1261.7	1266.8	1272.0	1294.9
2627.8	37.5°	2321.6	1959.1	1596.6	1430.9	1265.3	1223.5	1206.7	1201.0	1195.4	1211.8
2720.8	40°	2329.2	1921.4	1513.7	1361.9	1210.1	1172.2	1146.4	1133.6	1120.8	1132.6
2842.5	42.5°	2343.6	1882.5	1421.5	1285.7	1149.8	1114.9	1082.3	1065.4	1048.4	1058.0
3002.5	45°	2368.8	1846.3	1323.9	1204.7	1085.5	1050.1	1018.7	1002.1	985.6	993.7
3173.1	47.5°	2386.2	1816.5	1246.7	1140.7	1034.6	988.9	961.8	948.0	934.1	941.7
3331.3	50°	2374.9	1783.9	1193.0	1098.1	1003.3	943.3	911.8	899.5	887.2	899.1
3434.1	52.5°	2305.2	1728.9	1152.8	1070.1	987.5	918.5	874.5	862.3	850.2	868.1
3411.4	55°	2161.2	1637.8	1114.4	1049.8	985.2	921.0	854.7	835.4	816.3	841.7
3252.1	57.5°	1947.1	1509.3	1071.4	1025.7	980.1	923.5	842.8	814.8	786.8	814.1
2955.5	60°	1660.0	1342.4	1024.8	988.9	953.1	915.7	831.6	795.3	759.0	782.9
2554.5	62.5°	1336.6	1142.7	948.8	925.0	901.2	896.6	818.6	773.2	727.8	743.0
2145.3	65°	1053.5	963.0	872.5	861.3	850.0	850.6	791.1	742.9	694.6	700.4
1744.5	67.5°	816.1	790.4	764.6	770.9	777.1	775.6	742.2	702.0	661.8	660.0
1373.5	70°	618.1	625.5	632.8	661.9	691.0	691.0	680.0	651.5	622.9	616.5
1050.1	72.5°	476.8	499.0	521.2	562.5	603.8	610.7	610.8	591.2	571.6	562.3
762.1	75°	370.2	390.3	410.4	456.7	503.0	535.0	532.3	517.2	502.1	493.2
516.4	77.5°	285.0	298.7	312.4	357.4	402.3	455.0	453.6	441.5	429.4	420.3
332.7	80°	213.7	219.4	225.0	263.1	301.1	364.1	363.9	353.8	343.6	336.0
204.7	82.5°	152.7	153.7	154.8	182.9	210.9	264.7	267.6	262.7	257.7	252.3
109.4	85°	92.3	91.9	91.3	111.8	132.3	172.3	176.2	170.9	165.6	159.6
45.4	87.5°	40.5	40.0	39.5	47.8	56.3	72.9	77.8	75.7	73.6	72.5
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
1773.4	2.5°	1762.7	1752.0	1741.2	1730.6	1722.3	1713.9	1707.2	1700.5	1695.2	1690.0
1714.5	5°	1695.5	1676.6	1659.4	1642.1	1628.9	1615.6	1606.3	1597.0	1590.4	1583.9
1678.2	7.5°	1654.3	1630.4	1609.3	1588.3	1572.5	1556.8	1545.8	1534.7	1527.2	1519.7
1677.3	10°	1651.6	1625.8	1602.1	1578.4	1559.6	1540.7	1528.4	1515.9	1508.8	1501.6
1713.1	12.5°	1692.8	1672.7	1648.2	1623.7	1599.6	1575.6	1559.7	1543.7	1535.7	1527.8
1771.2	15°	1766.0	1760.8	1739.5	1718.2	1683.9	1649.7	1625.5	1601.3	1590.2	1579.1
1820.2	17.5°	1836.6	1853.0	1835.8	1818.7	1773.3	1727.9	1692.3	1656.6	1640.2	1623.7
1828.6	20°	1862.9	1897.2	1889.3	1881.3	1829.4	1777.6	1733.9	1690.2	1669.2	1648.1
1781.7	22.5°	1826.4	1871.0	1875.8	1880.6	1831.0	1781.5	1736.5	1691.4	1669.3	1647.0
1697.6	25°	1741.6	1785.5	1802.0	1818.3	1777.7	1737.1	1697.1	1657.2	1637.9	1618.7
1603.0	27.5°	1638.2	1673.4	1691.7	1710.0	1681.1	1652.2	1621.1	1590.1	1577.2	1564.3
1507.9	30°	1537.1	1566.4	1581.2	1596.1	1574.1	1552.0	1529.8	1507.4	1500.8	1494.2
1411.4	32.5°	1439.4	1467.5	1484.0	1500.6	1480.3	1460.0	1442.3	1424.5	1420.2	1415.9
1317.6	35°	1345.4	1373.2	1393.0	1412.8	1398.4	1384.0	1367.6	1351.3	1344.7	1338.2
1228.1	37.5°	1255.8	1283.5	1308.0	1332.5	1325.8	1319.2	1304.1	1289.0	1277.0	1265.1
1144.4	40°	1171.2	1197.9	1226.1	1254.3	1255.9	1257.5	1244.7	1231.9	1214.5	1197.2
1067.7	42.5°	1093.0	1118.4	1148.9	1179.3	1187.4	1195.6	1184.7	1174.0	1152.4	1130.8
1001.9	45°	1025.9	1050.0	1081.6	1113.1	1124.8	1136.5	1126.7	1117.0	1092.3	1067.7
949.3	47.5°	972.9	996.4	1027.5	1058.6	1072.1	1085.5	1078.7	1071.9	1050.0	1028.1
911.1	50°	933.3	955.5	983.3	1011.2	1028.5	1045.8	1045.3	1045.1	1027.5	1010.0
886.0	52.5°	906.4	926.7	952.6	978.7	999.1	1019.6	1023.3	1026.9	1012.6	998.3
867.0	55°	888.9	910.9	933.7	956.4	978.0	999.8	1004.9	1010.0	997.5	985.0
841.4	57.5°	867.2	892.9	915.4	938.0	959.9	981.6	986.8	992.0	979.4	966.8
806.9	60°	836.4	866.0	888.9	911.8	933.7	955.7	961.3	967.0	954.7	942.4
758.2	62.5°	792.7	827.2	851.7	876.1	896.2	916.3	921.7	927.2	916.0	904.9
706.2	65°	743.2	780.2	803.5	826.9	844.6	862.3	867.9	873.4	862.7	852.0
658.1	67.5°	692.2	726.4	748.5	770.6	785.9	801.2	806.6	812.0	802.2	792.4
610.1	70°	640.1	670.1	689.2	708.4	722.2	736.0	741.2	746.4	738.4	730.4
553.0	72.5°	576.7	600.2	617.5	634.8	648.3	661.8	668.0	674.2	667.6	660.9
484.2	75°	501.7	519.3	534.9	550.5	562.9	575.2	581.7	588.2	584.9	581.7
411.3	77.5°	425.6	439.8	453.2	466.7	479.6	492.5	498.6	504.7	500.2	495.5
328.3	80°	340.2	352.1	363.4	374.7	384.5	394.3	402.4	410.4	408.5	406.5
247.0	82.5°	246.0	245.0	241.0	237.1	258.0	279.0	292.7	306.4	305.6	304.6
153.6	85°	148.5	143.3	132.3	121.4	141.0	160.6	177.6	194.6	193.2	191.8
71.3	87.5°	71.1	70.9	62.6	54.1	62.3	70.6	77.5	84.4	82.7	80.8
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°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
1685.2	2.5°	1680.3	1674.3	1680.3	1685.2	1690.0	1695.2	1700.5	1707.2	1713.9	1722.3
1578.8	5°	1573.8	1568.9	1573.8	1578.8	1583.9	1590.4	1597.0	1606.3	1615.6	1628.9
1515.1	7.5°	1510.7	1507.3	1510.7	1515.1	1519.7	1527.2	1534.7	1545.8	1556.8	1572.5
1497.8	10°	1494.0	1492.4	1494.0	1497.8	1501.6	1508.8	1515.9	1528.4	1540.7	1559.6
1524.6	12.5°	1521.3	1520.7	1521.3	1524.6	1527.8	1535.7	1543.7	1559.7	1575.6	1599.6
1574.9	15°	1570.6	1570.3	1570.6	1574.9	1579.1	1590.2	1601.3	1625.5	1649.7	1683.9
1618.3	17.5°	1612.9	1612.0	1612.9	1618.3	1623.7	1640.2	1656.6	1692.3	1727.9	1773.3
1641.4	20°	1634.7	1632.5	1634.7	1641.4	1648.1	1669.2	1690.2	1733.9	1777.6	1829.4
1639.6	22.5°	1632.2	1629.0	1632.2	1639.6	1647.0	1669.3	1691.4	1736.5	1781.5	1831.0
1611.7	25°	1604.8	1600.7	1604.8	1611.7	1618.7	1637.9	1657.2	1697.1	1737.1	1777.7
1561.1	27.5°	1557.9	1556.8	1557.9	1561.1	1564.3	1577.2	1590.1	1621.1	1652.2	1681.1
1494.2	30°	1494.2	1495.3	1494.2	1494.2	1494.2	1500.8	1507.4	1529.8	1552.0	1574.1
1416.4	32.5°	1417.1	1418.1	1417.1	1416.4	1415.9	1420.2	1424.5	1442.3	1460.0	1480.3
1336.7	35°	1335.3	1334.6	1335.3	1336.7	1338.2	1344.7	1351.3	1367.6	1384.0	1398.4
1258.8	37.5°	1252.5	1249.0	1252.5	1258.8	1265.1	1277.0	1289.0	1304.1	1319.2	1325.8
1185.5	40°	1173.8	1166.9	1173.8	1185.5	1197.2	1214.5	1231.9	1244.7	1257.5	1255.9
1113.8	42.5°	1096.7	1085.5	1096.7	1113.8	1130.8	1152.4	1174.0	1184.7	1195.6	1187.4
1047.7	45°	1027.6	1014.8	1027.6	1047.7	1067.7	1092.3	1117.0	1126.7	1136.5	1124.8
1009.5	47.5°	991.1	978.7	991.1	1009.5	1028.1	1050.0	1071.9	1078.7	1085.5	1072.1
992.8	50°	975.7	963.8	975.7	992.8	1010.0	1027.5	1045.1	1045.3	1045.8	1028.5
983.0	52.5°	967.7	956.7	967.7	983.0	998.3	1012.6	1026.9	1023.3	1019.6	999.1
971.6	55°	958.2	948.2	958.2	971.6	985.0	997.5	1010.0	1004.9	999.8	978.0
953.5	57.5°	940.1	929.8	940.1	953.5	966.8	979.4	992.0	986.8	981.6	959.9
928.7	60°	915.0	904.4	915.0	928.7	942.4	954.7	967.0	961.3	955.7	933.7
890.5	62.5°	876.1	863.3	876.1	890.5	904.9	916.0	927.2	921.7	916.3	896.2
838.0	65°	824.1	813.1	824.1	838.0	852.0	862.7	873.4	867.9	862.3	844.6
779.4	67.5°	766.4	756.5	766.4	779.4	792.4	802.2	812.0	806.6	801.2	785.9
718.0	70°	705.5	694.2	705.5	718.0	730.4	738.4	746.4	741.2	736.0	722.2
649.1	72.5°	637.2	626.3	637.2	649.1	660.9	667.6	674.2	668.0	661.8	648.3
571.7	75°	561.7	551.3	561.7	571.7	581.7	584.9	588.2	581.7	575.2	562.9
485.4	77.5°	475.4	467.0	475.4	485.4	495.5	500.2	504.7	498.6	492.5	479.6
393.0	80°	379.4	363.7	379.4	393.0	406.5	408.5	410.4	402.4	394.3	384.5
293.2	82.5°	281.8	271.7	281.8	293.2	304.6	305.6	306.4	292.7	279.0	258.0
182.9	85°	173.9	164.9	173.9	182.9	191.8	193.2	194.6	177.6	160.6	141.0
76.3	87.5°	71.6	67.2	71.6	76.3	80.8	82.7	84.4	77.5	70.6	62.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
1730.6	2.5°	1741.2	1752.0	1762.7	1773.4	1785.5	1797.8	1811.3	1824.9	1841.7	1856.7
1642.1	5°	1659.4	1676.6	1695.5	1714.5	1735.9	1757.4	1783.1	1808.7	1838.1	1867.8
1588.3	7.5°	1609.3	1630.4	1654.3	1678.2	1706.5	1734.8	1768.8	1802.9	1840.9	1881.5
1578.4	10°	1602.1	1625.8	1651.6	1677.3	1705.6	1733.9	1769.8	1805.8	1846.6	1896.6
1623.7	12.5°	1648.2	1672.7	1692.8	1713.1	1731.8	1750.6	1779.9	1809.3	1847.3	1899.9
1718.2	15°	1739.5	1760.8	1766.0	1771.2	1768.7	1766.1	1780.2	1794.2	1824.7	1882.9
1818.7	17.5°	1835.8	1853.0	1836.6	1820.2	1789.4	1758.5	1753.4	1748.2	1767.0	1835.5
1881.3	20°	1889.3	1897.2	1862.9	1828.6	1774.9	1721.4	1697.3	1673.2	1678.2	1757.9
1880.6	22.5°	1875.8	1871.0	1826.4	1781.7	1720.4	1659.3	1623.7	1588.1	1578.4	1669.2
1818.3	25°	1802.0	1785.5	1741.6	1697.6	1642.6	1587.6	1546.6	1505.5	1479.3	1572.4
1710.0	27.5°	1691.7	1673.4	1638.2	1603.0	1557.8	1512.6	1473.0	1433.3	1401.5	1486.2
1596.1	30°	1581.2	1566.4	1537.1	1507.9	1470.3	1432.8	1401.3	1369.9	1344.9	1416.0
1500.6	32.5°	1484.0	1467.5	1439.4	1411.4	1381.4	1351.5	1332.9	1314.2	1303.1	1360.5
1412.8	35°	1393.0	1373.2	1345.4	1317.6	1294.9	1272.0	1266.8	1261.7	1266.3	1314.1
1332.5	37.5°	1308.0	1283.5	1255.8	1228.1	1211.8	1195.4	1201.0	1206.7	1223.5	1265.3
1254.3	40°	1226.1	1197.9	1171.2	1144.4	1132.6	1120.8	1133.6	1146.4	1172.2	1210.1
1179.3	42.5°	1148.9	1118.4	1093.0	1067.7	1058.0	1048.4	1065.4	1082.3	1114.9	1149.8
1113.1	45°	1081.6	1050.0	1025.9	1001.9	993.7	985.6	1002.1	1018.7	1050.1	1085.5
1058.6	47.5°	1027.5	996.4	972.9	949.3	941.7	934.1	948.0	961.8	988.9	1034.6
1011.2	50°	983.3	955.5	933.3	911.1	899.1	887.2	899.5	911.8	943.3	1003.3
978.7	52.5°	952.6	926.7	906.4	886.0	868.1	850.2	862.3	874.5	918.5	987.5
956.4	55°	933.7	910.9	888.9	867.0	841.7	816.3	835.4	854.7	921.0	985.2
938.0	57.5°	915.4	892.9	867.2	841.4	814.1	786.8	814.8	842.8	923.5	980.1
911.8	60°	888.9	866.0	836.4	806.9	782.9	759.0	795.3	831.6	915.7	953.1
876.1	62.5°	851.7	827.2	792.7	758.2	743.0	727.8	773.2	818.6	896.6	901.2
826.9	65°	803.5	780.2	743.2	706.2	700.4	694.6	742.9	791.1	850.6	850.0
770.6	67.5°	748.5	726.4	692.2	658.1	660.0	661.8	702.0	742.2	775.6	777.1
708.4	70°	689.2	670.1	640.1	610.1	616.5	622.9	651.5	680.0	691.0	691.0
634.8	72.5°	617.5	600.2	576.7	553.0	562.3	571.6	591.2	610.8	610.7	603.8
550.5	75°	534.9	519.3	501.7	484.2	493.2	502.1	517.2	532.3	535.0	503.0
466.7	77.5°	453.2	439.8	425.6	411.3	420.3	429.4	441.5	453.6	455.0	402.3
374.7	80°	363.4	352.1	340.2	328.3	336.0	343.6	353.8	363.9	364.1	301.1
237.1	82.5°	241.0	245.0	246.0	247.0	252.3	257.7	262.7	267.6	264.7	210.9
121.4	85°	132.3	143.3	148.5	153.6	159.6	165.6	170.9	176.2	172.3	132.3
54.1	87.5°	62.6	70.9	71.1	71.3	72.5	73.6	75.7	77.8	72.9	56.3
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):

325°		330°	335°	340°	345°	350°	355°	360°
1844.1	0°	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1	1844.1
1872.3	2.5°	1887.9	1904.1	1920.4	1936.5	1952.8	1968.0	1983.2
1899.3	5°	1930.8	1964.5	1998.3	2031.7	2065.3	2098.9	2132.5
1925.4	7.5°	1969.4	2019.3	2069.2	2120.4	2171.6	2227.0	2282.5
1948.7	10°	2000.7	2061.3	2121.9	2189.5	2257.3	2327.4	2397.5
1958.7	12.5°	2017.5	2089.0	2160.4	2237.2	2313.9	2390.9	2467.9
1951.0	15°	2019.1	2101.4	2183.7	2266.9	2350.1	2430.4	2510.7
1917.4	17.5°	1999.2	2094.8	2190.3	2281.1	2371.9	2453.3	2534.8
1859.4	20°	1960.9	2076.7	2192.4	2292.2	2392.0	2476.7	2561.3
1791.4	22.5°	1913.6	2054.4	2195.3	2307.2	2419.1	2505.6	2592.1
1715.5	25°	1858.6	2032.5	2206.4	2334.4	2462.3	2547.0	2631.7
1646.1	27.5°	1805.9	2017.9	2229.8	2376.8	2523.8	2604.7	2685.5
1588.0	30°	1760.1	2011.0	2261.8	2431.8	2601.9	2679.9	2758.1
1538.0	32.5°	1715.5	2002.5	2289.4	2489.2	2689.1	2766.3	2843.7
1488.8	35°	1663.5	1986.5	2309.6	2554.6	2799.6	2873.7	2947.7
1430.9	37.5°	1596.6	1959.1	2321.6	2627.8	2934.0	3028.4	3122.8
1361.9	40°	1513.7	1921.4	2329.2	2720.8	3112.4	3249.9	3387.5
1285.7	42.5°	1421.5	1882.5	2343.6	2842.5	3341.4	3539.9	3738.5
1204.7	45°	1323.9	1846.3	2368.8	3002.5	3636.2	3904.1	4171.9
1140.7	47.5°	1246.7	1816.5	2386.2	3173.1	3960.0	4337.0	4714.0
1098.1	50°	1193.0	1783.9	2374.9	3331.3	4287.8	4856.2	5424.5
1070.1	52.5°	1152.8	1728.9	2305.2	3434.1	4562.9	5401.5	6240.0
1049.8	55°	1114.4	1637.8	2161.2	3411.4	4661.6	5884.9	7108.3
1025.7	57.5°	1071.4	1509.3	1947.1	3252.1	4557.1	6227.6	7898.0
988.9	60°	1024.8	1342.4	1660.0	2955.5	4251.0	6313.2	8375.4
925.0	62.5°	948.8	1142.7	1336.6	2554.5	3772.3	5952.7	8133.0
861.3	65°	872.5	963.0	1053.5	2145.3	3237.1	5442.5	7647.9
770.9	67.5°	764.6	790.4	816.1	1744.5	2672.9	4835.4	6997.9
661.9	70°	632.8	625.5	618.1	1373.5	2129.0	4173.0	6217.0
562.5	72.5°	521.2	499.0	476.8	1050.1	1623.3	3454.9	5286.5
456.7	75°	410.4	390.3	370.2	762.1	1154.0	2631.7	4109.3
357.4	77.5°	312.4	298.7	285.0	516.4	747.8	1841.9	2936.0
263.1	80°	225.0	219.4	213.7	332.7	451.8	1186.7	1921.6
182.9	82.5°	154.8	153.7	152.7	204.7	256.7	686.8	1117.0
111.8	85°	91.3	91.9	92.3	109.4	126.5	309.0	491.5
47.8	87.5°	39.5	40.0	40.5	45.4	50.2	101.2	152.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)