

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: P961959

Luminaire Tested: **NVN-SB2B-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P961959
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: NVN-SB2B-740-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12167.8 lumens
Efficiency: N/A
Efficacy: 164.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

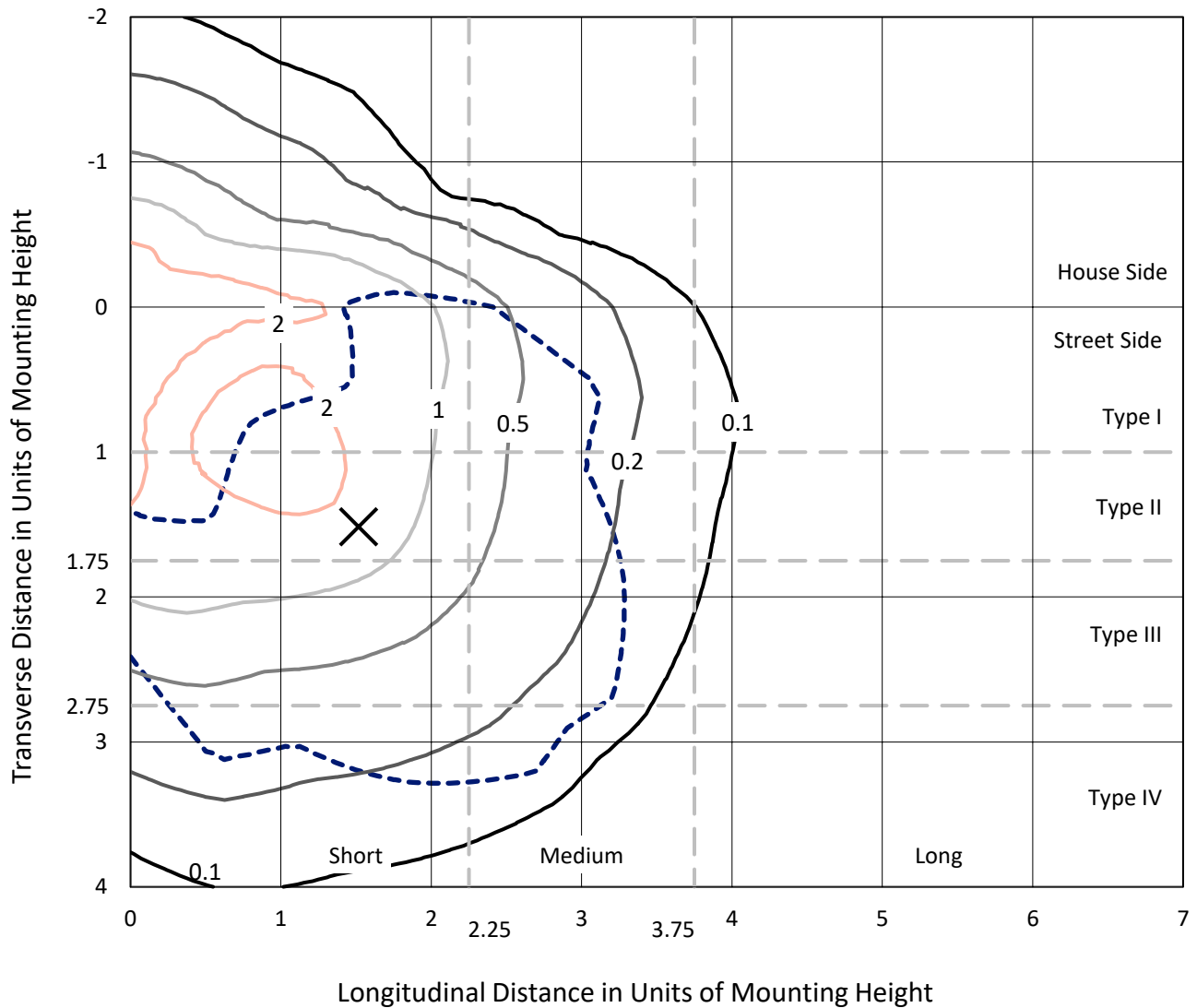
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

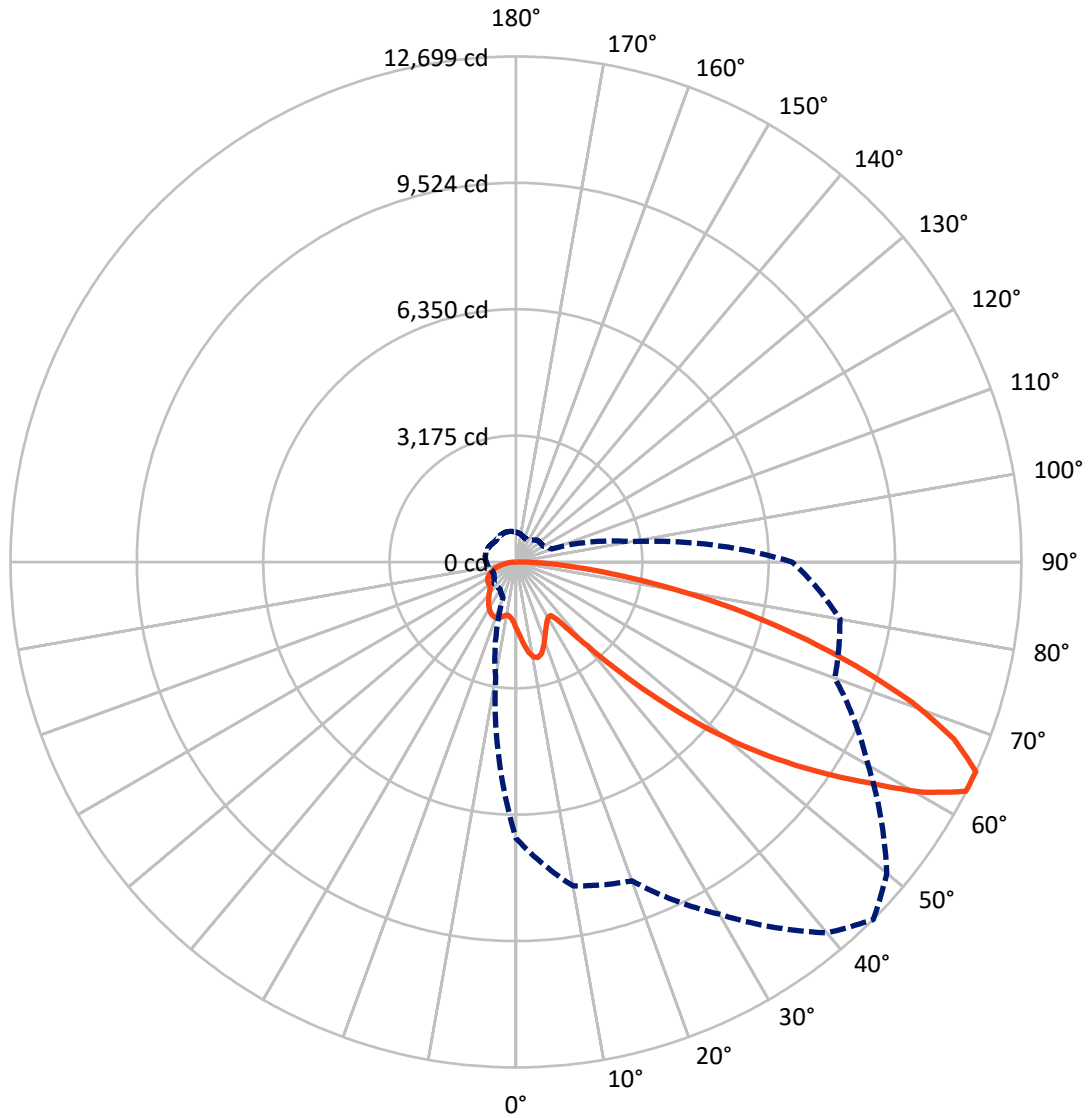
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.7 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	3092.4	0.0	3092.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9075.3	0.0	9075.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	12167.8	0.0	12167.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.0	1.4
10°-20°	521.0	4.3
20°-30°	804.8	6.6
30°-40°	1019.9	8.4
40°-50°	1538.3	12.6
50°-60°	2485.3	20.4
60°-70°	3098.4	25.5
70°-80°	2031.7	16.7
80°-90°	502.3	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°	12167.8	100.0
0°-180°	12167.8	100.0



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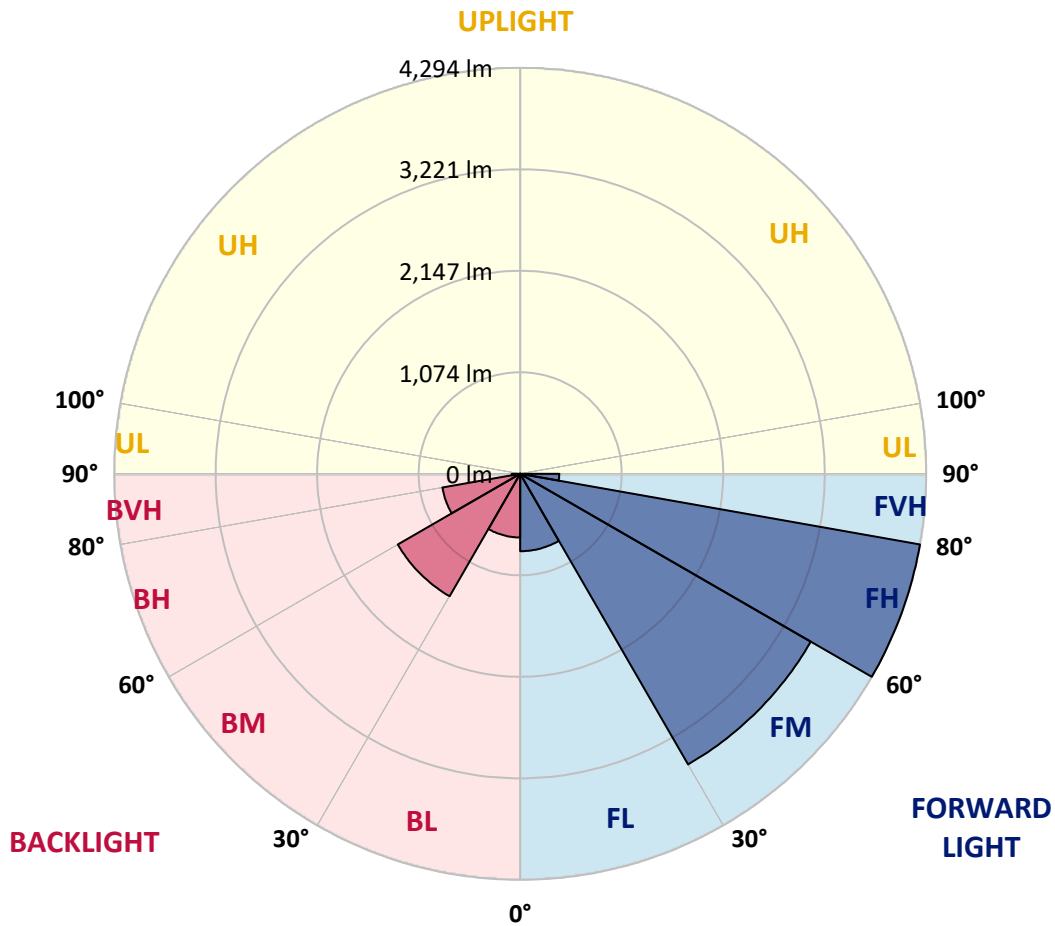
CATALOG NUMBER: NVN-SB2B-740-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	818.4	6.7			
FM (30°-60°)	3549.1	29.2			
FH (60°-80°)	4294.1	35.3			G2/5000
FVH (80°-90°)	413.8	3.4			G3/500
BL (0°-30°)	673.4	5.5	B2/1000		
BM (30°-60°)	1494.5	12.3	B2/2500		
BH (60°-80°)	836.0	6.9	B2/1000		G2/1000
BVH (80°-90°)	88.5	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°	50°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1799.3	1806.2	1813.0	1822.8	1832.4	1838.1	1844.0	1846.8	1849.7	1848.5	1849.7
5°	1934.8	1958.7	1982.6	2006.1	2029.8	2042.7	2055.5	2063.3	2071.1	2077.1	2071.1
7.5°	2070.9	2109.7	2148.4	2183.2	2218.1	2239.1	2260.1	2271.5	2282.8	2288.2	2282.8
10°	2175.3	2221.1	2266.9	2307.8	2348.7	2373.5	2398.2	2409.3	2420.2	2424.3	2420.2
12.5°	2239.1	2288.8	2338.4	2375.4	2412.3	2430.3	2448.2	2454.3	2460.3	2460.9	2460.3
15°	2278.0	2320.9	2363.6	2386.9	2410.1	2410.8	2411.4	2405.0	2398.6	2391.0	2398.6
17.5°	2299.8	2328.8	2357.7	2358.2	2358.5	2332.6	2306.6	2282.8	2258.9	2242.0	2258.9
20°	2323.9	2333.9	2344.1	2313.6	2283.1	2225.7	2168.3	2126.6	2084.7	2059.0	2084.7
22.5°	2351.9	2338.6	2325.3	2262.2	2199.0	2114.6	2030.1	1977.8	1925.7	1897.3	1925.7
25°	2387.7	2346.0	2304.3	2208.4	2112.4	2009.9	1907.4	1852.5	1797.6	1770.8	1797.6
27.5°	2436.5	2362.0	2287.3	2160.2	2033.2	1919.6	1805.9	1751.9	1697.9	1672.5	1697.9
30°	2502.3	2391.1	2279.9	2123.5	1967.1	1848.7	1730.3	1680.2	1630.1	1606.4	1630.1
32.5°	2580.0	2427.7	2275.4	2098.5	1921.6	1810.3	1698.9	1659.6	1620.2	1603.2	1620.2
35°	2674.4	2488.0	2301.6	2117.2	1932.8	1855.6	1778.4	1769.2	1760.0	1758.6	1760.0
37.5°	2833.3	2614.1	2394.7	2227.1	2059.5	2054.5	2049.6	2091.5	2133.5	2155.4	2133.5
40°	3073.5	2834.9	2596.4	2471.8	2347.1	2435.2	2523.1	2625.2	2727.3	2778.2	2727.3
42.5°	3391.9	3155.3	2918.6	2846.8	2775.1	2966.9	3158.7	3344.5	3530.1	3639.2	3530.1
45°	3785.2	3572.6	3360.0	3328.3	3296.6	3603.9	3911.4	4216.4	4521.6	4706.8	4521.6
47.5°	4277.0	4070.2	3863.3	3856.9	3850.5	4293.9	4737.1	5183.8	5630.4	5892.7	5630.4
50°	4921.6	4666.1	4410.8	4411.8	4412.9	4984.4	5555.8	6145.4	6735.0	7091.4	6735.0
52.5°	5661.6	5352.2	5043.0	5011.7	4980.4	5662.9	6345.5	7075.0	7804.4	8231.7	7804.4
55°	6449.4	6143.7	5838.1	5716.2	5594.2	6354.0	7113.6	7983.2	8852.8	9361.0	8852.8
57.5°	7165.9	6999.4	6833.0	6588.4	6343.9	7111.0	7878.0	8863.1	9848.0	10478.2	9848.0
60°	7598.9	7857.4	8115.9	7812.3	7508.6	8234.5	8960.4	10015.1	11069.7	11750.7	11069.7
62.5°	7379.1	8085.4	8791.6	8757.5	8723.2	9388.2	10053.2	11056.6	12059.8	12689.4	12059.8
65°	6938.9	7601.8	8264.8	8395.9	8527.0	9372.1	10217.2	11190.1	12163.1	12699.0	12163.1
67.5°	6349.2	6979.7	7610.2	7671.7	7733.1	8613.6	9494.1	10471.2	11448.3	11868.3	11448.3
70°	5640.7	6326.5	7012.3	7039.8	7067.4	7854.8	8642.1	9483.0	10323.8	10557.2	10323.8
72.5°	4796.4	5583.4	6370.4	6390.2	6409.8	7026.0	7642.0	8271.8	8901.5	8925.1	8901.5
75°	3728.3	4542.9	5357.4	5430.4	5503.6	5982.9	6462.2	6905.5	7348.8	7230.0	7348.8
77.5°	2663.9	3424.1	4184.6	4289.2	4393.9	4758.3	5122.5	5437.0	5751.5	5547.3	5751.5
80°	1743.5	2383.1	3022.7	3152.8	3282.9	3558.1	3833.2	3998.3	4163.3	3834.9	4163.3
82.5°	1013.5	1450.8	1888.2	2033.4	2178.7	2368.2	2557.6	2626.5	2695.3	2437.2	2695.3
85°	445.9	678.0	910.1	1033.7	1157.3	1312.9	1468.5	1507.6	1546.7	1340.0	1546.7
87.5°	138.1	216.1	294.1	363.1	431.9	509.8	587.6	590.9	594.2	498.9	594.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1846.8	1844.0	1838.1	1832.4	1822.8	1813.0	1806.2	1799.3	1785.6	1771.7	1757.1
5°	2063.3	2055.5	2042.7	2029.8	2006.1	1982.6	1958.7	1934.8	1904.3	1873.8	1843.4
7.5°	2271.5	2260.1	2239.1	2218.1	2183.2	2148.4	2109.7	2070.9	2020.6	1970.4	1923.8
10°	2409.3	2398.2	2373.5	2348.7	2307.8	2266.9	2221.1	2175.3	2111.6	2048.0	1986.6
12.5°	2454.3	2448.2	2430.3	2412.3	2375.4	2338.4	2288.8	2239.1	2169.2	2099.4	2029.8
15°	2405.0	2411.4	2410.8	2410.1	2386.9	2363.6	2320.9	2278.0	2205.1	2132.2	2056.8
17.5°	2282.8	2306.6	2332.6	2358.5	2358.2	2357.7	2328.8	2299.8	2225.9	2152.0	2069.7
20°	2126.6	2168.3	2225.7	2283.1	2313.6	2344.1	2333.9	2323.9	2247.1	2170.2	2079.7
22.5°	1977.8	2030.1	2114.6	2199.0	2262.2	2325.3	2338.6	2351.9	2273.3	2194.8	2093.4
25°	1852.5	1907.4	2009.9	2112.4	2208.4	2304.3	2346.0	2387.7	2310.9	2234.0	2118.0
27.5°	1751.9	1805.9	1919.6	2033.2	2160.2	2287.3	2362.0	2436.5	2363.2	2289.8	2156.5
30°	1680.2	1730.3	1848.7	1967.1	2123.5	2279.9	2391.1	2502.3	2431.5	2360.7	2206.4
32.5°	1659.6	1698.9	1810.3	1921.6	2098.5	2275.4	2427.7	2580.0	2509.9	2439.8	2258.5
35°	1769.2	1778.4	1855.6	1932.8	2117.2	2301.6	2488.0	2674.4	2607.3	2540.1	2317.8
37.5°	2091.5	2049.6	2054.5	2059.5	2227.1	2394.7	2614.1	2833.3	2747.7	2662.0	2384.3
40°	2625.2	2523.1	2435.2	2347.1	2471.8	2596.4	2834.9	3073.5	2948.6	2823.9	2468.6
42.5°	3344.5	3158.7	2966.9	2775.1	2846.8	2918.6	3155.3	3391.9	3211.7	3031.6	2579.0
45°	4216.4	3911.4	3603.9	3296.6	3328.3	3360.0	3572.6	3785.2	3542.2	3299.2	2724.2
47.5°	5183.8	4737.1	4293.9	3850.5	3856.9	3863.3	4070.2	4277.0	3935.0	3592.9	2878.9
50°	6145.4	5555.8	4984.4	4412.9	4411.8	4410.8	4666.1	4921.6	4406.0	3890.3	3022.5
52.5°	7075.0	6345.5	5662.9	4980.4	5011.7	5043.0	5352.2	5661.6	4900.7	4139.9	3115.7
55°	7983.2	7113.6	6354.0	5594.2	5716.2	5838.1	6143.7	6449.4	5339.4	4229.5	3095.2
57.5°	8863.1	7878.0	7111.0	6343.9	6588.4	6833.0	6999.4	7165.9	5650.3	4134.6	2950.6
60°	10015.1	8960.4	8234.5	7508.6	7812.3	8115.9	7857.4	7598.9	5727.9	3856.9	2681.5
62.5°	11056.6	10053.2	9388.2	8723.2	8757.5	8791.6	8085.4	7379.1	5400.8	3422.6	2317.6
65°	11190.1	10217.2	9372.1	8527.0	8395.9	8264.8	7601.8	6938.9	4937.9	2937.0	1946.5
67.5°	10471.2	9494.1	8613.6	7733.1	7671.7	7610.2	6979.7	6349.2	4387.2	2425.1	1582.8
70°	9483.0	8642.1	7854.8	7067.4	7039.8	7012.3	6326.5	5640.7	3786.1	1931.6	1246.2
72.5°	8271.8	7642.0	7026.0	6409.8	6390.2	6370.4	5583.4	4796.4	3134.6	1472.8	952.7
75°	6905.5	6462.2	5982.9	5503.6	5430.4	5357.4	4542.9	3728.3	2387.7	1047.0	691.5
77.5°	5437.0	5122.5	4758.3	4393.9	4289.2	4184.6	3424.1	2663.9	1671.2	678.6	468.5
80°	3998.3	3833.2	3558.1	3282.9	3152.8	3022.7	2383.1	1743.5	1076.8	409.9	301.9
82.5°	2626.5	2557.6	2368.2	2178.7	2033.4	1888.2	1450.8	1013.5	623.2	233.0	185.7
85°	1507.6	1468.5	1312.9	1157.3	1033.7	910.1	678.0	445.9	280.3	114.8	99.2
87.5°	590.9	587.6	509.8	431.9	363.1	294.1	216.1	138.1	91.8	45.6	41.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1742.4	1727.6	1712.9	1698.7	1684.6	1671.0	1655.7	1643.4	1631.1	1620.0	1608.9
5°	1813.0	1782.4	1751.8	1723.2	1694.6	1667.7	1641.0	1617.9	1594.5	1575.0	1555.5
7.5°	1877.4	1832.1	1786.8	1746.9	1707.0	1670.2	1635.8	1604.8	1574.0	1548.3	1522.6
10°	1925.2	1870.2	1815.2	1768.0	1720.8	1675.5	1638.4	1605.8	1573.2	1547.4	1521.8
12.5°	1960.2	1895.3	1830.4	1777.1	1723.7	1676.1	1641.5	1614.9	1588.3	1571.2	1554.3
15°	1981.2	1906.6	1831.9	1770.1	1708.4	1655.5	1627.9	1615.1	1602.4	1604.7	1607.0
17.5°	1987.3	1900.6	1813.9	1739.6	1665.3	1603.2	1586.2	1590.9	1595.5	1623.5	1651.5
20°	1989.2	1884.2	1779.1	1687.0	1595.0	1522.6	1518.1	1540.0	1561.8	1610.4	1659.1
22.5°	1991.8	1864.0	1736.2	1625.3	1514.4	1432.1	1440.8	1473.1	1505.5	1561.0	1616.5
25°	2001.9	1844.1	1686.3	1556.5	1426.6	1342.2	1365.9	1403.2	1440.4	1490.4	1540.3
27.5°	2023.0	1830.8	1638.5	1493.4	1348.4	1271.6	1300.4	1336.4	1372.4	1413.4	1454.4
30°	2052.2	1824.6	1596.8	1440.8	1284.7	1220.2	1242.9	1271.4	1300.0	1334.0	1368.1
32.5°	2077.2	1816.9	1556.5	1395.4	1234.3	1182.3	1192.4	1209.3	1226.2	1253.4	1280.5
35°	2095.5	1802.4	1509.3	1350.8	1192.3	1148.9	1144.7	1149.4	1154.0	1174.9	1195.5
37.5°	2106.5	1777.6	1448.6	1298.3	1148.0	1110.1	1094.8	1089.7	1084.6	1099.4	1114.3
40°	2113.3	1743.3	1373.3	1235.6	1097.9	1063.5	1040.1	1028.5	1016.9	1027.6	1038.3
42.5°	2126.4	1708.0	1289.8	1166.4	1043.2	1011.6	982.1	966.6	951.2	959.9	968.7
45°	2149.2	1675.2	1201.1	1093.1	984.9	952.8	924.2	909.2	894.2	901.6	909.0
47.5°	2165.0	1648.1	1131.2	1034.9	938.7	897.3	872.7	860.1	847.5	854.4	861.3
50°	2154.8	1618.6	1082.4	996.3	910.3	855.9	827.3	816.1	805.0	815.8	826.7
52.5°	2091.5	1568.7	1045.9	970.9	896.0	833.4	793.5	782.4	771.4	787.7	803.8
55°	1960.8	1485.9	1011.1	952.4	893.9	835.6	775.5	758.0	740.6	763.6	786.6
57.5°	1766.6	1369.4	972.1	930.6	889.2	837.8	764.6	739.2	713.8	738.6	763.4
60°	1506.1	1218.0	929.8	897.3	864.7	830.8	754.5	721.6	688.6	710.3	732.1
62.5°	1212.7	1036.8	860.9	839.3	817.6	813.4	742.7	701.5	660.3	674.1	688.0
65°	955.9	873.8	791.6	781.5	771.2	771.7	717.8	674.0	630.2	635.5	640.7
67.5°	740.4	717.1	693.7	699.5	705.1	703.7	673.4	636.9	600.4	598.8	597.1
70°	560.8	567.5	574.1	600.5	627.0	627.0	617.0	591.1	565.1	559.3	553.6
72.5°	432.7	452.7	472.8	510.3	547.8	554.1	554.2	536.4	518.6	510.1	501.7
75°	335.9	354.1	372.4	414.4	456.3	485.3	483.0	469.2	455.5	447.4	439.3
77.5°	258.6	271.0	283.4	324.2	365.0	412.9	411.5	400.6	389.6	381.4	373.2
80°	193.9	199.1	204.2	238.7	273.2	330.4	330.2	320.9	311.7	304.8	297.9
82.5°	138.6	139.5	140.5	165.9	191.4	240.2	242.8	238.3	233.8	229.0	224.1
85°	83.7	83.3	82.8	101.5	120.0	156.3	159.9	155.1	150.3	144.8	139.3
87.5°	36.7	36.3	35.9	43.4	51.0	66.1	70.6	68.7	66.7	65.7	64.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1599.3	1589.6	1579.8	1570.1	1562.6	1555.0	1549.0	1542.8	1538.1	1533.3	1529.0
5°	1538.3	1521.1	1505.5	1489.8	1477.8	1465.7	1457.3	1448.9	1443.0	1437.0	1432.4
7.5°	1501.0	1479.3	1460.1	1441.0	1426.8	1412.6	1402.5	1392.5	1385.6	1378.8	1374.7
10°	1498.4	1475.1	1453.6	1432.1	1415.0	1397.9	1386.7	1375.3	1368.9	1362.4	1358.9
12.5°	1535.9	1517.7	1495.4	1473.1	1451.3	1429.6	1415.1	1400.7	1393.4	1386.2	1383.2
15°	1602.3	1597.6	1578.2	1558.9	1527.9	1496.7	1474.8	1452.8	1442.8	1432.7	1428.8
17.5°	1666.3	1681.2	1665.6	1650.0	1608.9	1567.7	1535.3	1503.1	1488.1	1473.1	1468.3
20°	1690.2	1721.3	1714.1	1706.9	1659.8	1612.8	1573.2	1533.5	1514.4	1495.4	1489.2
22.5°	1657.0	1697.6	1701.9	1706.2	1661.3	1616.3	1575.5	1534.6	1514.5	1494.3	1487.6
25°	1580.1	1620.0	1634.9	1649.7	1612.8	1576.1	1539.8	1503.6	1486.0	1468.7	1462.4
27.5°	1486.4	1518.3	1534.8	1551.5	1525.2	1499.1	1470.9	1442.7	1431.0	1419.2	1416.3
30°	1394.6	1421.2	1434.7	1448.1	1428.1	1408.1	1388.0	1367.7	1361.7	1355.7	1355.7
32.5°	1306.0	1331.5	1346.4	1361.5	1343.1	1324.7	1308.5	1292.4	1288.5	1284.6	1285.1
35°	1220.7	1245.9	1263.8	1281.9	1268.7	1255.7	1240.9	1226.0	1220.1	1214.1	1212.8
37.5°	1139.4	1164.5	1186.7	1209.0	1202.9	1196.9	1183.3	1169.5	1158.7	1147.9	1142.2
40°	1062.6	1086.8	1112.4	1138.1	1139.5	1140.9	1129.3	1117.7	1101.9	1086.2	1075.5
42.5°	991.7	1014.7	1042.3	1070.0	1077.4	1084.8	1074.9	1065.2	1045.6	1026.0	1010.5
45°	930.8	952.6	981.3	1009.9	1020.5	1031.1	1022.2	1013.5	991.1	968.7	950.6
47.5°	882.7	904.0	932.2	960.5	972.7	984.9	978.8	972.6	952.6	932.7	915.9
50°	846.8	866.8	892.2	917.5	933.2	948.8	948.4	948.1	932.2	916.4	900.8
52.5°	822.4	840.8	864.3	888.0	906.5	925.1	928.4	931.7	918.8	905.8	891.9
55°	806.6	826.5	847.2	867.8	887.3	907.1	911.7	916.4	905.1	893.7	881.5
57.5°	786.8	810.2	830.6	851.1	870.8	890.6	895.3	900.1	888.6	877.2	865.1
60°	758.9	785.8	806.5	827.3	847.2	867.0	872.2	877.4	866.2	855.1	842.7
62.5°	719.2	750.5	772.7	794.9	813.1	831.3	836.3	841.2	831.2	821.0	807.9
65°	674.2	707.9	729.1	750.2	766.3	782.4	787.4	792.4	782.7	773.1	760.3
67.5°	628.0	659.1	679.2	699.2	713.1	726.9	731.8	736.8	727.9	718.9	707.1
70°	580.8	608.0	625.4	642.7	655.2	667.7	672.5	677.2	669.9	662.8	651.4
72.5°	523.2	544.6	560.3	575.9	588.1	600.4	606.1	611.7	605.7	599.6	588.9
75°	455.2	471.1	485.3	499.5	510.7	521.8	527.8	533.7	530.7	527.8	518.8
77.5°	386.1	399.0	411.2	423.4	435.2	446.9	452.4	457.9	453.8	449.6	440.4
80°	308.7	319.4	329.6	340.0	348.9	357.7	365.1	372.4	370.6	368.9	356.6
82.5°	223.1	222.3	218.6	215.0	234.1	253.1	265.6	278.0	277.3	276.4	266.1
85°	134.7	130.0	120.0	110.1	127.9	145.8	161.1	176.6	175.3	174.0	165.9
87.5°	64.6	64.4	56.8	49.1	56.6	64.1	70.3	76.6	75.0	73.3	69.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1524.6	1519.0	1524.6	1529.0	1533.3	1538.1	1542.8	1549.0	1555.0	1562.6	1570.1
5°	1427.9	1423.4	1427.9	1432.4	1437.0	1443.0	1448.9	1457.3	1465.7	1477.8	1489.8
7.5°	1370.6	1367.6	1370.6	1374.7	1378.8	1385.6	1392.5	1402.5	1412.6	1426.8	1441.0
10°	1355.5	1354.1	1355.5	1358.9	1362.4	1368.9	1375.3	1386.7	1397.9	1415.0	1432.1
12.5°	1380.3	1379.8	1380.3	1383.2	1386.2	1393.4	1400.7	1415.1	1429.6	1451.3	1473.1
15°	1425.1	1424.7	1425.1	1428.8	1432.7	1442.8	1452.8	1474.8	1496.7	1527.9	1558.9
17.5°	1463.4	1462.6	1463.4	1468.3	1473.1	1488.1	1503.1	1535.3	1567.7	1608.9	1650.0
20°	1483.2	1481.2	1483.2	1489.2	1495.4	1514.4	1533.5	1573.2	1612.8	1659.8	1706.9
22.5°	1480.9	1477.9	1480.9	1487.6	1494.3	1514.5	1534.6	1575.5	1616.3	1661.3	1706.2
25°	1456.0	1452.3	1456.0	1462.4	1468.7	1486.0	1503.6	1539.8	1576.1	1612.8	1649.7
27.5°	1413.5	1412.6	1413.5	1416.3	1419.2	1431.0	1442.7	1470.9	1499.1	1525.2	1551.5
30°	1355.7	1356.7	1355.7	1355.7	1355.7	1361.7	1367.7	1388.0	1408.1	1428.1	1448.1
32.5°	1285.7	1286.7	1285.7	1285.1	1284.6	1288.5	1292.4	1308.5	1324.7	1343.1	1361.5
35°	1211.6	1210.9	1211.6	1212.8	1214.1	1220.1	1226.0	1240.9	1255.7	1268.7	1281.9
37.5°	1136.4	1133.2	1136.4	1142.2	1147.9	1158.7	1169.5	1183.3	1196.9	1202.9	1209.0
40°	1065.1	1058.7	1065.1	1075.5	1086.2	1101.9	1117.7	1129.3	1140.9	1139.5	1138.1
42.5°	995.1	984.9	995.1	1010.5	1026.0	1045.6	1065.2	1074.9	1084.8	1077.4	1070.0
45°	932.3	920.7	932.3	950.6	968.7	991.1	1013.5	1022.2	1031.1	1020.5	1009.9
47.5°	899.2	888.0	899.2	915.9	932.7	952.6	972.6	978.8	984.9	972.7	960.5
50°	885.3	874.4	885.3	900.8	916.4	932.2	948.1	948.4	948.8	933.2	917.5
52.5°	878.0	868.1	878.0	891.9	905.8	918.8	931.7	928.4	925.1	906.5	888.0
55°	869.3	860.4	869.3	881.5	893.7	905.1	916.4	911.7	907.1	887.3	867.8
57.5°	853.0	843.7	853.0	865.1	877.2	888.6	900.1	895.3	890.6	870.8	851.1
60°	830.1	820.5	830.1	842.7	855.1	866.2	877.4	872.2	867.0	847.2	827.3
62.5°	794.9	783.3	794.9	807.9	821.0	831.2	841.2	836.3	831.3	813.1	794.9
65°	747.6	737.7	747.6	760.3	773.1	782.7	792.4	787.4	782.4	766.3	750.2
67.5°	695.4	686.3	695.4	707.1	718.9	727.9	736.8	731.8	726.9	713.1	699.2
70°	640.1	629.9	640.1	651.4	662.8	669.9	677.2	672.5	667.7	655.2	642.7
72.5°	578.2	568.3	578.2	588.9	599.6	605.7	611.7	606.1	600.4	588.1	575.9
75°	509.6	500.2	509.6	518.8	527.8	530.7	533.7	527.8	521.8	510.7	499.5
77.5°	431.3	423.7	431.3	440.4	449.6	453.8	457.9	452.4	446.9	435.2	423.4
80°	344.3	330.0	344.3	356.6	368.9	370.6	372.4	365.1	357.7	348.9	340.0
82.5°	255.6	246.5	255.6	266.1	276.4	277.3	278.0	265.6	253.1	234.1	215.0
85°	157.8	149.5	157.8	165.9	174.0	175.3	176.6	161.1	145.8	127.9	110.1
87.5°	65.0	61.0	65.0	69.2	73.3	75.0	76.6	70.3	64.1	56.6	49.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1579.8	1589.6	1599.3	1608.9	1620.0	1631.1	1643.4	1655.7	1671.0	1684.6	1698.7
5°	1505.5	1521.1	1538.3	1555.5	1575.0	1594.5	1617.9	1641.0	1667.7	1694.6	1723.2
7.5°	1460.1	1479.3	1501.0	1522.6	1548.3	1574.0	1604.8	1635.8	1670.2	1707.0	1746.9
10°	1453.6	1475.1	1498.4	1521.8	1547.4	1573.2	1605.8	1638.4	1675.5	1720.8	1768.0
12.5°	1495.4	1517.7	1535.9	1554.3	1571.2	1588.3	1614.9	1641.5	1676.1	1723.7	1777.1
15°	1578.2	1597.6	1602.3	1607.0	1604.7	1602.4	1615.1	1627.9	1655.5	1708.4	1770.1
17.5°	1665.6	1681.2	1666.3	1651.5	1623.5	1595.5	1590.9	1586.2	1603.2	1665.3	1739.6
20°	1714.1	1721.3	1690.2	1659.1	1610.4	1561.8	1540.0	1518.1	1522.6	1595.0	1687.0
22.5°	1701.9	1697.6	1657.0	1616.5	1561.0	1505.5	1473.1	1440.8	1432.1	1514.4	1625.3
25°	1634.9	1620.0	1580.1	1540.3	1490.4	1440.4	1403.2	1365.9	1342.2	1426.6	1556.5
27.5°	1534.8	1518.3	1486.4	1454.4	1413.4	1372.4	1336.4	1300.4	1271.6	1348.4	1493.4
30°	1434.7	1421.2	1394.6	1368.1	1334.0	1300.0	1271.4	1242.9	1220.2	1284.7	1440.8
32.5°	1346.4	1331.5	1306.0	1280.5	1253.4	1226.2	1209.3	1192.4	1182.3	1234.3	1395.4
35°	1263.8	1245.9	1220.7	1195.5	1174.9	1154.0	1149.4	1144.7	1148.9	1192.3	1350.8
37.5°	1186.7	1164.5	1139.4	1114.3	1099.4	1084.6	1089.7	1094.8	1110.1	1148.0	1298.3
40°	1112.4	1086.8	1062.6	1038.3	1027.6	1016.9	1028.5	1040.1	1063.5	1097.9	1235.6
42.5°	1042.3	1014.7	991.7	968.7	959.9	951.2	966.6	982.1	1011.6	1043.2	1166.4
45°	981.3	952.6	930.8	909.0	901.6	894.2	909.2	924.2	952.8	984.9	1093.1
47.5°	932.2	904.0	882.7	861.3	854.4	847.5	860.1	872.7	897.3	938.7	1034.9
50°	892.2	866.8	846.8	826.7	815.8	805.0	816.1	827.3	855.9	910.3	996.3
52.5°	864.3	840.8	822.4	803.8	787.7	771.4	782.4	793.5	833.4	896.0	970.9
55°	847.2	826.5	806.6	786.6	763.6	740.6	758.0	775.5	835.6	893.9	952.4
57.5°	830.6	810.2	786.8	763.4	738.6	713.8	739.2	764.6	837.8	889.2	930.6
60°	806.5	785.8	758.9	732.1	710.3	688.6	721.6	754.5	830.8	864.7	897.3
62.5°	772.7	750.5	719.2	688.0	674.1	660.3	701.5	742.7	813.4	817.6	839.3
65°	729.1	707.9	674.2	640.7	635.5	630.2	674.0	717.8	771.7	771.2	781.5
67.5°	679.2	659.1	628.0	597.1	598.8	600.4	636.9	673.4	703.7	705.1	699.5
70°	625.4	608.0	580.8	553.6	559.3	565.1	591.1	617.0	627.0	627.0	600.5
72.5°	560.3	544.6	523.2	501.7	510.1	518.6	536.4	554.2	554.1	547.8	510.3
75°	485.3	471.1	455.2	439.3	447.4	455.5	469.2	483.0	485.3	456.3	414.4
77.5°	411.2	399.0	386.1	373.2	381.4	389.6	400.6	411.5	412.9	365.0	324.2
80°	329.6	319.4	308.7	297.9	304.8	311.7	320.9	330.2	330.4	273.2	238.7
82.5°	218.6	222.3	223.1	224.1	229.0	233.8	238.3	242.8	240.2	191.4	165.9
85°	120.0	130.0	134.7	139.3	144.8	150.3	155.1	159.9	156.3	120.0	101.5
87.5°	56.8	64.4	64.6	64.7	65.7	66.7	68.7	70.6	66.1	51.0	43.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2	1673.2
2.5°	1712.9	1727.6	1742.4	1757.1	1771.7	1785.6	1799.3
5°	1751.8	1782.4	1813.0	1843.4	1873.8	1904.3	1934.8
7.5°	1786.8	1832.1	1877.4	1923.8	1970.4	2020.6	2070.9
10°	1815.2	1870.2	1925.2	1986.6	2048.0	2111.6	2175.3
12.5°	1830.4	1895.3	1960.2	2029.8	2099.4	2169.2	2239.1
15°	1831.9	1906.6	1981.2	2056.8	2132.2	2205.1	2278.0
17.5°	1813.9	1900.6	1987.3	2069.7	2152.0	2225.9	2299.8
20°	1779.1	1884.2	1989.2	2079.7	2170.2	2247.1	2323.9
22.5°	1736.2	1864.0	1991.8	2093.4	2194.8	2273.3	2351.9
25°	1686.3	1844.1	2001.9	2118.0	2234.0	2310.9	2387.7
27.5°	1638.5	1830.8	2023.0	2156.5	2289.8	2363.2	2436.5
30°	1596.8	1824.6	2052.2	2206.4	2360.7	2431.5	2502.3
32.5°	1556.5	1816.9	2077.2	2258.5	2439.8	2509.9	2580.0
35°	1509.3	1802.4	2095.5	2317.8	2540.1	2607.3	2674.4
37.5°	1448.6	1777.6	2106.5	2384.3	2662.0	2747.7	2833.3
40°	1373.3	1743.3	2113.3	2468.6	2823.9	2948.6	3073.5
42.5°	1289.8	1708.0	2126.4	2579.0	3031.6	3211.7	3391.9
45°	1201.1	1675.2	2149.2	2724.2	3299.2	3542.2	3785.2
47.5°	1131.2	1648.1	2165.0	2878.9	3592.9	3935.0	4277.0
50°	1082.4	1618.6	2154.8	3022.5	3890.3	4406.0	4921.6
52.5°	1045.9	1568.7	2091.5	3115.7	4139.9	4900.7	5661.6
55°	1011.1	1485.9	1960.8	3095.2	4229.5	5339.4	6449.4
57.5°	972.1	1369.4	1766.6	2950.6	4134.6	5650.3	7165.9
60°	929.8	1218.0	1506.1	2681.5	3856.9	5727.9	7598.9
62.5°	860.9	1036.8	1212.7	2317.6	3422.6	5400.8	7379.1
65°	791.6	873.8	955.9	1946.5	2937.0	4937.9	6938.9
67.5°	693.7	717.1	740.4	1582.8	2425.1	4387.2	6349.2
70°	574.1	567.5	560.8	1246.2	1931.6	3786.1	5640.7
72.5°	472.8	452.7	432.7	952.7	1472.8	3134.6	4796.4
75°	372.4	354.1	335.9	691.5	1047.0	2387.7	3728.3
77.5°	283.4	271.0	258.6	468.5	678.6	1671.2	2663.9
80°	204.2	199.1	193.9	301.9	409.9	1076.8	1743.5
82.5°	140.5	139.5	138.6	185.7	233.0	623.2	1013.5
85°	82.8	83.3	83.7	99.2	114.8	280.3	445.9
87.5°	35.9	36.3	36.7	41.2	45.6	91.8	138.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)