

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: P961463

Luminaire Tested: **NAV-SB2A-750-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P961463
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-SB2A-750-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 5000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9693.4 lumens
Efficiency: N/A
Efficacy: 169.2 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): 57.3
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



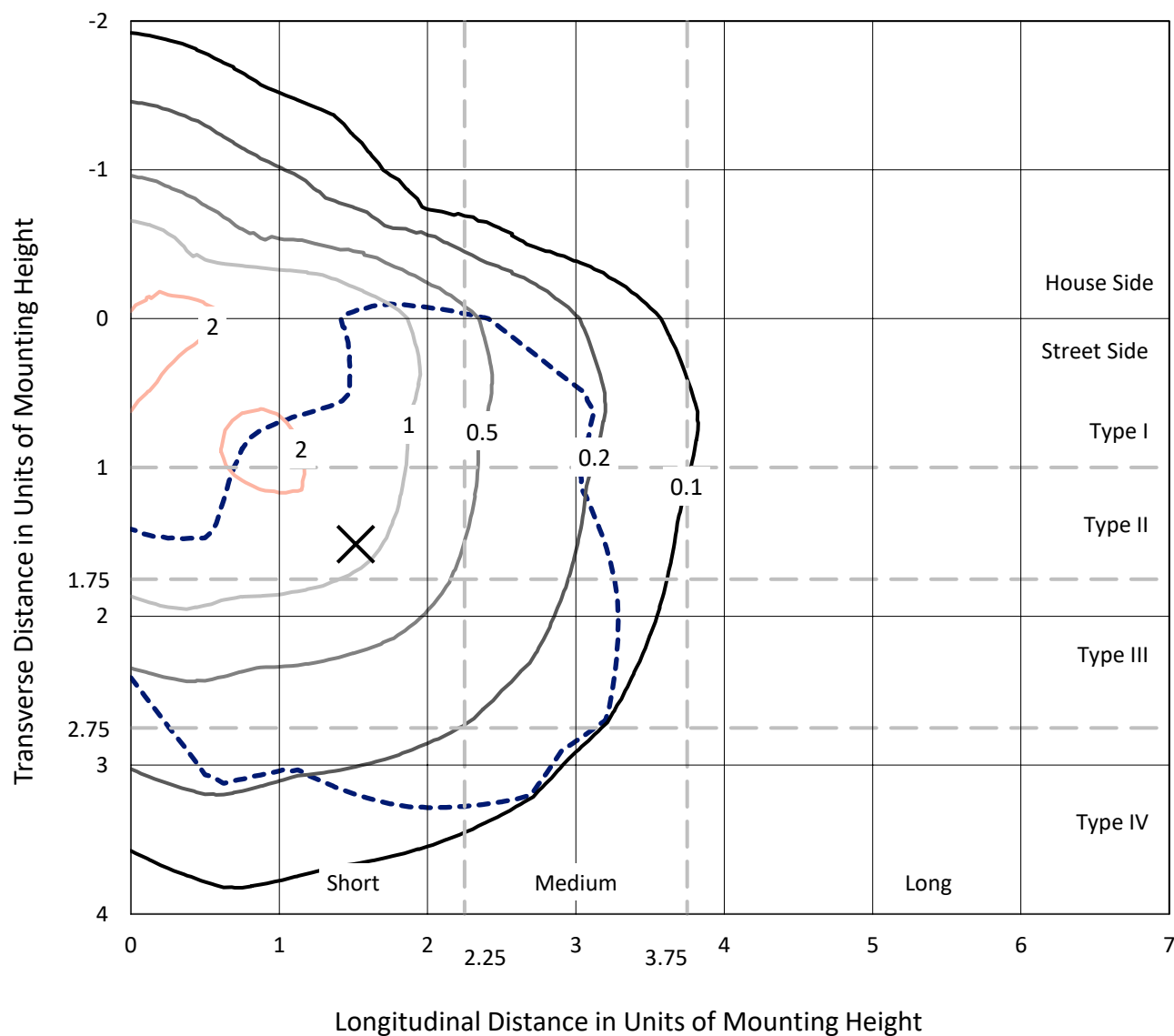
REPORT NUMBER: P961463

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

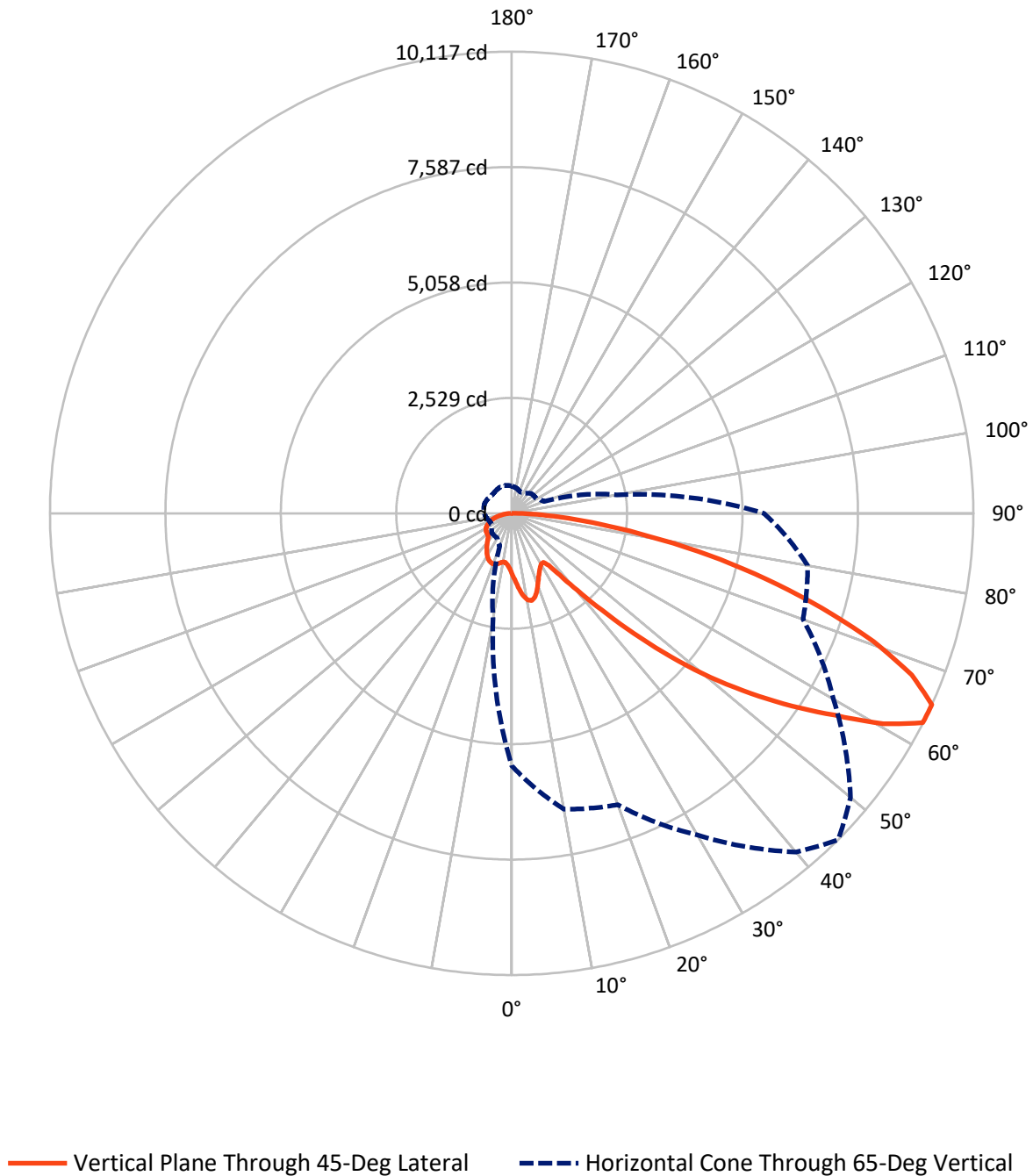


Based on 25 foot mounting height. Maximum calculated value = 3 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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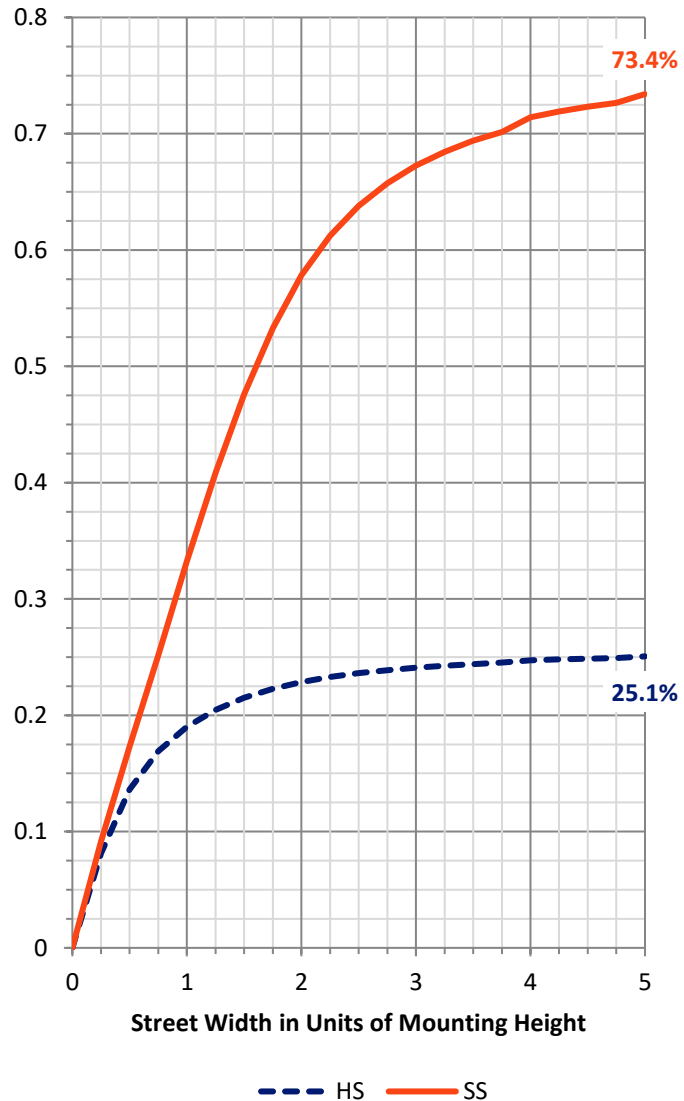
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2463.6	0.0	2463.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7229.8	0.0	7229.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	9693.4	0.0	9693.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.2	1.4
10°-20°	415.1	4.3
20°-30°	641.2	6.6
30°-40°	812.5	8.4
40°-50°	1225.5	12.6
50°-60°	1979.9	20.4
60°-70°	2468.3	25.5
70°-80°	1618.6	16.7
80°-90°	400.1	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°	9693.4	100.0
0°-180°	9693.4	100.0

Coefficient of Utilization



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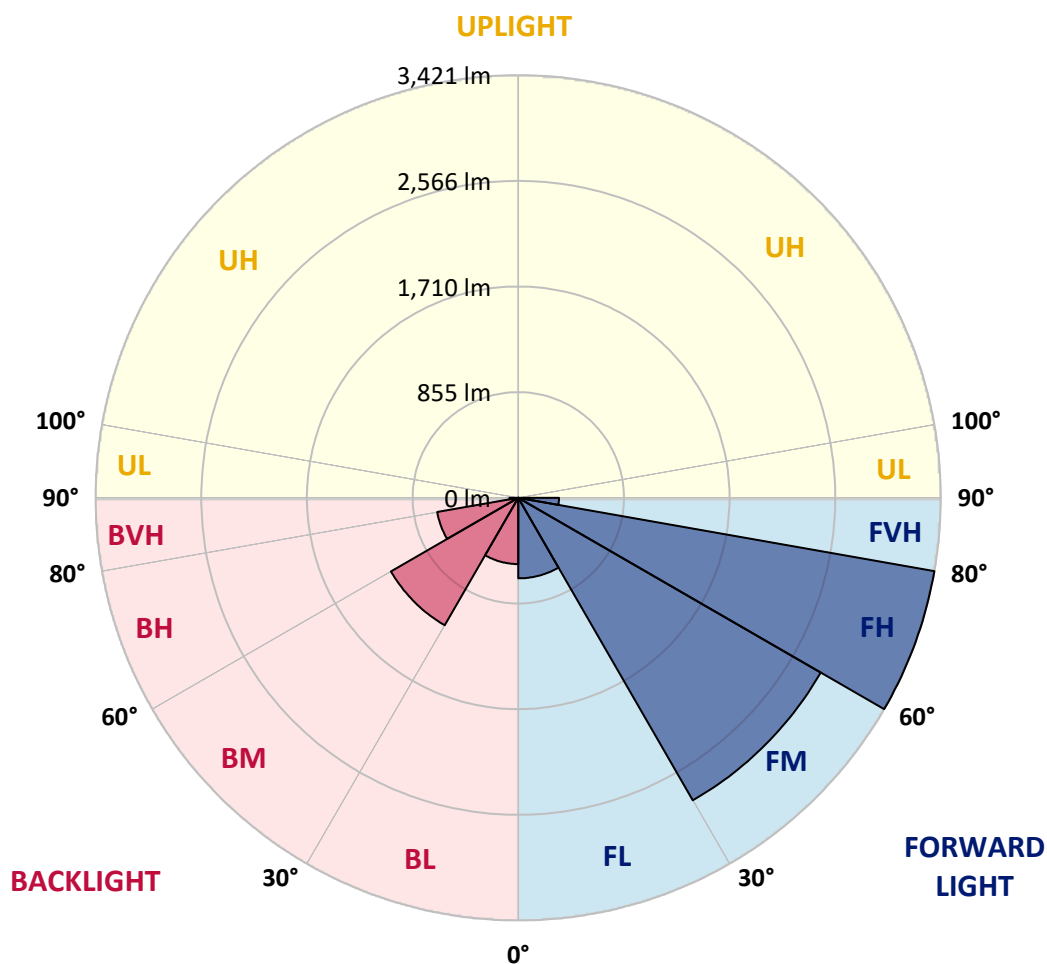
CATALOG NUMBER: NAV-SB2A-750-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	652.0	6.7			
FM	(30°-60°)	2827.4	29.2			
FH	(60°-80°)	3420.8	35.3			G2/5000
FVH	(80°-90°)	329.6	3.4			G3/500
BL	(0°-30°)	536.5	5.5	B2/1000		
BM	(30°-60°)	1190.6	12.3	B2/2500		
BH	(60°-80°)	666.0	6.9	B2/1000		G2/1000
BVH	(80°-90°)	70.5	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°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1433.5	1438.9	1444.3	1452.0	1459.8	1464.4	1469.0	1471.3	1473.5	1472.5	1473.5
5°	1541.4	1560.4	1579.3	1598.2	1617.0	1627.3	1637.5	1643.7	1649.9	1654.7	1649.9
7.5°	1649.8	1680.7	1711.5	1739.3	1767.1	1783.8	1800.5	1809.5	1818.6	1823.0	1818.6
10°	1732.9	1769.5	1805.9	1838.5	1871.1	1890.8	1910.5	1919.3	1928.0	1931.4	1928.0
12.5°	1783.8	1823.4	1862.9	1892.4	1921.8	1936.1	1950.4	1955.2	1960.0	1960.5	1960.0
15°	1814.8	1848.9	1883.0	1901.5	1920.0	1920.5	1921.1	1915.9	1910.8	1904.8	1910.8
17.5°	1832.2	1855.2	1878.3	1878.6	1878.9	1858.2	1837.5	1818.6	1799.5	1786.1	1799.5
20°	1851.4	1859.4	1867.4	1843.2	1818.9	1773.1	1727.4	1694.1	1660.8	1640.3	1660.8
22.5°	1873.6	1863.0	1852.5	1802.2	1751.8	1684.6	1617.3	1575.6	1534.0	1511.5	1534.0
25°	1902.2	1869.0	1835.7	1759.3	1682.8	1601.2	1519.6	1475.7	1432.0	1410.7	1432.0
27.5°	1941.0	1881.7	1822.1	1721.0	1619.8	1529.2	1438.7	1395.6	1352.6	1332.4	1352.6
30°	1993.5	1904.9	1816.3	1691.7	1567.1	1472.7	1378.4	1338.5	1298.6	1279.7	1298.6
32.5°	2055.4	1934.1	1812.7	1671.8	1530.7	1442.2	1353.5	1322.1	1290.8	1277.1	1290.8
35°	2130.6	1982.0	1833.5	1686.6	1539.9	1478.3	1416.8	1409.4	1402.1	1401.0	1402.1
37.5°	2257.2	2082.5	1907.7	1774.3	1640.7	1636.7	1632.7	1666.2	1699.7	1717.1	1699.7
40°	2448.5	2258.5	2068.4	1969.1	1869.9	1939.9	2010.0	2091.4	2172.7	2213.2	2172.7
42.5°	2702.2	2513.6	2325.1	2267.9	2210.7	2363.5	2516.4	2664.3	2812.3	2899.1	2812.3
45°	3015.4	2846.1	2676.7	2651.5	2626.3	2871.0	3116.0	3359.0	3602.2	3749.7	3602.2
47.5°	3407.3	3242.5	3077.7	3072.6	3067.5	3420.7	3773.8	4129.7	4485.5	4694.4	4485.5
50°	3920.8	3717.3	3513.8	3514.6	3515.5	3970.7	4426.0	4895.7	5365.4	5649.4	5365.4
52.5°	4510.3	4263.8	4017.5	3992.6	3967.6	4511.3	5055.1	5636.3	6217.3	6557.7	6217.3
55°	5137.9	4894.4	4650.9	4553.8	4456.7	5061.9	5667.0	6359.8	7052.6	7457.5	7052.6
57.5°	5708.6	5576.1	5443.5	5248.6	5053.9	5665.0	6276.0	7060.7	7845.5	8347.4	7845.5
60°	6053.6	6259.6	6465.6	6223.6	5981.7	6560.0	7138.3	7978.5	8818.6	9361.2	8818.6
62.5°	5878.5	6441.2	7003.8	6976.6	6949.3	7479.0	8008.8	8808.1	9607.4	10109.0	9607.4
65°	5527.8	6056.0	6584.1	6688.5	6793.0	7466.2	8139.5	8914.6	9689.6	10116.6	9689.6
67.5°	5058.1	5560.3	6062.7	6111.7	6160.6	6862.1	7563.5	8341.9	9120.2	9454.8	9120.2
70°	4493.6	5039.9	5586.4	5608.2	5630.1	6257.4	6884.7	7554.6	8224.4	8410.3	8224.4
72.5°	3821.1	4448.0	5075.0	5090.7	5106.4	5597.2	6088.0	6589.6	7091.4	7110.1	7091.4
75°	2970.1	3619.1	4267.9	4326.2	4384.4	4766.2	5148.1	5501.3	5854.5	5759.8	5854.5
77.5°	2122.2	2727.8	3333.6	3416.9	3500.4	3790.7	4080.8	4331.3	4581.9	4419.2	4581.9
80°	1389.0	1898.5	2408.0	2511.7	2615.3	2834.5	3053.7	3185.2	3316.7	3055.1	3316.7
82.5°	807.4	1155.8	1504.2	1619.9	1735.7	1886.6	2037.5	2092.3	2147.2	1941.6	2147.2
85°	355.3	540.2	725.0	823.5	922.0	1045.9	1169.8	1201.0	1232.2	1067.4	1232.2
87.5°	110.0	172.1	234.2	289.2	344.1	406.1	468.1	470.8	473.3	397.4	473.3
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°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1471.3	1469.0	1464.4	1459.8	1452.0	1444.3	1438.9	1433.5	1422.4	1411.4	1399.7
5°	1643.7	1637.5	1627.3	1617.0	1598.2	1579.3	1560.4	1541.4	1517.1	1492.8	1468.5
7.5°	1809.5	1800.5	1783.8	1767.1	1739.3	1711.5	1680.7	1649.8	1609.7	1569.7	1532.6
10°	1919.3	1910.5	1890.8	1871.1	1838.5	1805.9	1769.5	1732.9	1682.2	1631.5	1582.6
12.5°	1955.2	1950.4	1936.1	1921.8	1892.4	1862.9	1823.4	1783.8	1728.2	1672.5	1617.0
15°	1915.9	1921.1	1920.5	1920.0	1901.5	1883.0	1848.9	1814.8	1756.6	1698.6	1638.5
17.5°	1818.6	1837.5	1858.2	1878.9	1878.6	1878.3	1855.2	1832.2	1773.2	1714.4	1648.8
20°	1694.1	1727.4	1773.1	1818.9	1843.2	1867.4	1859.4	1851.4	1790.2	1729.0	1656.8
22.5°	1575.6	1617.3	1684.6	1751.8	1802.2	1852.5	1863.0	1873.6	1811.1	1748.5	1667.7
25°	1475.7	1519.6	1601.2	1682.8	1759.3	1835.7	1869.0	1902.2	1840.9	1779.7	1687.3
27.5°	1395.6	1438.7	1529.2	1619.8	1721.0	1822.1	1881.7	1941.0	1882.7	1824.2	1718.0
30°	1338.5	1378.4	1472.7	1567.1	1691.7	1816.3	1904.9	1993.5	1937.0	1880.7	1757.7
32.5°	1322.1	1353.5	1442.2	1530.7	1671.8	1812.7	1934.1	2055.4	1999.5	1943.6	1799.2
35°	1409.4	1416.8	1478.3	1539.9	1686.6	1833.5	1982.0	2130.6	2077.1	2023.6	1846.4
37.5°	1666.2	1632.7	1636.7	1640.7	1774.3	1907.7	2082.5	2257.2	2189.0	2120.7	1899.4
40°	2091.4	2010.0	1939.9	1869.9	1969.1	2068.4	2258.5	2448.5	2349.1	2249.6	1966.6
42.5°	2664.3	2516.4	2363.5	2210.7	2267.9	2325.1	2513.6	2702.2	2558.6	2415.1	2054.5
45°	3359.0	3116.0	2871.0	2626.3	2651.5	2676.7	2846.1	3015.4	2821.8	2628.3	2170.2
47.5°	4129.7	3773.8	3420.7	3067.5	3072.6	3077.7	3242.5	3407.3	3134.8	2862.3	2293.5
50°	4895.7	4426.0	3970.7	3515.5	3514.6	3513.8	3717.3	3920.8	3510.0	3099.2	2407.8
52.5°	5636.3	5055.1	4511.3	3967.6	3992.6	4017.5	4263.8	4510.3	3904.1	3298.0	2482.1
55°	6359.8	5667.0	5061.9	4456.7	4553.8	4650.9	4894.4	5137.9	4253.6	3369.4	2465.7
57.5°	7060.7	6276.0	5665.0	5053.9	5248.6	5443.5	5576.1	5708.6	4501.3	3293.8	2350.5
60°	7978.5	7138.3	6560.0	5981.7	6223.6	6465.6	6259.6	6053.6	4563.2	3072.6	2136.2
62.5°	8808.1	8008.8	7479.0	6949.3	6976.6	7003.8	6441.2	5878.5	4302.5	2726.6	1846.3
65°	8914.6	8139.5	7466.2	6793.0	6688.5	6584.1	6056.0	5527.8	3933.8	2339.8	1550.6
67.5°	8341.9	7563.5	6862.1	6160.6	6111.7	6062.7	5560.3	5058.1	3495.0	1932.0	1261.0
70°	7554.6	6884.7	6257.4	5630.1	5608.2	5586.4	5039.9	4493.6	3016.3	1538.8	992.8
72.5°	6589.6	6088.0	5597.2	5106.4	5090.7	5075.0	4448.0	3821.1	2497.2	1173.3	759.0
75°	5501.3	5148.1	4766.2	4384.4	4326.2	4267.9	3619.1	2970.1	1902.2	834.1	550.8
77.5°	4331.3	4080.8	3790.7	3500.4	3416.9	3333.6	2727.8	2122.2	1331.4	540.6	373.3
80°	3185.2	3053.7	2834.5	2615.3	2511.7	2408.0	1898.5	1389.0	857.7	326.6	240.5
82.5°	2092.3	2037.5	1886.6	1735.7	1619.9	1504.2	1155.8	807.4	496.4	185.5	147.9
85°	1201.0	1169.8	1045.9	922.0	823.5	725.0	540.2	355.3	223.3	91.4	79.0
87.5°	470.8	468.1	406.1	344.1	289.2	234.2	172.1	110.0	73.2	36.3	32.8
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°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1388.1	1376.3	1364.6	1353.3	1342.0	1331.2	1319.0	1309.2	1299.4	1290.6	1281.8
5°	1444.3	1419.9	1395.5	1372.8	1350.0	1328.6	1307.4	1288.8	1270.3	1254.7	1239.2
7.5°	1495.6	1459.5	1423.4	1391.7	1360.0	1330.7	1303.2	1278.5	1253.9	1233.5	1213.0
10°	1533.7	1489.9	1446.1	1408.6	1370.8	1334.8	1305.2	1279.2	1253.3	1232.8	1212.4
12.5°	1561.6	1509.9	1458.3	1415.7	1373.2	1335.3	1307.8	1286.5	1265.3	1251.7	1238.2
15°	1578.3	1518.8	1459.4	1410.2	1361.0	1318.9	1296.8	1286.7	1276.5	1278.4	1280.2
17.5°	1583.1	1514.1	1445.0	1385.9	1326.7	1277.1	1263.6	1267.3	1271.0	1293.3	1315.7
20°	1584.6	1501.0	1417.4	1344.0	1270.6	1213.0	1209.4	1226.8	1244.1	1282.9	1321.6
22.5°	1586.7	1484.9	1383.1	1294.8	1206.5	1140.8	1147.9	1173.6	1199.4	1243.5	1287.8
25°	1594.8	1469.1	1343.4	1239.9	1136.5	1069.3	1088.1	1117.9	1147.5	1187.3	1227.0
27.5°	1611.7	1458.5	1305.3	1189.7	1074.2	1013.0	1036.0	1064.7	1093.3	1126.0	1158.7
30°	1634.8	1453.6	1272.1	1147.8	1023.5	972.1	990.1	1012.8	1035.7	1062.7	1089.9
32.5°	1654.8	1447.4	1239.9	1111.6	983.3	941.9	950.0	963.4	976.8	998.5	1020.2
35°	1669.4	1435.8	1202.4	1076.1	949.9	915.3	911.9	915.6	919.4	935.9	952.4
37.5°	1678.1	1416.0	1154.0	1034.2	914.5	884.4	872.2	868.1	864.0	875.9	887.6
40°	1683.6	1388.8	1094.1	984.3	874.6	847.3	828.6	819.4	810.1	818.7	827.2
42.5°	1693.9	1360.7	1027.5	929.3	831.1	805.9	782.3	770.1	757.8	764.8	771.7
45°	1712.2	1334.6	956.8	870.7	784.6	759.0	736.3	724.3	712.4	718.2	724.2
47.5°	1724.8	1312.9	901.2	824.5	747.8	714.8	695.3	685.2	675.2	680.7	686.1
50°	1716.6	1289.4	862.2	793.8	725.2	681.8	659.1	650.2	641.3	649.8	658.6
52.5°	1666.1	1249.7	833.2	773.5	713.8	663.9	632.1	623.3	614.6	627.5	640.4
55°	1562.1	1183.8	805.4	758.8	712.1	665.7	617.8	603.8	590.0	608.3	626.7
57.5°	1407.3	1090.9	774.4	741.4	708.4	667.5	609.2	589.0	568.7	588.5	608.1
60°	1199.9	970.3	740.8	714.8	688.9	661.8	601.1	574.8	548.6	565.9	583.2
62.5°	966.1	825.9	685.8	668.6	651.4	648.0	591.7	558.8	526.0	537.1	548.1
65°	761.5	696.1	630.7	622.5	614.4	614.8	571.8	537.0	502.0	506.2	510.4
67.5°	589.9	571.2	552.7	557.2	561.7	560.6	536.5	507.4	478.4	477.0	475.7
70°	446.8	452.1	457.4	478.5	499.5	499.5	491.5	470.9	450.2	445.6	441.0
72.5°	344.6	360.7	376.7	406.6	436.4	441.4	441.5	427.3	413.2	406.4	399.7
75°	267.6	282.2	296.6	330.2	363.6	386.7	384.8	373.8	362.8	356.5	349.9
77.5°	206.0	215.9	225.8	258.3	290.8	328.9	327.9	319.1	310.4	303.8	297.2
80°	154.5	158.6	162.7	190.1	217.6	263.1	263.0	255.7	248.4	242.8	237.3
82.5°	110.4	111.1	111.9	132.1	152.4	191.3	193.4	189.8	186.2	182.3	178.6
85°	66.7	66.4	66.0	80.8	95.6	124.5	127.4	123.5	119.7	115.3	111.0
87.5°	29.2	28.9	28.5	34.5	40.7	52.7	56.3	54.7	53.2	52.4	51.6
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: P961463

CATALOG NUMBER: NAV-SB2A-750-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1274.1	1266.3	1258.6	1250.8	1244.9	1238.8	1234.0	1229.1	1225.3	1221.5	1218.0
5°	1225.5	1211.9	1199.4	1186.9	1177.3	1167.7	1161.0	1154.4	1149.5	1144.8	1141.1
7.5°	1195.8	1178.4	1163.2	1148.0	1136.6	1125.2	1117.2	1109.4	1103.8	1098.4	1095.1
10°	1193.7	1175.2	1158.0	1140.8	1127.3	1113.6	1104.7	1095.7	1090.5	1085.4	1082.6
12.5°	1223.5	1209.1	1191.3	1173.6	1156.2	1138.8	1127.3	1115.8	1110.1	1104.3	1102.0
15°	1276.4	1272.6	1257.3	1241.9	1217.1	1192.4	1174.9	1157.4	1149.3	1141.3	1138.3
17.5°	1327.5	1339.4	1326.9	1314.6	1281.8	1249.0	1223.1	1197.4	1185.5	1173.6	1169.7
20°	1346.4	1371.2	1365.6	1359.8	1322.2	1284.8	1253.3	1221.7	1206.5	1191.3	1186.4
22.5°	1320.1	1352.4	1355.9	1359.3	1323.5	1287.7	1255.1	1222.5	1206.5	1190.4	1185.1
25°	1258.8	1290.6	1302.5	1314.3	1284.9	1255.6	1226.6	1197.8	1183.9	1170.0	1164.9
27.5°	1184.1	1209.6	1222.7	1236.0	1215.0	1194.2	1171.8	1149.3	1140.0	1130.7	1128.3
30°	1111.0	1132.2	1142.9	1153.6	1137.8	1121.8	1105.8	1089.6	1084.8	1080.0	1080.0
32.5°	1040.4	1060.7	1072.7	1084.6	1070.0	1055.3	1042.4	1029.6	1026.5	1023.4	1023.8
35°	972.4	992.5	1006.9	1021.2	1010.8	1000.4	988.5	976.7	971.9	967.2	966.2
37.5°	907.6	927.7	945.5	963.1	958.3	953.6	942.6	931.6	923.0	914.4	909.9
40°	846.5	865.8	886.2	906.6	907.7	908.9	899.6	890.4	877.8	865.3	856.8
42.5°	790.1	808.4	830.4	852.4	858.2	864.2	856.3	848.6	832.9	817.3	805.0
45°	741.6	758.9	781.8	804.5	813.0	821.4	814.4	807.4	789.6	771.7	757.3
47.5°	703.2	720.2	742.7	765.2	774.9	784.6	779.7	774.8	758.9	743.1	729.7
50°	674.6	690.6	710.7	730.9	743.4	755.8	755.5	755.3	742.7	730.0	717.6
52.5°	655.1	669.8	688.6	707.4	722.2	737.0	739.6	742.3	732.0	721.6	710.5
55°	642.6	658.4	674.9	691.3	706.9	722.6	726.3	730.0	721.0	712.0	702.2
57.5°	626.8	645.4	661.6	677.9	693.8	709.5	713.3	717.0	707.9	698.7	689.2
60°	604.5	626.0	642.5	659.1	674.9	690.7	694.8	698.9	690.0	681.2	671.3
62.5°	573.0	597.9	615.6	633.2	647.7	662.3	666.2	670.1	662.2	654.1	643.7
65°	537.2	564.0	580.8	597.7	610.5	623.2	627.3	631.3	623.5	615.8	605.7
67.5°	500.3	525.0	541.1	557.0	568.1	579.1	583.0	586.9	579.8	572.8	563.3
70°	462.7	484.4	498.2	512.0	521.9	532.0	535.8	539.6	533.7	528.0	519.0
72.5°	416.8	433.9	446.3	458.8	468.5	478.4	482.9	487.4	482.6	477.8	469.1
75°	362.6	375.4	386.6	397.9	406.8	415.7	420.5	425.2	422.8	420.5	413.2
77.5°	307.6	317.9	327.6	337.3	346.7	356.0	360.4	364.8	361.5	358.1	350.9
80°	245.9	254.5	262.6	270.8	278.0	285.0	290.8	296.6	295.2	293.9	284.0
82.5°	177.8	177.1	174.2	171.4	186.4	201.6	211.6	221.5	220.9	220.2	212.0
85°	107.3	103.5	95.6	87.7	101.9	116.1	128.4	140.6	139.6	138.6	132.1
87.5°	51.5	51.2	45.2	39.2	45.1	51.0	56.0	61.0	59.8	58.4	55.1
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: P961463

CATALOG NUMBER: NAV-SB2A-750-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1214.5	1210.2	1214.5	1218.0	1221.5	1225.3	1229.1	1234.0	1238.8	1244.9	1250.8
5°	1137.5	1134.0	1137.5	1141.1	1144.8	1149.5	1154.4	1161.0	1167.7	1177.3	1186.9
7.5°	1091.9	1089.5	1091.9	1095.1	1098.4	1103.8	1109.4	1117.2	1125.2	1136.6	1148.0
10°	1079.8	1078.7	1079.8	1082.6	1085.4	1090.5	1095.7	1104.7	1113.6	1127.3	1140.8
12.5°	1099.6	1099.2	1099.6	1102.0	1104.3	1110.1	1115.8	1127.3	1138.8	1156.2	1173.6
15°	1135.3	1135.0	1135.3	1138.3	1141.3	1149.3	1157.4	1174.9	1192.4	1217.1	1241.9
17.5°	1165.7	1165.1	1165.7	1169.7	1173.6	1185.5	1197.4	1223.1	1249.0	1281.8	1314.6
20°	1181.5	1180.0	1181.5	1186.4	1191.3	1206.5	1221.7	1253.3	1284.8	1322.2	1359.8
22.5°	1179.8	1177.4	1179.8	1185.1	1190.4	1206.5	1222.5	1255.1	1287.7	1323.5	1359.3
25°	1160.0	1157.0	1160.0	1164.9	1170.0	1183.9	1197.8	1226.6	1255.6	1284.9	1314.3
27.5°	1126.1	1125.2	1126.1	1128.3	1130.7	1140.0	1149.3	1171.8	1194.2	1215.0	1236.0
30°	1080.0	1080.8	1080.0	1080.0	1080.0	1084.8	1089.6	1105.8	1121.8	1137.8	1153.6
32.5°	1024.3	1025.0	1024.3	1023.8	1023.4	1026.5	1029.6	1042.4	1055.3	1070.0	1084.6
35°	965.1	964.6	965.1	966.2	967.2	971.9	976.7	988.5	1000.4	1010.8	1021.2
37.5°	905.3	902.8	905.3	909.9	914.4	923.0	931.6	942.6	953.6	958.3	963.1
40°	848.5	843.5	848.5	856.8	865.3	877.8	890.4	899.6	908.9	907.7	906.6
42.5°	792.7	784.6	792.7	805.0	817.3	832.9	848.6	856.3	864.2	858.2	852.4
45°	742.8	733.5	742.8	757.3	771.7	789.6	807.4	814.4	821.4	813.0	804.5
47.5°	716.4	707.4	716.4	729.7	743.1	758.9	774.8	779.7	784.6	774.9	765.2
50°	705.2	696.7	705.2	717.6	730.0	742.7	755.3	755.5	755.8	743.4	730.9
52.5°	699.5	691.6	699.5	710.5	721.6	732.0	742.3	739.6	737.0	722.2	707.4
55°	692.6	685.4	692.6	702.2	712.0	721.0	730.0	726.3	722.6	706.9	691.3
57.5°	679.5	672.1	679.5	689.2	698.7	707.9	717.0	713.3	709.5	693.8	677.9
60°	661.3	653.6	661.3	671.3	681.2	690.0	698.9	694.8	690.7	674.9	659.1
62.5°	633.2	624.0	633.2	643.7	654.1	662.2	670.1	666.2	662.3	647.7	633.2
65°	595.6	587.7	595.6	605.7	615.8	623.5	631.3	627.3	623.2	610.5	597.7
67.5°	553.9	546.7	553.9	563.3	572.8	579.8	586.9	583.0	579.1	568.1	557.0
70°	509.9	501.7	509.9	519.0	528.0	533.7	539.6	535.8	532.0	521.9	512.0
72.5°	460.6	452.6	460.6	469.1	477.8	482.6	487.4	482.9	478.4	468.5	458.8
75°	406.0	398.4	406.0	413.2	420.5	422.8	425.2	420.5	415.7	406.8	397.9
77.5°	343.6	337.5	343.6	350.9	358.1	361.5	364.8	360.4	356.0	346.7	337.3
80°	274.3	262.9	274.3	284.0	293.9	295.2	296.6	290.8	285.0	278.0	270.8
82.5°	203.7	196.4	203.7	212.0	220.2	220.9	221.5	211.6	201.6	186.4	171.4
85°	125.8	119.2	125.8	132.1	138.6	139.6	140.6	128.4	116.1	101.9	87.7
87.5°	51.8	48.6	51.8	55.1	58.4	59.8	61.0	56.0	51.0	45.1	39.2
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: P961463

CATALOG NUMBER: NAV-SB2A-750-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1258.6	1266.3	1274.1	1281.8	1290.6	1299.4	1309.2	1319.0	1331.2	1342.0	1353.3
5°	1199.4	1211.9	1225.5	1239.2	1254.7	1270.3	1288.8	1307.4	1328.6	1350.0	1372.8
7.5°	1163.2	1178.4	1195.8	1213.0	1233.5	1253.9	1278.5	1303.2	1330.7	1360.0	1391.7
10°	1158.0	1175.2	1193.7	1212.4	1232.8	1253.3	1279.2	1305.2	1334.8	1370.8	1408.6
12.5°	1191.3	1209.1	1223.5	1238.2	1251.7	1265.3	1286.5	1307.8	1335.3	1373.2	1415.7
15°	1257.3	1272.6	1276.4	1280.2	1278.4	1276.5	1286.7	1296.8	1318.9	1361.0	1410.2
17.5°	1326.9	1339.4	1327.5	1315.7	1293.3	1271.0	1267.3	1263.6	1277.1	1326.7	1385.9
20°	1365.6	1371.2	1346.4	1321.6	1282.9	1244.1	1226.8	1209.4	1213.0	1270.6	1344.0
22.5°	1355.9	1352.4	1320.1	1287.8	1243.5	1199.4	1173.6	1147.9	1140.8	1206.5	1294.8
25°	1302.5	1290.6	1258.8	1227.0	1187.3	1147.5	1117.9	1088.1	1069.3	1136.5	1239.9
27.5°	1222.7	1209.6	1184.1	1158.7	1126.0	1093.3	1064.7	1036.0	1013.0	1074.2	1189.7
30°	1142.9	1132.2	1111.0	1089.9	1062.7	1035.7	1012.8	990.1	972.1	1023.5	1147.8
32.5°	1072.7	1060.7	1040.4	1020.2	998.5	976.8	963.4	950.0	941.9	983.3	1111.6
35°	1006.9	992.5	972.4	952.4	935.9	919.4	915.6	911.9	915.3	949.9	1076.1
37.5°	945.5	927.7	907.6	887.6	875.9	864.0	868.1	872.2	884.4	914.5	1034.2
40°	886.2	865.8	846.5	827.2	818.7	810.1	819.4	828.6	847.3	874.6	984.3
42.5°	830.4	808.4	790.1	771.7	764.8	757.8	770.1	782.3	805.9	831.1	929.3
45°	781.8	758.9	741.6	724.2	718.2	712.4	724.3	736.3	759.0	784.6	870.7
47.5°	742.7	720.2	703.2	686.1	680.7	675.2	685.2	695.3	714.8	747.8	824.5
50°	710.7	690.6	674.6	658.6	649.8	641.3	650.2	659.1	681.8	725.2	793.8
52.5°	688.6	669.8	655.1	640.4	627.5	614.6	623.3	632.1	663.9	713.8	773.5
55°	674.9	658.4	642.6	626.7	608.3	590.0	603.8	617.8	665.7	712.1	758.8
57.5°	661.6	645.4	626.8	608.1	588.5	568.7	589.0	609.2	667.5	708.4	741.4
60°	642.5	626.0	604.5	583.2	565.9	548.6	574.8	601.1	661.8	688.9	714.8
62.5°	615.6	597.9	573.0	548.1	537.1	526.0	558.8	591.7	648.0	651.4	668.6
65°	580.8	564.0	537.2	510.4	506.2	502.0	537.0	571.8	614.8	614.4	622.5
67.5°	541.1	525.0	500.3	475.7	477.0	478.4	507.4	536.5	560.6	561.7	557.2
70°	498.2	484.4	462.7	441.0	445.6	450.2	470.9	491.5	499.5	499.5	478.5
72.5°	446.3	433.9	416.8	399.7	406.4	413.2	427.3	441.5	441.4	436.4	406.6
75°	386.6	375.4	362.6	349.9	356.5	362.8	373.8	384.8	386.7	363.6	330.2
77.5°	327.6	317.9	307.6	297.2	303.8	310.4	319.1	327.9	328.9	290.8	258.3
80°	262.6	254.5	245.9	237.3	242.8	248.4	255.7	263.0	263.1	217.6	190.1
82.5°	174.2	177.1	177.8	178.6	182.3	186.2	189.8	193.4	191.3	152.4	132.1
85°	95.6	103.5	107.3	111.0	115.3	119.7	123.5	127.4	124.5	95.6	80.8
87.5°	45.2	51.2	51.5	51.6	52.4	53.2	54.7	56.3	52.7	40.7	34.5
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: P961463

CATALOG NUMBER: NAV-SB2A-750-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1364.6	1376.3	1388.1	1399.7	1411.4	1422.4	1433.5
5°	1395.5	1419.9	1444.3	1468.5	1492.8	1517.1	1541.4
7.5°	1423.4	1459.5	1495.6	1532.6	1569.7	1609.7	1649.8
10°	1446.1	1489.9	1533.7	1582.6	1631.5	1682.2	1732.9
12.5°	1458.3	1509.9	1561.6	1617.0	1672.5	1728.2	1783.8
15°	1459.4	1518.8	1578.3	1638.5	1698.6	1756.6	1814.8
17.5°	1445.0	1514.1	1583.1	1648.8	1714.4	1773.2	1832.2
20°	1417.4	1501.0	1584.6	1656.8	1729.0	1790.2	1851.4
22.5°	1383.1	1484.9	1586.7	1667.7	1748.5	1811.1	1873.6
25°	1343.4	1469.1	1594.8	1687.3	1779.7	1840.9	1902.2
27.5°	1305.3	1458.5	1611.7	1718.0	1824.2	1882.7	1941.0
30°	1272.1	1453.6	1634.8	1757.7	1880.7	1937.0	1993.5
32.5°	1239.9	1447.4	1654.8	1799.2	1943.6	1999.5	2055.4
35°	1202.4	1435.8	1669.4	1846.4	2023.6	2077.1	2130.6
37.5°	1154.0	1416.0	1678.1	1899.4	2120.7	2189.0	2257.2
40°	1094.1	1388.8	1683.6	1966.6	2249.6	2349.1	2448.5
42.5°	1027.5	1360.7	1693.9	2054.5	2415.1	2558.6	2702.2
45°	956.8	1334.6	1712.2	2170.2	2628.3	2821.8	3015.4
47.5°	901.2	1312.9	1724.8	2293.5	2862.3	3134.8	3407.3
50°	862.2	1289.4	1716.6	2407.8	3099.2	3510.0	3920.8
52.5°	833.2	1249.7	1666.1	2482.1	3298.0	3904.1	4510.3
55°	805.4	1183.8	1562.1	2465.7	3369.4	4253.6	5137.9
57.5°	774.4	1090.9	1407.3	2350.5	3293.8	4501.3	5708.6
60°	740.8	970.3	1199.9	2136.2	3072.6	4563.2	6053.6
62.5°	685.8	825.9	966.1	1846.3	2726.6	4302.5	5878.5
65°	630.7	696.1	761.5	1550.6	2339.8	3933.8	5527.8
67.5°	552.7	571.2	589.9	1261.0	1932.0	3495.0	5058.1
70°	457.4	452.1	446.8	992.8	1538.8	3016.3	4493.6
72.5°	376.7	360.7	344.6	759.0	1173.3	2497.2	3821.1
75°	296.6	282.2	267.6	550.8	834.1	1902.2	2970.1
77.5°	225.8	215.9	206.0	373.3	540.6	1331.4	2122.2
80°	162.7	158.6	154.5	240.5	326.6	857.7	1389.0
82.5°	111.9	111.1	110.4	147.9	185.5	496.4	807.4
85°	66.0	66.4	66.7	79.0	91.4	223.3	355.3
87.5°	28.5	28.9	29.2	32.8	36.3	73.2	110.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)