

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: P947129

Luminaire Tested: **GALN-SB2C-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947129
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-SB2C-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12977 lumens
Efficiency: N/A
Efficacy: 128.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

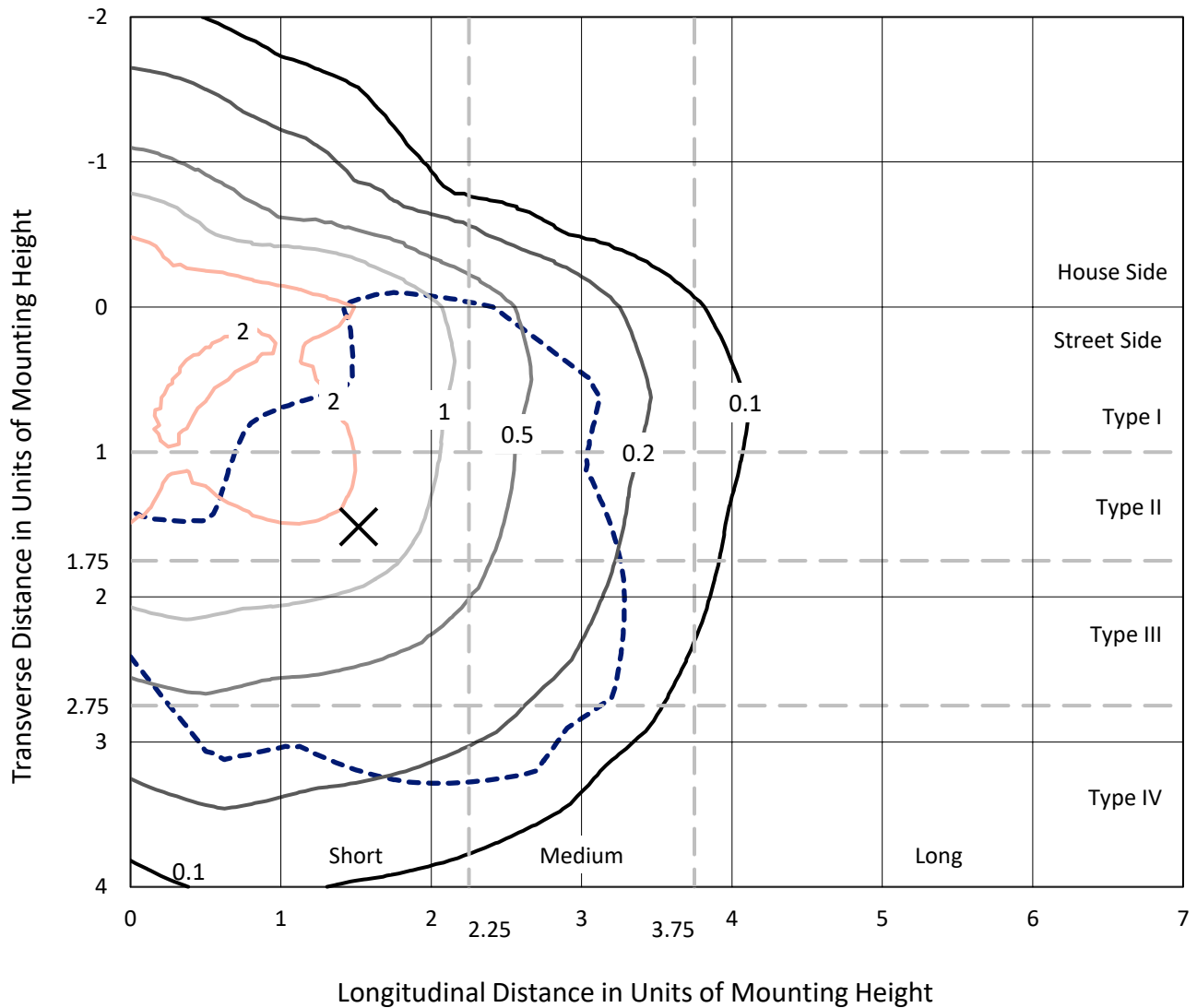
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

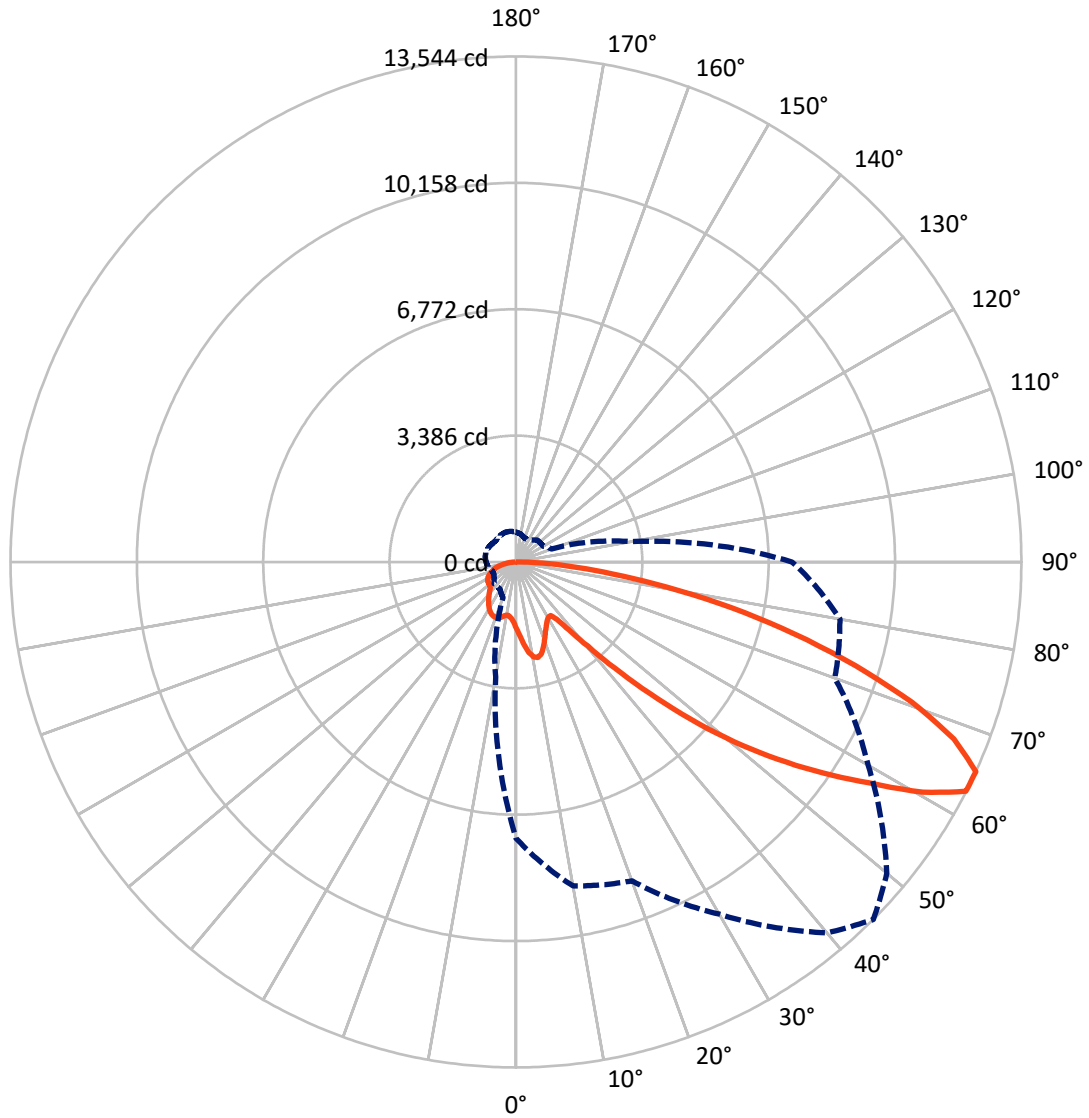
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3298.1	0.0	3298.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9678.9	0.0	9678.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	12977.0	0.0	12977.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.0	1.4
10°-20°	555.7	4.3
20°-30°	858.3	6.6
30°-40°	1087.7	8.4
40°-50°	1640.6	12.6
50°-60°	2650.6	20.4
60°-70°	3304.4	25.5
70°-80°	2166.9	16.7
80°-90°	535.7	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°	12977.0	100.0
0°-180°	12977.0	100.0

Coefficient of Utilization



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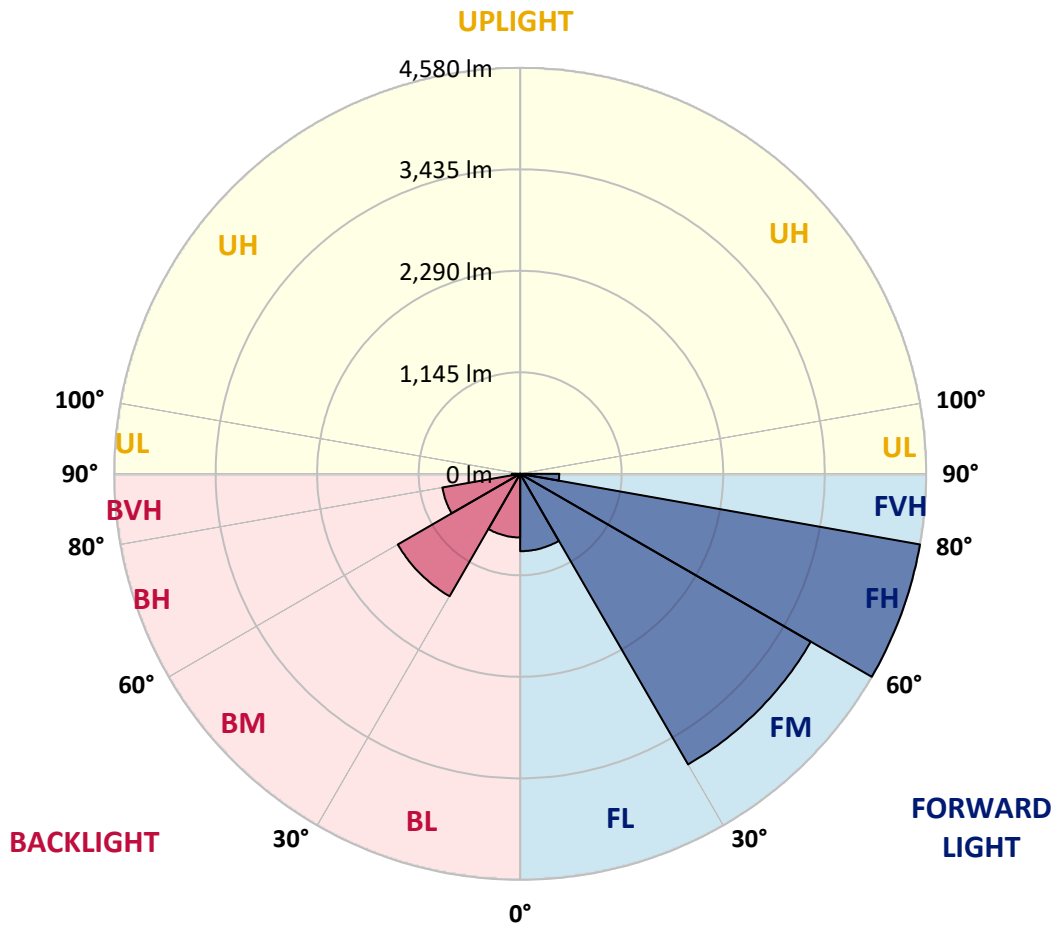
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	872.9	6.7			
FM (30°-60°)	3785.1	29.2			
FH (60°-80°)	4579.6	35.3			G2/5000
FVH (80°-90°)	441.3	3.4			G3/500
BL (0°-30°)	718.2	5.5	B2/1000		
BM (30°-60°)	1593.8	12.3	B2/2500		
BH (60°-80°)	891.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	94.4	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°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
2.5°	1919.0	1926.3	1933.6	1943.9	1954.3	1960.4	1966.6	1969.7	1972.8	1971.4
5°	2063.5	2088.9	2114.4	2139.6	2164.8	2178.5	2192.2	2200.5	2208.9	2215.2
7.5°	2208.6	2250.0	2291.3	2328.5	2365.7	2388.1	2410.4	2422.6	2434.6	2440.4
10°	2319.9	2368.8	2417.7	2461.3	2504.9	2531.4	2557.7	2569.4	2581.2	2585.6
12.5°	2388.1	2441.1	2494.0	2533.4	2572.7	2591.9	2611.1	2617.5	2623.9	2624.6
15°	2429.5	2475.2	2520.9	2545.6	2570.4	2571.1	2571.8	2564.9	2558.1	2550.0
17.5°	2452.8	2483.6	2514.5	2515.0	2515.4	2487.7	2460.0	2434.5	2409.1	2391.1
20°	2478.4	2489.2	2500.0	2467.5	2435.0	2373.7	2312.5	2267.9	2223.4	2196.0
22.5°	2508.2	2494.1	2480.0	2412.6	2345.3	2255.2	2165.2	2109.4	2053.7	2023.4
25°	2546.6	2502.1	2457.6	2355.3	2253.0	2143.6	2034.2	1975.6	1917.2	1888.5
27.5°	2598.6	2519.0	2439.4	2303.9	2168.5	2047.3	1926.1	1868.4	1810.8	1783.8
30°	2668.8	2550.1	2431.5	2264.7	2097.9	1971.7	1845.4	1791.9	1738.4	1713.2
32.5°	2751.7	2589.2	2426.7	2238.0	2049.3	1930.6	1812.0	1770.0	1728.0	1709.8
35°	2852.3	2653.5	2454.7	2258.0	2061.4	1979.0	1896.6	1886.8	1877.0	1875.5
37.5°	3021.8	2787.9	2554.0	2375.2	2196.5	2191.2	2185.8	2230.6	2275.4	2298.7
40°	3277.9	3023.5	2769.1	2636.2	2503.3	2597.1	2690.9	2799.8	2908.7	2962.9
42.5°	3617.5	3365.1	3112.7	3036.2	2959.6	3164.2	3368.8	3566.8	3764.9	3881.1
45°	4036.9	3810.2	3583.4	3549.7	3515.8	3843.6	4171.5	4496.9	4822.3	5019.9
47.5°	4561.4	4340.9	4120.3	4113.4	4106.6	4579.4	5052.2	5528.6	6004.9	6284.6
50°	5248.9	4976.5	4704.1	4705.2	4706.4	5315.8	5925.2	6554.1	7182.9	7563.0
52.5°	6038.1	5708.2	5378.3	5345.0	5311.6	6039.5	6767.5	7545.5	8323.4	8779.1
55°	6878.3	6552.3	6226.4	6096.4	5966.3	6776.5	7586.6	8514.1	9441.6	9983.6
57.5°	7642.5	7465.0	7287.4	7026.6	6765.8	7583.9	8402.0	9452.5	10503.0	11175.1
60°	8104.3	8380.0	8655.7	8331.9	8008.0	8782.1	9556.3	10681.1	11805.9	12532.2
62.5°	7869.8	8623.1	9376.4	9339.9	9303.3	10012.5	10721.8	11791.9	12861.9	13533.3
65°	7400.4	8107.4	8814.4	8954.3	9094.1	9995.4	10896.7	11934.4	12972.0	13543.6
67.5°	6771.5	7443.9	8116.3	8181.9	8247.4	9186.5	10125.5	11167.6	12209.7	12657.5
70°	6015.8	6747.2	7478.7	7508.0	7537.3	8377.1	9216.8	10113.6	11010.4	11259.3
72.5°	5115.4	5954.7	6794.1	6815.1	6836.2	7493.2	8150.2	8821.9	9493.5	9518.7
75°	3976.3	4845.0	5713.7	5791.7	5869.6	6380.8	6892.0	7364.8	7837.6	7710.9
77.5°	2841.0	3651.9	4462.8	4574.4	4686.1	5074.7	5463.2	5798.6	6134.0	5916.2
80°	1859.4	2541.6	3223.8	3362.5	3501.2	3794.7	4088.1	4264.2	4440.2	4090.0
82.5°	1080.9	1547.3	2013.7	2168.7	2323.7	2525.7	2727.7	2801.2	2874.6	2599.3
85°	475.6	723.1	970.6	1102.4	1234.3	1400.2	1566.2	1607.9	1649.6	1429.1
87.5°	147.2	230.4	313.6	387.2	460.7	543.7	626.7	630.2	633.7	532.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1972.8	2.5°	1969.7	1966.6	1960.4	1954.3	1943.9	1933.6	1926.3	1919.0	1904.3	1889.6
2208.9	5°	2200.5	2192.2	2178.5	2164.8	2139.6	2114.4	2088.9	2063.5	2031.0	1998.4
2434.6	7.5°	2422.6	2410.4	2388.1	2365.7	2328.5	2291.3	2250.0	2208.6	2155.0	2101.3
2581.2	10°	2569.4	2557.7	2531.4	2504.9	2461.3	2417.7	2368.8	2319.9	2252.1	2184.2
2623.9	12.5°	2617.5	2611.1	2591.9	2572.7	2533.4	2494.0	2441.1	2388.1	2313.5	2239.0
2558.1	15°	2564.9	2571.8	2571.1	2570.4	2545.6	2520.9	2475.2	2429.5	2351.8	2274.0
2409.1	17.5°	2434.5	2460.0	2487.7	2515.4	2515.0	2514.5	2483.6	2452.8	2373.9	2295.1
2223.4	20°	2267.9	2312.5	2373.7	2435.0	2467.5	2500.0	2489.2	2478.4	2396.5	2314.6
2053.7	22.5°	2109.4	2165.2	2255.2	2345.3	2412.6	2480.0	2494.1	2508.2	2424.6	2340.8
1917.2	25°	1975.6	2034.2	2143.6	2253.0	2355.3	2457.6	2502.1	2546.6	2464.5	2382.6
1810.8	27.5°	1868.4	1926.1	2047.3	2168.5	2303.9	2439.4	2519.0	2598.6	2520.4	2442.1
1738.4	30°	1791.9	1845.4	1971.7	2097.9	2264.7	2431.5	2550.1	2668.8	2593.2	2517.7
1728.0	32.5°	1770.0	1812.0	1930.6	2049.3	2238.0	2426.7	2589.2	2751.7	2676.8	2602.0
1877.0	35°	1886.8	1896.6	1979.0	2061.4	2258.0	2454.7	2653.5	2852.3	2780.7	2709.0
2275.4	37.5°	2230.6	2185.8	2191.2	2196.5	2375.2	2554.0	2787.9	3021.8	2930.4	2839.1
2908.7	40°	2799.8	2690.9	2597.1	2503.3	2636.2	2769.1	3023.5	3277.9	3144.8	3011.7
3764.9	42.5°	3566.8	3368.8	3164.2	2959.6	3036.2	3112.7	3365.1	3617.5	3425.4	3233.2
4822.3	45°	4496.9	4171.5	3843.6	3515.8	3549.7	3583.4	3810.2	4036.9	3777.7	3518.6
6004.9	47.5°	5528.6	5052.2	4579.4	4106.6	4113.4	4120.3	4340.9	4561.4	4196.7	3831.8
7182.9	50°	6554.1	5925.2	5315.8	4706.4	4705.2	4704.1	4976.5	5248.9	4699.0	4149.0
8323.4	52.5°	7545.5	6767.5	6039.5	5311.6	5345.0	5378.3	5708.2	6038.1	5226.7	4415.2
9441.6	55°	8514.1	7586.6	6776.5	5966.3	6096.4	6226.4	6552.3	6878.3	5694.5	4510.8
10503.0	57.5°	9452.5	8402.0	7583.9	6765.8	7026.6	7287.4	7465.0	7642.5	6026.0	4409.6
11805.9	60°	10681.1	9556.3	8782.1	8008.0	8331.9	8655.7	8380.0	8104.3	6108.9	4113.4
12861.9	62.5°	11791.9	10721.8	10012.5	9303.3	9339.9	9376.4	8623.1	7869.8	5760.0	3650.2
12972.0	65°	11934.4	10896.7	9995.4	9094.1	8954.3	8814.4	8107.4	7400.4	5266.4	3132.4
12209.7	67.5°	11167.6	10125.5	9186.5	8247.4	8181.9	8116.3	7443.9	6771.5	4678.9	2586.4
11010.4	70°	10113.6	9216.8	8377.1	7537.3	7508.0	7478.7	6747.2	6015.8	4037.9	2060.1
9493.5	72.5°	8821.9	8150.2	7493.2	6836.2	6815.1	6794.1	5954.7	5115.4	3343.1	1570.8
7837.6	75°	7364.8	6892.0	6380.8	5869.6	5791.7	5713.7	4845.0	3976.3	2546.5	1116.7
6134.0	77.5°	5798.6	5463.2	5074.7	4686.1	4574.4	4462.8	3651.9	2841.0	1782.3	723.6
4440.2	80°	4264.2	4088.1	3794.7	3501.2	3362.5	3223.8	2541.6	1859.4	1148.3	437.2
2874.6	82.5°	2801.2	2727.7	2525.7	2323.7	2168.7	2013.7	1547.3	1080.9	664.6	248.4
1649.6	85°	1607.9	1566.2	1400.2	1234.3	1102.4	970.6	723.1	475.6	299.0	122.4
633.7	87.5°	630.2	626.7	543.7	460.7	387.2	313.6	230.4	147.2	97.9	48.6
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°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1873.9	2.5°	1858.3	1842.5	1826.8	1811.7	1796.6	1782.1	1765.8	1752.7	1739.6	1727.8
1966.0	5°	1933.6	1900.9	1868.3	1837.9	1807.4	1778.6	1750.2	1725.4	1700.6	1679.8
2051.8	7.5°	2002.2	1953.9	1905.6	1863.1	1820.6	1781.4	1744.6	1711.6	1678.7	1651.3
2118.7	10°	2053.2	1994.6	1935.9	1885.7	1835.3	1786.8	1747.3	1712.6	1677.8	1650.4
2164.8	12.5°	2090.5	2021.4	1952.2	1895.3	1838.4	1787.5	1750.8	1722.3	1693.9	1675.7
2193.5	15°	2113.0	2033.4	1953.7	1887.8	1822.0	1765.6	1736.2	1722.5	1709.0	1711.5
2207.3	17.5°	2119.4	2027.0	1934.5	1855.3	1776.1	1709.8	1691.7	1696.7	1701.6	1731.4
2218.0	20°	2121.5	2009.5	1897.4	1799.2	1701.0	1623.9	1619.1	1642.4	1665.6	1717.5
2232.5	22.5°	2124.2	1988.0	1851.7	1733.4	1615.2	1527.3	1536.7	1571.2	1605.6	1664.8
2258.8	25°	2135.0	1966.7	1798.5	1660.0	1521.5	1431.5	1456.8	1496.5	1536.2	1589.4
2299.9	27.5°	2157.6	1952.6	1747.5	1592.8	1438.1	1356.1	1387.0	1425.3	1463.6	1507.4
2353.1	30°	2188.6	1945.9	1703.1	1536.6	1370.2	1301.4	1325.5	1355.9	1386.5	1422.8
2408.7	32.5°	2215.3	1937.7	1660.0	1488.2	1316.4	1261.0	1271.7	1289.7	1307.7	1336.7
2471.9	35°	2234.9	1922.2	1609.7	1440.6	1271.6	1225.4	1220.9	1225.8	1230.8	1252.9
2542.8	37.5°	2246.5	1895.7	1544.9	1384.6	1224.3	1183.9	1167.6	1162.2	1156.7	1172.6
2632.8	40°	2253.8	1859.2	1464.7	1317.8	1170.9	1134.3	1109.3	1096.9	1084.5	1095.9
2750.5	42.5°	2267.7	1821.6	1375.5	1244.0	1112.6	1078.8	1047.3	1030.9	1014.5	1023.8
2905.4	45°	2292.2	1786.6	1281.0	1165.7	1050.4	1016.2	985.7	969.7	953.7	961.5
3070.4	47.5°	2309.0	1757.7	1206.4	1103.7	1001.1	956.9	930.7	917.3	903.9	911.3
3223.5	50°	2298.0	1726.2	1154.3	1062.6	970.8	912.8	882.3	870.4	858.5	870.0
3322.9	52.5°	2230.6	1673.0	1115.5	1035.5	955.6	888.8	846.2	834.4	822.7	840.0
3301.0	55°	2091.2	1584.8	1078.3	1015.8	953.3	891.2	827.0	808.4	789.9	814.4
3146.8	57.5°	1884.1	1460.4	1036.7	992.5	948.4	893.6	815.5	788.4	761.3	787.7
2859.8	60°	1606.3	1299.0	991.6	956.9	922.2	886.1	804.7	769.6	734.4	757.6
2471.8	62.5°	1293.3	1105.7	918.1	895.0	872.0	867.6	792.1	748.2	704.3	719.0
2075.9	65°	1019.5	931.9	844.3	833.4	822.5	823.1	765.5	718.8	672.1	677.8
1688.0	67.5°	789.6	764.8	739.9	746.0	752.0	750.5	718.2	679.3	640.4	638.6
1329.1	70°	598.1	605.2	612.3	640.5	668.7	668.7	658.0	630.4	602.7	596.6
1016.1	72.5°	461.4	482.8	504.3	544.3	584.2	590.9	591.1	572.1	553.1	544.1
737.5	75°	358.3	377.7	397.2	441.9	486.7	517.7	515.1	500.5	485.8	477.2
499.7	77.5°	275.8	289.0	302.3	345.8	389.3	440.3	438.9	427.2	415.5	406.7
322.0	80°	206.8	212.3	217.7	254.6	291.4	352.3	352.1	342.3	332.4	325.1
198.0	82.5°	147.8	148.7	149.8	176.9	204.1	256.1	259.0	254.2	249.4	244.2
105.9	85°	89.4	88.9	88.3	108.2	128.0	166.7	170.5	165.4	160.2	154.4
43.9	87.5°	39.2	38.7	38.2	46.3	54.4	70.5	75.3	73.3	71.2	70.1
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1716.0	2.5°	1705.6	1695.3	1684.9	1674.5	1666.5	1658.5	1652.0	1645.4	1640.4	1635.3
1659.0	5°	1640.7	1622.3	1605.7	1589.0	1576.1	1563.3	1554.3	1545.3	1539.0	1532.6
1623.9	7.5°	1600.8	1577.7	1557.3	1536.9	1521.6	1506.4	1495.8	1485.1	1477.8	1470.5
1623.0	10°	1598.1	1573.2	1550.3	1527.3	1509.1	1490.8	1478.9	1466.9	1459.9	1453.0
1657.6	12.5°	1638.1	1618.6	1594.8	1571.2	1547.9	1524.6	1509.2	1493.8	1486.0	1478.4
1713.9	15°	1708.9	1703.8	1683.2	1662.6	1629.4	1596.3	1572.9	1549.4	1538.7	1528.0
1761.3	17.5°	1777.2	1793.0	1776.4	1759.8	1715.9	1672.0	1637.5	1603.0	1587.1	1571.2
1769.4	20°	1802.6	1835.8	1828.1	1820.4	1770.2	1720.1	1677.8	1635.5	1615.2	1594.8
1724.1	22.5°	1767.3	1810.5	1815.1	1819.7	1771.8	1723.8	1680.3	1636.7	1615.2	1593.7
1642.7	25°	1685.2	1727.8	1743.6	1759.5	1720.2	1680.9	1642.2	1603.5	1584.9	1566.4
1551.1	27.5°	1585.2	1619.3	1637.0	1654.7	1626.7	1598.7	1568.7	1538.6	1526.2	1513.6
1459.1	30°	1487.3	1515.7	1530.1	1544.4	1523.2	1501.8	1480.3	1458.6	1452.3	1445.8
1365.7	32.5°	1392.8	1420.0	1436.0	1452.0	1432.4	1412.8	1395.6	1378.4	1374.2	1370.0
1275.0	35°	1301.8	1328.8	1347.9	1367.1	1353.1	1339.2	1323.3	1307.5	1301.2	1294.9
1188.4	37.5°	1215.2	1242.0	1265.7	1289.4	1282.9	1276.5	1261.9	1247.3	1235.7	1224.2
1107.4	40°	1133.3	1159.1	1186.4	1213.7	1215.3	1216.8	1204.4	1192.0	1175.2	1158.5
1033.1	42.5°	1057.7	1082.2	1111.7	1141.1	1149.0	1156.9	1146.4	1136.0	1115.1	1094.2
969.5	45°	992.7	1016.0	1046.6	1077.1	1088.4	1099.7	1090.3	1080.9	1057.0	1033.1
918.6	47.5°	941.4	964.1	994.3	1024.4	1037.4	1050.4	1043.8	1037.3	1016.0	994.8
881.6	50°	903.1	924.5	951.5	978.5	995.2	1011.9	1011.5	1011.2	994.3	977.3
857.3	52.5°	877.0	896.7	921.8	947.0	966.8	986.6	990.1	993.7	979.9	966.0
839.0	55°	860.2	881.4	903.5	925.4	946.4	967.4	972.3	977.3	965.2	953.2
814.2	57.5°	839.1	864.0	885.8	907.6	928.8	949.9	954.9	959.9	947.7	935.5
780.7	60°	809.4	838.0	860.1	882.3	903.5	924.8	930.2	935.7	923.8	911.9
733.7	62.5°	767.1	800.5	824.1	847.7	867.2	886.6	891.9	897.2	886.4	875.7
683.4	65°	719.1	754.9	777.5	800.1	817.2	834.4	839.8	845.1	834.8	824.4
636.8	67.5°	669.8	702.9	724.3	745.7	760.5	775.3	780.5	785.7	776.2	766.8
590.4	70°	619.4	648.5	666.9	685.4	698.8	712.1	717.2	722.3	714.5	706.8
535.1	72.5°	558.0	580.8	597.5	614.2	627.3	640.4	646.4	652.4	646.0	639.6
468.5	75°	485.5	502.5	517.6	532.7	544.6	556.6	562.9	569.2	566.0	562.9
398.0	77.5°	411.8	425.6	438.6	451.6	464.1	476.6	482.5	488.4	484.0	479.5
317.7	80°	329.2	340.7	351.6	362.6	372.1	381.5	389.3	397.2	395.2	393.4
239.0	82.5°	238.0	237.1	233.2	229.4	249.7	269.9	283.2	296.5	295.7	294.8
148.6	85°	143.7	138.7	128.0	117.4	136.4	155.4	171.9	188.3	186.9	185.6
69.0	87.5°	68.8	68.6	60.5	52.4	60.3	68.3	75.0	81.6	80.0	78.2
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1630.7	2.5°	1625.9	1620.1	1625.9	1630.7	1635.3	1640.4	1645.4	1652.0	1658.5	1666.5
1527.7	5°	1522.9	1518.1	1522.9	1527.7	1532.6	1539.0	1545.3	1554.3	1563.3	1576.1
1466.1	7.5°	1461.8	1458.5	1461.8	1466.1	1470.5	1477.8	1485.1	1495.8	1506.4	1521.6
1449.3	10°	1445.6	1444.1	1445.6	1449.3	1453.0	1459.9	1466.9	1478.9	1490.8	1509.1
1475.2	12.5°	1472.1	1471.5	1472.1	1475.2	1478.4	1486.0	1493.8	1509.2	1524.6	1547.9
1523.9	15°	1519.8	1519.5	1519.8	1523.9	1528.0	1538.7	1549.4	1572.9	1596.3	1629.4
1565.9	17.5°	1560.7	1559.9	1560.7	1565.9	1571.2	1587.1	1603.0	1637.5	1672.0	1715.9
1588.3	20°	1581.8	1579.7	1581.8	1588.3	1594.8	1615.2	1635.5	1677.8	1720.1	1770.2
1586.6	22.5°	1579.4	1576.3	1579.4	1586.6	1593.7	1615.2	1636.7	1680.3	1723.8	1771.8
1559.6	25°	1552.9	1548.9	1552.9	1559.6	1566.4	1584.9	1603.5	1642.2	1680.9	1720.2
1510.6	27.5°	1507.5	1506.4	1507.5	1510.6	1513.6	1526.2	1538.6	1568.7	1598.7	1626.7
1445.8	30°	1445.8	1446.9	1445.8	1445.8	1445.8	1452.3	1458.6	1480.3	1501.8	1523.2
1370.6	32.5°	1371.2	1372.2	1371.2	1370.6	1370.0	1374.2	1378.4	1395.6	1412.8	1432.4
1293.5	35°	1292.1	1291.4	1292.1	1293.5	1294.9	1301.2	1307.5	1323.3	1339.2	1353.1
1218.1	37.5°	1212.0	1208.6	1212.0	1218.1	1224.2	1235.7	1247.3	1261.9	1276.5	1282.9
1147.1	40°	1135.9	1129.1	1135.9	1147.1	1158.5	1175.2	1192.0	1204.4	1216.8	1215.3
1077.7	42.5°	1061.2	1050.4	1061.2	1077.7	1094.2	1115.1	1136.0	1146.4	1156.9	1149.0
1013.8	45°	994.4	981.9	994.4	1013.8	1033.1	1057.0	1080.9	1090.3	1099.7	1088.4
976.9	47.5°	959.0	947.0	959.0	976.9	994.8	1016.0	1037.3	1043.8	1050.4	1037.4
960.7	50°	944.1	932.6	944.1	960.7	977.3	994.3	1011.2	1011.5	1011.9	995.2
951.2	52.5°	936.4	925.8	936.4	951.2	966.0	979.9	993.7	990.1	986.6	966.8
940.2	55°	927.1	917.6	927.1	940.2	953.2	965.2	977.3	972.3	967.4	946.4
922.6	57.5°	909.7	899.8	909.7	922.6	935.5	947.7	959.9	954.9	949.9	928.8
898.7	60°	885.4	875.1	885.4	898.7	911.9	923.8	935.7	930.2	924.8	903.5
861.7	62.5°	847.7	835.4	847.7	861.7	875.7	886.4	897.2	891.9	886.6	867.2
810.9	65°	797.4	786.8	797.4	810.9	824.4	834.8	845.1	839.8	834.4	817.2
754.2	67.5°	741.6	732.0	741.6	754.2	766.8	776.2	785.7	780.5	775.3	760.5
694.7	70°	682.7	671.7	682.7	694.7	706.8	714.5	722.3	717.2	712.1	698.8
628.0	72.5°	616.6	606.0	616.6	628.0	639.6	646.0	652.4	646.4	640.4	627.3
553.2	75°	543.6	533.4	543.6	553.2	562.9	566.0	569.2	562.9	556.6	544.6
469.7	77.5°	460.0	451.9	460.0	469.7	479.5	484.0	488.4	482.5	476.6	464.1
380.3	80°	367.2	352.0	367.2	380.3	393.4	395.2	397.2	389.3	381.5	372.1
283.8	82.5°	272.7	262.9	272.7	283.8	294.8	295.7	296.5	283.2	269.9	249.7
176.9	85°	168.3	159.5	168.3	176.9	185.6	186.9	188.3	171.9	155.4	136.4
73.8	87.5°	69.3	65.1	69.3	73.8	78.2	80.0	81.6	75.0	68.3	60.3
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°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1674.5	2.5°	1684.9	1695.3	1705.6	1716.0	1727.8	1739.6	1752.7	1765.8	1782.1	1796.6
1589.0	5°	1605.7	1622.3	1640.7	1659.0	1679.8	1700.6	1725.4	1750.2	1778.6	1807.4
1536.9	7.5°	1557.3	1577.7	1600.8	1623.9	1651.3	1678.7	1711.6	1744.6	1781.4	1820.6
1527.3	10°	1550.3	1573.2	1598.1	1623.0	1650.4	1677.8	1712.6	1747.3	1786.8	1835.3
1571.2	12.5°	1594.8	1618.6	1638.1	1657.6	1675.7	1693.9	1722.3	1750.8	1787.5	1838.4
1662.6	15°	1683.2	1703.8	1708.9	1713.9	1711.5	1709.0	1722.5	1736.2	1765.6	1822.0
1759.8	17.5°	1776.4	1793.0	1777.2	1761.3	1731.4	1701.6	1696.7	1691.7	1709.8	1776.1
1820.4	20°	1828.1	1835.8	1802.6	1769.4	1717.5	1665.6	1642.4	1619.1	1623.9	1701.0
1819.7	22.5°	1815.1	1810.5	1767.3	1724.1	1664.8	1605.6	1571.2	1536.7	1527.3	1615.2
1759.5	25°	1743.6	1727.8	1685.2	1642.7	1589.4	1536.2	1496.5	1456.8	1431.5	1521.5
1654.7	27.5°	1637.0	1619.3	1585.2	1551.1	1507.4	1463.6	1425.3	1387.0	1356.1	1438.1
1544.4	30°	1530.1	1515.7	1487.3	1459.1	1422.8	1386.5	1355.9	1325.5	1301.4	1370.2
1452.0	32.5°	1436.0	1420.0	1392.8	1365.7	1336.7	1307.7	1289.7	1271.7	1261.0	1316.4
1367.1	35°	1347.9	1328.8	1301.8	1275.0	1252.9	1230.8	1225.8	1220.9	1225.4	1271.6
1289.4	37.5°	1265.7	1242.0	1215.2	1188.4	1172.6	1156.7	1162.2	1167.6	1183.9	1224.3
1213.7	40°	1186.4	1159.1	1133.3	1107.4	1095.9	1084.5	1096.9	1109.3	1134.3	1170.9
1141.1	42.5°	1111.7	1082.2	1057.7	1033.1	1023.8	1014.5	1030.9	1047.3	1078.8	1112.6
1077.1	45°	1046.6	1016.0	992.7	969.5	961.5	953.7	969.7	985.7	1016.2	1050.4
1024.4	47.5°	994.3	964.1	941.4	918.6	911.3	903.9	917.3	930.7	956.9	1001.1
978.5	50°	951.5	924.5	903.1	881.6	870.0	858.5	870.4	882.3	912.8	970.8
947.0	52.5°	921.8	896.7	877.0	857.3	840.0	822.7	834.4	846.2	888.8	955.6
925.4	55°	903.5	881.4	860.2	839.0	814.4	789.9	808.4	827.0	891.2	953.3
907.6	57.5°	885.8	864.0	839.1	814.2	787.7	761.3	788.4	815.5	893.6	948.4
882.3	60°	860.1	838.0	809.4	780.7	757.6	734.4	769.6	804.7	886.1	922.2
847.7	62.5°	824.1	800.5	767.1	733.7	719.0	704.3	748.2	792.1	867.6	872.0
800.1	65°	777.5	754.9	719.1	683.4	677.8	672.1	718.8	765.5	823.1	822.5
745.7	67.5°	724.3	702.9	669.8	636.8	638.6	640.4	679.3	718.2	750.5	752.0
685.4	70°	666.9	648.5	619.4	590.4	596.6	602.7	630.4	658.0	668.7	668.7
614.2	72.5°	597.5	580.8	558.0	535.1	544.1	553.1	572.1	591.1	590.9	584.2
532.7	75°	517.6	502.5	485.5	468.5	477.2	485.8	500.5	515.1	517.7	486.7
451.6	77.5°	438.6	425.6	411.8	398.0	406.7	415.5	427.2	438.9	440.3	389.3
362.6	80°	351.6	340.7	329.2	317.7	325.1	332.4	342.3	352.1	352.3	291.4
229.4	82.5°	233.2	237.1	238.0	239.0	244.2	249.4	254.2	259.0	256.1	204.1
117.4	85°	128.0	138.7	143.7	148.6	154.4	160.2	165.4	170.5	166.7	128.0
52.4	87.5°	60.5	68.6	68.8	69.0	70.1	71.2	73.3	75.3	70.5	54.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1784.4	0°	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4	1784.4
1811.7	2.5°	1826.8	1842.5	1858.3	1873.9	1889.6	1904.3	1919.0
1837.9	5°	1868.3	1900.9	1933.6	1966.0	1998.4	2031.0	2063.5
1863.1	7.5°	1905.6	1953.9	2002.2	2051.8	2101.3	2155.0	2208.6
1885.7	10°	1935.9	1994.6	2053.2	2118.7	2184.2	2252.1	2319.9
1895.3	12.5°	1952.2	2021.4	2090.5	2164.8	2239.0	2313.5	2388.1
1887.8	15°	1953.7	2033.4	2113.0	2193.5	2274.0	2351.8	2429.5
1855.3	17.5°	1934.5	2027.0	2119.4	2207.3	2295.1	2373.9	2452.8
1799.2	20°	1897.4	2009.5	2121.5	2218.0	2314.6	2396.5	2478.4
1733.4	22.5°	1851.7	1988.0	2124.2	2232.5	2340.8	2424.6	2508.2
1660.0	25°	1798.5	1966.7	2135.0	2258.8	2382.6	2464.5	2546.6
1592.8	27.5°	1747.5	1952.6	2157.6	2299.9	2442.1	2520.4	2598.6
1536.6	30°	1703.1	1945.9	2188.6	2353.1	2517.7	2593.2	2668.8
1488.2	32.5°	1660.0	1937.7	2215.3	2408.7	2602.0	2676.8	2751.7
1440.6	35°	1609.7	1922.2	2234.9	2471.9	2709.0	2780.7	2852.3
1384.6	37.5°	1544.9	1895.7	2246.5	2542.8	2839.1	2930.4	3021.8
1317.8	40°	1464.7	1859.2	2253.8	2632.8	3011.7	3144.8	3277.9
1244.0	42.5°	1375.5	1821.6	2267.7	2750.5	3233.2	3425.4	3617.5
1165.7	45°	1281.0	1786.6	2292.2	2905.4	3518.6	3777.7	4036.9
1103.7	47.5°	1206.4	1757.7	2309.0	3070.4	3831.8	4196.7	4561.4
1062.6	50°	1154.3	1726.2	2298.0	3223.5	4149.0	4699.0	5248.9
1035.5	52.5°	1115.5	1673.0	2230.6	3322.9	4415.2	5226.7	6038.1
1015.8	55°	1078.3	1584.8	2091.2	3301.0	4510.8	5694.5	6878.3
992.5	57.5°	1036.7	1460.4	1884.1	3146.8	4409.6	6026.0	7642.5
956.9	60°	991.6	1299.0	1606.3	2859.8	4113.4	6108.9	8104.3
895.0	62.5°	918.1	1105.7	1293.3	2471.8	3650.2	5760.0	7869.8
833.4	65°	844.3	931.9	1019.5	2075.9	3132.4	5266.4	7400.4
746.0	67.5°	739.9	764.8	789.6	1688.0	2586.4	4678.9	6771.5
640.5	70°	612.3	605.2	598.1	1329.1	2060.1	4037.9	6015.8
544.3	72.5°	504.3	482.8	461.4	1016.1	1570.8	3343.1	5115.4
441.9	75°	397.2	377.7	358.3	737.5	1116.7	2546.5	3976.3
345.8	77.5°	302.3	289.0	275.8	499.7	723.6	1782.3	2841.0
254.6	80°	217.7	212.3	206.8	322.0	437.2	1148.3	1859.4
176.9	82.5°	149.8	148.7	147.8	198.0	248.4	664.6	1080.9
108.2	85°	88.3	88.9	89.4	105.9	122.4	299.0	475.6
46.3	87.5°	38.2	38.7	39.2	43.9	48.6	97.9	147.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)