

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: P948662

Luminaire Tested: **GALN-SB3C-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948662  
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-SB3C-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

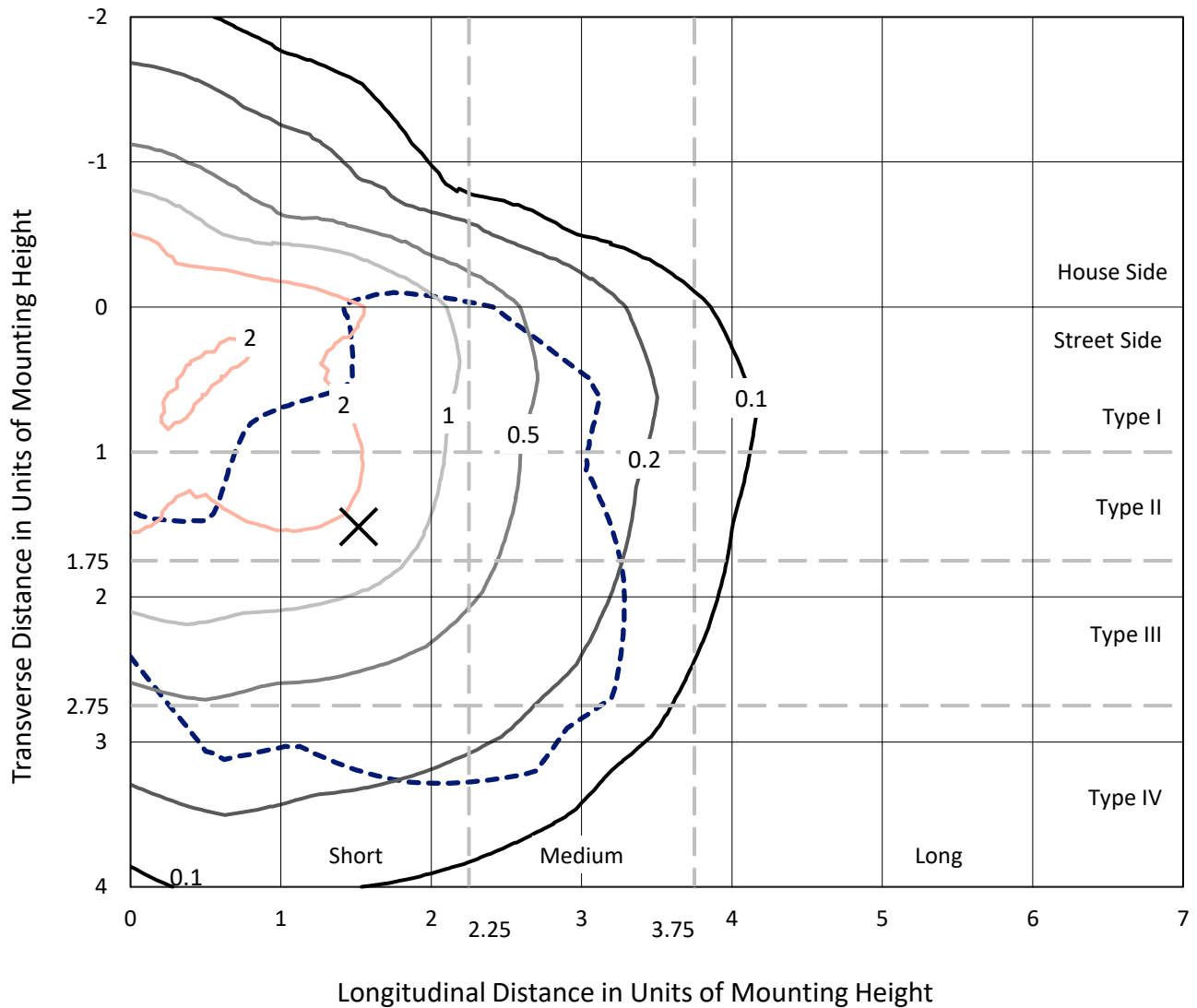
Lumens per Lamp: N/A  
Luminaire Lumens: 13628 lumens  
Efficiency: N/A  
Efficacy: 91.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

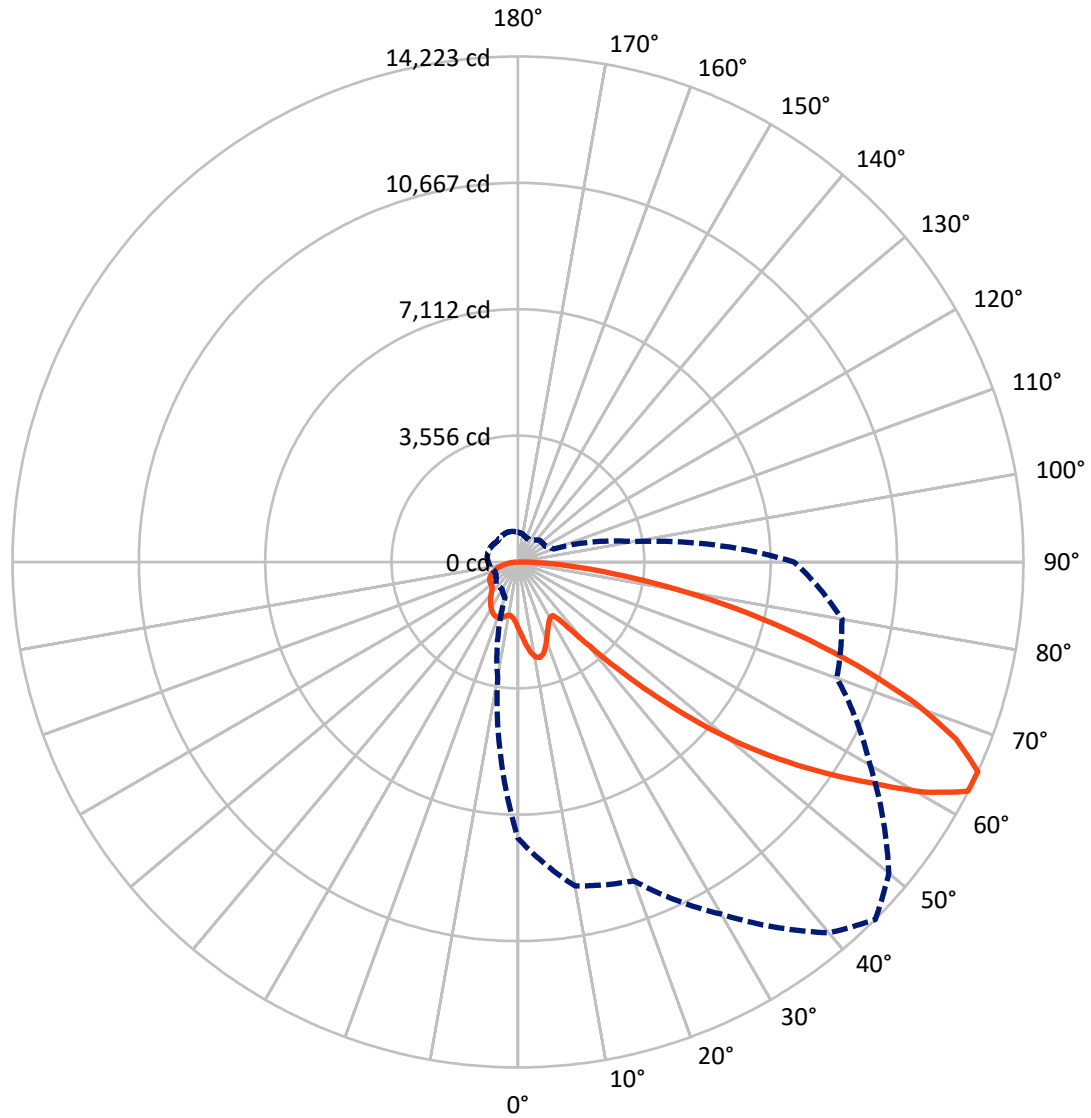
✕ Max cd  
 - - - 1/2 Max cd



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



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3463.6	0.0	3463.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	10164.4	0.0	10164.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	13628.0	0.0	13628.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	185.9	1.4
10°-20°	583.6	4.3
20°-30°	901.4	6.6
30°-40°	1142.3	8.4
40°-50°	1722.9	12.6
50°-60°	2783.6	20.4
60°-70°	3470.2	25.5
70°-80°	2275.6	16.7
80°-90°	562.6	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°	13628.0	100.0
0°-180°	13628.0	100.0

**Coefficient of Utilization**



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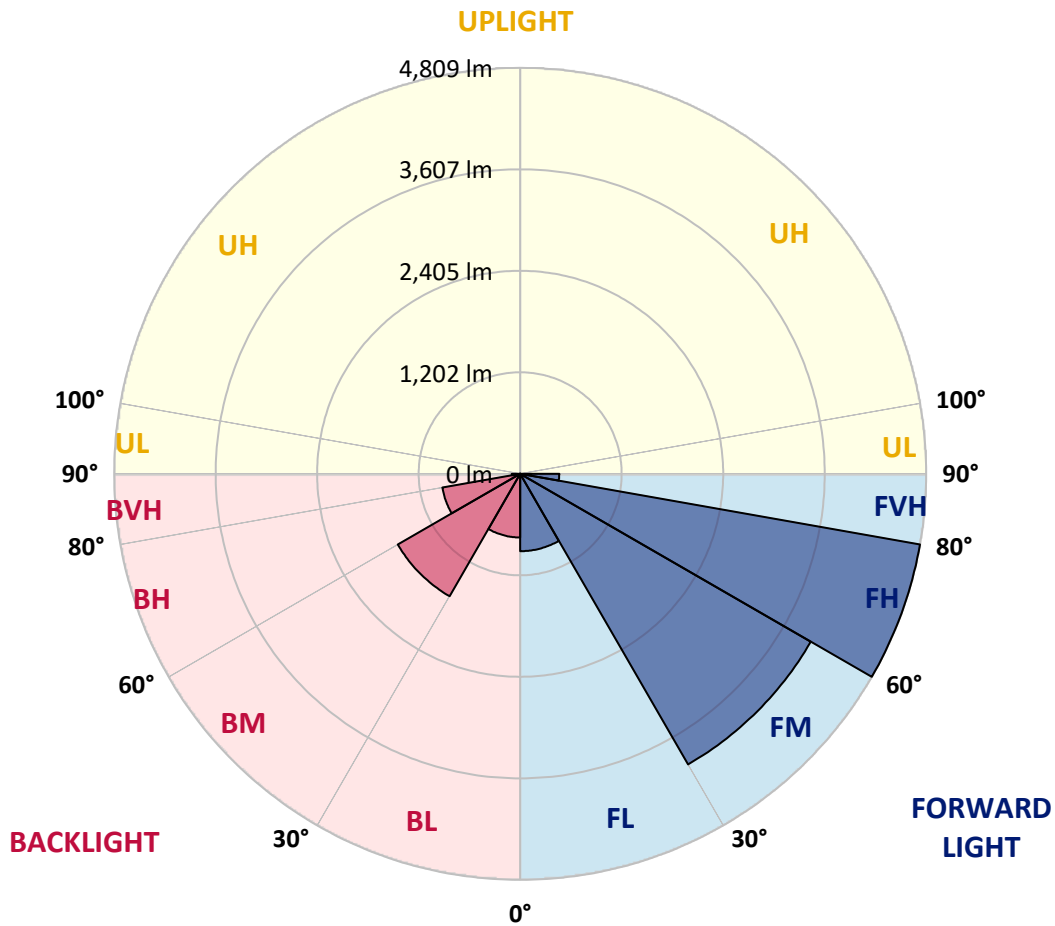
CATALOG NUMBER: GALN-SB3C-927-U-SLL

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	916.6	6.7			
FM (30°-60°)	3975.0	29.2			
FH (60°-80°)	4809.4	35.3			G2/5000
FVH (80°-90°)	463.4	3.4			G3/500
BL (0°-30°)	754.2	5.5	B2/1000		
BM (30°-60°)	1673.8	12.3	B2/2500		
BH (60°-80°)	936.4	6.9	B2/1000		G2/1000
BVH (80°-90°)	99.1	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°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
2.5°	2015.3	2022.9	2030.6	2041.4	2052.3	2058.8	2065.2	2068.5	2071.7	2070.3
5°	2167.0	2193.7	2220.4	2246.9	2273.4	2287.8	2302.2	2310.9	2319.7	2326.3
7.5°	2319.4	2362.9	2406.2	2445.3	2484.3	2507.9	2531.4	2544.1	2556.8	2562.9
10°	2436.3	2487.6	2539.0	2584.8	2630.6	2658.4	2686.0	2698.3	2710.6	2715.3
12.5°	2507.9	2563.5	2619.1	2660.5	2701.8	2721.9	2742.1	2748.8	2755.6	2756.3
15°	2551.4	2599.4	2647.4	2673.3	2699.3	2700.1	2700.8	2693.6	2686.4	2677.9
17.5°	2575.8	2608.2	2640.7	2641.2	2641.6	2612.5	2583.4	2556.7	2529.9	2511.1
20°	2602.8	2614.1	2625.4	2591.3	2557.1	2492.8	2428.5	2381.7	2334.9	2306.1
22.5°	2634.1	2619.2	2604.4	2533.7	2462.9	2368.3	2273.8	2215.3	2156.7	2124.9
25°	2674.3	2627.6	2580.8	2473.4	2366.0	2251.1	2136.3	2074.7	2013.3	1983.3
27.5°	2729.0	2645.4	2561.8	2419.5	2277.2	2150.0	2022.7	1962.1	1901.7	1873.2
30°	2802.7	2678.1	2553.5	2378.3	2203.2	2070.6	1938.0	1881.8	1825.6	1799.2
32.5°	2889.7	2719.1	2548.5	2350.3	2152.1	2027.5	1902.9	1858.8	1814.6	1795.6
35°	2995.4	2786.6	2577.8	2371.3	2164.8	2078.3	1991.8	1981.5	1971.2	1969.6
37.5°	3173.4	2927.7	2682.1	2494.4	2306.7	2301.1	2295.5	2342.5	2389.6	2414.0
40°	3442.3	3175.2	2908.0	2768.5	2628.9	2727.4	2825.9	2940.2	3054.6	3111.5
42.5°	3799.0	3533.9	3268.9	3188.5	3108.1	3322.9	3537.8	3745.8	3953.7	4075.8
45°	4239.4	4001.3	3763.2	3727.7	3692.2	4036.4	4380.7	4722.5	5064.2	5271.7
47.5°	4790.3	4558.6	4327.0	4319.8	4312.6	4809.2	5305.6	5805.9	6306.1	6599.9
50°	5512.2	5226.1	4940.1	4941.3	4942.5	5582.5	6222.5	6882.8	7543.2	7942.4
52.5°	6341.0	5994.5	5648.1	5613.1	5578.0	6342.5	7107.0	7924.0	8741.0	9219.5
55°	7223.3	6881.0	6538.8	6402.2	6265.6	7116.5	7967.2	8941.3	9915.3	10484.4
57.5°	8025.8	7839.5	7653.0	7379.1	7105.3	7964.4	8823.5	9926.7	11029.9	11735.7
60°	8510.9	8800.4	9090.0	8749.8	8409.7	9222.7	10035.7	11216.9	12398.1	13160.9
62.5°	8264.6	9055.7	9846.7	9808.4	9770.0	10514.8	11259.6	12383.4	13507.2	14212.2
65°	7771.6	8514.1	9256.6	9403.5	9550.3	10496.8	11443.4	12533.1	13622.7	14223.0
67.5°	7111.2	7817.3	8523.5	8592.3	8661.2	9647.3	10633.4	11727.8	12822.2	13292.5
70°	6317.6	7085.7	7853.8	7884.6	7915.5	8797.4	9679.2	10621.0	11562.7	11824.1
72.5°	5372.0	6253.4	7134.9	7157.0	7179.1	7869.1	8559.1	9264.4	9969.7	9996.2
75°	4175.8	5088.0	6000.3	6082.2	6164.1	6700.9	7237.7	7734.3	8230.8	8097.8
77.5°	2983.5	3835.1	4686.7	4803.9	4921.1	5329.2	5737.3	6089.5	6441.7	6213.0
80°	1952.7	2669.1	3385.5	3531.2	3676.9	3985.1	4293.2	4478.1	4663.0	4295.2
82.5°	1135.1	1624.9	2114.7	2277.5	2440.3	2652.4	2864.5	2941.7	3018.8	2729.7
85°	499.4	759.4	1019.3	1157.7	1296.2	1470.5	1644.7	1688.5	1732.3	1500.8
87.5°	154.6	242.0	329.3	406.6	483.8	571.0	658.1	661.9	665.5	558.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
2071.7	2.5°	2068.5	2065.2	2058.8	2052.3	2041.4	2030.6	2022.9	2015.3	1999.8	1984.3
2319.7	5°	2310.9	2302.2	2287.8	2273.4	2246.9	2220.4	2193.7	2167.0	2132.8	2098.7
2556.8	7.5°	2544.1	2531.4	2507.9	2484.3	2445.3	2406.2	2362.9	2319.4	2263.1	2206.8
2710.6	10°	2698.3	2686.0	2658.4	2630.6	2584.8	2539.0	2487.6	2436.3	2365.0	2293.8
2755.6	12.5°	2748.8	2742.1	2721.9	2701.8	2660.5	2619.1	2563.5	2507.9	2429.5	2351.3
2686.4	15°	2693.6	2700.8	2700.1	2699.3	2673.3	2647.4	2599.4	2551.4	2469.7	2388.1
2529.9	17.5°	2556.7	2583.4	2612.5	2641.6	2641.2	2640.7	2608.2	2575.8	2493.0	2410.3
2334.9	20°	2381.7	2428.5	2492.8	2557.1	2591.3	2625.4	2614.1	2602.8	2516.8	2430.7
2156.7	22.5°	2215.3	2273.8	2368.3	2462.9	2533.7	2604.4	2619.2	2634.1	2546.2	2458.2
2013.3	25°	2074.7	2136.3	2251.1	2366.0	2473.4	2580.8	2627.6	2674.3	2588.2	2502.1
1901.7	27.5°	1962.1	2022.7	2150.0	2277.2	2419.5	2561.8	2645.4	2729.0	2646.9	2564.7
1825.6	30°	1881.8	1938.0	2070.6	2203.2	2378.3	2553.5	2678.1	2802.7	2723.3	2644.0
1814.6	32.5°	1858.8	1902.9	2027.5	2152.1	2350.3	2548.5	2719.1	2889.7	2811.1	2732.6
1971.2	35°	1981.5	1991.8	2078.3	2164.8	2371.3	2577.8	2786.6	2995.4	2920.2	2844.9
2389.6	37.5°	2342.5	2295.5	2301.1	2306.7	2494.4	2682.1	2927.7	3173.4	3077.4	2981.5
3054.6	40°	2940.2	2825.9	2727.4	2628.9	2768.5	2908.0	3175.2	3442.3	3302.5	3162.7
3953.7	42.5°	3745.8	3537.8	3322.9	3108.1	3188.5	3268.9	3533.9	3799.0	3597.2	3395.4
5064.2	45°	4722.5	4380.7	4036.4	3692.2	3727.7	3763.2	4001.3	4239.4	3967.3	3695.1
6306.1	47.5°	5805.9	5305.6	4809.2	4312.6	4319.8	4327.0	4558.6	4790.3	4407.2	4024.1
7543.2	50°	6882.8	6222.5	5582.5	4942.5	4941.3	4940.1	5226.1	5512.2	4934.7	4357.2
8741.0	52.5°	7924.0	7107.0	6342.5	5578.0	5613.1	5648.1	5994.5	6341.0	5488.9	4636.7
9915.3	55°	8941.3	7967.2	7116.5	6265.6	6402.2	6538.8	6881.0	7223.3	5980.2	4737.1
11029.9	57.5°	9926.7	8823.5	7964.4	7105.3	7379.1	7653.0	7839.5	8025.8	6328.3	4630.8
12398.1	60°	11216.9	10035.7	9222.7	8409.7	8749.8	9090.0	8800.4	8510.9	6415.4	4319.8
13507.2	62.5°	12383.4	11259.6	10514.8	9770.0	9808.4	9846.7	9055.7	8264.6	6049.0	3833.4
13622.7	65°	12533.1	11443.4	10496.8	9550.3	9403.5	9256.6	8514.1	7771.6	5530.6	3289.5
12822.2	67.5°	11727.8	10633.4	9647.3	8661.2	8592.3	8523.5	7817.3	7111.2	4913.7	2716.2
11562.7	70°	10621.0	9679.2	8797.4	7915.5	7884.6	7853.8	7085.7	6317.6	4240.5	2163.4
9969.7	72.5°	9264.4	8559.1	7869.1	7179.1	7157.0	7134.9	6253.4	5372.0	3510.8	1649.6
8230.8	75°	7734.3	7237.7	6700.9	6164.1	6082.2	6000.3	5088.0	4175.8	2674.3	1172.7
6441.7	77.5°	6089.5	5737.3	5329.2	4921.1	4803.9	4686.7	3835.1	2983.5	1871.7	759.9
4663.0	80°	4478.1	4293.2	3985.1	3676.9	3531.2	3385.5	2669.1	1952.7	1205.9	459.1
3018.8	82.5°	2941.7	2864.5	2652.4	2440.3	2277.5	2114.7	1624.9	1135.1	698.0	260.9
1732.3	85°	1688.5	1644.7	1470.5	1296.2	1157.7	1019.3	759.4	499.4	314.0	128.6
665.5	87.5°	661.9	658.1	571.0	483.8	406.6	329.3	242.0	154.6	102.8	51.1
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°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1967.9	2.5°	1951.5	1934.9	1918.4	1902.6	1886.8	1871.5	1854.4	1840.6	1826.9	1814.4
2064.6	5°	2030.6	1996.3	1962.1	1930.1	1898.1	1867.9	1838.0	1812.0	1785.9	1764.0
2154.7	7.5°	2102.6	2051.9	2001.2	1956.6	1911.9	1870.7	1832.1	1797.5	1762.9	1734.1
2225.0	10°	2156.2	2094.7	2033.0	1980.2	1927.3	1876.5	1835.0	1798.5	1761.9	1733.2
2273.4	12.5°	2195.4	2122.8	2050.1	1990.4	1930.6	1877.2	1838.6	1808.7	1778.9	1759.8
2303.6	15°	2219.0	2135.4	2051.7	1982.6	1913.4	1854.2	1823.3	1809.0	1794.7	1797.3
2318.0	17.5°	2225.7	2128.7	2031.6	1948.4	1865.2	1795.6	1776.5	1781.8	1787.0	1818.3
2329.3	20°	2227.9	2110.3	1992.6	1889.5	1786.4	1705.3	1700.3	1724.8	1749.2	1803.6
2344.5	22.5°	2230.8	2087.7	1944.6	1820.4	1696.2	1603.9	1613.8	1650.0	1686.1	1748.3
2372.2	25°	2242.1	2065.4	1888.7	1743.2	1597.8	1503.3	1529.9	1571.6	1613.3	1669.2
2415.3	27.5°	2265.9	2050.5	1835.1	1672.7	1510.2	1424.2	1456.5	1496.8	1537.1	1583.0
2471.2	30°	2298.4	2043.5	1788.5	1613.7	1438.9	1366.6	1392.0	1424.0	1456.0	1494.1
2529.5	32.5°	2326.4	2034.9	1743.2	1562.9	1382.5	1324.2	1335.5	1354.4	1373.3	1403.7
2595.9	35°	2347.0	2018.6	1690.5	1512.9	1335.4	1286.8	1282.2	1287.3	1292.6	1315.8
2670.4	37.5°	2359.2	1990.8	1622.4	1454.1	1285.7	1243.3	1226.2	1220.5	1214.7	1231.4
2764.9	40°	2366.9	1952.5	1538.1	1383.9	1229.7	1191.2	1164.9	1151.9	1138.9	1150.9
2888.5	42.5°	2381.5	1912.9	1444.5	1306.5	1168.4	1132.9	1099.9	1082.6	1065.3	1075.1
3051.1	45°	2407.2	1876.2	1345.3	1224.2	1103.1	1067.1	1035.1	1018.3	1001.6	1009.8
3224.4	47.5°	2424.8	1845.9	1266.9	1159.1	1051.3	1004.9	977.4	963.3	949.2	957.0
3385.2	50°	2413.3	1812.8	1212.3	1115.9	1019.5	958.6	926.6	914.0	901.6	913.7
3489.6	52.5°	2342.5	1756.9	1171.4	1087.4	1003.5	933.4	888.7	876.3	864.0	882.2
3466.6	55°	2196.1	1664.3	1132.4	1066.8	1001.1	935.9	868.5	849.0	829.5	855.3
3304.7	57.5°	1978.6	1533.7	1088.7	1042.3	995.9	938.4	856.4	828.0	799.5	827.2
3003.3	60°	1686.9	1364.1	1041.4	1004.9	968.5	930.5	845.1	808.2	771.2	795.6
2595.8	62.5°	1358.2	1161.2	964.2	939.9	915.8	911.1	831.9	785.7	739.6	755.1
2180.0	65°	1070.6	978.6	886.6	875.2	863.8	864.4	804.0	754.9	705.8	711.8
1772.7	67.5°	829.3	803.2	777.0	783.4	789.7	788.1	754.2	713.3	672.5	670.6
1395.8	70°	628.1	635.6	643.0	672.6	702.2	702.2	691.1	662.0	632.9	626.5
1067.1	72.5°	484.5	507.0	529.6	571.6	613.5	620.6	620.7	600.8	580.9	571.4
774.5	75°	376.2	396.7	417.1	464.1	511.1	543.6	540.9	525.6	510.2	501.1
524.8	77.5°	289.7	303.5	317.5	363.1	408.8	462.4	460.9	448.6	436.3	427.1
338.1	80°	217.2	222.9	228.7	267.4	306.0	370.0	369.8	359.5	349.1	341.4
208.0	82.5°	155.2	156.2	157.3	185.8	214.3	268.9	272.0	266.9	261.9	256.4
111.2	85°	93.8	93.3	92.8	113.6	134.5	175.1	179.1	173.7	168.3	162.2
46.1	87.5°	41.1	40.6	40.1	48.6	57.2	74.1	79.1	76.9	74.8	73.6
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1802.1	2.5°	1791.2	1780.3	1769.4	1758.6	1750.1	1741.7	1734.8	1728.0	1722.7	1717.3
1742.2	5°	1723.0	1703.7	1686.2	1668.7	1655.2	1641.7	1632.3	1622.9	1616.2	1609.5
1705.3	7.5°	1681.1	1656.8	1635.4	1614.0	1598.0	1582.0	1570.8	1559.6	1551.9	1544.3
1704.4	10°	1678.3	1652.1	1628.0	1603.9	1584.8	1565.6	1553.1	1540.5	1533.2	1525.9
1740.8	12.5°	1720.2	1699.8	1674.8	1650.0	1625.5	1601.1	1584.9	1568.7	1560.6	1552.5
1799.9	15°	1794.6	1789.3	1767.6	1746.0	1711.2	1676.4	1651.8	1627.2	1615.9	1604.7
1849.7	17.5°	1866.3	1883.0	1865.5	1848.1	1802.0	1755.9	1719.6	1683.4	1666.7	1650.0
1858.1	20°	1893.0	1927.9	1919.8	1911.7	1859.0	1806.4	1761.9	1717.6	1696.2	1674.8
1810.5	22.5°	1855.9	1901.3	1906.2	1911.0	1860.7	1810.3	1764.6	1718.8	1696.3	1673.7
1725.1	25°	1769.8	1814.4	1831.1	1847.7	1806.4	1765.2	1724.5	1684.0	1664.4	1644.9
1628.9	27.5°	1664.7	1700.5	1719.1	1737.7	1708.3	1678.9	1647.4	1615.8	1602.7	1589.6
1532.3	30°	1562.0	1591.7	1606.8	1621.9	1599.6	1577.1	1554.5	1531.8	1525.1	1518.4
1434.2	32.5°	1462.7	1491.3	1508.0	1524.8	1504.3	1483.6	1465.6	1447.5	1443.2	1438.8
1339.0	35°	1367.1	1395.4	1415.5	1435.7	1421.0	1406.4	1389.7	1373.1	1366.4	1359.8
1248.0	37.5°	1276.1	1304.3	1329.2	1354.1	1347.3	1340.5	1325.2	1309.8	1297.7	1285.6
1162.9	40°	1190.1	1217.3	1245.9	1274.6	1276.3	1277.8	1264.8	1251.8	1234.1	1216.6
1085.0	42.5°	1110.7	1136.5	1167.5	1198.4	1206.6	1214.9	1203.9	1193.0	1171.0	1149.1
1018.1	45°	1042.5	1067.0	1099.1	1131.1	1143.0	1154.9	1144.9	1135.1	1110.0	1085.0
964.7	47.5°	988.6	1012.5	1044.1	1075.8	1089.4	1103.1	1096.2	1089.3	1067.0	1044.7
925.8	50°	948.4	970.9	999.3	1027.6	1045.1	1062.7	1062.3	1062.0	1044.1	1026.3
900.3	52.5°	921.0	941.7	968.0	994.5	1015.3	1036.1	1039.8	1043.6	1029.0	1014.5
881.0	55°	903.3	925.6	948.8	971.9	993.9	1015.9	1021.1	1026.3	1013.6	1001.0
855.0	57.5°	881.2	907.4	930.2	953.2	975.4	997.5	1002.8	1008.0	995.2	982.4
819.9	60°	850.0	880.0	903.3	926.6	948.8	971.1	976.9	982.6	970.1	957.7
770.5	62.5°	805.5	840.6	865.4	890.2	910.7	931.1	936.6	942.2	930.9	919.6
717.7	65°	755.2	792.8	816.5	840.3	858.2	876.2	881.9	887.5	876.7	865.8
668.8	67.5°	703.4	738.2	760.7	783.1	798.6	814.2	819.7	825.2	815.2	805.2
620.0	70°	650.5	681.0	700.4	719.8	733.8	747.9	753.2	758.5	750.4	742.3
562.0	72.5°	586.0	609.9	627.5	645.0	658.8	672.5	678.8	685.2	678.4	671.6
492.0	75°	509.8	527.7	543.6	559.5	572.0	584.5	591.1	597.7	594.4	591.1
417.9	77.5°	432.5	446.9	460.6	474.2	487.4	500.5	506.7	512.9	508.3	503.5
333.7	80°	345.7	357.8	369.3	380.8	390.8	400.7	408.9	417.1	415.1	413.1
251.0	82.5°	250.0	249.0	244.9	240.9	262.2	283.5	297.4	311.4	310.5	309.6
156.0	85°	150.9	145.6	134.5	123.3	143.2	163.2	180.5	197.8	196.3	194.9
72.5	87.5°	72.3	72.1	63.6	55.0	63.4	71.8	78.7	85.7	84.0	82.1
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1712.5	2.5°	1707.5	1701.4	1707.5	1712.5	1717.3	1722.7	1728.0	1734.8	1741.7	1750.1
1604.4	5°	1599.3	1594.2	1599.3	1604.4	1609.5	1616.2	1622.9	1632.3	1641.7	1655.2
1539.7	7.5°	1535.1	1531.7	1535.1	1539.7	1544.3	1551.9	1559.6	1570.8	1582.0	1598.0
1522.0	10°	1518.2	1516.6	1518.2	1522.0	1525.9	1533.2	1540.5	1553.1	1565.6	1584.8
1549.2	12.5°	1545.9	1545.3	1545.9	1549.2	1552.5	1560.6	1568.7	1584.9	1601.1	1625.5
1600.4	15°	1596.0	1595.7	1596.0	1600.4	1604.7	1615.9	1627.2	1651.8	1676.4	1711.2
1644.5	17.5°	1639.0	1638.1	1639.0	1644.5	1650.0	1666.7	1683.4	1719.6	1755.9	1802.0
1667.9	20°	1661.1	1659.0	1661.1	1667.9	1674.8	1696.2	1717.6	1761.9	1806.4	1859.0
1666.1	22.5°	1658.6	1655.4	1658.6	1666.1	1673.7	1696.3	1718.8	1764.6	1810.3	1860.7
1637.8	25°	1630.8	1626.6	1630.8	1637.8	1644.9	1664.4	1684.0	1724.5	1765.2	1806.4
1586.3	27.5°	1583.1	1582.0	1583.1	1586.3	1589.6	1602.7	1615.8	1647.4	1678.9	1708.3
1518.4	30°	1518.4	1519.5	1518.4	1518.4	1518.4	1525.1	1531.8	1554.5	1577.1	1599.6
1439.3	32.5°	1440.0	1441.1	1440.0	1439.3	1438.8	1443.2	1447.5	1465.6	1483.6	1504.3
1358.4	35°	1356.9	1356.2	1356.9	1358.4	1359.8	1366.4	1373.1	1389.7	1406.4	1421.0
1279.2	37.5°	1272.8	1269.2	1272.8	1279.2	1285.6	1297.7	1309.8	1325.2	1340.5	1347.3
1204.6	40°	1192.8	1185.8	1192.8	1204.6	1216.6	1234.1	1251.8	1264.8	1277.8	1276.3
1131.8	42.5°	1114.5	1103.1	1114.5	1131.8	1149.1	1171.0	1193.0	1203.9	1214.9	1206.6
1064.6	45°	1044.3	1031.2	1044.3	1064.6	1085.0	1110.0	1135.1	1144.9	1154.9	1143.0
1025.9	47.5°	1007.1	994.5	1007.1	1025.9	1044.7	1067.0	1089.3	1096.2	1103.1	1089.4
1008.9	50°	991.5	979.4	991.5	1008.9	1026.3	1044.1	1062.0	1062.3	1062.7	1045.1
998.9	52.5°	983.4	972.2	983.4	998.9	1014.5	1029.0	1043.6	1039.8	1036.1	1015.3
987.3	55°	973.7	963.6	973.7	987.3	1001.0	1013.6	1026.3	1021.1	1015.9	993.9
968.9	57.5°	955.3	944.9	955.3	968.9	982.4	995.2	1008.0	1002.8	997.5	975.4
943.7	60°	929.8	919.0	929.8	943.7	957.7	970.1	982.6	976.9	971.1	948.8
904.9	62.5°	890.2	877.3	890.2	904.9	919.6	930.9	942.2	936.6	931.1	910.7
851.6	65°	837.4	826.2	837.4	851.6	865.8	876.7	887.5	881.9	876.2	858.2
792.0	67.5°	778.8	768.7	778.8	792.0	805.2	815.2	825.2	819.7	814.2	798.6
729.6	70°	716.9	705.4	716.9	729.6	742.3	750.4	758.5	753.2	747.9	733.8
659.6	72.5°	647.5	636.4	647.5	659.6	671.6	678.4	685.2	678.8	672.5	658.8
581.0	75°	570.8	560.2	570.8	581.0	591.1	594.4	597.7	591.1	584.5	572.0
493.3	77.5°	483.1	474.6	483.1	493.3	503.5	508.3	512.9	506.7	500.5	487.4
399.4	80°	385.6	369.6	385.6	399.4	413.1	415.1	417.1	408.9	400.7	390.8
298.0	82.5°	286.3	276.1	286.3	298.0	309.6	310.5	311.4	297.4	283.5	262.2
185.8	85°	176.8	167.5	176.8	185.8	194.9	196.3	197.8	180.5	163.2	143.2
77.5	87.5°	72.8	68.3	72.8	77.5	82.1	84.0	85.7	78.7	71.8	63.4
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1758.6	2.5°	1769.4	1780.3	1791.2	1802.1	1814.4	1826.9	1840.6	1854.4	1871.5	1886.8
1668.7	5°	1686.2	1703.7	1723.0	1742.2	1764.0	1785.9	1812.0	1838.0	1867.9	1898.1
1614.0	7.5°	1635.4	1656.8	1681.1	1705.3	1734.1	1762.9	1797.5	1832.1	1870.7	1911.9
1603.9	10°	1628.0	1652.1	1678.3	1704.4	1733.2	1761.9	1798.5	1835.0	1876.5	1927.3
1650.0	12.5°	1674.8	1699.8	1720.2	1740.8	1759.8	1778.9	1808.7	1838.6	1877.2	1930.6
1746.0	15°	1767.6	1789.3	1794.6	1799.9	1797.3	1794.7	1809.0	1823.3	1854.2	1913.4
1848.1	17.5°	1865.5	1883.0	1866.3	1849.7	1818.3	1787.0	1781.8	1776.5	1795.6	1865.2
1911.7	20°	1919.8	1927.9	1893.0	1858.1	1803.6	1749.2	1724.8	1700.3	1705.3	1786.4
1911.0	22.5°	1906.2	1901.3	1855.9	1810.5	1748.3	1686.1	1650.0	1613.8	1603.9	1696.2
1847.7	25°	1831.1	1814.4	1769.8	1725.1	1669.2	1613.3	1571.6	1529.9	1503.3	1597.8
1737.7	27.5°	1719.1	1700.5	1664.7	1628.9	1583.0	1537.1	1496.8	1456.5	1424.2	1510.2
1621.9	30°	1606.8	1591.7	1562.0	1532.3	1494.1	1456.0	1424.0	1392.0	1366.6	1438.9
1524.8	32.5°	1508.0	1491.3	1462.7	1434.2	1403.7	1373.3	1354.4	1335.5	1324.2	1382.5
1435.7	35°	1415.5	1395.4	1367.1	1339.0	1315.8	1292.6	1287.3	1282.2	1286.8	1335.4
1354.1	37.5°	1329.2	1304.3	1276.1	1248.0	1231.4	1214.7	1220.5	1226.2	1243.3	1285.7
1274.6	40°	1245.9	1217.3	1190.1	1162.9	1150.9	1138.9	1151.9	1164.9	1191.2	1229.7
1198.4	42.5°	1167.5	1136.5	1110.7	1085.0	1075.1	1065.3	1082.6	1099.9	1132.9	1168.4
1131.1	45°	1099.1	1067.0	1042.5	1018.1	1009.8	1001.6	1018.3	1035.1	1067.1	1103.1
1075.8	47.5°	1044.1	1012.5	988.6	964.7	957.0	949.2	963.3	977.4	1004.9	1051.3
1027.6	50°	999.3	970.9	948.4	925.8	913.7	901.6	914.0	926.6	958.6	1019.5
994.5	52.5°	968.0	941.7	921.0	900.3	882.2	864.0	876.3	888.7	933.4	1003.5
971.9	55°	948.8	925.6	903.3	881.0	855.3	829.5	849.0	868.5	935.9	1001.1
953.2	57.5°	930.2	907.4	881.2	855.0	827.2	799.5	828.0	856.4	938.4	995.9
926.6	60°	903.3	880.0	850.0	819.9	795.6	771.2	808.2	845.1	930.5	968.5
890.2	62.5°	865.4	840.6	805.5	770.5	755.1	739.6	785.7	831.9	911.1	915.8
840.3	65°	816.5	792.8	755.2	717.7	711.8	705.8	754.9	804.0	864.4	863.8
783.1	67.5°	760.7	738.2	703.4	668.8	670.6	672.5	713.3	754.2	788.1	789.7
719.8	70°	700.4	681.0	650.5	620.0	626.5	632.9	662.0	691.1	702.2	702.2
645.0	72.5°	627.5	609.9	586.0	562.0	571.4	580.9	600.8	620.7	620.6	613.5
559.5	75°	543.6	527.7	509.8	492.0	501.1	510.2	525.6	540.9	543.6	511.1
474.2	77.5°	460.6	446.9	432.5	417.9	427.1	436.3	448.6	460.9	462.4	408.8
380.8	80°	369.3	357.8	345.7	333.7	341.4	349.1	359.5	369.8	370.0	306.0
240.9	82.5°	244.9	249.0	250.0	251.0	256.4	261.9	266.9	272.0	268.9	214.3
123.3	85°	134.5	145.6	150.9	156.0	162.2	168.3	173.7	179.1	175.1	134.5
55.0	87.5°	63.6	72.1	72.3	72.5	73.6	74.8	76.9	79.1	74.1	57.2
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):**

325°		330°	335°	340°	345°	350°	355°	360°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1902.6	2.5°	1918.4	1934.9	1951.5	1967.9	1984.3	1999.8	2015.3
1930.1	5°	1962.1	1996.3	2030.6	2064.6	2098.7	2132.8	2167.0
1956.6	7.5°	2001.2	2051.9	2102.6	2154.7	2206.8	2263.1	2319.4
1980.2	10°	2033.0	2094.7	2156.2	2225.0	2293.8	2365.0	2436.3
1990.4	12.5°	2050.1	2122.8	2195.4	2273.4	2351.3	2429.5	2507.9
1982.6	15°	2051.7	2135.4	2219.0	2303.6	2388.1	2469.7	2551.4
1948.4	17.5°	2031.6	2128.7	2225.7	2318.0	2410.3	2493.0	2575.8
1889.5	20°	1992.6	2110.3	2227.9	2329.3	2430.7	2516.8	2602.8
1820.4	22.5°	1944.6	2087.7	2230.8	2344.5	2458.2	2546.2	2634.1
1743.2	25°	1888.7	2065.4	2242.1	2372.2	2502.1	2588.2	2674.3
1672.7	27.5°	1835.1	2050.5	2265.9	2415.3	2564.7	2646.9	2729.0
1613.7	30°	1788.5	2043.5	2298.4	2471.2	2644.0	2723.3	2802.7
1562.9	32.5°	1743.2	2034.9	2326.4	2529.5	2732.6	2811.1	2889.7
1512.9	35°	1690.5	2018.6	2347.0	2595.9	2844.9	2920.2	2995.4
1454.1	37.5°	1622.4	1990.8	2359.2	2670.4	2981.5	3077.4	3173.4
1383.9	40°	1538.1	1952.5	2366.9	2764.9	3162.7	3302.5	3442.3
1306.5	42.5°	1444.5	1912.9	2381.5	2888.5	3395.4	3597.2	3799.0
1224.2	45°	1345.3	1876.2	2407.2	3051.1	3695.1	3967.3	4239.4
1159.1	47.5°	1266.9	1845.9	2424.8	3224.4	4024.1	4407.2	4790.3
1115.9	50°	1212.3	1812.8	2413.3	3385.2	4357.2	4934.7	5512.2
1087.4	52.5°	1171.4	1756.9	2342.5	3489.6	4636.7	5488.9	6341.0
1066.8	55°	1132.4	1664.3	2196.1	3466.6	4737.1	5980.2	7223.3
1042.3	57.5°	1088.7	1533.7	1978.6	3304.7	4630.8	6328.3	8025.8
1004.9	60°	1041.4	1364.1	1686.9	3003.3	4319.8	6415.4	8510.9
939.9	62.5°	964.2	1161.2	1358.2	2595.8	3833.4	6049.0	8264.6
875.2	65°	886.6	978.6	1070.6	2180.0	3289.5	5530.6	7771.6
783.4	67.5°	777.0	803.2	829.3	1772.7	2716.2	4913.7	7111.2
672.6	70°	643.0	635.6	628.1	1395.8	2163.4	4240.5	6317.6
571.6	72.5°	529.6	507.0	484.5	1067.1	1649.6	3510.8	5372.0
464.1	75°	417.1	396.7	376.2	774.5	1172.7	2674.3	4175.8
363.1	77.5°	317.5	303.5	289.7	524.8	759.9	1871.7	2983.5
267.4	80°	228.7	222.9	217.2	338.1	459.1	1205.9	1952.7
185.8	82.5°	157.3	156.2	155.2	208.0	260.9	698.0	1135.1
113.6	85°	92.8	93.3	93.8	111.2	128.6	314.0	499.4
48.6	87.5°	40.1	40.6	41.1	46.1	51.1	102.8	154.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)