

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: LUMARK

Report Number: P962579

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

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P962579
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: LUMARK
Catalog Number: NAV-SB2C-827-U-SLL
Description: NAVION ROADWAY AND AREA 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: 13301.4 lumens
Efficiency: N/A
Efficacy: 131.8 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



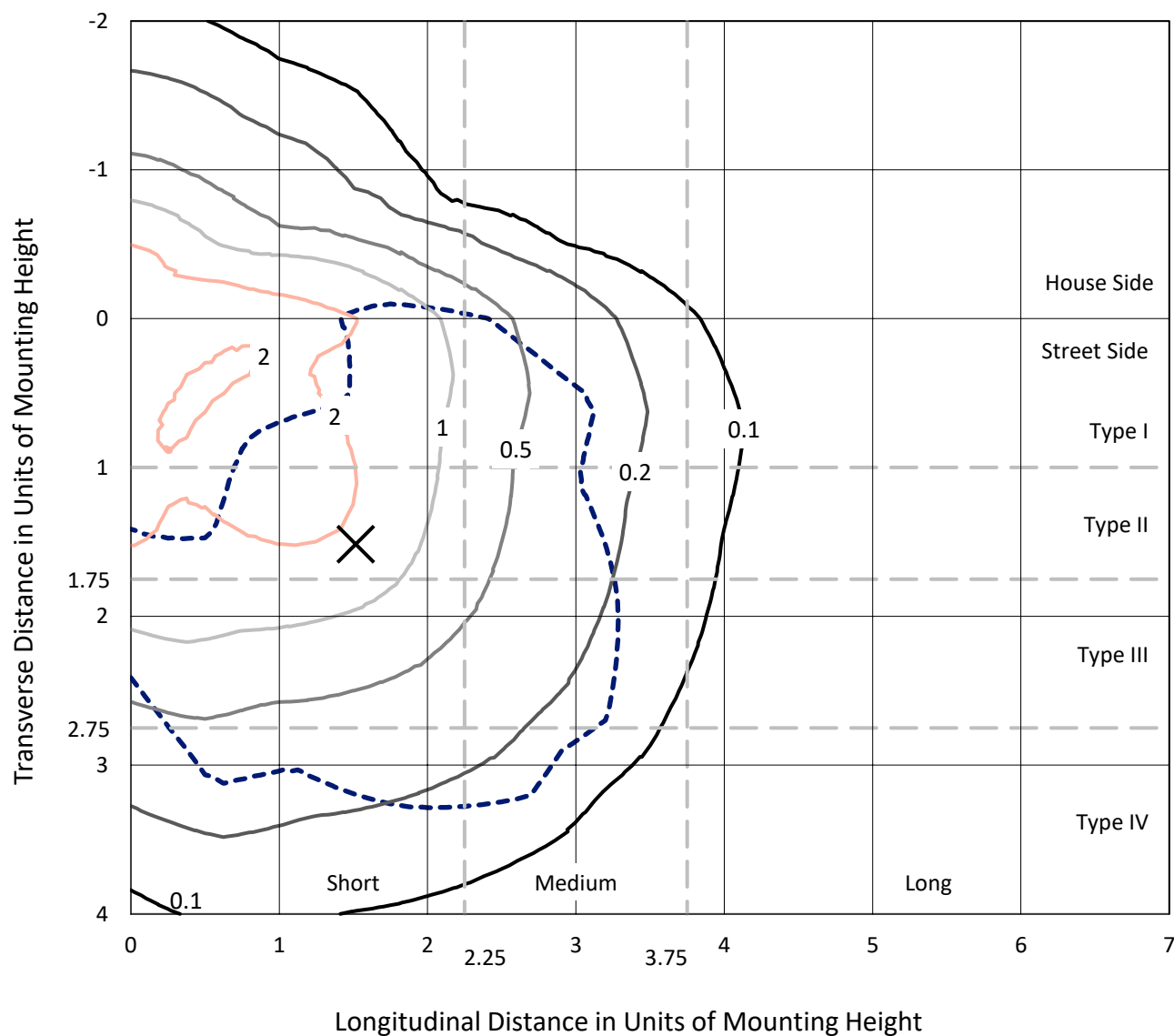
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

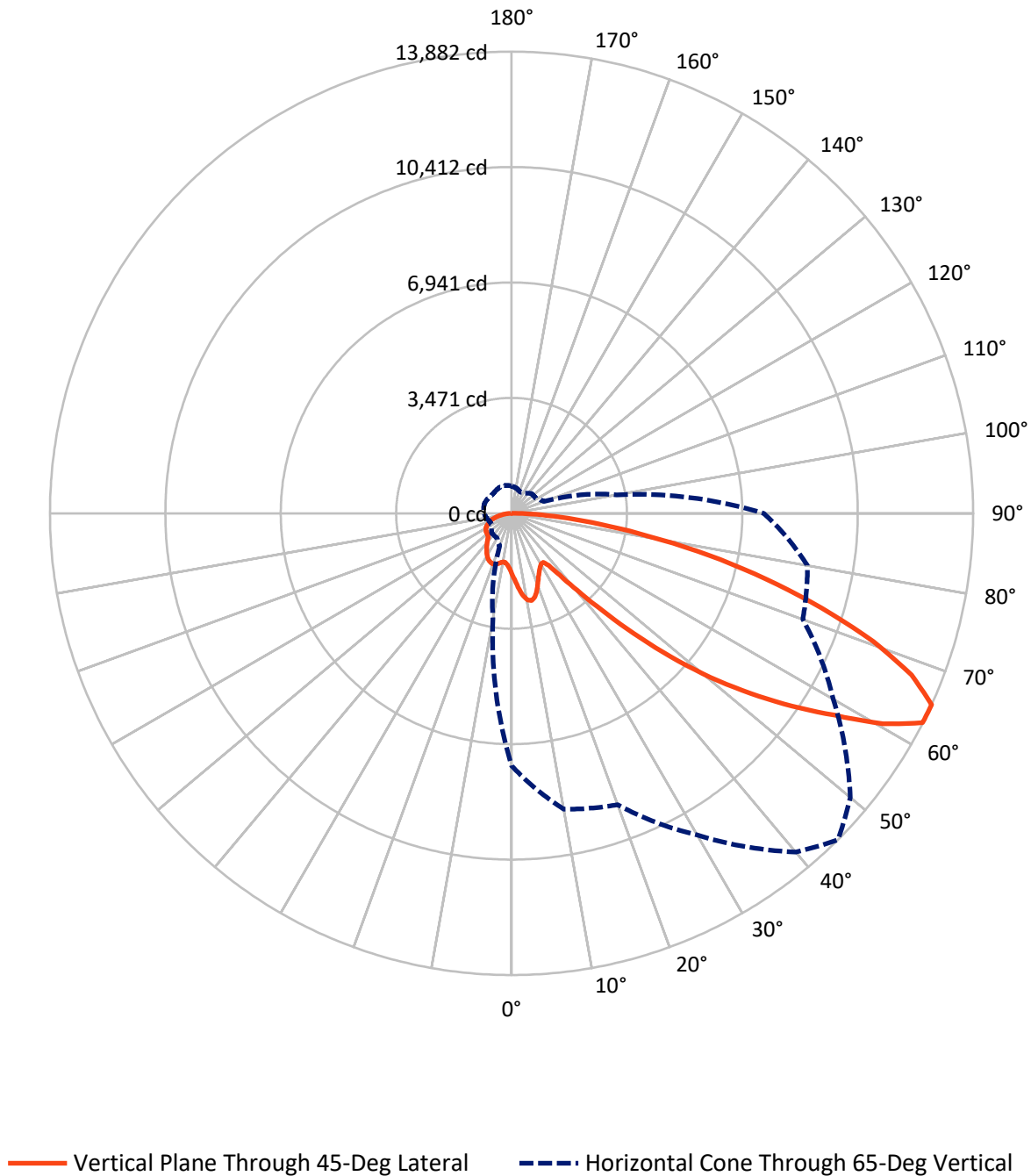


Based on 25 foot mounting height. Maximum calculated value = 4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3380.6	0.0	3380.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9920.9	0.0	9920.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	13301.4	0.0	13301.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.4	1.4
10°-20°	569.6	4.3
20°-30°	879.8	6.6
30°-40°	1114.9	8.4
40°-50°	1681.6	12.6
50°-60°	2716.9	20.4
60°-70°	3387.0	25.5
70°-80°	2221.0	16.7
80°-90°	549.1	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°	13301.4	100.0
0°-180°	13301.4	100.0

Coefficient of Utilization



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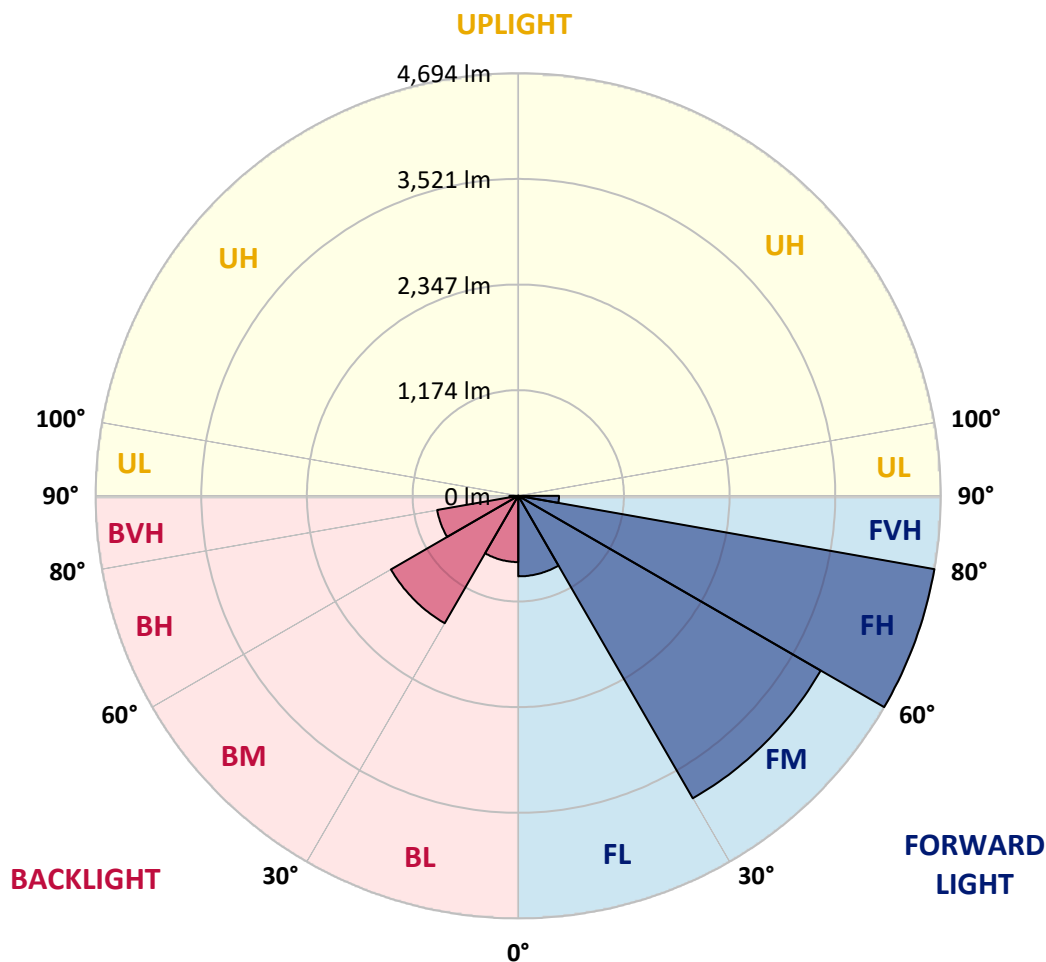
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	894.7	6.7			
FM	(30°-60°)	3879.7	29.2			
FH	(60°-80°)	4694.1	35.3			G2/5000
FVH	(80°-90°)	452.3	3.4			G3/500
BL	(0°-30°)	736.2	5.5	B2/1000		
BM	(30°-60°)	1633.7	12.3	B2/2500		
BH	(60°-80°)	913.9	6.9	B2/1000		G2/1000
BVH	(80°-90°)	96.8	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°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1967.0	1974.5	1981.9	1992.5	2003.2	2009.4	2015.8	2018.9	2022.1	2020.7	2022.1
5°	2115.1	2141.1	2167.3	2193.1	2218.9	2233.0	2247.0	2255.5	2264.1	2270.6	2264.1
7.5°	2263.8	2306.2	2348.6	2386.7	2424.8	2447.8	2470.7	2483.2	2495.5	2501.4	2495.5
10°	2377.9	2428.0	2478.1	2522.8	2567.5	2594.7	2621.6	2633.6	2645.7	2650.2	2645.7
12.5°	2447.8	2502.1	2556.4	2596.7	2637.0	2656.7	2676.4	2682.9	2689.5	2690.2	2689.5
15°	2490.2	2537.1	2583.9	2609.2	2634.7	2635.4	2636.1	2629.0	2622.1	2613.8	2622.1
17.5°	2514.1	2545.7	2577.4	2577.9	2578.3	2549.9	2521.5	2495.4	2469.3	2450.9	2469.3
20°	2540.4	2551.4	2562.5	2529.2	2495.9	2433.0	2370.3	2324.6	2279.0	2250.9	2279.0
22.5°	2570.9	2556.5	2542.0	2472.9	2403.9	2311.6	2219.3	2162.1	2105.0	2074.0	2105.0
25°	2610.3	2564.7	2519.0	2414.2	2309.3	2197.2	2085.1	2025.0	1965.1	1935.7	1965.1
27.5°	2663.6	2582.0	2500.4	2361.5	2222.7	2098.5	1974.3	1915.1	1856.1	1828.4	1856.1
30°	2735.5	2613.9	2492.3	2321.3	2150.3	2021.0	1891.5	1836.7	1781.9	1756.0	1781.9
32.5°	2820.5	2653.9	2487.4	2294.0	2100.5	1978.9	1857.3	1814.2	1771.2	1752.5	1771.2
35°	2923.6	2719.8	2516.1	2314.4	2112.9	2028.5	1944.0	1934.0	1923.9	1922.4	1923.9
37.5°	3097.3	2857.6	2617.8	2434.6	2251.4	2246.0	2240.4	2286.4	2332.3	2356.2	2332.3
40°	3359.8	3099.1	2838.3	2702.1	2565.9	2662.0	2758.2	2869.8	2981.4	3037.0	2981.4
42.5°	3707.9	3449.2	3190.5	3112.1	3033.6	3243.3	3453.0	3656.0	3859.0	3978.1	3859.0
45°	4137.8	3905.5	3673.0	3638.4	3603.7	3939.7	4275.8	4609.3	4942.9	5145.4	4942.9
47.5°	4675.4	4449.4	4223.3	4216.2	4209.3	4693.9	5178.5	5666.8	6155.0	6441.7	6155.0
50°	5380.1	5100.9	4821.7	4822.8	4824.1	5448.7	6073.3	6718.0	7362.5	7752.1	7362.5
52.5°	6189.1	5850.9	5512.8	5478.6	5444.4	6190.5	6936.7	7734.1	8531.5	8998.6	8531.5
55°	7050.3	6716.1	6382.1	6248.8	6115.5	6945.9	7776.3	8727.0	9677.6	10233.2	9677.6
57.5°	7833.6	7651.6	7469.6	7202.3	6934.9	7773.5	8612.0	9688.8	10765.6	11454.5	10765.6
60°	8306.9	8589.5	8872.1	8540.2	8208.2	9001.7	9795.2	10948.1	12101.0	12845.5	12101.0
62.5°	8066.5	8838.7	9610.8	9573.4	9535.9	10262.8	10989.8	12086.7	13183.4	13871.6	13183.4
65°	7585.4	8310.1	9034.8	9178.2	9321.5	10245.3	11169.1	12232.8	13296.3	13882.2	13296.3
67.5°	6940.8	7630.0	8319.2	8386.4	8453.6	9416.2	10378.6	11446.8	12514.9	12973.9	12514.9
70°	6166.2	6915.9	7665.7	7695.7	7725.7	8586.5	9447.2	10366.4	11285.7	11540.8	11285.7
72.5°	5243.3	6103.6	6964.0	6985.5	7007.1	7680.5	8354.0	9042.4	9730.8	9756.7	9730.8
75°	4075.7	4966.1	5856.5	5936.5	6016.3	6540.3	7064.3	7548.9	8033.5	7903.7	8033.5
77.5°	2912.0	3743.2	4574.4	4688.8	4803.3	5201.6	5599.8	5943.6	6287.3	6064.1	6287.3
80°	1905.9	2605.1	3304.4	3446.6	3588.7	3889.6	4190.3	4370.8	4551.2	4192.2	4551.2
82.5°	1107.9	1586.0	2064.0	2222.9	2381.8	2588.8	2795.9	2871.2	2946.5	2664.3	2946.5
85°	487.5	741.2	994.9	1130.0	1265.2	1435.2	1605.4	1648.1	1690.8	1464.8	1690.8
87.5°	150.9	236.2	321.4	396.9	472.2	557.3	642.4	646.0	649.5	545.3	649.5
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°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	2018.9	2015.8	2009.4	2003.2	1992.5	1981.9	1974.5	1967.0	1951.9	1936.8	1920.7
5°	2255.5	2247.0	2233.0	2218.9	2193.1	2167.3	2141.1	2115.1	2081.8	2048.4	2015.2
7.5°	2483.2	2470.7	2447.8	2424.8	2386.7	2348.6	2306.2	2263.8	2208.9	2153.8	2103.1
10°	2633.6	2621.6	2594.7	2567.5	2522.8	2478.1	2428.0	2377.9	2308.4	2238.8	2171.7
12.5°	2682.9	2676.4	2656.7	2637.0	2596.7	2556.4	2502.1	2447.8	2371.3	2295.0	2218.9
15°	2629.0	2636.1	2635.4	2634.7	2609.2	2583.9	2537.1	2490.2	2410.6	2330.8	2248.3
17.5°	2495.4	2521.5	2549.9	2578.3	2577.9	2577.4	2545.7	2514.1	2433.2	2352.5	2262.5
20°	2324.6	2370.3	2433.0	2495.9	2529.2	2562.5	2551.4	2540.4	2456.4	2372.5	2273.4
22.5°	2162.1	2219.3	2311.6	2403.9	2472.9	2542.0	2556.5	2570.9	2485.2	2399.3	2288.3
25°	2025.0	2085.1	2197.2	2309.3	2414.2	2519.0	2564.7	2610.3	2526.1	2442.2	2315.3
27.5°	1915.1	1974.3	2098.5	2222.7	2361.5	2500.4	2582.0	2663.6	2583.4	2503.2	2357.4
30°	1836.7	1891.5	2021.0	2150.3	2321.3	2492.3	2613.9	2735.5	2658.0	2580.6	2411.9
32.5°	1814.2	1857.3	1978.9	2100.5	2294.0	2487.4	2653.9	2820.5	2743.7	2667.0	2468.9
35°	1934.0	1944.0	2028.5	2112.9	2314.4	2516.1	2719.8	2923.6	2850.2	2776.7	2533.7
37.5°	2286.4	2240.4	2246.0	2251.4	2434.6	2617.8	2857.6	3097.3	3003.7	2910.1	2606.4
40°	2869.8	2758.2	2662.0	2565.9	2702.1	2838.3	3099.1	3359.8	3223.4	3087.0	2698.6
42.5°	3656.0	3453.0	3243.3	3033.6	3112.1	3190.5	3449.2	3707.9	3511.0	3314.0	2819.3
45°	4609.3	4275.8	3939.7	3603.7	3638.4	3673.0	3905.5	4137.8	3872.1	3606.6	2978.0
47.5°	5666.8	5178.5	4693.9	4209.3	4216.2	4223.3	4449.4	4675.4	4301.6	3927.6	3147.2
50°	6718.0	6073.3	5448.7	4824.1	4822.8	4821.7	5100.9	5380.1	4816.5	4252.7	3304.1
52.5°	7734.1	6936.7	6190.5	5444.4	5478.6	5512.8	5850.9	6189.1	5357.4	4525.6	3406.0
55°	8727.0	7776.3	6945.9	6115.5	6248.8	6382.1	6716.1	7050.3	5836.9	4623.6	3383.5
57.5°	9688.8	8612.0	7773.5	6934.9	7202.3	7469.6	7651.6	7833.6	6176.6	4519.8	3225.5
60°	10948.1	9795.2	9001.7	8208.2	8540.2	8872.1	8589.5	8306.9	6261.6	4216.2	2931.3
62.5°	12086.7	10989.8	10262.8	9535.9	9573.4	9610.8	8838.7	8066.5	5904.0	3741.5	2533.6
65°	12232.8	11169.1	10245.3	9321.5	9178.2	9034.8	8310.1	7585.4	5398.1	3210.7	2127.8
67.5°	11446.8	10378.6	9416.2	8453.6	8386.4	8319.2	7630.0	6940.8	4795.9	2651.1	1730.2
70°	10366.4	9447.2	8586.5	7725.7	7695.7	7665.7	6915.9	6166.2	4138.8	2111.6	1362.3
72.5°	9042.4	8354.0	7680.5	7007.1	6985.5	6964.0	6103.6	5243.3	3426.7	1610.1	1041.5
75°	7548.9	7064.3	6540.3	6016.3	5936.5	5856.5	4966.1	4075.7	2610.2	1144.6	755.9
77.5°	5943.6	5599.8	5201.6	4803.3	4688.8	4574.4	3743.2	2912.0	1826.9	741.7	512.2
80°	4370.8	4190.3	3889.6	3588.7	3446.6	3304.4	2605.1	1905.9	1177.0	448.1	330.0
82.5°	2871.2	2795.9	2588.8	2381.8	2222.9	2064.0	1586.0	1107.9	681.2	254.6	203.0
85°	1648.1	1605.4	1435.2	1265.2	1130.0	994.9	741.2	487.5	306.5	125.5	108.5
87.5°	646.0	642.4	557.3	472.2	396.9	321.4	236.2	150.9	100.3	49.8	45.0
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°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1904.8	1888.6	1872.5	1857.0	1841.5	1826.7	1809.9	1796.5	1783.1	1771.0	1758.9
5°	1981.9	1948.4	1915.0	1883.8	1852.6	1823.1	1794.0	1768.5	1743.1	1721.8	1700.5
7.5°	2052.3	2002.7	1953.2	1909.7	1866.1	1825.9	1788.2	1754.4	1720.7	1692.6	1664.5
10°	2104.5	2044.5	1984.3	1932.8	1881.2	1831.5	1791.0	1755.4	1719.7	1691.7	1663.6
12.5°	2142.8	2071.9	2001.0	1942.7	1884.4	1832.2	1794.6	1765.4	1736.2	1717.6	1699.0
15°	2165.8	2084.2	2002.5	1935.0	1867.5	1809.7	1779.6	1765.6	1751.7	1754.3	1756.7
17.5°	2172.4	2077.7	1982.9	1901.7	1820.5	1752.5	1734.0	1739.1	1744.1	1774.7	1805.3
20°	2174.5	2059.7	1944.8	1844.2	1743.5	1664.5	1659.6	1683.5	1707.2	1760.4	1813.6
22.5°	2177.3	2037.7	1898.0	1776.7	1655.6	1565.5	1575.1	1610.5	1645.7	1706.4	1767.2
25°	2188.4	2015.9	1843.5	1701.5	1559.5	1467.3	1493.2	1533.9	1574.6	1629.1	1683.8
27.5°	2211.5	2001.4	1791.2	1632.6	1474.1	1390.0	1421.7	1460.9	1500.2	1545.1	1589.9
30°	2243.3	1994.5	1745.7	1575.0	1404.5	1333.9	1358.6	1389.8	1421.2	1458.4	1495.6
32.5°	2270.7	1986.1	1701.5	1525.4	1349.3	1292.5	1303.5	1321.9	1340.4	1370.1	1399.8
35°	2290.8	1970.3	1649.9	1476.6	1303.4	1256.0	1251.4	1256.4	1261.6	1284.2	1306.9
37.5°	2302.7	1943.1	1583.5	1419.2	1254.9	1213.5	1196.8	1191.3	1185.6	1201.9	1218.1
40°	2310.1	1905.7	1501.3	1350.7	1200.2	1162.7	1137.0	1124.3	1111.6	1123.3	1135.1
42.5°	2324.4	1867.1	1409.9	1275.1	1140.4	1105.8	1073.5	1056.7	1039.9	1049.4	1058.9
45°	2349.5	1831.3	1313.0	1194.8	1076.7	1041.6	1010.3	993.9	977.5	985.5	993.7
47.5°	2366.7	1801.6	1236.6	1131.3	1026.1	980.8	954.0	940.2	926.5	934.1	941.6
50°	2355.4	1769.4	1183.2	1089.2	995.1	935.6	904.4	892.2	880.0	891.7	903.6
52.5°	2286.4	1714.8	1143.4	1061.4	979.5	911.0	867.4	855.3	843.3	861.0	878.7
55°	2143.5	1624.4	1105.3	1041.2	977.1	913.5	847.7	828.6	809.6	834.8	860.0
57.5°	1931.2	1496.9	1062.6	1017.3	972.1	915.9	835.9	808.1	780.3	807.4	834.6
60°	1646.5	1331.5	1016.4	980.8	945.3	908.3	824.8	788.8	752.8	776.5	800.2
62.5°	1325.6	1133.3	941.1	917.4	893.8	889.3	811.9	766.9	721.9	737.0	752.0
65°	1045.0	955.2	865.4	854.2	843.1	843.7	784.6	736.8	688.9	694.7	700.5
67.5°	809.3	783.9	758.4	764.6	770.8	769.3	736.2	696.3	656.4	654.6	652.7
70°	613.1	620.3	627.6	656.5	685.4	685.4	674.4	646.2	617.8	611.5	605.2
72.5°	472.9	494.9	516.9	557.9	598.8	605.7	605.9	586.4	566.9	557.7	548.5
75°	367.3	387.1	407.1	452.9	498.9	530.6	528.0	513.0	497.9	489.1	480.2
77.5°	282.7	296.2	309.9	354.4	399.0	451.3	449.9	437.9	425.9	416.9	408.0
80°	212.0	217.6	223.1	261.0	298.7	361.1	360.9	350.9	340.7	333.2	325.6
82.5°	151.5	152.4	153.5	181.3	209.2	262.5	265.5	260.6	255.6	250.3	245.0
85°	91.6	91.1	90.5	110.9	131.2	170.9	174.8	169.5	164.2	158.3	152.3
87.5°	40.2	39.7	39.2	47.5	55.8	72.3	77.2	75.1	73.0	71.9	70.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P962579

CATALOG NUMBER: NAV-SB2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1748.2	1737.7	1727.0	1716.4	1708.2	1700.0	1693.3	1686.5	1681.4	1676.2	1671.5
5°	1681.7	1662.9	1645.8	1628.7	1615.5	1602.4	1593.2	1583.9	1577.5	1570.9	1565.9
7.5°	1640.8	1617.1	1596.2	1575.3	1559.6	1544.1	1533.2	1522.2	1514.7	1507.3	1502.8
10°	1638.1	1612.5	1589.1	1565.5	1546.8	1528.1	1515.9	1503.6	1496.4	1489.3	1485.5
12.5°	1679.1	1659.1	1634.7	1610.5	1586.6	1562.7	1546.9	1531.1	1523.1	1515.4	1512.1
15°	1751.6	1746.4	1725.3	1704.2	1670.1	1636.2	1612.2	1588.1	1577.2	1566.2	1562.0
17.5°	1821.6	1837.8	1820.8	1803.8	1758.8	1713.8	1678.4	1643.1	1626.8	1610.5	1605.0
20°	1847.7	1881.7	1873.8	1865.9	1814.5	1763.1	1719.7	1676.4	1655.6	1634.7	1628.0
22.5°	1811.5	1855.8	1860.5	1865.2	1816.1	1766.9	1722.3	1677.6	1655.6	1633.5	1626.3
25°	1727.3	1771.0	1787.2	1803.5	1763.2	1722.9	1683.3	1643.6	1624.5	1605.6	1598.6
27.5°	1624.8	1659.8	1677.9	1696.1	1667.4	1638.7	1607.9	1577.1	1564.4	1551.4	1548.4
30°	1524.5	1553.6	1568.4	1583.0	1561.3	1539.3	1517.3	1495.1	1488.6	1481.9	1481.9
32.5°	1427.6	1455.5	1471.9	1488.3	1468.2	1448.1	1430.5	1412.9	1408.6	1404.2	1404.9
35°	1334.3	1362.0	1381.6	1401.3	1386.9	1372.7	1356.4	1340.2	1333.7	1327.3	1325.8
37.5°	1245.6	1273.0	1297.3	1321.6	1315.0	1308.4	1293.4	1278.5	1266.6	1254.8	1248.6
40°	1161.6	1188.1	1216.1	1244.0	1245.7	1247.2	1234.5	1221.8	1204.6	1187.5	1175.8
42.5°	1084.1	1109.3	1139.5	1169.6	1177.7	1185.8	1175.1	1164.4	1143.0	1121.6	1104.6
45°	1017.5	1041.4	1072.8	1104.0	1115.6	1127.2	1117.6	1107.9	1083.4	1058.9	1039.1
47.5°	964.9	988.2	1019.2	1050.0	1063.3	1076.7	1069.9	1063.2	1041.4	1019.7	1001.3
50°	925.7	947.6	975.3	1003.0	1020.1	1037.2	1036.8	1036.5	1019.2	1001.7	984.7
52.5°	898.9	919.1	944.8	970.7	991.0	1011.3	1014.9	1018.5	1004.4	990.1	975.0
55°	881.7	903.4	926.1	948.5	970.1	991.6	996.6	1001.7	989.3	977.0	963.7
57.5°	860.1	885.6	907.9	930.3	952.0	973.6	978.8	983.9	971.4	958.9	945.7
60°	829.6	859.0	881.6	904.4	926.1	947.9	953.5	959.1	946.9	934.7	921.2
62.5°	786.3	820.5	844.7	868.9	888.9	908.8	914.2	919.6	908.6	897.6	883.2
65°	737.1	773.8	796.9	820.1	837.6	855.3	860.8	866.2	855.7	845.0	831.2
67.5°	686.5	720.5	742.4	764.3	779.5	794.7	800.0	805.3	795.6	786.0	773.1
70°	634.9	664.7	683.6	702.5	716.3	729.9	735.1	740.4	732.4	724.5	712.1
72.5°	571.9	595.3	612.4	629.6	643.0	656.4	662.6	668.7	662.2	655.6	643.7
75°	497.6	515.1	530.5	546.0	558.2	570.5	577.0	583.4	580.2	577.0	567.0
77.5°	422.1	436.2	449.6	462.9	475.7	488.5	494.6	500.6	496.1	491.5	481.4
80°	337.4	349.2	360.4	371.7	381.4	391.0	399.0	407.1	405.1	403.2	389.8
82.5°	244.0	243.0	239.0	235.1	255.9	276.6	290.3	303.9	303.1	302.2	290.9
85°	147.3	142.2	131.2	120.3	139.8	159.3	176.2	193.0	191.6	190.2	181.3
87.5°	70.5	70.3	62.0	53.7	61.8	70.0	76.9	83.6	82.0	80.2	75.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P962579

CATALOG NUMBER: NAV-SB2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1666.5	1660.6	1666.5	1671.5	1676.2	1681.4	1686.5	1693.3	1700.0	1708.2	1716.4
5°	1561.0	1556.1	1561.0	1565.9	1570.9	1577.5	1583.9	1593.2	1602.4	1615.5	1628.7
7.5°	1498.3	1495.0	1498.3	1502.8	1507.3	1514.7	1522.2	1533.2	1544.1	1559.6	1575.3
10°	1481.7	1480.2	1481.7	1485.5	1489.3	1496.4	1503.6	1515.9	1528.1	1546.8	1565.5
12.5°	1508.9	1508.3	1508.9	1512.1	1515.4	1523.1	1531.1	1546.9	1562.7	1586.6	1610.5
15°	1557.8	1557.5	1557.8	1562.0	1566.2	1577.2	1588.1	1612.2	1636.2	1670.1	1704.2
17.5°	1599.7	1598.9	1599.7	1605.0	1610.5	1626.8	1643.1	1678.4	1713.8	1758.8	1803.8
20°	1621.3	1619.2	1621.3	1628.0	1634.7	1655.6	1676.4	1719.7	1763.1	1814.5	1865.9
22.5°	1618.9	1615.7	1618.9	1626.3	1633.5	1655.6	1677.6	1722.3	1766.9	1816.1	1865.2
25°	1591.7	1587.6	1591.7	1598.6	1605.6	1624.5	1643.6	1683.3	1722.9	1763.2	1803.5
27.5°	1545.2	1544.1	1545.2	1548.4	1551.4	1564.4	1577.1	1607.9	1638.7	1667.4	1696.1
30°	1481.9	1483.1	1481.9	1481.9	1481.9	1488.6	1495.1	1517.3	1539.3	1561.3	1583.0
32.5°	1405.5	1406.5	1405.5	1404.9	1404.2	1408.6	1412.9	1430.5	1448.1	1468.2	1488.3
35°	1324.4	1323.7	1324.4	1325.8	1327.3	1333.7	1340.2	1356.4	1372.7	1386.9	1401.3
37.5°	1242.3	1238.8	1242.3	1248.6	1254.8	1266.6	1278.5	1293.4	1308.4	1315.0	1321.6
40°	1164.3	1157.3	1164.3	1175.8	1187.5	1204.6	1221.8	1234.5	1247.2	1245.7	1244.0
42.5°	1087.7	1076.7	1087.7	1104.6	1121.6	1143.0	1164.4	1175.1	1185.8	1177.7	1169.6
45°	1019.3	1006.4	1019.3	1039.1	1058.9	1083.4	1107.9	1117.6	1127.2	1115.6	1104.0
47.5°	983.0	970.7	983.0	1001.3	1019.7	1041.4	1063.2	1069.9	1076.7	1063.3	1050.0
50°	967.7	955.9	967.7	984.7	1001.7	1019.2	1036.5	1036.8	1037.2	1020.1	1003.0
52.5°	959.8	948.9	959.8	975.0	990.1	1004.4	1018.5	1014.9	1011.3	991.0	970.7
55°	950.3	940.5	950.3	963.7	977.0	989.3	1001.7	996.6	991.6	970.1	948.5
57.5°	932.4	922.3	932.4	945.7	958.9	971.4	983.9	978.8	973.6	952.0	930.3
60°	907.5	897.0	907.5	921.2	934.7	946.9	959.1	953.5	947.9	926.1	904.4
62.5°	868.9	856.3	868.9	883.2	897.6	908.6	919.6	914.2	908.8	888.9	868.9
65°	817.3	806.5	817.3	831.2	845.0	855.7	866.2	860.8	855.3	837.6	820.1
67.5°	760.1	750.3	760.1	773.1	786.0	795.6	805.3	800.0	794.7	779.5	764.3
70°	699.8	688.5	699.8	712.1	724.5	732.4	740.4	735.1	729.9	716.3	702.5
72.5°	632.0	621.2	632.0	643.7	655.6	662.2	668.7	662.6	656.4	643.0	629.6
75°	557.2	546.7	557.2	567.0	577.0	580.2	583.4	577.0	570.5	558.2	546.0
77.5°	471.5	463.2	471.5	481.4	491.5	496.1	500.6	494.6	488.5	475.7	462.9
80°	376.4	360.8	376.4	389.8	403.2	405.1	407.1	399.0	391.0	381.4	371.7
82.5°	279.5	269.5	279.5	290.9	302.2	303.1	303.9	290.3	276.6	255.9	235.1
85°	172.5	163.5	172.5	181.3	190.2	191.6	193.0	176.2	159.3	139.8	120.3
87.5°	71.0	66.7	71.0	75.6	80.2	82.0	83.6	76.9	70.0	61.8	53.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P962579

CATALOG NUMBER: NAV-SB2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1727.0	1737.7	1748.2	1758.9	1771.0	1783.1	1796.5	1809.9	1826.7	1841.5	1857.0
5°	1645.8	1662.9	1681.7	1700.5	1721.8	1743.1	1768.5	1794.0	1823.1	1852.6	1883.8
7.5°	1596.2	1617.1	1640.8	1664.5	1692.6	1720.7	1754.4	1788.2	1825.9	1866.1	1909.7
10°	1589.1	1612.5	1638.1	1663.6	1691.7	1719.7	1755.4	1791.0	1831.5	1881.2	1932.8
12.5°	1634.7	1659.1	1679.1	1699.0	1717.6	1736.2	1765.4	1794.6	1832.2	1884.4	1942.7
15°	1725.3	1746.4	1751.6	1756.7	1754.3	1751.7	1765.6	1779.6	1809.7	1867.5	1935.0
17.5°	1820.8	1837.8	1821.6	1805.3	1774.7	1744.1	1739.1	1734.0	1752.5	1820.5	1901.7
20°	1873.8	1881.7	1847.7	1813.6	1760.4	1707.2	1683.5	1659.6	1664.5	1743.5	1844.2
22.5°	1860.5	1855.8	1811.5	1767.2	1706.4	1645.7	1610.5	1575.1	1565.5	1655.6	1776.7
25°	1787.2	1771.0	1727.3	1683.8	1629.1	1574.6	1533.9	1493.2	1467.3	1559.5	1701.5
27.5°	1677.9	1659.8	1624.8	1589.9	1545.1	1500.2	1460.9	1421.7	1390.0	1474.1	1632.6
30°	1568.4	1553.6	1524.5	1495.6	1458.4	1421.2	1389.8	1358.6	1333.9	1404.5	1575.0
32.5°	1471.9	1455.5	1427.6	1399.8	1370.1	1340.4	1321.9	1303.5	1292.5	1349.3	1525.4
35°	1381.6	1362.0	1334.3	1306.9	1284.2	1261.6	1256.4	1251.4	1256.0	1303.4	1476.6
37.5°	1297.3	1273.0	1245.6	1218.1	1201.9	1185.6	1191.3	1196.8	1213.5	1254.9	1419.2
40°	1216.1	1188.1	1161.6	1135.1	1123.3	1111.6	1124.3	1137.0	1162.7	1200.2	1350.7
42.5°	1139.5	1109.3	1084.1	1058.9	1049.4	1039.9	1056.7	1073.5	1105.8	1140.4	1275.1
45°	1072.8	1041.4	1017.5	993.7	985.5	977.5	993.9	1010.3	1041.6	1076.7	1194.8
47.5°	1019.2	988.2	964.9	941.6	934.1	926.5	940.2	954.0	980.8	1026.1	1131.3
50°	975.3	947.6	925.7	903.6	891.7	880.0	892.2	904.4	935.6	995.1	1089.2
52.5°	944.8	919.1	898.9	878.7	861.0	843.3	855.3	867.4	911.0	979.5	1061.4
55°	926.1	903.4	881.7	860.0	834.8	809.6	828.6	847.7	913.5	977.1	1041.2
57.5°	907.9	885.6	860.1	834.6	807.4	780.3	808.1	835.9	915.9	972.1	1017.3
60°	881.6	859.0	829.6	800.2	776.5	752.8	788.8	824.8	908.3	945.3	980.8
62.5°	844.7	820.5	786.3	752.0	737.0	721.9	766.9	811.9	889.3	893.8	917.4
65°	796.9	773.8	737.1	700.5	694.7	688.9	736.8	784.6	843.7	843.1	854.2
67.5°	742.4	720.5	686.5	652.7	654.6	656.4	696.3	736.2	769.3	770.8	764.6
70°	683.6	664.7	634.9	605.2	611.5	617.8	646.2	674.4	685.4	685.4	656.5
72.5°	612.4	595.3	571.9	548.5	557.7	566.9	586.4	605.9	605.7	598.8	557.9
75°	530.5	515.1	497.6	480.2	489.1	497.9	513.0	528.0	530.6	498.9	452.9
77.5°	449.6	436.2	422.1	408.0	416.9	425.9	437.9	449.9	451.3	399.0	354.4
80°	360.4	349.2	337.4	325.6	333.2	340.7	350.9	360.9	361.1	298.7	261.0
82.5°	239.0	243.0	244.0	245.0	250.3	255.6	260.6	265.5	262.5	209.2	181.3
85°	131.2	142.2	147.3	152.3	158.3	164.2	169.5	174.8	170.9	131.2	110.9
87.5°	62.0	70.3	70.5	70.7	71.9	73.0	75.1	77.2	72.3	55.8	47.5
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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CATALOG NUMBER: NAV-SB2C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0	1829.0
2.5°	1872.5	1888.6	1904.8	1920.7	1936.8	1951.9	1967.0
5°	1915.0	1948.4	1981.9	2015.2	2048.4	2081.8	2115.1
7.5°	1953.2	2002.7	2052.3	2103.1	2153.8	2208.9	2263.8
10°	1984.3	2044.5	2104.5	2171.7	2238.8	2308.4	2377.9
12.5°	2001.0	2071.9	2142.8	2218.9	2295.0	2371.3	2447.8
15°	2002.5	2084.2	2165.8	2248.3	2330.8	2410.6	2490.2
17.5°	1982.9	2077.7	2172.4	2262.5	2352.5	2433.2	2514.1
20°	1944.8	2059.7	2174.5	2273.4	2372.5	2456.4	2540.4
22.5°	1898.0	2037.7	2177.3	2288.3	2399.3	2485.2	2570.9
25°	1843.5	2015.9	2188.4	2315.3	2442.2	2526.1	2610.3
27.5°	1791.2	2001.4	2211.5	2357.4	2503.2	2583.4	2663.6
30°	1745.7	1994.5	2243.3	2411.9	2580.6	2658.0	2735.5
32.5°	1701.5	1986.1	2270.7	2468.9	2667.0	2743.7	2820.5
35°	1649.9	1970.3	2290.8	2533.7	2776.7	2850.2	2923.6
37.5°	1583.5	1943.1	2302.7	2606.4	2910.1	3003.7	3097.3
40°	1501.3	1905.7	2310.1	2698.6	3087.0	3223.4	3359.8
42.5°	1409.9	1867.1	2324.4	2819.3	3314.0	3511.0	3707.9
45°	1313.0	1831.3	2349.5	2978.0	3606.6	3872.1	4137.8
47.5°	1236.6	1801.6	2366.7	3147.2	3927.6	4301.6	4675.4
50°	1183.2	1769.4	2355.4	3304.1	4252.7	4816.5	5380.1
52.5°	1143.4	1714.8	2286.4	3406.0	4525.6	5357.4	6189.1
55°	1105.3	1624.4	2143.5	3383.5	4623.6	5836.9	7050.3
57.5°	1062.6	1496.9	1931.2	3225.5	4519.8	6176.6	7833.6
60°	1016.4	1331.5	1646.5	2931.3	4216.2	6261.6	8306.9
62.5°	941.1	1133.3	1325.6	2533.6	3741.5	5904.0	8066.5
65°	865.4	955.2	1045.0	2127.8	3210.7	5398.1	7585.4
67.5°	758.4	783.9	809.3	1730.2	2651.1	4795.9	6940.8
70°	627.6	620.3	613.1	1362.3	2111.6	4138.8	6166.2
72.5°	516.9	494.9	472.9	1041.5	1610.1	3426.7	5243.3
75°	407.1	387.1	367.3	755.9	1144.6	2610.2	4075.7
77.5°	309.9	296.2	282.7	512.2	741.7	1826.9	2912.0
80°	223.1	217.6	212.0	330.0	448.1	1177.0	1905.9
82.5°	153.5	152.4	151.5	203.0	254.6	681.2	1107.9
85°	90.5	91.1	91.6	108.5	125.5	306.5	487.5
87.5°	39.2	39.7	40.2	45.0	49.8	100.3	150.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)