

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: P960409

Luminaire Tested: **NAV-SB1C-750-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P960409
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-SB1C-750-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 5000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8094.4 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 54.4
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

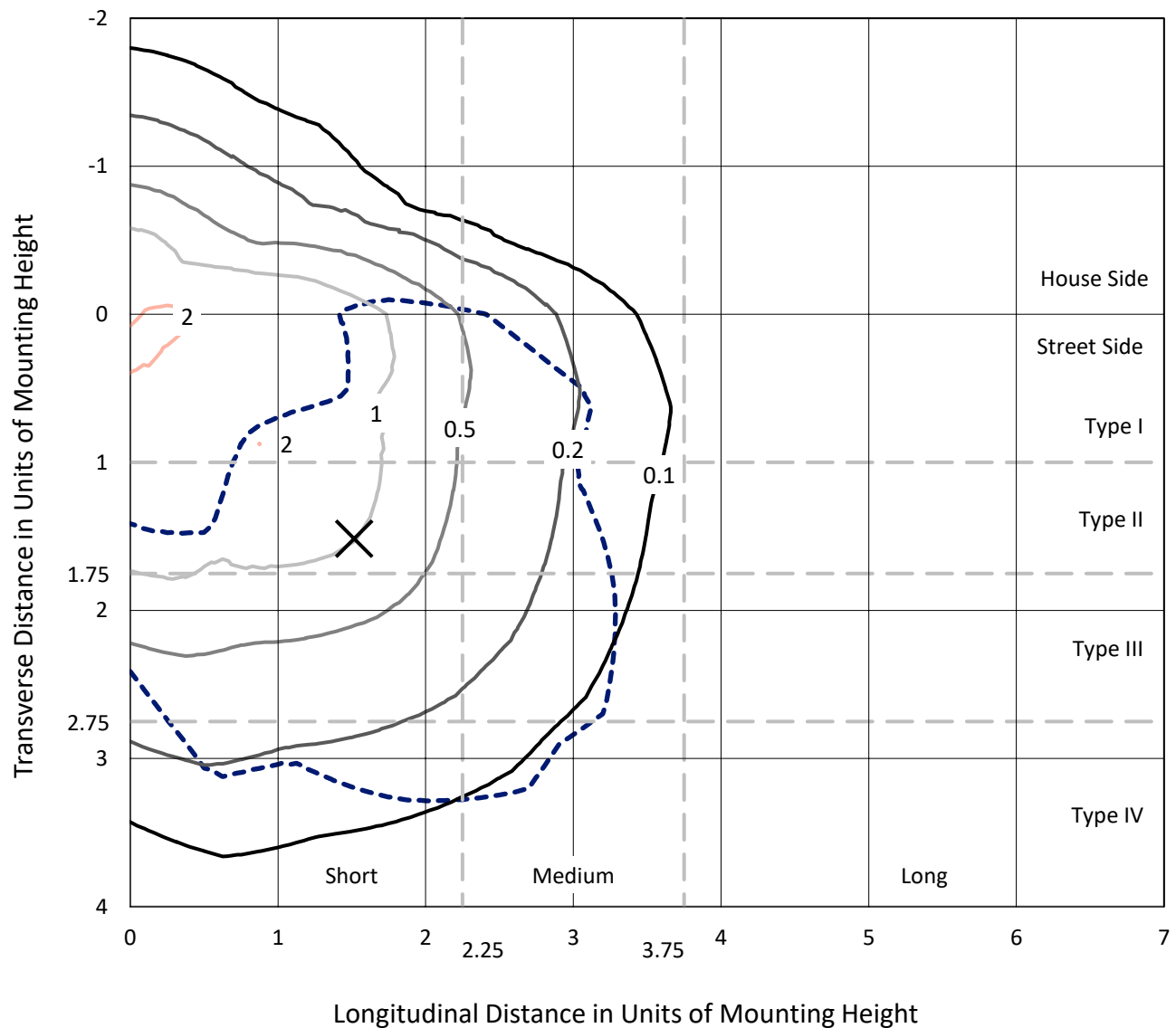


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

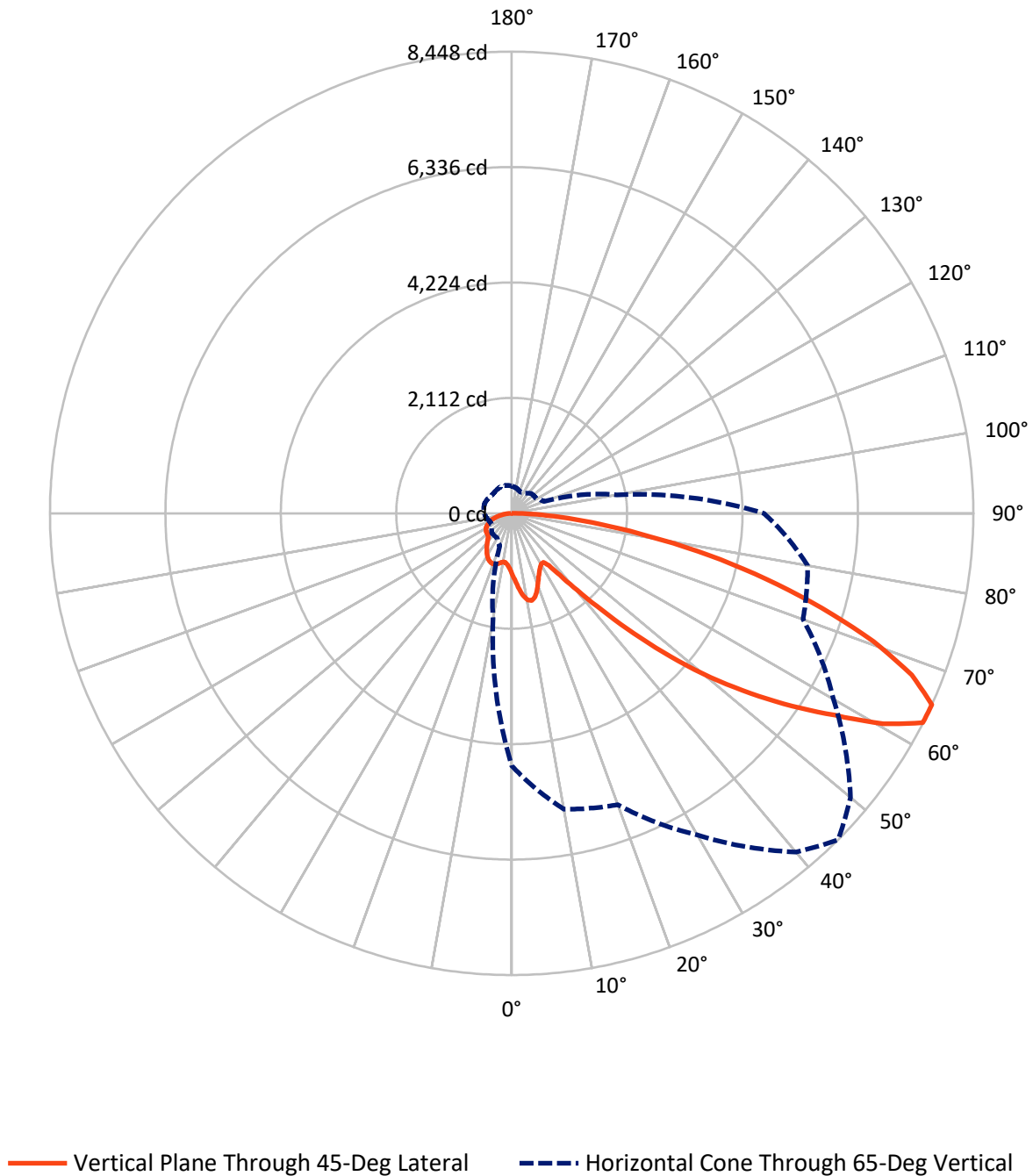


Based on 25 foot mounting height. Maximum calculated value = 2.5 fc

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	2057.2	0.0	2057.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	6037.2	0.0	6037.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	8094.4	0.0	8094.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.4	1.4
10°-20°	346.6	4.3
20°-30°	535.4	6.6
30°-40°	678.5	8.4
40°-50°	1023.3	12.6
50°-60°	1653.3	20.4
60°-70°	2061.1	25.5
70°-80°	1351.6	16.7
80°-90°	334.1	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°	8094.4	100.0
0°-180°	8094.4	100.0

Coefficient of Utilization



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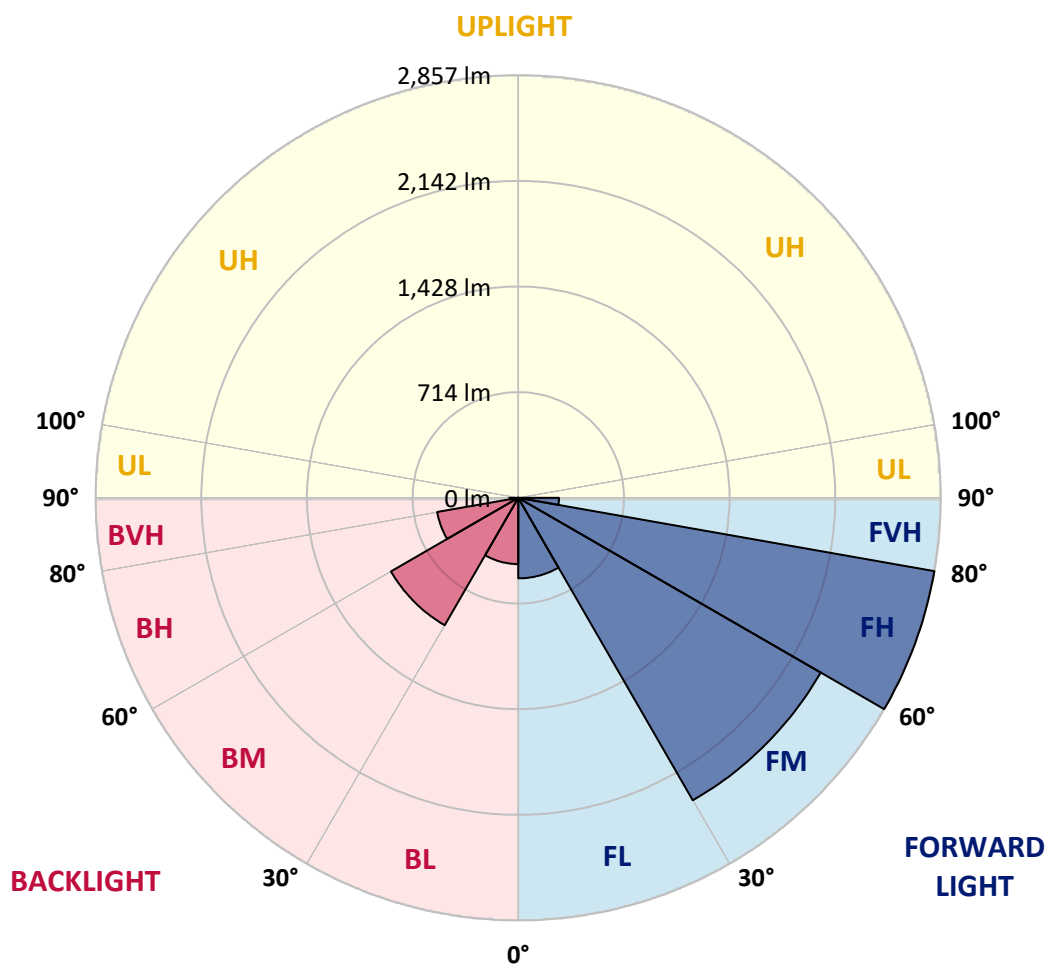
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	544.4	6.7			
FM	(30°-60°)	2361.0	29.2			
FH	(60°-80°)	2856.6	35.3			G2/5000
FVH	(80°-90°)	275.3	3.4			G3/500
BL	(0°-30°)	448.0	5.5	B1/500		
BM	(30°-60°)	994.2	12.3	B1/1000		
BH	(60°-80°)	556.2	6.9	B2/1000		G2/1000
BVH	(80°-90°)	58.9	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°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1197.0	1201.5	1206.1	1212.6	1218.9	1222.8	1226.6	1228.6	1230.5	1229.7	1230.5
5°	1287.1	1303.0	1318.9	1334.6	1350.3	1358.8	1367.4	1372.6	1377.8	1381.7	1377.8
7.5°	1377.6	1403.4	1429.2	1452.4	1475.6	1489.5	1503.5	1511.1	1518.6	1522.2	1518.6
10°	1447.1	1477.5	1508.1	1535.2	1562.5	1578.9	1595.3	1602.7	1610.0	1612.7	1610.0
12.5°	1489.5	1522.6	1555.6	1580.2	1604.7	1616.7	1628.6	1632.7	1636.7	1637.1	1636.7
15°	1515.4	1544.0	1572.5	1587.8	1603.3	1603.7	1604.1	1599.9	1595.6	1590.6	1595.6
17.5°	1529.9	1549.2	1568.5	1568.8	1569.0	1551.7	1534.4	1518.5	1502.6	1491.5	1502.6
20°	1545.9	1552.7	1559.4	1539.1	1518.8	1480.6	1442.5	1414.6	1386.8	1369.7	1386.8
22.5°	1564.6	1555.7	1546.9	1504.9	1462.9	1406.7	1350.5	1315.8	1280.9	1262.1	1280.9
25°	1588.4	1560.7	1532.9	1469.1	1405.3	1337.1	1268.8	1232.3	1195.9	1177.9	1195.9
27.5°	1620.9	1571.2	1521.6	1437.0	1352.6	1276.9	1201.4	1165.4	1129.4	1112.6	1129.4
30°	1664.7	1590.7	1516.7	1412.7	1308.6	1229.8	1151.1	1117.7	1084.3	1068.7	1084.3
32.5°	1716.4	1615.0	1513.7	1395.9	1278.3	1204.3	1130.3	1104.0	1077.8	1066.5	1077.8
35°	1779.1	1655.1	1531.1	1408.5	1285.9	1234.4	1183.1	1176.9	1170.8	1169.8	1170.8
37.5°	1884.9	1738.9	1593.1	1481.5	1370.1	1366.7	1363.5	1391.3	1419.3	1433.8	1419.3
40°	2044.6	1885.9	1727.2	1644.3	1561.5	1619.9	1678.4	1746.4	1814.2	1848.1	1814.2
42.5°	2256.4	2099.0	1941.6	1893.8	1846.0	1973.6	2101.4	2224.9	2348.4	2420.8	2348.4
45°	2518.0	2376.7	2235.1	2214.1	2193.0	2397.5	2602.0	2804.9	3008.0	3131.2	3008.0
47.5°	2845.2	2707.6	2570.0	2565.8	2561.5	2856.5	3151.4	3448.4	3745.6	3920.0	3745.6
50°	3274.1	3104.1	2934.2	2934.9	2935.6	3315.8	3695.8	4088.1	4480.3	4717.5	4480.3
52.5°	3766.3	3560.4	3354.7	3333.9	3313.1	3767.2	4221.3	4706.5	5191.7	5476.0	5191.7
55°	4290.3	4087.0	3883.7	3802.6	3721.5	4226.9	4732.2	5310.7	5889.2	6227.3	5889.2
57.5°	4767.0	4656.3	4545.6	4382.9	4220.2	4730.5	5240.7	5896.0	6551.3	6970.5	6551.3
60°	5055.1	5227.0	5399.1	5197.1	4995.0	5477.9	5960.8	6662.3	7363.9	7817.0	7363.9
62.5°	4908.8	5378.7	5848.5	5825.8	5802.9	6245.3	6687.7	7355.2	8022.7	8441.4	8022.7
65°	4616.0	5057.0	5498.0	5585.2	5672.5	6234.7	6796.9	7444.1	8091.2	8447.8	8091.2
67.5°	4223.7	4643.1	5062.6	5103.5	5144.4	5730.1	6315.7	6965.8	7615.9	7895.2	7615.9
70°	3752.4	4208.5	4664.9	4683.1	4701.5	5225.2	5749.0	6308.4	6867.7	7023.0	6867.7
72.5°	3190.7	3714.3	4237.8	4251.0	4264.1	4673.9	5083.7	5502.6	5921.5	5937.3	5921.5
75°	2480.2	3022.1	3563.9	3612.5	3661.2	3980.1	4298.8	4593.8	4888.7	4809.7	4888.7
77.5°	1772.1	2277.9	2783.7	2853.3	2922.9	3165.3	3407.7	3616.9	3826.0	3690.2	3826.0
80°	1159.8	1585.4	2010.8	2097.4	2183.9	2366.9	2549.9	2659.8	2769.7	2551.1	2769.7
82.5°	674.2	965.1	1256.0	1352.7	1449.5	1575.4	1701.4	1747.2	1793.0	1621.3	1793.0
85°	296.6	451.0	605.5	687.7	769.9	873.4	976.9	1002.9	1028.9	891.3	1028.9
87.5°	91.8	143.7	195.6	241.5	287.4	339.2	390.9	393.1	395.3	331.9	395.3
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°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1228.6	1226.6	1222.8	1218.9	1212.6	1206.1	1201.5	1197.0	1187.8	1178.6	1168.8
5°	1372.6	1367.4	1358.8	1350.3	1334.6	1318.9	1303.0	1287.1	1266.8	1246.5	1226.3
7.5°	1511.1	1503.5	1489.5	1475.6	1452.4	1429.2	1403.4	1377.6	1344.2	1310.8	1279.8
10°	1602.7	1595.3	1578.9	1562.5	1535.2	1508.1	1477.5	1447.1	1404.8	1362.4	1321.5
12.5°	1632.7	1628.6	1616.7	1604.7	1580.2	1555.6	1522.6	1489.5	1443.0	1396.6	1350.2
15°	1599.9	1604.1	1603.7	1603.3	1587.8	1572.5	1544.0	1515.4	1466.9	1418.4	1368.2
17.5°	1518.5	1534.4	1551.7	1569.0	1568.8	1568.5	1549.2	1529.9	1480.7	1431.6	1376.8
20°	1414.6	1442.5	1480.6	1518.8	1539.1	1559.4	1552.7	1545.9	1494.9	1443.7	1383.5
22.5°	1315.8	1350.5	1406.7	1462.9	1504.9	1546.9	1555.7	1564.6	1512.3	1460.1	1392.6
25°	1232.3	1268.8	1337.1	1405.3	1469.1	1532.9	1560.7	1588.4	1537.3	1486.1	1409.0
27.5°	1165.4	1201.4	1276.9	1352.6	1437.0	1521.6	1571.2	1620.9	1572.1	1523.3	1434.6
30°	1117.7	1151.1	1229.8	1308.6	1412.7	1516.7	1590.7	1664.7	1617.6	1570.4	1467.8
32.5°	1104.0	1130.3	1204.3	1278.3	1395.9	1513.7	1615.0	1716.4	1669.6	1623.0	1502.4
35°	1176.9	1183.1	1234.4	1285.9	1408.5	1531.1	1655.1	1779.1	1734.5	1689.7	1541.9
37.5°	1391.3	1363.5	1366.7	1370.1	1481.5	1593.1	1738.9	1884.9	1827.9	1770.9	1586.1
40°	1746.4	1678.4	1619.9	1561.5	1644.3	1727.2	1885.9	2044.6	1961.5	1878.5	1642.2
42.5°	2224.9	2101.4	1973.6	1846.0	1893.8	1941.6	2099.0	2256.4	2136.6	2016.7	1715.6
45°	2804.9	2602.0	2397.5	2193.0	2214.1	2235.1	2376.7	2518.0	2356.4	2194.7	1812.2
47.5°	3448.4	3151.4	2856.5	2561.5	2565.8	2570.0	2707.6	2845.2	2617.6	2390.1	1915.2
50°	4088.1	3695.8	3315.8	2935.6	2934.9	2934.2	3104.1	3274.1	2931.0	2587.9	2010.6
52.5°	4706.5	4221.3	3767.2	3313.1	3333.9	3354.7	3560.4	3766.3	3260.1	2754.0	2072.7
55°	5310.7	4732.2	4226.9	3721.5	3802.6	3883.7	4087.0	4290.3	3551.9	2813.6	2059.0
57.5°	5896.0	5240.7	4730.5	4220.2	4382.9	4545.6	4656.3	4767.0	3758.8	2750.5	1962.9
60°	6662.3	5960.8	5477.9	4995.0	5197.1	5399.1	5227.0	5055.1	3810.4	2565.8	1783.8
62.5°	7355.2	6687.7	6245.3	5802.9	5825.8	5848.5	5378.7	4908.8	3592.8	2276.8	1541.8
65°	7444.1	6796.9	6234.7	5672.5	5585.2	5498.0	5057.0	4616.0	3284.9	1953.9	1294.9
67.5°	6965.8	6315.7	5730.1	5144.4	5103.5	5062.6	4643.1	4223.7	2918.5	1613.2	1052.9
70°	6308.4	5749.0	5225.2	4701.5	4683.1	4664.9	4208.5	3752.4	2518.6	1284.9	829.0
72.5°	5502.6	5083.7	4673.9	4264.1	4251.0	4237.8	3714.3	3190.7	2085.3	979.8	633.8
75°	4593.8	4298.8	3980.1	3661.2	3612.5	3563.9	3022.1	2480.2	1588.3	696.5	460.0
77.5°	3616.9	3407.7	3165.3	2922.9	2853.3	2783.7	2277.9	1772.1	1111.7	451.4	311.7
80°	2659.8	2549.9	2366.9	2183.9	2097.4	2010.8	1585.4	1159.8	716.3	272.8	200.8
82.5°	1747.2	1701.4	1575.4	1449.5	1352.7	1256.0	965.1	674.2	414.5	155.0	123.5
85°	1002.9	976.9	873.4	769.9	687.7	605.5	451.0	296.6	186.4	76.4	66.0
87.5°	393.1	390.9	339.2	287.4	241.5	195.6	143.7	91.8	61.1	30.3	27.4
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1159.1	1149.2	1139.5	1130.1	1120.6	1111.5	1101.5	1093.3	1085.1	1077.7	1070.3
5°	1206.1	1185.7	1165.4	1146.4	1127.4	1109.5	1091.7	1076.2	1060.8	1047.8	1034.8
7.5°	1248.9	1218.7	1188.7	1162.1	1135.6	1111.1	1088.2	1067.6	1047.0	1030.0	1012.9
10°	1280.7	1244.1	1207.6	1176.2	1144.7	1114.6	1089.9	1068.3	1046.5	1029.4	1012.3
12.5°	1304.0	1260.9	1217.7	1182.2	1146.7	1115.0	1092.0	1074.3	1056.6	1045.2	1033.9
15°	1317.9	1268.3	1218.6	1177.5	1136.4	1101.3	1082.9	1074.4	1066.0	1067.5	1069.1
17.5°	1322.0	1264.3	1206.6	1157.2	1107.8	1066.5	1055.1	1058.3	1061.4	1080.0	1098.6
20°	1323.3	1253.4	1183.6	1122.3	1061.1	1012.9	1009.9	1024.4	1038.9	1071.3	1103.6
22.5°	1325.0	1239.9	1155.0	1081.3	1007.5	952.6	958.5	980.0	1001.5	1038.4	1075.4
25°	1331.8	1226.7	1121.8	1035.5	949.0	892.9	908.7	933.5	958.3	991.4	1024.6
27.5°	1345.8	1217.9	1090.0	993.5	897.0	845.9	865.1	889.0	913.0	940.2	967.5
30°	1365.1	1213.8	1062.3	958.5	854.6	811.7	826.8	845.7	864.8	887.4	910.1
32.5°	1381.8	1208.7	1035.5	928.2	821.1	786.5	793.2	804.4	815.7	833.7	851.9
35°	1394.0	1198.9	1004.1	898.6	793.1	764.3	761.6	764.6	767.7	781.6	795.3
37.5°	1401.3	1182.4	963.6	863.7	763.6	738.5	728.3	724.9	721.5	731.3	741.3
40°	1405.8	1159.7	913.6	821.9	730.3	707.6	691.9	684.2	676.5	683.6	690.7
42.5°	1414.5	1136.2	858.0	776.0	693.9	672.9	653.2	643.0	632.7	638.6	644.4
45°	1429.8	1114.4	799.1	727.1	655.2	633.9	614.8	604.9	594.9	599.7	604.8
47.5°	1440.2	1096.3	752.5	688.5	624.4	596.9	580.6	572.2	563.8	568.4	573.0
50°	1433.4	1076.7	720.1	662.8	605.6	569.4	550.3	542.9	535.6	542.7	549.9
52.5°	1391.3	1043.6	695.8	645.9	596.0	554.4	527.9	520.5	513.2	524.0	534.7
55°	1304.4	988.5	672.6	633.7	594.6	555.9	515.9	504.2	492.7	508.0	523.3
57.5°	1175.2	910.9	646.7	619.1	591.5	557.4	508.7	491.8	474.9	491.4	507.8
60°	1001.9	810.3	618.6	596.9	575.2	552.7	501.9	480.0	458.1	472.5	487.0
62.5°	806.8	689.7	572.7	558.3	544.0	541.2	494.0	466.7	439.3	448.4	457.7
65°	635.9	581.3	526.6	519.9	513.0	513.4	477.5	448.3	419.2	422.7	426.3
67.5°	492.5	477.0	461.5	465.2	469.0	468.1	447.9	423.7	399.4	398.3	397.2
70°	373.1	377.5	381.9	399.5	417.1	417.1	410.4	393.2	376.0	372.1	368.3
72.5°	287.8	301.1	314.6	339.5	364.4	368.6	368.7	356.8	345.0	339.4	333.7
75°	223.4	235.5	247.7	275.6	303.6	322.9	321.2	312.2	303.0	297.7	292.2
77.5°	172.0	180.3	188.6	215.7	242.8	274.6	273.8	266.5	259.2	253.7	248.3
80°	128.9	132.4	135.8	158.8	181.7	219.8	219.7	213.5	207.4	202.7	198.1
82.5°	92.1	92.8	93.5	110.4	127.3	159.7	161.5	158.6	155.6	152.3	149.0
85°	55.8	55.5	55.1	67.4	79.8	104.0	106.4	103.1	99.9	96.4	92.7
87.5°	24.4	24.1	23.9	28.9	33.9	44.0	46.9	45.7	44.4	43.8	43.0
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: P960409

CATALOG NUMBER: NAV-SB1C-750-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1063.8	1057.5	1050.9	1044.5	1039.6	1034.4	1030.4	1026.3	1023.2	1020.0	1017.1
5°	1023.4	1011.9	1001.5	991.1	983.1	975.1	969.5	963.9	959.9	955.9	952.9
7.5°	998.5	984.1	971.3	958.7	949.1	939.6	933.0	926.3	921.8	917.3	914.5
10°	996.8	981.3	967.0	952.6	941.4	929.9	922.5	914.9	910.6	906.3	904.0
12.5°	1021.7	1009.6	994.8	980.0	965.4	951.0	941.4	931.7	926.9	922.1	920.1
15°	1065.9	1062.7	1049.9	1037.0	1016.4	995.7	981.0	966.5	959.8	953.1	950.6
17.5°	1108.5	1118.4	1108.0	1097.7	1070.3	1042.9	1021.4	999.9	989.9	980.0	976.7
20°	1124.3	1145.1	1140.3	1135.5	1104.1	1072.9	1046.5	1020.2	1007.5	994.8	990.7
22.5°	1102.3	1129.2	1132.2	1135.1	1105.2	1075.2	1048.1	1020.9	1007.5	994.1	989.6
25°	1051.1	1077.7	1087.6	1097.5	1073.0	1048.5	1024.3	1000.2	988.6	977.0	972.8
27.5°	988.7	1010.0	1021.0	1032.1	1014.6	997.2	978.5	959.7	951.9	944.1	942.2
30°	927.7	945.5	954.4	963.4	950.1	936.7	923.3	909.8	905.9	901.9	901.9
32.5°	868.8	885.7	895.6	905.7	893.5	881.2	870.5	859.8	857.2	854.5	855.0
35°	812.0	828.8	840.8	852.7	844.0	835.4	825.4	815.6	811.6	807.7	806.8
37.5°	758.0	774.7	789.5	804.2	800.2	796.2	787.1	778.0	770.8	763.6	759.8
40°	706.8	723.0	740.0	757.1	758.0	759.0	751.2	743.5	733.0	722.6	715.4
42.5°	659.7	675.1	693.4	711.8	716.7	721.6	715.0	708.6	695.6	682.5	672.2
45°	619.2	633.8	652.8	671.9	678.9	685.9	680.1	674.2	659.3	644.4	632.3
47.5°	587.2	601.4	620.1	639.0	647.1	655.2	651.1	647.0	633.8	620.5	609.4
50°	563.3	576.7	593.5	610.4	620.7	631.2	630.9	630.8	620.1	609.6	599.2
52.5°	547.0	559.3	575.0	590.7	603.0	615.4	617.6	619.8	611.2	602.6	593.3
55°	536.6	549.8	563.5	577.3	590.3	603.4	606.5	609.6	602.1	594.5	586.4
57.5°	523.4	538.9	552.5	566.1	579.3	592.4	595.6	598.7	591.1	583.5	575.5
60°	504.8	522.8	536.5	550.3	563.5	576.8	580.3	583.6	576.3	568.9	560.6
62.5°	478.5	499.3	514.0	528.8	540.9	553.0	556.3	559.6	552.9	546.2	537.5
65°	448.5	470.9	485.0	499.1	509.7	520.4	523.8	527.2	520.7	514.2	505.7
67.5°	417.8	438.4	451.8	465.1	474.4	483.6	486.9	490.2	484.2	478.3	470.4
70°	386.3	404.5	416.0	427.5	435.8	444.2	447.3	450.5	445.7	440.9	433.4
72.5°	348.1	362.2	372.7	383.1	391.2	399.4	403.2	406.9	402.9	398.9	391.8
75°	302.8	313.4	322.9	332.3	339.7	347.2	351.1	355.1	353.0	351.1	345.0
77.5°	256.9	265.5	273.6	281.7	289.5	297.2	300.9	304.6	301.9	299.1	293.0
80°	205.3	212.5	219.4	226.1	232.1	238.0	242.8	247.7	246.5	245.4	237.2
82.5°	148.4	147.9	145.4	143.1	155.7	168.4	176.6	184.9	184.4	183.9	177.0
85°	89.6	86.5	79.8	73.3	85.1	97.0	107.2	117.5	116.6	115.7	110.4
87.5°	42.9	42.8	37.7	32.7	37.6	42.6	46.7	50.9	49.9	48.8	46.0
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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CATALOG NUMBER: NAV-SB1C-750-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1014.1	1010.5	1014.1	1017.1	1020.0	1023.2	1026.3	1030.4	1034.4	1039.6	1044.5
5°	949.9	946.9	949.9	952.9	955.9	959.9	963.9	969.5	975.1	983.1	991.1
7.5°	911.8	909.8	911.8	914.5	917.3	921.8	926.3	933.0	939.6	949.1	958.7
10°	901.7	900.8	901.7	904.0	906.3	910.6	914.9	922.5	929.9	941.4	952.6
12.5°	918.2	917.9	918.2	920.1	922.1	926.9	931.7	941.4	951.0	965.4	980.0
15°	948.0	947.7	948.0	950.6	953.1	959.8	966.5	981.0	995.7	1016.4	1037.0
17.5°	973.4	972.9	973.4	976.7	980.0	989.9	999.9	1021.4	1042.9	1070.3	1097.7
20°	986.7	985.3	986.7	990.7	994.8	1007.5	1020.2	1046.5	1072.9	1104.1	1135.5
22.5°	985.1	983.2	985.1	989.6	994.1	1007.5	1020.9	1048.1	1075.2	1105.2	1135.1
25°	968.6	966.2	968.6	972.8	977.0	988.6	1000.2	1024.3	1048.5	1073.0	1097.5
27.5°	940.3	939.6	940.3	942.2	944.1	951.9	959.7	978.5	997.2	1014.6	1032.1
30°	901.9	902.5	901.9	901.9	901.9	905.9	909.8	923.3	936.7	950.1	963.4
32.5°	855.3	856.0	855.3	855.0	854.5	857.2	859.8	870.5	881.2	893.5	905.7
35°	806.0	805.5	806.0	806.8	807.7	811.6	815.6	825.4	835.4	844.0	852.7
37.5°	755.9	753.9	755.9	759.8	763.6	770.8	778.0	787.1	796.2	800.2	804.2
40°	708.5	704.3	708.5	715.4	722.6	733.0	743.5	751.2	759.0	758.0	757.1
42.5°	661.9	655.2	661.9	672.2	682.5	695.6	708.6	715.0	721.6	716.7	711.8
45°	620.2	612.4	620.2	632.3	644.4	659.3	674.2	680.1	685.9	678.9	671.9
47.5°	598.2	590.7	598.2	609.4	620.5	633.8	647.0	651.1	655.2	647.1	639.0
50°	588.9	581.7	588.9	599.2	609.6	620.1	630.8	630.9	631.2	620.7	610.4
52.5°	584.0	577.5	584.0	593.3	602.6	611.2	619.8	617.6	615.4	603.0	590.7
55°	578.3	572.4	578.3	586.4	594.5	602.1	609.6	606.5	603.4	590.3	577.3
57.5°	567.4	561.2	567.4	575.5	583.5	591.1	598.7	595.6	592.4	579.3	566.1
60°	552.3	545.8	552.3	560.6	568.9	576.3	583.6	580.3	576.8	563.5	550.3
62.5°	528.8	521.1	528.8	537.5	546.2	552.9	559.6	556.3	553.0	540.9	528.8
65°	497.3	490.8	497.3	505.7	514.2	520.7	527.2	523.8	520.4	509.7	499.1
67.5°	462.6	456.5	462.6	470.4	478.3	484.2	490.2	486.9	483.6	474.4	465.1
70°	425.8	419.0	425.8	433.4	440.9	445.7	450.5	447.3	444.2	435.8	427.5
72.5°	384.6	378.0	384.6	391.8	398.9	402.9	406.9	403.2	399.4	391.2	383.1
75°	339.1	332.7	339.1	345.0	351.1	353.0	355.1	351.1	347.2	339.7	332.3
77.5°	286.9	281.9	286.9	293.0	299.1	301.9	304.6	300.9	297.2	289.5	281.7
80°	229.0	219.6	229.0	237.2	245.4	246.5	247.7	242.8	238.0	232.1	226.1
82.5°	170.0	164.0	170.0	177.0	183.9	184.4	184.9	176.6	168.4	155.7	143.1
85°	105.0	99.5	105.0	110.4	115.7	116.6	117.5	107.2	97.0	85.1	73.3
87.5°	43.3	40.6	43.3	46.0	48.8	49.9	50.9	46.7	42.6	37.6	32.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NAV-SB1C-750-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1050.9	1057.5	1063.8	1070.3	1077.7	1085.1	1093.3	1101.5	1111.5	1120.6	1130.1
5°	1001.5	1011.9	1023.4	1034.8	1047.8	1060.8	1076.2	1091.7	1109.5	1127.4	1146.4
7.5°	971.3	984.1	998.5	1012.9	1030.0	1047.0	1067.6	1088.2	1111.1	1135.6	1162.1
10°	967.0	981.3	996.8	1012.3	1029.4	1046.5	1068.3	1089.9	1114.6	1144.7	1176.2
12.5°	994.8	1009.6	1021.7	1033.9	1045.2	1056.6	1074.3	1092.0	1115.0	1146.7	1182.2
15°	1049.9	1062.7	1065.9	1069.1	1067.5	1066.0	1074.4	1082.9	1101.3	1136.4	1177.5
17.5°	1108.0	1118.4	1108.5	1098.6	1080.0	1061.4	1058.3	1055.1	1066.5	1107.8	1157.2
20°	1140.3	1145.1	1124.3	1103.6	1071.3	1038.9	1024.4	1009.9	1012.9	1061.1	1122.3
22.5°	1132.2	1129.2	1102.3	1075.4	1038.4	1001.5	980.0	958.5	952.6	1007.5	1081.3
25°	1087.6	1077.7	1051.1	1024.6	991.4	958.3	933.5	908.7	892.9	949.0	1035.5
27.5°	1021.0	1010.0	988.7	967.5	940.2	913.0	889.0	865.1	845.9	897.0	993.5
30°	954.4	945.5	927.7	910.1	887.4	864.8	845.7	826.8	811.7	854.6	958.5
32.5°	895.6	885.7	868.8	851.9	833.7	815.7	804.4	793.2	786.5	821.1	928.2
35°	840.8	828.8	812.0	795.3	781.6	767.7	764.6	761.6	764.3	793.1	898.6
37.5°	789.5	774.7	758.0	741.3	731.3	721.5	724.9	728.3	738.5	763.6	863.7
40°	740.0	723.0	706.8	690.7	683.6	676.5	684.2	691.9	707.6	730.3	821.9
42.5°	693.4	675.1	659.7	644.4	638.6	632.7	643.0	653.2	672.9	693.9	776.0
45°	652.8	633.8	619.2	604.8	599.7	594.9	604.9	614.8	633.9	655.2	727.1
47.5°	620.1	601.4	587.2	573.0	568.4	563.8	572.2	580.6	596.9	624.4	688.5
50°	593.5	576.7	563.3	549.9	542.7	535.6	542.9	550.3	569.4	605.6	662.8
52.5°	575.0	559.3	547.0	534.7	524.0	513.2	520.5	527.9	554.4	596.0	645.9
55°	563.5	549.8	536.6	523.3	508.0	492.7	504.2	515.9	555.9	594.6	633.7
57.5°	552.5	538.9	523.4	507.8	491.4	474.9	491.8	508.7	557.4	591.5	619.1
60°	536.5	522.8	504.8	487.0	472.5	458.1	480.0	501.9	552.7	575.2	596.9
62.5°	514.0	499.3	478.5	457.7	448.4	439.3	466.7	494.0	541.2	544.0	558.3
65°	485.0	470.9	448.5	426.3	422.7	419.2	448.3	477.5	513.4	513.0	519.9
67.5°	451.8	438.4	417.8	397.2	398.3	399.4	423.7	447.9	468.1	469.0	465.2
70°	416.0	404.5	386.3	368.3	372.1	376.0	393.2	410.4	417.1	417.1	399.5
72.5°	372.7	362.2	348.1	333.7	339.4	345.0	356.8	368.7	368.6	364.4	339.5
75°	322.9	313.4	302.8	292.2	297.7	303.0	312.2	321.2	322.9	303.6	275.6
77.5°	273.6	265.5	256.9	248.3	253.7	259.2	266.5	273.8	274.6	242.8	215.7
80°	219.4	212.5	205.3	198.1	202.7	207.4	213.5	219.7	219.8	181.7	158.8
82.5°	145.4	147.9	148.4	149.0	152.3	155.6	158.6	161.5	159.7	127.3	110.4
85°	79.8	86.5	89.6	92.7	96.4	99.9	103.1	106.4	104.0	79.8	67.4
87.5°	37.7	42.8	42.9	43.0	43.8	44.4	45.7	46.9	44.0	33.9	28.9
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: P960409

CATALOG NUMBER: NAV-SB1C-750-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0	1113.0
2.5°	1139.5	1149.2	1159.1	1168.8	1178.6	1187.8	1197.0
5°	1165.4	1185.7	1206.1	1226.3	1246.5	1266.8	1287.1
7.5°	1188.7	1218.7	1248.9	1279.8	1310.8	1344.2	1377.6
10°	1207.6	1244.1	1280.7	1321.5	1362.4	1404.8	1447.1
12.5°	1217.7	1260.9	1304.0	1350.2	1396.6	1443.0	1489.5
15°	1218.6	1268.3	1317.9	1368.2	1418.4	1466.9	1515.4
17.5°	1206.6	1264.3	1322.0	1376.8	1431.6	1480.7	1529.9
20°	1183.6	1253.4	1323.3	1383.5	1443.7	1494.9	1545.9
22.5°	1155.0	1239.9	1325.0	1392.6	1460.1	1512.3	1564.6
25°	1121.8	1226.7	1331.8	1409.0	1486.1	1537.3	1588.4
27.5°	1090.0	1217.9	1345.8	1434.6	1523.3	1572.1	1620.9
30°	1062.3	1213.8	1365.1	1467.8	1570.4	1617.6	1664.7
32.5°	1035.5	1208.7	1381.8	1502.4	1623.0	1669.6	1716.4
35°	1004.1	1198.9	1394.0	1541.9	1689.7	1734.5	1779.1
37.5°	963.6	1182.4	1401.3	1586.1	1770.9	1827.9	1884.9
40°	913.6	1159.7	1405.8	1642.2	1878.5	1961.5	2044.6
42.5°	858.0	1136.2	1414.5	1715.6	2016.7	2136.6	2256.4
45°	799.1	1114.4	1429.8	1812.2	2194.7	2356.4	2518.0
47.5°	752.5	1096.3	1440.2	1915.2	2390.1	2617.6	2845.2
50°	720.1	1076.7	1433.4	2010.6	2587.9	2931.0	3274.1
52.5°	695.8	1043.6	1391.3	2072.7	2754.0	3260.1	3766.3
55°	672.6	988.5	1304.4	2059.0	2813.6	3551.9	4290.3
57.5°	646.7	910.9	1175.2	1962.9	2750.5	3758.8	4767.0
60°	618.6	810.3	1001.9	1783.8	2565.8	3810.4	5055.1
62.5°	572.7	689.7	806.8	1541.8	2276.8	3592.8	4908.8
65°	526.6	581.3	635.9	1294.9	1953.9	3284.9	4616.0
67.5°	461.5	477.0	492.5	1052.9	1613.2	2918.5	4223.7
70°	381.9	377.5	373.1	829.0	1284.9	2518.6	3752.4
72.5°	314.6	301.1	287.8	633.8	979.8	2085.3	3190.7
75°	247.7	235.5	223.4	460.0	696.5	1588.3	2480.2
77.5°	188.6	180.3	172.0	311.7	451.4	1111.7	1772.1
80°	135.8	132.4	128.9	200.8	272.8	716.3	1159.8
82.5°	93.5	92.8	92.1	123.5	155.0	414.5	674.2
85°	55.1	55.5	55.8	66.0	76.4	186.4	296.6
87.5°	23.9	24.1	24.4	27.4	30.3	61.1	91.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)