

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: P962488

Luminaire Tested: **NAV-SB2C-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P962488
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-740-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

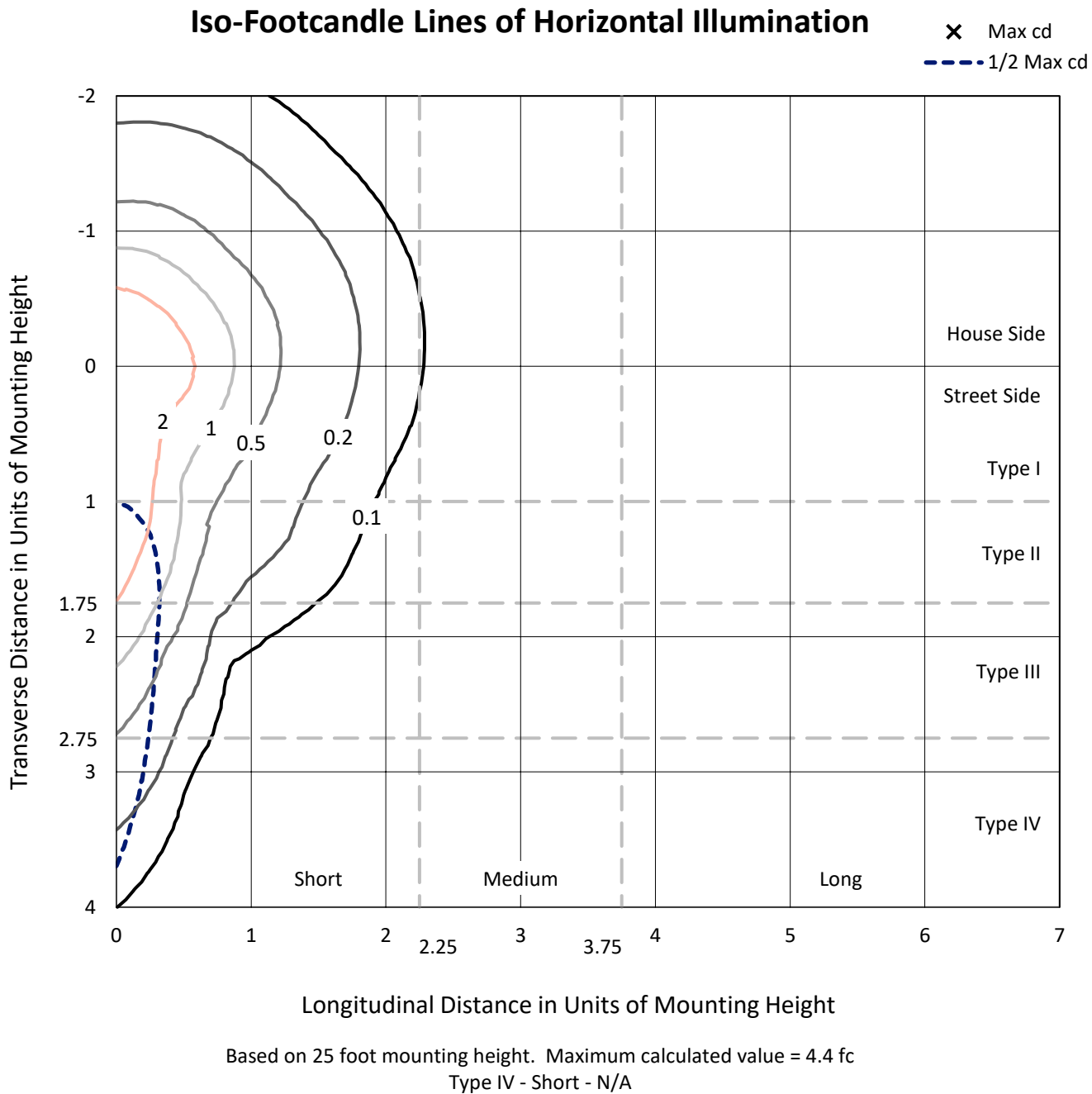
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16182.7 lumens
Efficiency: N/A
Efficacy: 160.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

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

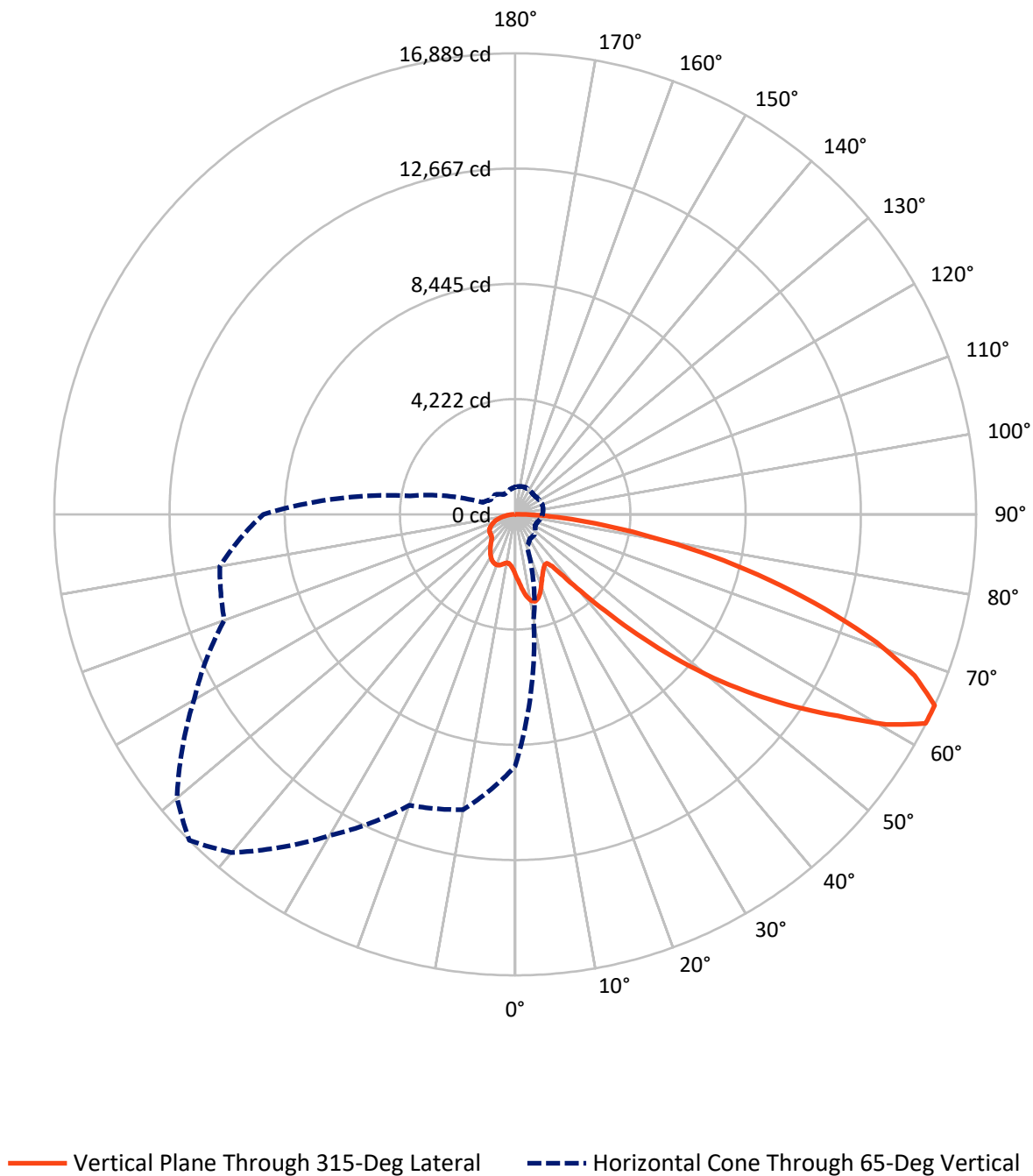


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Luminous Intensity Polar Plot



REPORT NUMBER: P962488

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4112.8	0.0	4112.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	12069.9	0.0	12069.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	16182.7	0.0	16182.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.7	1.4
10°-20°	693.0	4.3
20°-30°	1070.4	6.6
30°-40°	1356.4	8.4
40°-50°	2045.9	12.6
50°-60°	3305.4	20.4
60°-70°	4120.7	25.5
70°-80°	2702.2	16.7
80°-90°	668.0	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°	16182.7	100.0
0°-180°	16182.7	100.0

Coefficient of Utilization



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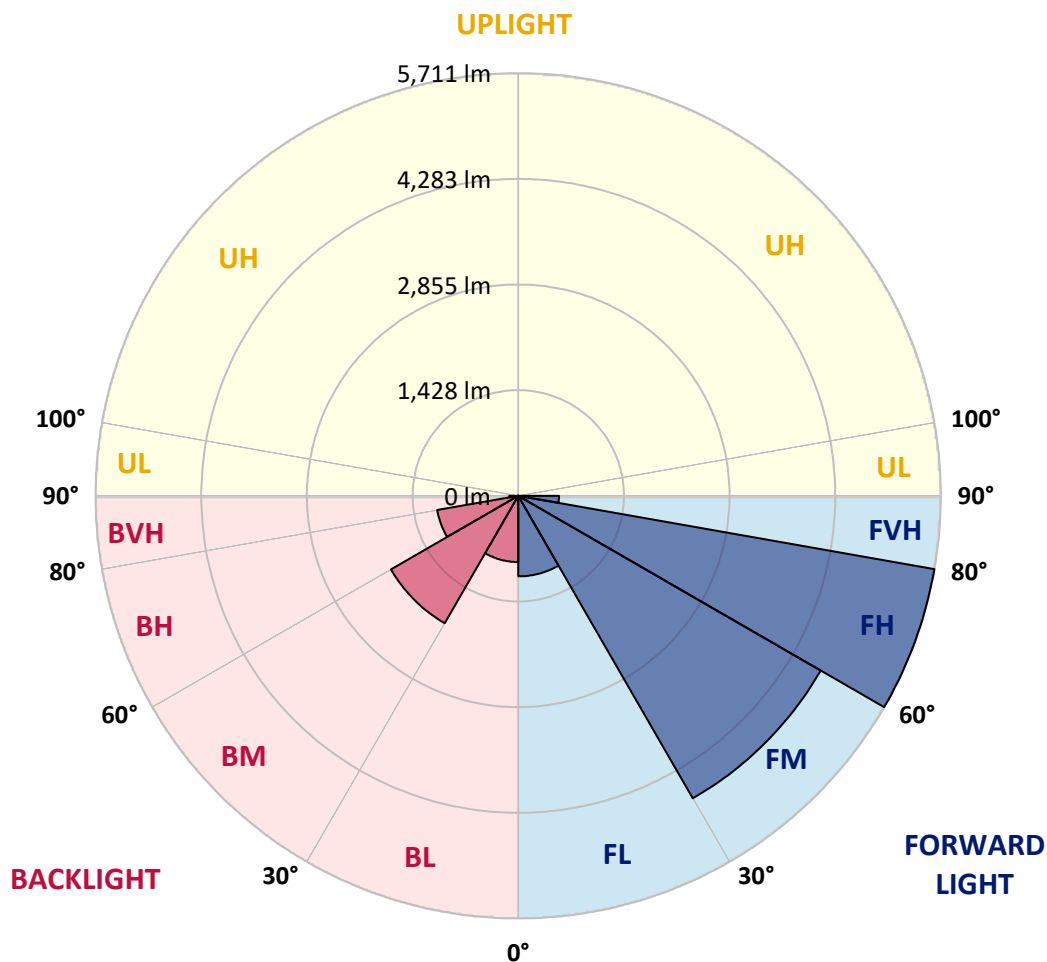
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1088.5	6.7			
FM	(30°-60°)	4720.1	29.2			
FH	(60°-80°)	5710.9	35.3			G3/7500
FVH	(80°-90°)	550.3	3.4			G4/750
BL	(0°-30°)	895.6	5.5	B2/1000		
BM	(30°-60°)	1987.6	12.3	B2/2500		
BH	(60°-80°)	1111.9	6.9	B3/2500		G3/2500
BVH	(80°-90°)	117.7	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2393.1	2374.7	2356.4	2336.8	2317.3	2297.6	2278.1	2259.2	2240.4	2222.3	2202.0
5°	2573.3	2532.7	2492.1	2451.6	2411.2	2370.5	2329.8	2291.9	2253.9	2218.0	2182.5
7.5°	2754.3	2687.3	2620.4	2558.6	2496.8	2436.6	2376.4	2323.4	2270.4	2221.4	2175.6
10°	2893.0	2808.4	2723.7	2642.0	2560.4	2487.4	2414.2	2351.5	2288.6	2228.2	2178.9
12.5°	2977.9	2885.0	2792.1	2699.5	2607.0	2520.7	2434.5	2363.5	2292.5	2229.1	2183.2
15°	3029.6	2932.7	2835.8	2735.4	2635.0	2535.6	2436.3	2354.2	2272.0	2201.8	2165.1
17.5°	3058.7	2960.4	2862.1	2752.5	2643.0	2527.8	2412.4	2313.6	2214.8	2132.2	2109.6
20°	3090.7	2988.6	2886.4	2766.0	2645.5	2505.8	2366.1	2243.7	2121.2	2025.0	2019.0
22.5°	3127.8	3023.4	2919.1	2784.0	2649.0	2479.1	2309.1	2161.6	2014.2	1904.7	1916.3
25°	3175.7	3073.4	2971.2	2816.8	2662.4	2452.5	2242.8	2070.0	1897.4	1785.0	1816.7
27.5°	3240.5	3143.1	3045.5	2868.1	2690.6	2434.9	2179.1	1986.2	1793.3	1691.1	1729.6
30°	3328.1	3233.8	3139.6	2934.5	2729.3	2426.6	2123.8	1916.2	1708.7	1622.9	1653.0
32.5°	3431.4	3338.0	3244.8	3003.7	2762.6	2416.3	2070.0	1855.9	1641.6	1572.5	1585.9
35°	3557.0	3467.6	3378.2	3082.6	2787.0	2397.1	2007.4	1796.5	1585.7	1528.1	1522.5
37.5°	3768.2	3654.3	3540.5	3170.9	2801.4	2364.1	1926.6	1726.7	1526.7	1476.4	1456.1
40°	4087.6	3921.6	3755.6	3283.2	2810.7	2318.5	1826.4	1643.3	1460.2	1414.5	1383.3
42.5°	4511.1	4271.6	4031.9	3430.0	2828.0	2271.5	1715.3	1551.3	1387.4	1345.3	1306.1
45°	5034.2	4711.0	4387.7	3623.1	2858.4	2227.9	1597.5	1453.7	1309.8	1267.2	1229.2
47.5°	5688.2	5233.3	4778.4	3828.9	2879.3	2191.9	1504.4	1376.4	1248.4	1193.3	1160.6
50°	6545.5	5859.8	5174.0	4019.8	2865.7	2152.6	1439.5	1325.1	1210.6	1138.3	1100.2
52.5°	7529.6	6517.8	5505.9	4143.8	2781.5	2086.3	1391.0	1291.3	1191.7	1108.3	1055.2
55°	8577.4	7101.2	5625.1	4116.5	2607.8	1976.3	1344.7	1266.8	1188.8	1111.3	1031.4
57.5°	9530.3	7514.7	5498.9	3924.2	2349.5	1821.2	1292.8	1237.7	1182.6	1114.4	1017.0
60°	10106.3	7618.0	5129.5	3566.3	2003.1	1619.8	1236.7	1193.3	1150.0	1104.9	1003.5
62.5°	9813.9	7182.9	4551.9	3082.4	1612.8	1378.8	1144.9	1116.1	1087.4	1081.9	987.8
65°	9228.5	6567.4	3906.2	2588.6	1271.3	1162.0	1052.9	1039.2	1025.7	1026.4	954.7
67.5°	8444.3	5834.8	3225.4	2105.0	984.7	953.8	922.6	930.2	937.8	935.8	895.5
70°	7502.0	5035.4	2569.0	1657.4	745.9	754.8	763.5	798.8	833.8	833.8	820.6
72.5°	6379.1	4168.9	1958.9	1267.1	575.3	602.1	628.9	678.8	728.6	736.9	737.1
75°	4958.5	3175.6	1392.6	919.6	446.8	471.0	495.3	551.1	606.9	645.5	642.3
77.5°	3542.8	2222.6	902.4	623.2	344.0	360.4	377.0	431.2	485.4	549.1	547.3
80°	2318.8	1432.0	545.2	401.5	257.9	264.8	271.5	317.4	363.4	439.3	439.1
82.5°	1347.9	828.8	309.8	246.9	184.3	185.4	186.9	220.7	254.5	319.4	323.0
85°	593.1	372.8	152.7	132.0	111.4	110.8	110.2	134.9	159.7	208.0	212.6
87.5°	183.6	122.1	60.6	54.7	48.9	48.3	47.7	57.7	67.9	87.9	93.9
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°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2185.6	2169.3	2154.5	2139.9	2127.0	2114.1	2101.1	2088.2	2078.2	2068.1	2060.0
5°	2151.7	2120.6	2094.7	2068.9	2045.9	2023.0	2002.3	1981.4	1965.5	1949.4	1938.3
7.5°	2134.4	2093.4	2059.2	2025.0	1996.3	1967.4	1942.0	1916.5	1897.6	1878.6	1865.3
10°	2135.6	2092.2	2058.1	2023.9	1992.9	1961.8	1933.3	1904.7	1881.9	1859.1	1844.3
12.5°	2147.7	2112.4	2089.7	2067.1	2042.7	2018.4	1988.8	1959.3	1930.3	1901.2	1882.0
15°	2148.1	2131.2	2134.3	2137.3	2131.0	2124.7	2099.0	2073.3	2032.0	1990.7	1961.4
17.5°	2115.8	2122.0	2159.2	2196.4	2216.3	2235.9	2215.2	2194.5	2139.8	2085.1	2042.0
20°	2048.1	2077.1	2141.7	2206.5	2247.9	2289.3	2279.7	2270.1	2207.5	2145.0	2092.2
22.5°	1959.3	2002.2	2076.0	2149.9	2203.9	2257.7	2263.5	2269.2	2209.5	2149.7	2095.4
25°	1866.2	1915.7	1982.0	2048.5	2101.6	2154.5	2174.3	2194.1	2145.1	2096.1	2047.8
27.5°	1777.4	1825.2	1879.7	1934.3	1976.8	2019.2	2041.3	2063.4	2028.5	1993.7	1956.2
30°	1690.8	1729.0	1774.3	1819.5	1854.7	1890.1	1908.0	1926.0	1899.4	1872.8	1845.9
32.5°	1608.3	1630.8	1666.9	1703.1	1737.0	1770.8	1790.7	1810.7	1786.3	1761.8	1740.3
35°	1528.7	1534.8	1562.5	1590.0	1623.4	1657.0	1680.9	1704.8	1687.4	1670.0	1650.2
37.5°	1449.2	1442.4	1462.3	1481.9	1515.4	1548.8	1578.4	1607.9	1599.8	1591.8	1573.7
40°	1367.9	1352.4	1366.6	1380.9	1413.2	1445.5	1479.5	1513.5	1515.5	1517.4	1501.9
42.5°	1285.6	1265.1	1276.6	1288.3	1319.0	1349.6	1386.3	1423.0	1432.8	1442.7	1429.6
45°	1209.2	1189.3	1199.0	1209.0	1238.0	1267.0	1305.1	1343.2	1357.3	1371.3	1359.6
47.5°	1143.9	1127.2	1136.4	1145.5	1173.9	1202.3	1239.8	1277.5	1293.7	1309.8	1301.6
50°	1085.4	1070.6	1085.0	1099.4	1126.2	1152.9	1186.5	1220.3	1241.1	1261.9	1261.4
52.5°	1040.6	1025.9	1047.6	1069.1	1093.7	1118.2	1149.5	1180.9	1205.6	1230.3	1234.7
55°	1008.1	984.9	1015.7	1046.2	1072.7	1099.1	1126.7	1154.0	1180.2	1206.4	1212.6
57.5°	983.2	949.4	982.4	1015.3	1046.3	1077.5	1104.6	1131.8	1158.2	1184.5	1190.7
60°	959.7	915.8	944.7	973.6	1009.3	1045.0	1072.6	1100.2	1126.7	1153.2	1160.0
62.5°	933.0	878.2	896.6	914.9	956.5	998.2	1027.7	1057.1	1081.4	1105.7	1112.2
65°	896.5	838.1	845.2	852.2	896.8	941.5	969.6	997.7	1019.2	1040.5	1047.2
67.5°	847.1	798.6	796.3	794.2	835.3	876.5	903.2	929.9	948.3	966.8	973.3
70°	786.1	751.6	743.9	736.3	772.4	808.6	831.7	854.7	871.5	888.1	894.4
72.5°	713.4	689.8	678.6	667.3	695.9	724.3	745.1	766.0	782.3	798.6	806.1
75°	624.1	605.9	595.1	584.2	605.4	626.6	645.4	664.3	679.2	694.0	701.9
77.5°	532.8	518.1	507.2	496.3	513.5	530.7	546.9	563.1	578.8	594.3	601.7
80°	426.9	414.6	405.4	396.2	410.5	424.9	438.5	452.1	464.0	475.8	485.5
82.5°	316.9	311.0	304.5	298.0	296.8	295.6	290.8	286.1	311.3	336.6	353.2
85°	206.2	199.8	192.6	185.3	179.2	172.9	159.7	146.5	170.0	193.8	214.3
87.5°	91.3	88.8	87.4	86.1	85.8	85.6	75.4	65.3	75.2	85.2	93.5
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2051.9	2045.6	2039.2	2033.5	2027.6	2020.3	2027.6	2033.5	2039.2	2045.6	2051.9
5°	1927.1	1919.1	1911.2	1905.2	1899.1	1893.1	1899.1	1905.2	1911.2	1919.1	1927.1
7.5°	1852.0	1842.8	1833.7	1828.3	1822.9	1818.8	1822.9	1828.3	1833.7	1842.8	1852.0
10°	1829.2	1820.6	1812.0	1807.4	1802.8	1800.8	1802.8	1807.4	1812.0	1820.6	1829.2
12.5°	1862.7	1853.1	1843.6	1839.7	1835.7	1835.1	1835.7	1839.7	1843.6	1853.1	1862.7
15°	1932.2	1918.8	1905.5	1900.4	1895.2	1894.8	1895.2	1900.4	1905.5	1918.8	1932.2
17.5°	1999.0	1979.2	1959.3	1952.8	1946.2	1945.1	1946.2	1952.8	1959.3	1979.2	1999.0
20°	2039.5	2014.2	1988.7	1980.6	1972.5	1969.9	1972.5	1980.6	1988.7	2014.2	2039.5
22.5°	2041.0	2014.2	1987.5	1978.5	1969.5	1965.6	1969.5	1978.5	1987.5	2014.2	2041.0
25°	1999.7	1976.4	1953.3	1944.8	1936.4	1931.5	1936.4	1944.8	1953.3	1976.4	1999.7
27.5°	1918.7	1903.2	1887.5	1883.7	1879.8	1878.6	1879.8	1883.7	1887.5	1903.2	1918.7
30°	1819.0	1811.1	1803.0	1803.0	1803.0	1804.3	1803.0	1803.0	1803.0	1811.1	1819.0
32.5°	1718.9	1713.7	1708.5	1709.2	1709.9	1711.2	1709.9	1709.2	1708.5	1713.7	1718.9
35°	1630.6	1622.6	1614.7	1613.0	1611.3	1610.5	1611.3	1613.0	1614.7	1622.6	1630.6
37.5°	1555.3	1541.0	1526.6	1519.0	1511.4	1507.2	1511.4	1519.0	1526.6	1541.0	1555.3
40°	1486.5	1465.4	1444.6	1430.5	1416.4	1408.0	1416.4	1430.5	1444.6	1465.4	1486.5
42.5°	1416.7	1390.6	1364.5	1344.0	1323.4	1309.8	1323.4	1344.0	1364.5	1390.6	1416.7
45°	1347.9	1318.0	1288.3	1264.2	1240.0	1224.5	1240.0	1264.2	1288.3	1318.0	1347.9
47.5°	1293.4	1267.0	1240.6	1218.2	1195.9	1180.9	1195.9	1218.2	1240.6	1267.0	1293.4
50°	1261.1	1239.8	1218.7	1198.0	1177.3	1163.0	1177.3	1198.0	1218.7	1239.8	1261.1
52.5°	1239.2	1221.9	1204.7	1186.1	1167.7	1154.5	1167.7	1186.1	1204.7	1221.9	1239.2
55°	1218.7	1203.7	1188.6	1172.4	1156.2	1144.2	1156.2	1172.4	1188.6	1203.7	1218.7
57.5°	1197.0	1181.8	1166.6	1150.6	1134.4	1122.1	1134.4	1150.6	1166.6	1181.8	1197.0
60°	1166.9	1152.0	1137.2	1120.6	1104.1	1091.3	1104.1	1120.6	1137.2	1152.0	1166.9
62.5°	1118.8	1105.4	1091.9	1074.5	1057.1	1041.7	1057.1	1074.5	1091.9	1105.4	1118.8
65°	1053.9	1041.0	1028.1	1011.2	994.4	981.1	994.4	1011.2	1028.1	1041.0	1053.9
67.5°	979.9	968.0	956.2	940.4	924.8	912.9	924.8	940.4	956.2	968.0	979.9
70°	900.7	891.0	881.4	866.3	851.4	837.6	851.4	866.3	881.4	891.0	900.7
72.5°	813.6	805.5	797.6	783.2	769.0	755.7	769.0	783.2	797.6	805.5	813.6
75°	709.7	705.8	701.9	689.8	677.8	665.2	677.8	689.8	701.9	705.8	709.7
77.5°	609.0	603.5	597.9	585.8	573.7	563.5	573.7	585.8	597.9	603.5	609.0
80°	495.3	492.8	490.6	474.3	457.9	438.9	457.9	474.3	490.6	492.8	495.3
82.5°	369.7	368.7	367.6	353.8	340.0	327.9	340.0	353.8	367.6	368.7	369.7
85°	234.8	233.1	231.4	220.7	209.9	199.0	209.9	220.7	231.4	233.1	234.8
87.5°	101.8	99.7	97.5	92.0	86.4	81.1	86.4	92.0	97.5	99.7	101.8
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: P962488

CATALOG NUMBER: NAV-SB2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2060.0	2068.1	2078.2	2088.2	2101.1	2114.1	2127.0	2139.9	2154.5	2169.3	2185.6
5°	1938.3	1949.4	1965.5	1981.4	2002.3	2023.0	2045.9	2068.9	2094.7	2120.6	2151.7
7.5°	1865.3	1878.6	1897.6	1916.5	1942.0	1967.4	1996.3	2025.0	2059.2	2093.4	2134.4
10°	1844.3	1859.1	1881.9	1904.7	1933.3	1961.8	1992.9	2023.9	2058.1	2092.2	2135.6
12.5°	1882.0	1901.2	1930.3	1959.3	1988.8	2018.4	2042.7	2067.1	2089.7	2112.4	2147.7
15°	1961.4	1990.7	2032.0	2073.3	2099.0	2124.7	2131.0	2137.3	2134.3	2131.2	2148.1
17.5°	2042.0	2085.1	2139.8	2194.5	2215.2	2235.9	2216.3	2196.4	2159.2	2122.0	2115.8
20°	2092.2	2145.0	2207.5	2270.1	2279.7	2289.3	2247.9	2206.5	2141.7	2077.1	2048.1
22.5°	2095.4	2149.7	2209.5	2269.2	2263.5	2257.7	2203.9	2149.9	2076.0	2002.2	1959.3
25°	2047.8	2096.1	2145.1	2194.1	2174.3	2154.5	2101.6	2048.5	1982.0	1915.7	1866.2
27.5°	1956.2	1993.7	2028.5	2063.4	2041.3	2019.2	1976.8	1934.3	1879.7	1825.2	1777.4
30°	1845.9	1872.8	1899.4	1926.0	1908.0	1890.1	1854.7	1819.5	1774.3	1729.0	1690.8
32.5°	1740.3	1761.8	1786.3	1810.7	1790.7	1770.8	1737.0	1703.1	1666.9	1630.8	1608.3
35°	1650.2	1670.0	1687.4	1704.8	1680.9	1657.0	1623.4	1590.0	1562.5	1534.8	1528.7
37.5°	1573.7	1591.8	1599.8	1607.9	1578.4	1548.8	1515.4	1481.9	1462.3	1442.4	1449.2
40°	1501.9	1517.4	1515.5	1513.5	1479.5	1445.5	1413.2	1380.9	1366.6	1352.4	1367.9
42.5°	1429.6	1442.7	1432.8	1423.0	1386.3	1349.6	1319.0	1288.3	1276.6	1265.1	1285.6
45°	1359.6	1371.3	1357.3	1343.2	1305.1	1267.0	1238.0	1209.0	1199.0	1189.3	1209.2
47.5°	1301.6	1309.8	1293.7	1277.5	1239.8	1202.3	1173.9	1145.5	1136.4	1127.2	1143.9
50°	1261.4	1261.9	1241.1	1220.3	1186.5	1152.9	1126.2	1099.4	1085.0	1070.6	1085.4
52.5°	1234.7	1230.3	1205.6	1180.9	1149.5	1118.2	1093.7	1069.1	1047.6	1025.9	1040.6
55°	1212.6	1206.4	1180.2	1154.0	1126.7	1099.1	1072.7	1046.2	1015.7	984.9	1008.1
57.5°	1190.7	1184.5	1158.2	1131.8	1104.6	1077.5	1046.3	1015.3	982.4	949.4	983.2
60°	1160.0	1153.2	1126.7	1100.2	1072.6	1045.0	1009.3	973.6	944.7	915.8	959.7
62.5°	1112.2	1105.7	1081.4	1057.1	1027.7	998.2	956.5	914.9	896.6	878.2	933.0
65°	1047.2	1040.5	1019.2	997.7	969.6	941.5	896.8	852.2	845.2	838.1	896.5
67.5°	973.3	966.8	948.3	929.9	903.2	876.5	835.3	794.2	796.3	798.6	847.1
70°	894.4	888.1	871.5	854.7	831.7	808.6	772.4	736.3	743.9	751.6	786.1
72.5°	806.1	798.6	782.3	766.0	745.1	724.3	695.9	667.3	678.6	689.8	713.4
75°	701.9	694.0	679.2	664.3	645.4	626.6	605.4	584.2	595.1	605.9	624.1
77.5°	601.7	594.3	578.8	563.1	546.9	530.7	513.5	496.3	507.2	518.1	532.8
80°	485.5	475.8	464.0	452.1	438.5	424.9	410.5	396.2	405.4	414.6	426.9
82.5°	353.2	336.6	311.3	286.1	290.8	295.6	296.8	298.0	304.5	311.0	316.9
85°	214.3	193.8	170.0	146.5	159.7	172.9	179.2	185.3	192.6	199.8	206.2
87.5°	93.5	85.2	75.2	65.3	75.4	85.6	85.8	86.1	87.4	88.8	91.3
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: P962488

CATALOG NUMBER: NAV-SB2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2202.0	2222.3	2240.4	2259.2	2278.1	2297.6	2317.3	2336.8	2356.4	2374.7	2393.1
5°	2182.5	2218.0	2253.9	2291.9	2329.8	2370.5	2411.2	2451.6	2492.1	2532.7	2573.3
7.5°	2175.6	2221.4	2270.4	2323.4	2376.4	2436.6	2496.8	2558.6	2620.4	2687.3	2754.3
10°	2178.9	2228.2	2288.6	2351.5	2414.2	2487.4	2560.4	2642.0	2723.7	2808.4	2893.0
12.5°	2183.2	2229.1	2292.5	2363.5	2434.5	2520.7	2607.0	2699.5	2792.1	2885.0	2977.9
15°	2165.1	2201.8	2272.0	2354.2	2436.3	2535.6	2635.0	2735.4	2835.8	2932.7	3029.6
17.5°	2109.6	2132.2	2214.8	2313.6	2412.4	2527.8	2643.0	2752.5	2862.1	2960.4	3058.7
20°	2019.0	2025.0	2121.2	2243.7	2366.1	2505.8	2645.5	2766.0	2886.4	2988.6	3090.7
22.5°	1916.3	1904.7	2014.2	2161.6	2309.1	2479.1	2649.0	2784.0	2919.1	3023.4	3127.8
25°	1816.7	1785.0	1897.4	2070.0	2242.8	2452.5	2662.4	2816.8	2971.2	3073.4	3175.7
27.5°	1729.6	1691.1	1793.3	1986.2	2179.1	2434.9	2690.6	2868.1	3045.5	3143.1	3240.5
30°	1653.0	1622.9	1708.7	1916.2	2123.8	2426.6	2729.3	2934.5	3139.6	3233.8	3328.1
32.5°	1585.9	1572.5	1641.6	1855.9	2070.0	2416.3	2762.6	3003.7	3244.8	3338.0	3431.4
35°	1522.5	1528.1	1585.7	1796.5	2007.4	2397.1	2787.0	3082.6	3378.2	3467.6	3557.0
37.5°	1456.1	1476.4	1526.7	1726.7	1926.6	2364.1	2801.4	3170.9	3540.5	3654.3	3768.2
40°	1383.3	1414.5	1460.2	1643.3	1826.4	2318.5	2810.7	3283.2	3755.6	3921.6	4087.6
42.5°	1306.1	1345.3	1387.4	1551.3	1715.3	2271.5	2828.0	3430.0	4031.9	4271.6	4511.1
45°	1229.2	1267.2	1309.8	1453.7	1597.5	2227.9	2858.4	3623.1	4387.7	4711.0	5034.2
47.5°	1160.6	1193.3	1248.4	1376.4	1504.4	2191.9	2879.3	3828.9	4778.4	5233.3	5688.2
50°	1100.2	1138.3	1210.6	1325.1	1439.5	2152.6	2865.7	4019.8	5174.0	5859.8	6545.5
52.5°	1055.2	1108.3	1191.7	1291.3	1391.0	2086.3	2781.5	4143.8	5505.9	6517.8	7529.6
55°	1031.4	1111.3	1188.8	1266.8	1344.7	1976.3	2607.8	4116.5	5625.1	7101.2	8577.4
57.5°	1017.0	1114.4	1182.6	1237.7	1292.8	1821.2	2349.5	3924.2	5498.9	7514.7	9530.3
60°	1003.5	1104.9	1150.0	1193.3	1236.7	1619.8	2003.1	3566.3	5129.5	7618.0	10106.3
62.5°	987.8	1081.9	1087.4	1116.1	1144.9	1378.8	1612.8	3082.4	4551.9	7182.9	9813.9
65°	954.7	1026.4	1025.7	1039.2	1052.9	1162.0	1271.3	2588.6	3906.2	6567.4	9228.5
67.5°	895.5	935.8	937.8	930.2	922.6	953.8	984.7	2105.0	3225.4	5834.8	8444.3
70°	820.6	833.8	833.8	798.8	763.5	754.8	745.9	1657.4	2569.0	5035.4	7502.0
72.5°	737.1	736.9	728.6	678.8	628.9	602.1	575.3	1267.1	1958.9	4168.9	6379.1
75°	642.3	645.5	606.9	551.1	495.3	471.0	446.8	919.6	1392.6	3175.6	4958.5
77.5°	547.3	549.1	485.4	431.2	377.0	360.4	344.0	623.2	902.4	2222.6	3542.8
80°	439.1	439.3	363.4	317.4	271.5	264.8	257.9	401.5	545.2	1432.0	2318.8
82.5°	323.0	319.4	254.5	220.7	186.9	185.4	184.3	246.9	309.8	828.8	1347.9
85°	212.6	208.0	159.7	134.9	110.2	110.8	111.4	132.0	152.7	372.8	593.1
87.5°	93.9	87.9	67.9	57.7	47.7	48.3	48.9	54.7	60.6	122.1	183.6
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-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2402.1	2411.2	2424.1	2437.0	2444.7	2452.4	2456.2	2460.1	2458.4	2460.1	2456.2
5°	2604.9	2636.7	2668.1	2699.6	2716.7	2733.8	2744.1	2754.5	2762.4	2754.5	2744.1
7.5°	2805.8	2857.3	2903.7	2950.1	2977.9	3005.9	3021.0	3036.0	3043.3	3036.0	3021.0
10°	2953.9	3014.9	3069.4	3123.7	3156.7	3189.5	3204.1	3218.8	3224.3	3218.8	3204.1
12.5°	3044.0	3110.1	3159.3	3208.2	3232.1	3256.1	3264.1	3272.1	3273.0	3272.1	3264.1
15°	3086.7	3143.7	3174.4	3205.4	3206.2	3207.1	3198.5	3190.0	3180.0	3190.0	3198.5
17.5°	3097.1	3135.7	3136.3	3136.8	3102.3	3067.6	3035.9	3004.2	2981.8	3004.2	3035.9
20°	3104.1	3117.5	3077.0	3036.5	2960.1	2883.8	2828.2	2772.6	2738.5	2772.6	2828.2
22.5°	3110.3	3092.6	3008.6	2924.6	2812.3	2700.1	2630.6	2561.0	2523.2	2561.0	2630.6
25°	3120.1	3064.6	2937.0	2809.5	2673.1	2536.8	2463.7	2390.7	2355.0	2390.7	2463.7
27.5°	3141.3	3042.0	2873.1	2704.2	2553.0	2401.9	2329.9	2258.2	2224.5	2258.2	2329.9
30°	3180.1	3032.2	2824.2	2616.2	2458.7	2301.2	2234.6	2167.9	2136.4	2167.9	2234.6
32.5°	3228.7	3026.2	2790.9	2555.5	2407.5	2259.6	2207.2	2154.9	2132.2	2154.9	2207.2
35°	3308.9	3061.1	2815.8	2570.7	2467.9	2365.1	2352.9	2340.7	2338.8	2340.7	2352.9
37.5°	3476.6	3184.9	2962.0	2739.1	2732.4	2725.8	2781.6	2837.5	2866.5	2837.5	2781.6
40°	3770.4	3453.1	3287.4	3121.6	3238.7	3355.6	3491.5	3627.2	3694.8	3627.2	3491.5
42.5°	4196.3	3881.7	3786.1	3690.7	3945.8	4201.0	4448.0	4694.9	4839.9	4694.9	4448.0
45°	4751.4	4468.6	4426.6	4384.3	4793.1	5202.0	5607.8	6013.6	6260.0	6013.6	5607.8
47.5°	5413.2	5138.1	5129.5	5121.0	5710.7	6300.3	6894.3	7488.2	7837.0	7488.2	6894.3
50°	6205.8	5866.1	5867.6	5869.0	6629.0	7388.9	8173.0	8957.3	9431.3	8957.3	8173.0
52.5°	7118.3	6707.0	6665.4	6623.7	7531.5	8439.2	9409.5	10379.6	10947.8	10379.6	9409.5
55°	8171.0	7764.5	7602.3	7440.2	8450.5	9460.8	10617.4	11774.0	12449.9	11774.0	10617.4
57.5°	9309.0	9087.6	8762.4	8437.2	9457.4	10477.6	11787.6	13097.6	13935.6	13097.6	11787.6
60°	10450.1	10794.0	10390.1	9986.2	10951.6	11917.1	13319.7	14722.3	15628.1	14722.3	13319.7
62.5°	10753.3	11692.6	11647.1	11601.5	12485.8	13370.3	14704.9	16039.2	16876.4	16039.2	14704.9
65°	10110.2	10991.8	11166.2	11340.6	12464.5	13588.5	14882.5	16176.4	16889.2	16176.4	14882.5
67.5°	9282.7	10121.3	10203.1	10284.7	11455.8	12626.8	13926.4	15225.9	15784.3	15225.9	13926.4
70°	8414.0	9326.1	9362.7	9399.2	10446.5	11493.6	12612.0	13730.3	14040.7	13730.3	12612.0
72.5°	7425.7	8472.3	8498.7	8524.9	9344.2	10163.5	11001.1	11838.6	11870.0	11838.6	11001.1
75°	6041.9	7125.1	7222.4	7319.6	7957.1	8594.5	9184.1	9773.7	9615.7	9773.7	9184.1
77.5°	4554.0	5565.2	5704.4	5843.6	6328.2	6812.9	7231.0	7649.3	7377.6	7649.3	7231.0
80°	3169.5	4020.2	4193.2	4366.2	4732.1	5097.9	5317.6	5537.2	5100.3	5537.2	5317.6
82.5°	1929.5	2511.1	2704.4	2897.7	3149.6	3401.5	3493.1	3584.6	3241.4	3584.6	3493.1
85°	901.7	1210.4	1374.7	1539.1	1746.1	1953.0	2005.0	2057.1	1782.1	2057.1	2005.0
87.5°	287.3	391.0	482.8	574.5	678.0	781.5	786.0	790.3	663.5	790.3	786.0
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: P962488

CATALOG NUMBER: NAV-SB2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
2.5°	2452.4	2444.7	2437.0	2424.1	2411.2	2402.1	2393.1
5°	2733.8	2716.7	2699.6	2668.1	2636.7	2604.9	2573.3
7.5°	3005.9	2977.9	2950.1	2903.7	2857.3	2805.8	2754.3
10°	3189.5	3156.7	3123.7	3069.4	3014.9	2953.9	2893.0
12.5°	3256.1	3232.1	3208.2	3159.3	3110.1	3044.0	2977.9
15°	3207.1	3206.2	3205.4	3174.4	3143.7	3086.7	3029.6
17.5°	3067.6	3102.3	3136.8	3136.3	3135.7	3097.1	3058.7
20°	2883.8	2960.1	3036.5	3077.0	3117.5	3104.1	3090.7
22.5°	2700.1	2812.3	2924.6	3008.6	3092.6	3110.3	3127.8
25°	2536.8	2673.1	2809.5	2937.0	3064.6	3120.1	3175.7
27.5°	2401.9	2553.0	2704.2	2873.1	3042.0	3141.3	3240.5
30°	2301.2	2458.7	2616.2	2824.2	3032.2	3180.1	3328.1
32.5°	2259.6	2407.5	2555.5	2790.9	3026.2	3228.7	3431.4
35°	2365.1	2467.9	2570.7	2815.8	3061.1	3308.9	3557.0
37.5°	2725.8	2732.4	2739.1	2962.0	3184.9	3476.6	3768.2
40°	3355.6	3238.7	3121.6	3287.4	3453.1	3770.4	4087.6
42.5°	4201.0	3945.8	3690.7	3786.1	3881.7	4196.3	4511.1
45°	5202.0	4793.1	4384.3	4426.6	4468.6	4751.4	5034.2
47.5°	6300.3	5710.7	5121.0	5129.5	5138.1	5413.2	5688.2
50°	7388.9	6629.0	5869.0	5867.6	5866.1	6205.8	6545.5
52.5°	8439.2	7531.5	6623.7	6665.4	6707.0	7118.3	7529.6
55°	9460.8	8450.5	7440.2	7602.3	7764.5	8171.0	8577.4
57.5°	10477.6	9457.4	8437.2	8762.4	9087.6	9309.0	9530.3
60°	11917.1	10951.6	9986.2	10390.1	10794.0	10450.1	10106.3
62.5°	13370.3	12485.8	11601.5	11647.1	11692.6	10753.3	9813.9
65°	13588.5	12464.5	11340.6	11166.2	10991.8	10110.2	9228.5
67.5°	12626.8	11455.8	10284.7	10203.1	10121.3	9282.7	8444.3
70°	11493.6	10446.5	9399.2	9362.7	9326.1	8414.0	7502.0
72.5°	10163.5	9344.2	8524.9	8498.7	8472.3	7425.7	6379.1
75°	8594.5	7957.1	7319.6	7222.4	7125.1	6041.9	4958.5
77.5°	6812.9	6328.2	5843.6	5704.4	5565.2	4554.0	3542.8
80°	5097.9	4732.1	4366.2	4193.2	4020.2	3169.5	2318.8
82.5°	3401.5	3149.6	2897.7	2704.4	2511.1	1929.5	1347.9
85°	1953.0	1746.1	1539.1	1374.7	1210.4	901.7	593.1
87.5°	781.5	678.0	574.5	482.8	391.0	287.3	183.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)