

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: P962364

Luminaire Tested: **NAV-SB2C-722-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P962364  
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-722-U-SLR  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12636.2 lumens  
Efficiency: N/A  
Efficacy: 125.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

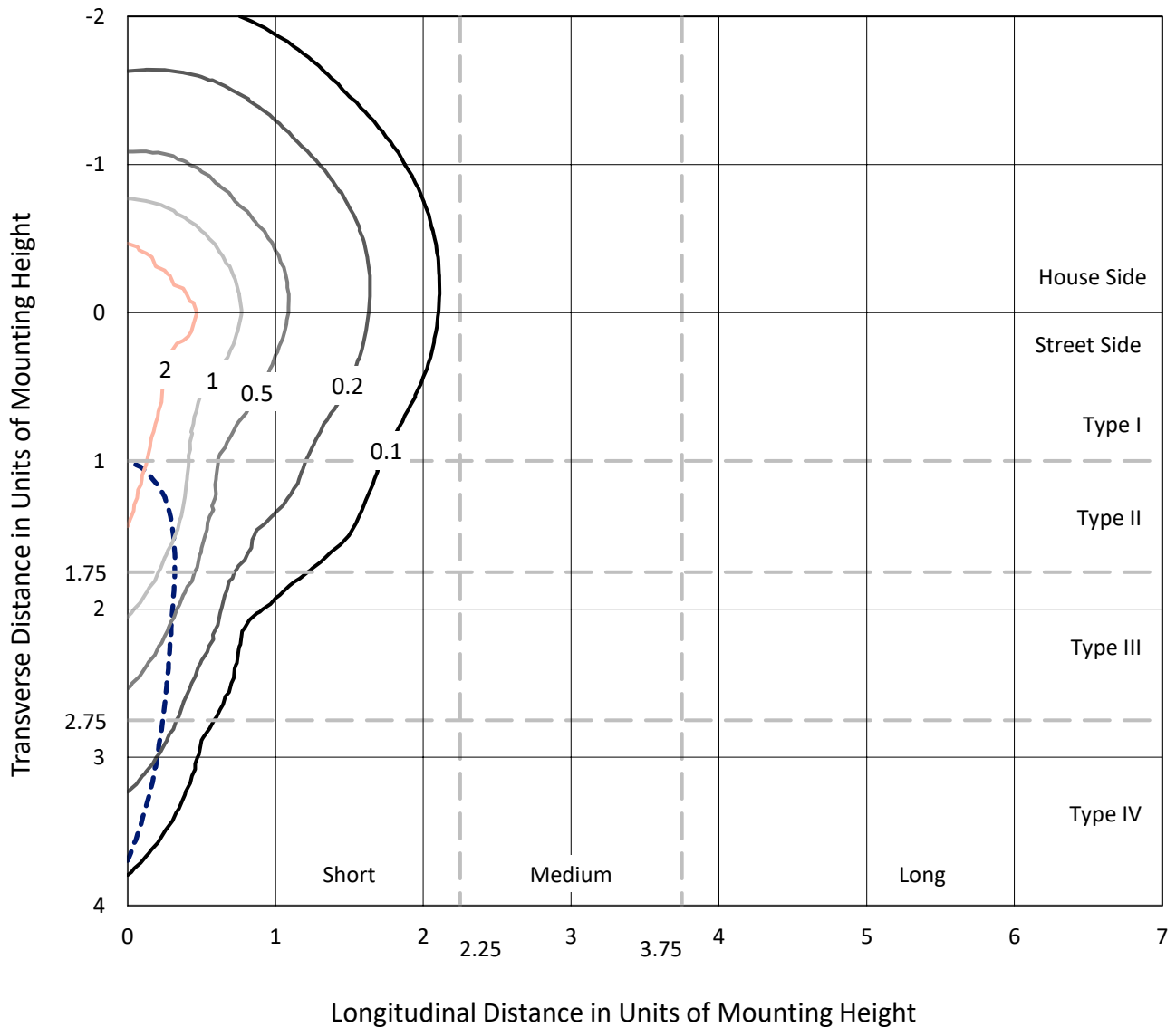
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

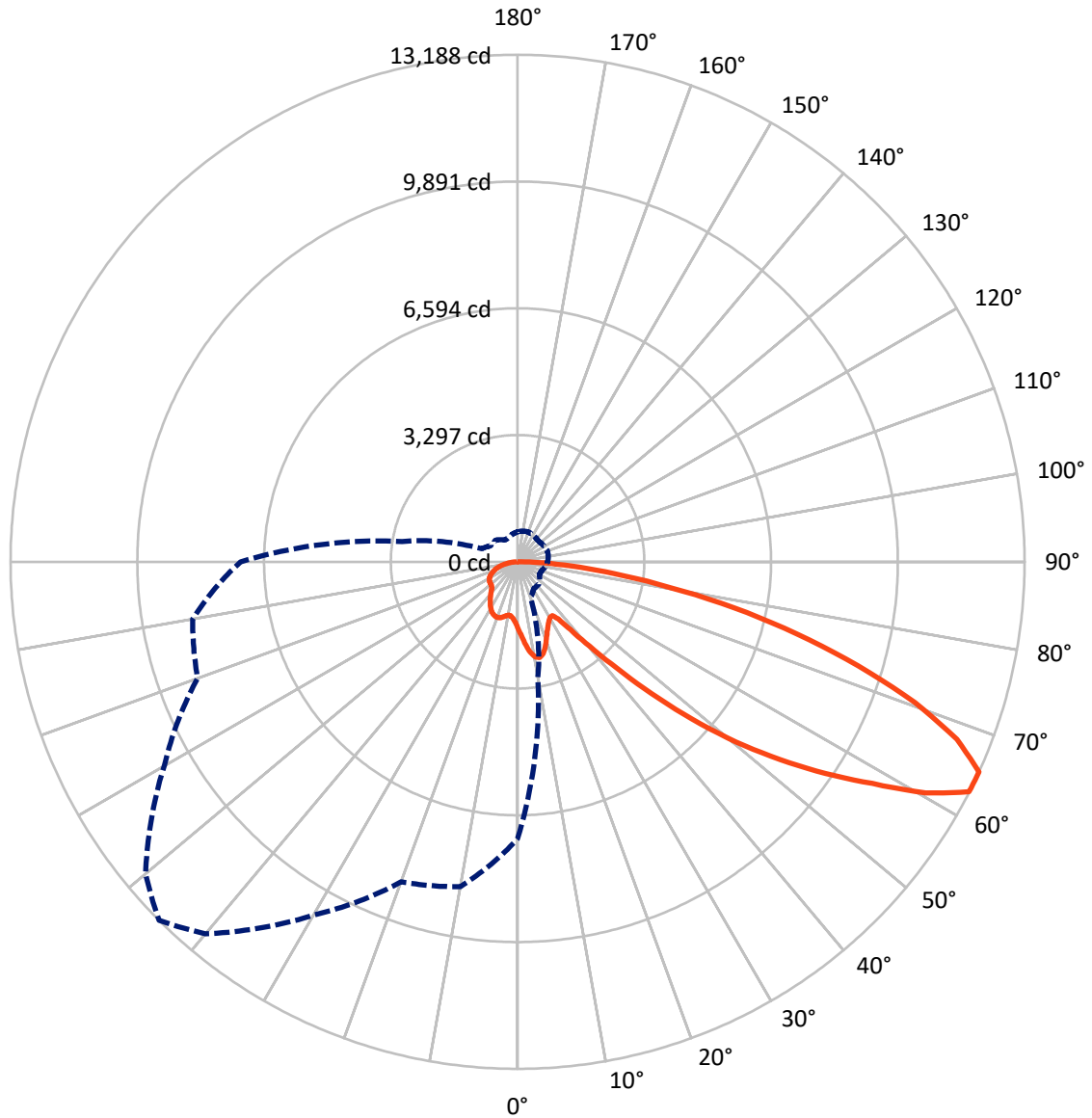
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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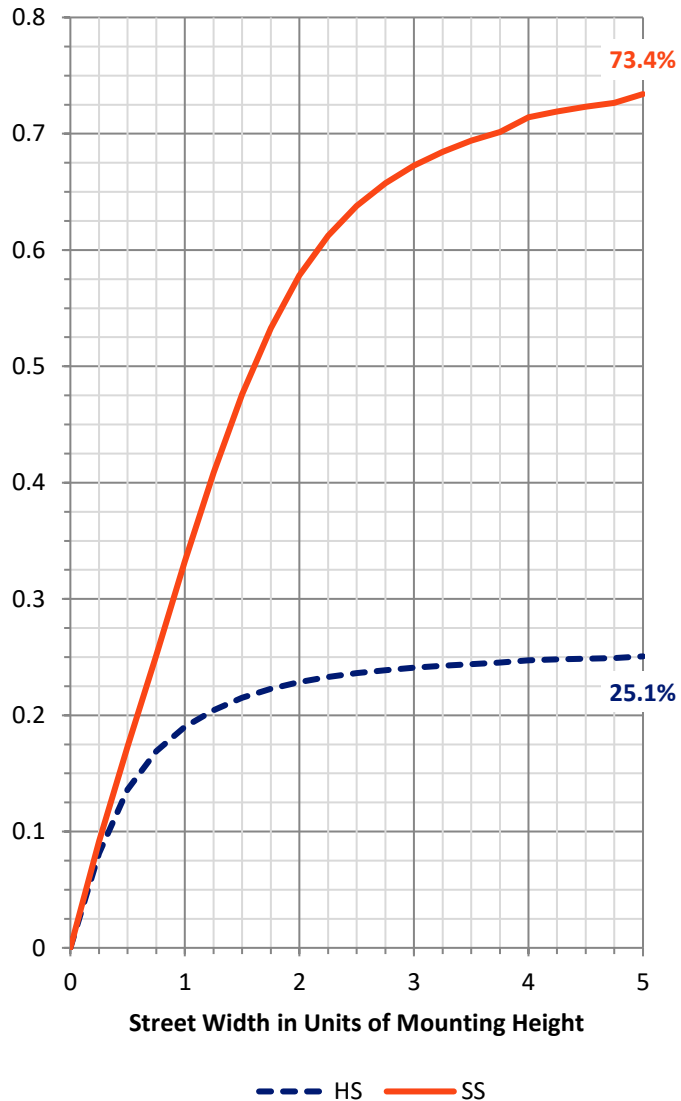
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3211.5	0.0	3211.5
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	9424.7	0.0	9424.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	12636.2	0.0	12636.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	172.4	1.4
10°-20°	541.1	4.3
20°-30°	835.8	6.6
30°-40°	1059.2	8.4
40°-50°	1597.5	12.6
50°-60°	2581.0	20.4
60°-70°	3217.6	25.5
70°-80°	2110.0	16.7
80°-90°	521.6	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°	12636.2	100.0
0°-180°	12636.2	100.0

**Coefficient of Utilization**



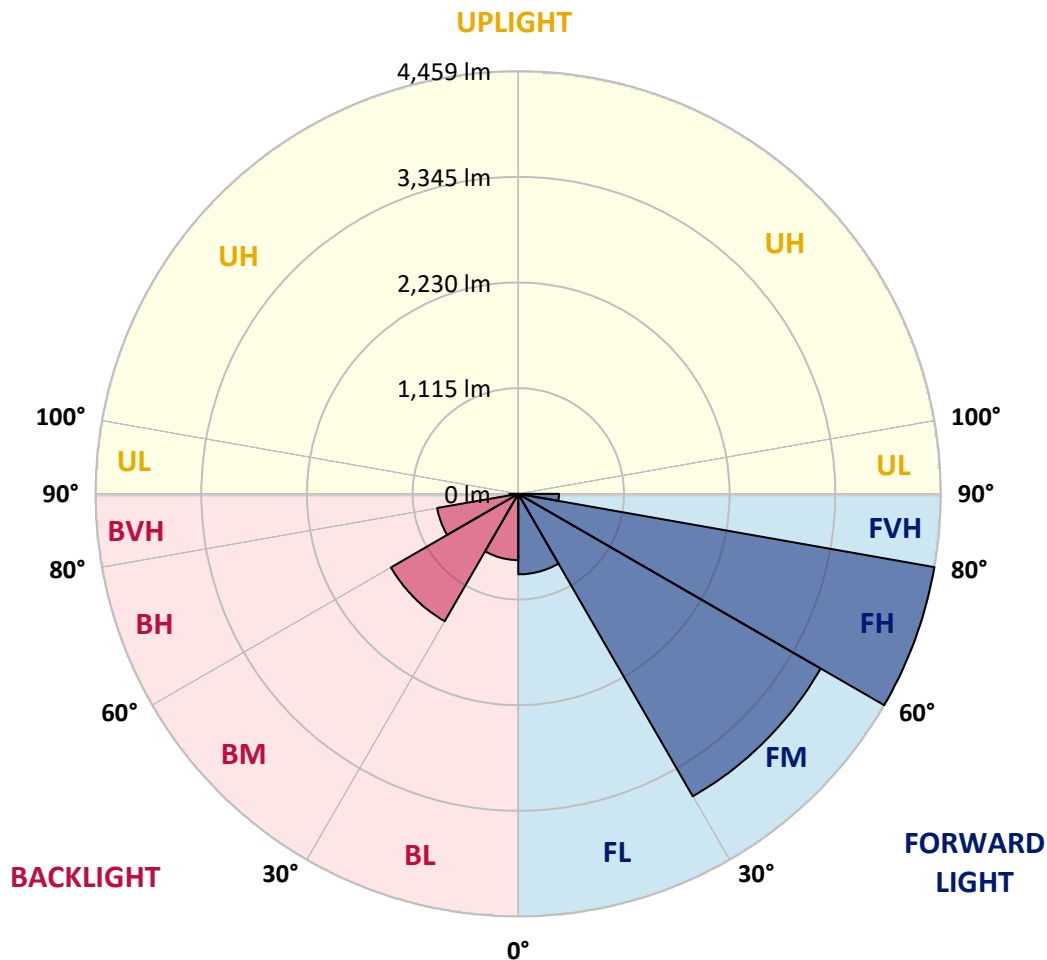
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	849.9	6.7			
FM (30°-60°)	3685.7	29.2			
FH (60°-80°)	4459.4	35.3			G2/5000
FVH (80°-90°)	429.7	3.4			G3/500
BL (0°-30°)	699.3	5.5	B2/1000		
BM (30°-60°)	1552.0	12.3	B2/2500		
BH (60°-80°)	868.2	6.9	B2/1000		G2/1000
BVH (80°-90°)	91.9	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°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1868.6	1854.2	1840.0	1824.7	1809.4	1794.2	1778.8	1764.1	1749.5	1735.2	1719.4
5°	2009.3	1977.6	1946.0	1914.4	1882.8	1851.0	1819.3	1789.5	1759.9	1731.9	1704.3
7.5°	2150.7	2098.4	2046.2	1997.9	1949.7	1902.6	1855.6	1814.1	1772.8	1734.6	1698.7
10°	2259.0	2192.9	2126.9	2063.0	1999.3	1942.2	1885.1	1836.2	1787.1	1739.9	1701.4
12.5°	2325.3	2252.7	2180.2	2107.9	2035.6	1968.3	1901.0	1845.5	1790.2	1740.6	1704.8
15°	2365.7	2290.0	2214.3	2135.9	2057.5	1980.0	1902.4	1838.2	1774.2	1719.2	1690.5
17.5°	2388.4	2311.6	2234.8	2149.3	2063.7	1973.7	1883.7	1806.6	1729.5	1664.9	1647.3
20°	2413.4	2333.6	2253.8	2159.8	2065.8	1956.7	1847.6	1752.0	1656.4	1581.3	1576.6
22.5°	2442.4	2360.9	2279.3	2173.9	2068.4	1935.7	1803.1	1687.9	1572.8	1487.2	1496.4
25°	2479.7	2399.8	2320.0	2199.5	2079.0	1915.1	1751.2	1616.3	1481.5	1393.9	1418.5
27.5°	2530.4	2454.3	2378.0	2239.5	2100.9	1901.3	1701.6	1550.9	1400.4	1320.5	1350.5
30°	2598.7	2525.1	2451.6	2291.3	2131.1	1894.8	1658.3	1496.3	1334.2	1267.2	1290.7
32.5°	2679.4	2606.5	2533.7	2345.4	2157.1	1886.8	1616.3	1449.1	1281.9	1227.8	1238.3
35°	2777.4	2707.6	2637.8	2407.0	2176.2	1871.8	1567.4	1402.8	1238.2	1193.2	1188.8
37.5°	2942.5	2853.5	2764.5	2476.0	2187.6	1845.9	1504.4	1348.3	1192.2	1152.8	1136.9
40°	3191.7	3062.2	2932.5	2563.6	2194.6	1810.4	1426.2	1283.2	1140.2	1104.5	1080.1
42.5°	3522.5	3335.5	3148.3	2678.2	2208.2	1773.8	1339.4	1211.3	1083.3	1050.5	1019.8
45°	3930.9	3678.5	3426.2	2829.1	2232.0	1739.6	1247.4	1135.1	1022.8	989.4	959.8
47.5°	4441.6	4086.5	3731.2	2989.7	2248.3	1711.5	1174.8	1074.7	974.8	931.8	906.3
50°	5111.1	4575.6	4040.0	3138.9	2237.7	1680.8	1124.0	1034.6	945.4	888.8	859.2
52.5°	5879.5	5089.4	4299.3	3235.7	2172.0	1629.0	1086.2	1008.3	930.5	865.5	824.0
55°	6697.7	5544.9	4392.3	3214.3	2036.3	1543.1	1050.0	989.1	928.2	867.8	805.3
57.5°	7441.7	5867.8	4293.8	3064.1	1834.6	1422.1	1009.5	966.5	923.4	870.1	794.1
60°	7891.5	5948.5	4005.4	2784.7	1564.0	1264.8	965.7	931.8	898.0	862.7	783.6
62.5°	7663.1	5608.8	3554.4	2406.9	1259.4	1076.7	894.0	871.6	849.1	844.8	771.3
65°	7206.1	5128.1	3050.1	2021.4	992.7	907.4	822.2	811.5	800.9	801.4	745.5
67.5°	6593.6	4556.0	2518.5	1643.7	769.0	744.7	720.5	726.4	732.3	730.7	699.3
70°	5857.9	3931.9	2005.9	1294.2	582.4	589.4	596.2	623.7	651.1	651.1	640.7
72.5°	4981.1	3255.3	1529.5	989.4	449.3	470.2	491.1	530.0	568.9	575.4	575.5
75°	3871.9	2479.6	1087.3	718.1	348.8	367.8	386.7	430.3	474.0	504.1	501.5
77.5°	2766.4	1735.5	704.6	486.6	268.5	281.5	294.4	336.7	379.0	428.8	427.4
80°	1810.6	1118.2	425.7	313.5	201.4	206.7	212.1	247.9	283.7	343.1	342.9
82.5°	1052.5	647.2	241.9	192.8	143.9	144.8	145.9	172.3	198.6	249.4	252.2
85°	463.1	291.1	119.2	103.1	87.0	86.5	86.0	105.4	124.6	162.4	166.0
87.5°	143.4	95.3	47.4	42.7	38.1	37.7	37.2	45.1	53.0	68.7	73.4
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):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1706.6	1693.9	1682.3	1671.0	1660.8	1650.8	1640.6	1630.6	1622.8	1614.9	1608.5
5°	1680.1	1655.9	1635.6	1615.4	1597.6	1579.7	1563.5	1547.2	1534.7	1522.2	1513.5
7.5°	1666.6	1634.6	1607.9	1581.3	1558.7	1536.3	1516.4	1496.5	1481.6	1466.9	1456.5
10°	1667.6	1633.7	1607.0	1580.3	1556.2	1531.9	1509.5	1487.2	1469.4	1451.7	1440.1
12.5°	1677.0	1649.4	1631.7	1614.1	1595.0	1576.1	1553.0	1529.9	1507.3	1484.5	1469.5
15°	1677.3	1664.1	1666.5	1668.9	1664.0	1659.1	1639.0	1618.9	1586.6	1554.3	1531.6
17.5°	1652.1	1656.9	1686.0	1715.0	1730.5	1745.9	1729.7	1713.6	1670.9	1628.1	1594.5
20°	1599.2	1621.9	1672.4	1722.9	1755.2	1787.6	1780.1	1772.6	1723.7	1675.0	1633.7
22.5°	1529.9	1563.4	1621.0	1678.7	1720.9	1762.9	1767.4	1771.9	1725.3	1678.5	1636.2
25°	1457.2	1495.9	1547.6	1599.6	1640.9	1682.3	1697.8	1713.3	1675.0	1636.8	1599.0
27.5°	1387.8	1425.2	1467.8	1510.3	1543.5	1576.8	1594.0	1611.2	1583.9	1556.8	1527.5
30°	1320.3	1350.0	1385.4	1420.8	1448.3	1475.9	1489.8	1503.9	1483.2	1462.4	1441.5
32.5°	1255.8	1273.4	1301.5	1329.8	1356.3	1382.7	1398.3	1413.9	1394.8	1375.7	1358.9
35°	1193.6	1198.5	1220.1	1241.5	1267.6	1293.9	1312.5	1331.2	1317.6	1304.1	1288.6
37.5°	1131.6	1126.3	1141.7	1157.1	1183.3	1209.4	1232.5	1255.5	1249.3	1243.0	1228.8
40°	1068.0	1056.1	1067.1	1078.3	1103.5	1128.7	1155.3	1181.8	1183.4	1184.8	1172.8
42.5°	1003.8	987.8	996.9	1006.0	1029.9	1053.8	1082.5	1111.2	1118.8	1126.5	1116.3
45°	944.2	928.6	936.2	944.0	966.7	989.3	1019.1	1048.8	1059.8	1070.8	1061.6
47.5°	893.2	880.2	887.3	894.4	916.7	938.8	968.1	997.4	1010.1	1022.8	1016.4
50°	847.6	836.0	847.2	858.4	879.3	900.3	926.5	952.8	969.0	985.3	984.9
52.5°	812.5	801.1	817.9	834.8	854.0	873.1	897.6	922.1	941.4	960.6	964.1
55°	787.2	769.2	793.0	816.9	837.6	858.2	879.8	901.2	921.6	942.0	946.8
57.5°	767.7	741.3	767.0	792.7	817.0	841.3	862.5	883.8	904.4	925.0	929.8
60°	749.4	715.1	737.7	760.2	788.1	816.0	837.5	859.2	879.8	900.5	905.8
62.5°	728.5	685.7	700.1	714.4	746.9	779.4	802.5	825.4	844.4	863.4	868.5
65°	700.0	654.5	660.0	665.4	700.3	735.1	757.1	779.1	795.8	812.4	817.7
67.5°	661.4	623.5	621.9	620.1	652.2	684.4	705.3	726.1	740.5	754.9	760.0
70°	613.9	586.9	580.9	574.9	603.1	631.4	649.4	667.5	680.4	693.4	698.3
72.5°	557.1	538.6	529.8	521.1	543.4	565.6	581.8	598.1	610.8	623.5	629.5
75°	487.4	473.0	464.6	456.2	472.7	489.2	504.0	518.8	530.3	541.9	548.1
77.5°	415.9	404.6	396.1	387.6	401.0	414.4	427.0	439.7	451.9	464.0	469.8
80°	333.3	323.7	316.6	309.3	320.6	331.7	342.3	353.0	362.3	371.6	379.1
82.5°	247.5	242.8	237.8	232.7	231.8	230.8	227.1	223.3	243.1	262.8	275.7
85°	161.0	156.0	150.4	144.7	139.9	135.0	124.6	114.4	132.8	151.4	167.4
87.5°	71.3	69.4	68.3	67.2	67.0	66.8	58.9	51.0	58.7	66.5	73.0
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°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1602.3	1597.3	1592.3	1587.8	1583.2	1577.6	1583.2	1587.8	1592.3	1597.3	1602.3
5°	1504.8	1498.6	1492.4	1487.6	1482.9	1478.3	1482.9	1487.6	1492.4	1498.6	1504.8
7.5°	1446.1	1438.9	1431.9	1427.6	1423.4	1420.2	1423.4	1427.6	1431.9	1438.9	1446.1
10°	1428.3	1421.6	1414.9	1411.3	1407.6	1406.2	1407.6	1411.3	1414.9	1421.6	1428.3
12.5°	1454.6	1447.0	1439.5	1436.4	1433.4	1432.8	1433.4	1436.4	1439.5	1447.0	1454.6
15°	1508.8	1498.2	1487.9	1483.9	1479.9	1479.6	1479.9	1483.9	1487.9	1498.2	1508.8
17.5°	1560.9	1545.4	1529.9	1524.8	1519.7	1518.8	1519.7	1524.8	1529.9	1545.4	1560.9
20°	1592.5	1572.8	1552.9	1546.5	1540.3	1538.2	1540.3	1546.5	1552.9	1572.8	1592.5
22.5°	1593.7	1572.9	1551.8	1544.9	1537.9	1534.9	1537.9	1544.9	1551.8	1572.9	1593.7
25°	1561.4	1543.3	1525.2	1518.6	1512.1	1508.2	1512.1	1518.6	1525.2	1543.3	1561.4
27.5°	1498.2	1486.0	1473.8	1470.9	1467.9	1466.9	1467.9	1470.9	1473.8	1486.0	1498.2
30°	1420.3	1414.1	1407.8	1407.8	1407.8	1408.9	1407.8	1407.8	1407.8	1414.1	1420.3
32.5°	1342.2	1338.1	1334.0	1334.6	1335.2	1336.2	1335.2	1334.6	1334.0	1338.1	1342.2
35°	1273.2	1267.0	1260.9	1259.5	1258.2	1257.5	1258.2	1259.5	1260.9	1267.0	1273.2
37.5°	1214.5	1203.2	1192.1	1186.1	1180.2	1176.8	1180.2	1186.1	1192.1	1203.2	1214.5
40°	1160.7	1144.3	1128.0	1116.9	1106.1	1099.5	1106.1	1116.9	1128.0	1144.3	1160.7
42.5°	1106.2	1085.8	1065.5	1049.4	1033.3	1022.8	1033.3	1049.4	1065.5	1085.8	1106.2
45°	1052.5	1029.2	1006.0	987.2	968.3	956.1	968.3	987.2	1006.0	1029.2	1052.5
47.5°	1010.0	989.3	968.6	951.2	933.8	922.1	933.8	951.2	968.6	989.3	1010.0
50°	984.7	968.1	951.6	935.5	919.3	908.2	919.3	935.5	951.6	968.1	984.7
52.5°	967.6	954.2	940.6	926.2	911.8	901.5	911.8	926.2	940.6	954.2	967.6
55°	951.6	939.8	928.1	915.4	902.8	893.5	902.8	915.4	928.1	939.8	951.6
57.5°	934.7	922.8	910.9	898.4	885.8	876.2	885.8	898.4	910.9	922.8	934.7
60°	911.1	899.5	888.0	875.0	862.1	852.1	862.1	875.0	888.0	899.5	911.1
62.5°	873.6	863.2	852.7	839.1	825.4	813.4	825.4	839.1	852.7	863.2	873.6
65°	822.9	812.8	802.8	789.6	776.4	766.1	776.4	789.6	802.8	812.8	822.9
67.5°	765.2	755.8	746.6	734.4	722.1	712.8	722.1	734.4	746.6	755.8	765.2
70°	703.3	695.8	688.2	676.5	664.7	654.1	664.7	676.5	688.2	695.8	703.3
72.5°	635.3	629.0	622.8	611.5	600.4	590.1	600.4	611.5	622.8	629.0	635.3
75°	554.2	551.1	548.1	538.6	529.3	519.4	529.3	538.6	548.1	551.1	554.2
77.5°	475.5	471.3	466.9	457.4	447.9	440.0	447.9	457.4	466.9	471.3	475.5
80°	386.7	384.9	383.0	370.3	357.5	342.8	357.5	370.3	383.0	384.9	386.7
82.5°	288.7	287.9	287.0	276.3	265.5	256.0	265.5	276.3	287.0	287.9	288.7
85°	183.4	182.0	180.7	172.3	163.9	155.4	163.9	172.3	180.7	182.0	183.4
87.5°	79.4	77.9	76.2	71.9	67.4	63.3	67.4	71.9	76.2	77.9	79.4
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: P962364

CATALOG NUMBER: NAV-SB2C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1608.5	1614.9	1622.8	1630.6	1640.6	1650.8	1660.8	1671.0	1682.3	1693.9	1706.6
5°	1513.5	1522.2	1534.7	1547.2	1563.5	1579.7	1597.6	1615.4	1635.6	1655.9	1680.1
7.5°	1456.5	1466.9	1481.6	1496.5	1516.4	1536.3	1558.7	1581.3	1607.9	1634.6	1666.6
10°	1440.1	1451.7	1469.4	1487.2	1509.5	1531.9	1556.2	1580.3	1607.0	1633.7	1667.6
12.5°	1469.5	1484.5	1507.3	1529.9	1553.0	1576.1	1595.0	1614.1	1631.7	1649.4	1677.0
15°	1531.6	1554.3	1586.6	1618.9	1639.0	1659.1	1664.0	1668.9	1666.5	1664.1	1677.3
17.5°	1594.5	1628.1	1670.9	1713.6	1729.7	1745.9	1730.5	1715.0	1686.0	1656.9	1652.1
20°	1633.7	1675.0	1723.7	1772.6	1780.1	1787.6	1755.2	1722.9	1672.4	1621.9	1599.2
22.5°	1636.2	1678.5	1725.3	1771.9	1767.4	1762.9	1720.9	1678.7	1621.0	1563.4	1529.9
25°	1599.0	1636.8	1675.0	1713.3	1697.8	1682.3	1640.9	1599.6	1547.6	1495.9	1457.2
27.5°	1527.5	1556.8	1583.9	1611.2	1594.0	1576.8	1543.5	1510.3	1467.8	1425.2	1387.8
30°	1441.5	1462.4	1483.2	1503.9	1489.8	1475.9	1448.3	1420.8	1385.4	1350.0	1320.3
32.5°	1358.9	1375.7	1394.8	1413.9	1398.3	1382.7	1356.3	1329.8	1301.5	1273.4	1255.8
35°	1288.6	1304.1	1317.6	1331.2	1312.5	1293.9	1267.6	1241.5	1220.1	1198.5	1193.6
37.5°	1228.8	1243.0	1249.3	1255.5	1232.5	1209.4	1183.3	1157.1	1141.7	1126.3	1131.6
40°	1172.8	1184.8	1183.4	1181.8	1155.3	1128.7	1103.5	1078.3	1067.1	1056.1	1068.0
42.5°	1116.3	1126.5	1118.8	1111.2	1082.5	1053.8	1029.9	1006.0	996.9	987.8	1003.8
45°	1061.6	1070.8	1059.8	1048.8	1019.1	989.3	966.7	944.0	936.2	928.6	944.2
47.5°	1016.4	1022.8	1010.1	997.4	968.1	938.8	916.7	894.4	887.3	880.2	893.2
50°	984.9	985.3	969.0	952.8	926.5	900.3	879.3	858.4	847.2	836.0	847.6
52.5°	964.1	960.6	941.4	922.1	897.6	873.1	854.0	834.8	817.9	801.1	812.5
55°	946.8	942.0	921.6	901.2	879.8	858.2	837.6	816.9	793.0	769.2	787.2
57.5°	929.8	925.0	904.4	883.8	862.5	841.3	817.0	792.7	767.0	741.3	767.7
60°	905.8	900.5	879.8	859.2	837.5	816.0	788.1	760.2	737.7	715.1	749.4
62.5°	868.5	863.4	844.4	825.4	802.5	779.4	746.9	714.4	700.1	685.7	728.5
65°	817.7	812.4	795.8	779.1	757.1	735.1	700.3	665.4	660.0	654.5	700.0
67.5°	760.0	754.9	740.5	726.1	705.3	684.4	652.2	620.1	621.9	623.5	661.4
70°	698.3	693.4	680.4	667.5	649.4	631.4	603.1	574.9	580.9	586.9	613.9
72.5°	629.5	623.5	610.8	598.1	581.8	565.6	543.4	521.1	529.8	538.6	557.1
75°	548.1	541.9	530.3	518.8	504.0	489.2	472.7	456.2	464.6	473.0	487.4
77.5°	469.8	464.0	451.9	439.7	427.0	414.4	401.0	387.6	396.1	404.6	415.9
80°	379.1	371.6	362.3	353.0	342.3	331.7	320.6	309.3	316.6	323.7	333.3
82.5°	275.7	262.8	243.1	223.3	227.1	230.8	231.8	232.7	237.8	242.8	247.5
85°	167.4	151.4	132.8	114.4	124.6	135.0	139.9	144.7	150.4	156.0	161.0
87.5°	73.0	66.5	58.7	51.0	58.9	66.8	67.0	67.2	68.3	69.4	71.3
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: P962364  
 CATALOG NUMBER: NAV-SB2C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1719.4	1735.2	1749.5	1764.1	1778.8	1794.2	1809.4	1824.7	1840.0	1854.2	1868.6
5°	1704.3	1731.9	1759.9	1789.5	1819.3	1851.0	1882.8	1914.4	1946.0	1977.6	2009.3
7.5°	1698.7	1734.6	1772.8	1814.1	1855.6	1902.6	1949.7	1997.9	2046.2	2098.4	2150.7
10°	1701.4	1739.9	1787.1	1836.2	1885.1	1942.2	1999.3	2063.0	2126.9	2192.9	2259.0
12.5°	1704.8	1740.6	1790.2	1845.5	1901.0	1968.3	2035.6	2107.9	2180.2	2252.7	2325.3
15°	1690.5	1719.2	1774.2	1838.2	1902.4	1980.0	2057.5	2135.9	2214.3	2290.0	2365.7
17.5°	1647.3	1664.9	1729.5	1806.6	1883.7	1973.7	2063.7	2149.3	2234.8	2311.6	2388.4
20°	1576.6	1581.3	1656.4	1752.0	1847.6	1956.7	2065.8	2159.8	2253.8	2333.6	2413.4
22.5°	1496.4	1487.2	1572.8	1687.9	1803.1	1935.7	2068.4	2173.9	2279.3	2360.9	2442.4
25°	1418.5	1393.9	1481.5	1616.3	1751.2	1915.1	2079.0	2199.5	2320.0	2399.8	2479.7
27.5°	1350.5	1320.5	1400.4	1550.9	1701.6	1901.3	2100.9	2239.5	2378.0	2454.3	2530.4
30°	1290.7	1267.2	1334.2	1496.3	1658.3	1894.8	2131.1	2291.3	2451.6	2525.1	2598.7
32.5°	1238.3	1227.8	1281.9	1449.1	1616.3	1886.8	2157.1	2345.4	2533.7	2606.5	2679.4
35°	1188.8	1193.2	1238.2	1402.8	1567.4	1871.8	2176.2	2407.0	2637.8	2707.6	2777.4
37.5°	1136.9	1152.8	1192.2	1348.3	1504.4	1845.9	2187.6	2476.0	2764.5	2853.5	2942.5
40°	1080.1	1104.5	1140.2	1283.2	1426.2	1810.4	2194.6	2563.6	2932.5	3062.2	3191.7
42.5°	1019.8	1050.5	1083.3	1211.3	1339.4	1773.8	2208.2	2678.2	3148.3	3335.5	3522.5
45°	959.8	989.4	1022.8	1135.1	1247.4	1739.6	2232.0	2829.1	3426.2	3678.5	3930.9
47.5°	906.3	931.8	974.8	1074.7	1174.8	1711.5	2248.3	2989.7	3731.2	4086.5	4441.6
50°	859.2	888.8	945.4	1034.6	1124.0	1680.8	2237.7	3138.9	4040.0	4575.6	5111.1
52.5°	824.0	865.5	930.5	1008.3	1086.2	1629.0	2172.0	3235.7	4299.3	5089.4	5879.5
55°	805.3	867.8	928.2	989.1	1050.0	1543.1	2036.3	3214.3	4392.3	5544.9	6697.7
57.5°	794.1	870.1	923.4	966.5	1009.5	1422.1	1834.6	3064.1	4293.8	5867.8	7441.7
60°	783.6	862.7	898.0	931.8	965.7	1264.8	1564.0	2784.7	4005.4	5948.5	7891.5
62.5°	771.3	844.8	849.1	871.6	894.0	1076.7	1259.4	2406.9	3554.4	5608.8	7663.1
65°	745.5	801.4	800.9	811.5	822.2	907.4	992.7	2021.4	3050.1	5128.1	7206.1
67.5°	699.3	730.7	732.3	726.4	720.5	744.7	769.0	1643.7	2518.5	4556.0	6593.6
70°	640.7	651.1	651.1	623.7	596.2	589.4	582.4	1294.2	2005.9	3931.9	5857.9
72.5°	575.5	575.4	568.9	530.0	491.1	470.2	449.3	989.4	1529.5	3255.3	4981.1
75°	501.5	504.1	474.0	430.3	386.7	367.8	348.8	718.1	1087.3	2479.6	3871.9
77.5°	427.4	428.8	379.0	336.7	294.4	281.5	268.5	486.6	704.6	1735.5	2766.4
80°	342.9	343.1	283.7	247.9	212.1	206.7	201.4	313.5	425.7	1118.2	1810.6
82.5°	252.2	249.4	198.6	172.3	145.9	144.8	143.9	192.8	241.9	647.2	1052.5
85°	166.0	162.4	124.6	105.4	86.0	86.5	87.0	103.1	119.2	291.1	463.1
87.5°	73.4	68.7	53.0	45.1	37.2	37.7	38.1	42.7	47.4	95.3	143.4
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: P962364  
 CATALOG NUMBER: NAV-SB2C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1875.6	1882.8	1892.9	1902.9	1909.0	1914.9	1918.0	1921.0	1919.6	1921.0	1918.0
5°	2034.0	2058.8	2083.4	2108.0	2121.3	2134.7	2142.8	2150.9	2157.0	2150.9	2142.8
7.5°	2190.9	2231.1	2267.3	2303.6	2325.3	2347.1	2358.9	2370.7	2376.4	2370.7	2358.9
10°	2306.6	2354.2	2396.7	2439.2	2464.9	2490.5	2501.9	2513.4	2517.7	2513.4	2501.9
12.5°	2377.0	2428.5	2466.9	2505.2	2523.9	2542.5	2548.8	2555.0	2555.7	2555.0	2548.8
15°	2410.2	2454.7	2478.8	2502.9	2503.6	2504.3	2497.5	2490.9	2483.1	2490.9	2497.5
17.5°	2418.4	2448.5	2448.9	2449.3	2422.4	2395.3	2370.6	2345.8	2328.4	2345.8	2370.6
20°	2423.8	2434.4	2402.7	2371.0	2311.4	2251.8	2208.4	2165.0	2138.4	2165.0	2208.4
22.5°	2428.6	2414.9	2349.3	2283.7	2196.0	2108.3	2054.0	1999.8	1970.3	1999.8	2054.0
25°	2436.3	2393.0	2293.4	2193.8	2087.3	1980.8	1923.7	1866.8	1839.0	1866.8	1923.7
27.5°	2452.9	2375.3	2243.4	2111.5	1993.5	1875.4	1819.4	1763.3	1737.0	1763.3	1819.4
30°	2483.2	2367.6	2205.3	2042.8	1919.9	1796.9	1744.9	1692.8	1668.3	1692.8	1744.9
32.5°	2521.2	2363.0	2179.3	1995.5	1880.0	1764.4	1723.5	1682.5	1664.9	1682.5	1723.5
35°	2583.8	2390.2	2198.7	2007.3	1927.0	1846.8	1837.3	1827.8	1826.2	1827.8	1837.3
37.5°	2714.7	2486.9	2312.9	2138.9	2133.6	2128.4	2172.1	2215.6	2238.3	2215.6	2172.1
40°	2944.1	2696.4	2567.0	2437.6	2528.9	2620.2	2726.3	2832.3	2885.1	2832.3	2726.3
42.5°	3276.7	3030.9	2956.4	2881.9	3081.1	3280.3	3473.2	3666.0	3779.2	3666.0	3473.2
45°	3710.1	3489.3	3456.4	3423.5	3742.7	4062.0	4378.8	4695.7	4888.0	4695.7	4378.8
47.5°	4226.9	4012.1	4005.4	3998.7	4459.2	4919.5	5383.4	5847.2	6119.6	5847.2	5383.4
50°	4845.8	4580.5	4581.6	4582.8	5176.2	5769.6	6382.0	6994.2	7364.4	6994.2	6382.0
52.5°	5558.3	5237.1	5204.6	5172.0	5880.9	6589.7	7347.3	8104.9	8548.6	8104.9	7347.3
55°	6380.2	6062.9	5936.3	5809.6	6598.5	7387.4	8290.5	9193.6	9721.4	9193.6	8290.5
57.5°	7268.9	7096.1	6842.1	6588.2	7384.7	8181.3	9204.3	10227.1	10881.6	10227.1	9204.3
60°	8159.9	8428.5	8113.1	7797.7	8551.5	9305.4	10400.6	11495.8	12203.1	11495.8	10400.6
62.5°	8396.6	9130.1	9094.6	9058.9	9749.6	10440.1	11482.3	12524.2	13177.9	12524.2	11482.3
65°	7894.4	8582.9	8719.2	8855.3	9732.9	10610.6	11620.9	12631.3	13188.0	12631.3	11620.9
67.5°	7248.4	7903.2	7967.0	8030.9	8945.3	9859.6	10874.3	11889.1	12325.1	11889.1	10874.3
70°	6570.0	7282.2	7310.8	7339.4	8157.2	8974.8	9848.0	10721.2	10963.6	10721.2	9848.0
72.5°	5798.3	6615.7	6636.2	6656.7	7296.4	7936.2	8590.2	9244.2	9268.7	9244.2	8590.2
75°	4717.8	5563.6	5639.5	5715.5	6213.2	6711.0	7171.4	7631.7	7508.4	7631.7	7171.4
77.5°	3556.0	4345.6	4454.3	4563.0	4941.4	5319.7	5646.3	5972.9	5760.8	5972.9	5646.3
80°	2474.9	3139.2	3274.3	3409.3	3695.0	3980.7	4152.2	4323.7	3982.5	4323.7	4152.2
82.5°	1506.6	1960.8	2111.7	2262.7	2459.4	2656.1	2727.6	2799.1	2531.0	2799.1	2727.6
85°	704.1	945.2	1073.5	1201.8	1363.5	1525.0	1565.6	1606.3	1391.5	1606.3	1565.6
87.5°	224.4	305.3	377.0	448.6	529.4	610.2	613.7	617.0	518.0	617.0	613.7
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: P962364  
 CATALOG NUMBER: NAV-SB2C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6	1737.6
2.5°	1914.9	1909.0	1902.9	1892.9	1882.8	1875.6	1868.6
5°	2134.7	2121.3	2108.0	2083.4	2058.8	2034.0	2009.3
7.5°	2347.1	2325.3	2303.6	2267.3	2231.1	2190.9	2150.7
10°	2490.5	2464.9	2439.2	2396.7	2354.2	2306.6	2259.0
12.5°	2542.5	2523.9	2505.2	2466.9	2428.5	2377.0	2325.3
15°	2504.3	2503.6	2502.9	2478.8	2454.7	2410.2	2365.7
17.5°	2395.3	2422.4	2449.3	2448.9	2448.5	2418.4	2388.4
20°	2251.8	2311.4	2371.0	2402.7	2434.4	2423.8	2413.4
22.5°	2108.3	2196.0	2283.7	2349.3	2414.9	2428.6	2442.4
25°	1980.8	2087.3	2193.8	2293.4	2393.0	2436.3	2479.7
27.5°	1875.4	1993.5	2111.5	2243.4	2375.3	2452.9	2530.4
30°	1796.9	1919.9	2042.8	2205.3	2367.6	2483.2	2598.7
32.5°	1764.4	1880.0	1995.5	2179.3	2363.0	2521.2	2679.4
35°	1846.8	1927.0	2007.3	2198.7	2390.2	2583.8	2777.4
37.5°	2128.4	2133.6	2138.9	2312.9	2486.9	2714.7	2942.5
40°	2620.2	2528.9	2437.6	2567.0	2696.4	2944.1	3191.7
42.5°	3280.3	3081.1	2881.9	2956.4	3030.9	3276.7	3522.5
45°	4062.0	3742.7	3423.5	3456.4	3489.3	3710.1	3930.9
47.5°	4919.5	4459.2	3998.7	4005.4	4012.1	4226.9	4441.6
50°	5769.6	5176.2	4582.8	4581.6	4580.5	4845.8	5111.1
52.5°	6589.7	5880.9	5172.0	5204.6	5237.1	5558.3	5879.5
55°	7387.4	6598.5	5809.6	5936.3	6062.9	6380.2	6697.7
57.5°	8181.3	7384.7	6588.2	6842.1	7096.1	7268.9	7441.7
60°	9305.4	8551.5	7797.7	8113.1	8428.5	8159.9	7891.5
62.5°	10440.1	9749.6	9058.9	9094.6	9130.1	8396.6	7663.1
65°	10610.6	9732.9	8855.3	8719.2	8582.9	7894.4	7206.1
67.5°	9859.6	8945.3	8030.9	7967.0	7903.2	7248.4	6593.6
70°	8974.8	8157.2	7339.4	7310.8	7282.2	6570.0	5857.9
72.5°	7936.2	7296.4	6656.7	6636.2	6615.7	5798.3	4981.1
75°	6711.0	6213.2	5715.5	5639.5	5563.6	4717.8	3871.9
77.5°	5319.7	4941.4	4563.0	4454.3	4345.6	3556.0	2766.4
80°	3980.7	3695.0	3409.3	3274.3	3139.2	2474.9	1810.6
82.5°	2656.1	2459.4	2262.7	2111.7	1960.8	1506.6	1052.5
85°	1525.0	1363.5	1201.8	1073.5	945.2	704.1	463.1
87.5°	610.2	529.4	448.6	377.0	305.3	224.4	143.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)