

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723816

Luminaire Tested: **IFLD-S-SA3E-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723816
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10496.8 lumens	Max Intensity:	246952.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	45.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	3806.6 lumens	Field Lumens:	6068.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

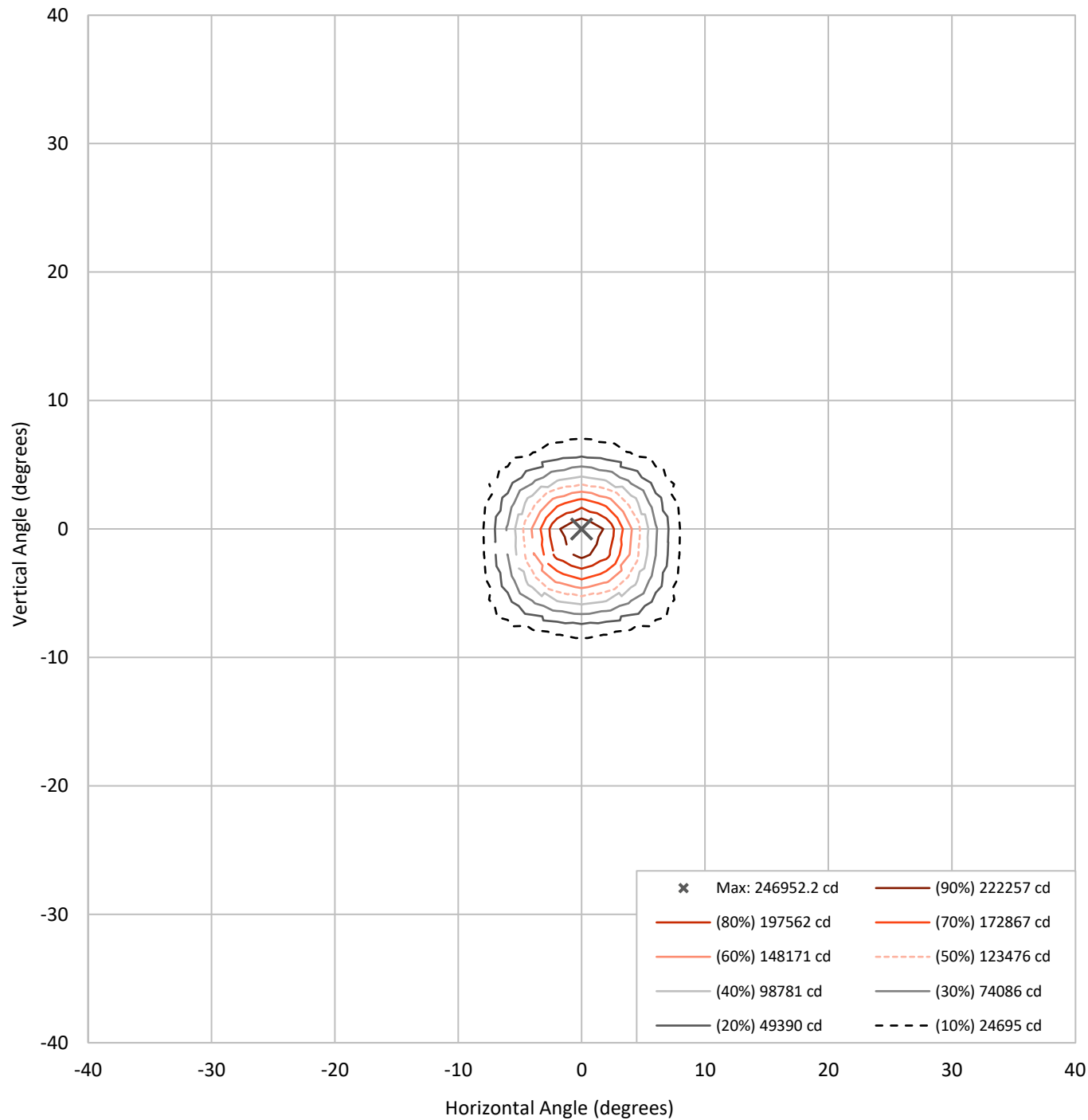
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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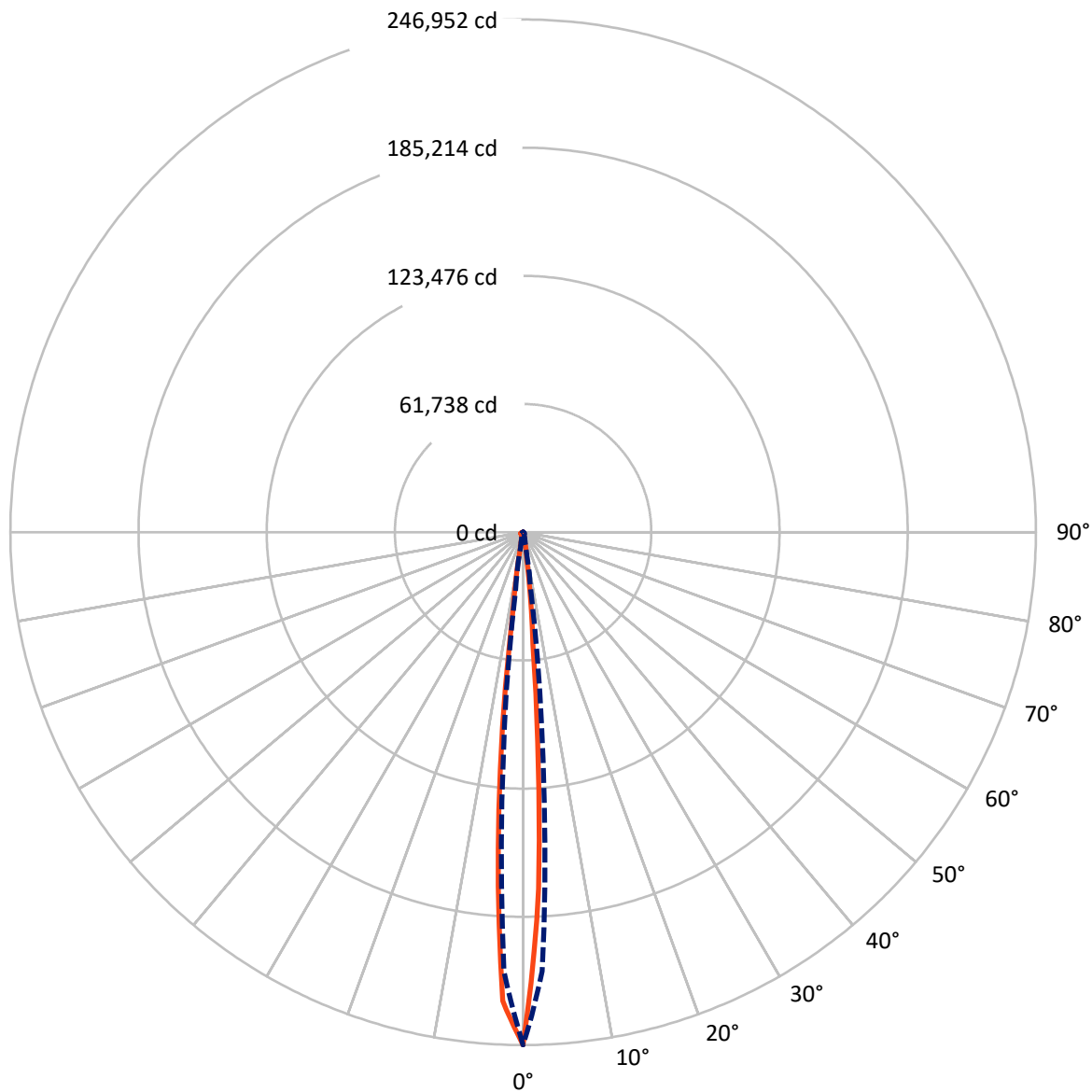
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



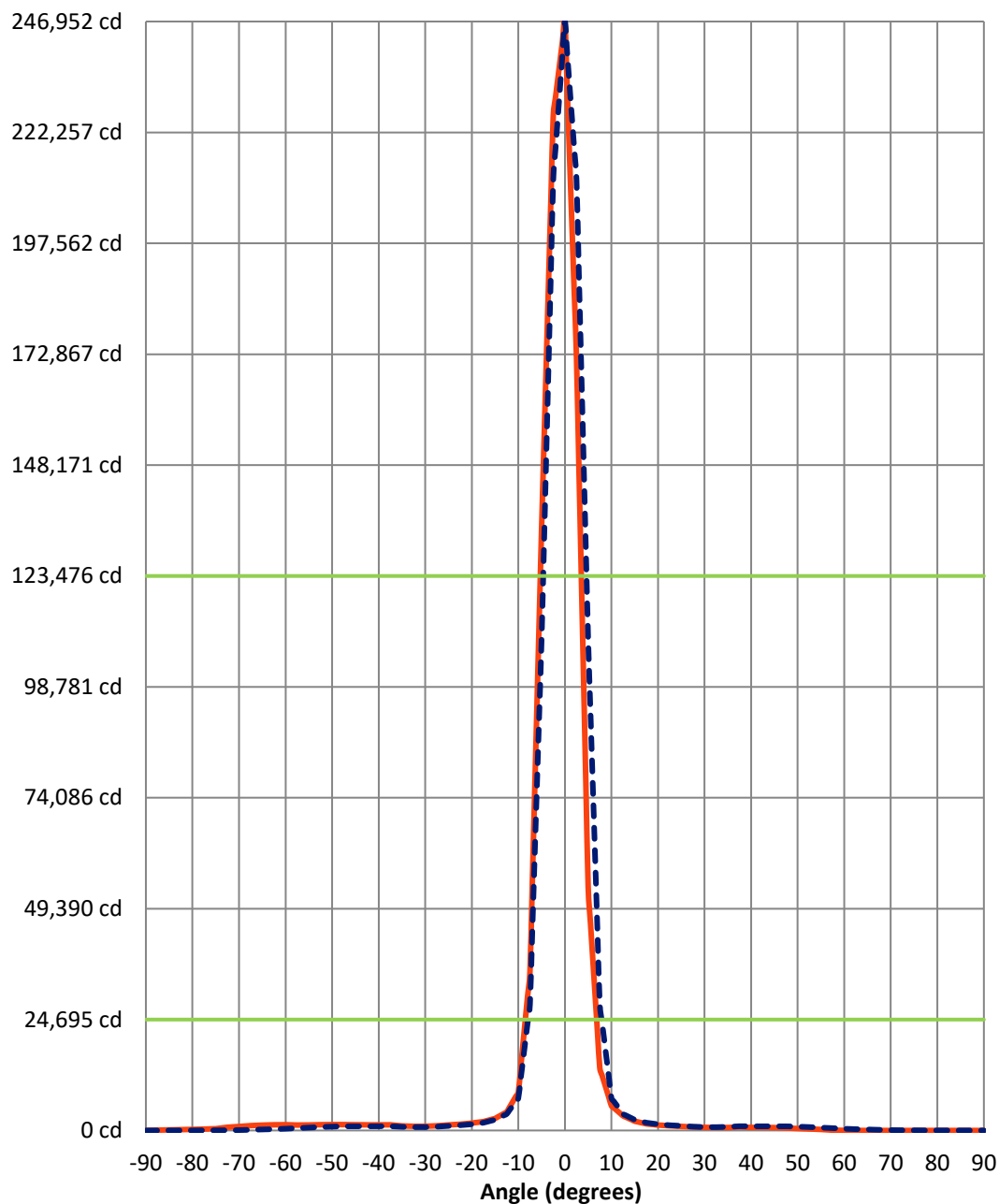
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3806.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6068.4

Efficiency: 57.8%

Spill:

Lumens: 4428.4

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	0.0	2.4	2.4	4.8	4.8	4.8	7.3	9.7	12.1	12.1	14.5
82.5°	0.0	2.4	2.4	4.8	4.8	7.3	7.3	12.1	14.5	17.0	21.8
80°	2.4	2.4	2.4	4.8	4.8	7.3	7.3	9.7	12.1	17.0	19.4
77.5°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	7.3	9.7	12.1	14.5
75°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.3	7.3	9.7
72.5°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
70°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
67.5°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
65°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	7.3	7.3	7.3	7.3
62.5°	2.4	2.4	2.4	4.8	7.3	7.3	9.7	12.1	12.1	12.1	12.1
60°	24.2	26.7	29.1	29.1	26.7	26.7	29.1	29.1	29.1	29.1	29.1
57.5°	65.4	70.3	72.7	72.7	72.7	70.3	80.0	82.4	72.7	67.8	75.1
55°	227.8	235.0	230.2	222.9	208.4	191.4	186.6	184.2	186.6	174.5	155.1
52.5°	332.0	339.2	336.8	332.0	322.3	310.2	300.5	290.8	281.1	261.7	239.9
50°	431.3	433.7	431.3	426.5	416.8	404.7	385.3	363.5	344.1	339.2	319.9
47.5°	542.8	550.1	550.1	547.6	540.4	518.6	489.5	458.0	443.4	438.6	419.2
45°	642.1	647.0	649.4	651.8	649.4	627.6	600.9	584.0	552.5	542.8	542.8
42.5°	668.8	671.2	673.6	676.1	683.3	666.4	644.6	615.5	608.2	605.8	600.9
40°	678.5	673.6	676.1	678.5	680.9	668.8	651.8	634.9	630.0	625.2	625.2
37.5°	770.6	748.8	731.8	717.3	705.1	693.0	676.1	661.5	649.4	639.7	649.4
35°	656.7	656.7	673.6	688.2	702.7	717.3	719.7	702.7	676.1	663.9	680.9
32.5°	671.2	671.2	671.2	676.1	680.9	693.0	705.1	712.4	731.8	710.0	710.0
30°	685.7	688.2	693.0	695.4	688.2	683.3	678.5	678.5	690.6	722.1	739.1
27.5°	770.6	770.6	763.3	753.6	731.8	697.9	680.9	656.7	659.1	673.6	714.8
25°	908.7	903.8	886.9	862.6	823.9	775.4	729.4	678.5	656.7	649.4	666.4
22.5°	1039.5	1032.3	1010.5	988.6	957.1	908.7	831.1	753.6	685.7	656.7	649.4
20°	1206.7	1189.8	1165.5	1131.6	1080.7	1032.3	964.4	862.6	763.3	688.2	659.1
17.5°	1475.7	1453.9	1407.8	1347.3	1260.0	1184.9	1088.0	991.1	879.6	758.4	693.0
15°	2064.5	2008.8	1928.8	1761.6	1589.6	1446.6	1301.2	1138.9	1025.0	865.1	765.7
12.5°	3247.0	3094.4	2861.7	2471.6	2086.3	1754.4	1519.3	1310.9	1126.8	978.9	838.4
10°	5495.7	5168.6	4526.4	3460.2	2750.3	2139.6	1718.0	1439.3	1206.7	1054.1	899.0
7.5°	13899.1	11337.9	8023.0	5478.7	3598.4	2614.6	1965.2	1560.5	1291.5	1102.5	947.4
5°	54171.8	44624.6	23805.0	9934.9	5413.3	3162.2	2188.1	1657.4	1347.3	1138.9	983.8
2.5°	171924.4	148468.4	77894.4	21386.7	6646.7	3562.0	2340.8	1718.0	1378.8	1165.5	1010.5
0°	246952.2	211647.0	109320.1	28127.8	7208.9	3663.8	2389.2	1730.1	1383.6	1170.4	1010.5
-2.5°	225919.3	197723.6	105603.0	26174.8	7366.4	3692.9	2428.0	1771.3	1420.0	1192.2	1017.7
-5°	134239.7	117747.8	73666.0	18663.0	6544.9	3428.7	2326.2	1735.0	1395.7	1180.1	1012.9
-7.5°	35368.2	30618.8	20141.2	9738.6	4235.7	2900.5	2137.2	1674.4	1364.2	1158.3	993.5
-10°	8527.0	8081.2	7218.5	4424.7	3297.9	2423.1	1894.9	1565.4	1301.2	1129.2	962.0
-12.5°	4112.1	4015.1	3644.4	3004.7	2447.4	2013.6	1715.6	1451.5	1243.1	1078.3	918.4
-15°	2675.2	2619.4	2493.4	2248.7	1965.2	1756.8	1548.4	1335.2	1170.4	1003.2	882.0
-17.5°	1979.7	1977.3	1914.3	1822.2	1681.7	1526.6	1373.9	1238.2	1078.3	935.3	843.3
-20°	1640.5	1640.5	1604.1	1543.5	1444.2	1342.4	1240.6	1114.6	983.8	877.2	838.4

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1393.3	1395.7	1376.3	1337.6	1284.3	1199.5	1100.1	998.3	903.8	865.1	852.9
-25°	1233.4	1228.5	1206.7	1170.4	1114.6	1046.8	981.4	913.5	886.9	877.2	894.1
-27.5°	1044.4	1051.6	1042.0	1025.0	988.6	940.2	925.6	906.3	911.1	925.6	991.1
-30°	932.9	940.2	949.9	957.1	945.0	932.9	937.8	952.3	983.8	1039.5	1063.8
-32.5°	932.9	935.3	949.9	964.4	971.7	981.4	1008.0	1056.5	1102.5	1088.0	1083.1
-35°	1017.7	1010.5	1029.8	1049.2	1075.9	1109.8	1138.9	1129.2	1112.2	1107.4	1112.2
-37.5°	1260.0	1214.0	1194.6	1182.5	1175.2	1170.4	1163.1	1155.8	1148.6	1143.7	1151.0
-40°	1257.6	1245.5	1233.4	1223.7	1216.4	1206.7	1201.9	1199.5	1192.2	1187.3	1182.5
-42.5°	1252.8	1257.6	1257.6	1255.2	1257.6	1255.2	1247.9	1238.2	1226.1	1216.4	1206.7
-45°	1289.1	1291.5	1296.4	1301.2	1308.5	1298.8	1284.3	1267.3	1250.3	1235.8	1223.7
-47.5°	1310.9	1313.3	1318.2	1325.5	1330.3	1320.6	1301.2	1279.4	1252.8	1228.5	1204.3
-50°	1318.2	1325.5	1327.9	1327.9	1325.5	1313.3	1284.3	1252.8	1223.7	1199.5	1177.6
-52.5°	1284.3	1291.5	1294.0	1289.1	1286.7	1274.6	1247.9	1218.8	1187.3	1170.4	1151.0
-55°	1228.5	1238.2	1245.5	1245.5	1245.5	1243.1	1218.8	1192.2	1168.0	1148.6	1129.2
-57.5°	1206.7	1223.7	1238.2	1240.6	1243.1	1245.5	1228.5	1201.9	1172.8	1143.7	1119.5
-60°	1286.7	1301.2	1308.5	1298.8	1291.5	1284.3	1257.6	1226.1	1197.0	1168.0	1121.9
-62.5°	1264.9	1289.1	1301.2	1294.0	1284.3	1272.2	1243.1	1206.7	1172.8	1141.3	1095.3
-65°	1194.6	1216.4	1231.0	1218.8	1204.3	1187.3	1160.7	1126.8	1095.3	1063.8	1022.6
-67.5°	1075.9	1107.4	1131.6	1105.0	1085.6	1063.8	1042.0	1012.9	981.4	945.0	906.3
-70°	889.3	913.5	935.3	928.1	923.2	918.4	903.8	874.8	848.1	819.0	785.1
-72.5°	714.8	736.6	756.0	743.9	734.2	719.7	697.9	666.4	634.9	603.4	571.9
-75°	395.0	402.2	409.5	407.1	407.1	407.1	407.1	409.5	404.7	397.4	382.9
-77.5°	302.9	312.6	319.9	324.7	332.0	341.7	348.9	336.8	324.7	312.6	298.0
-80°	237.5	247.2	254.4	281.1	300.5	322.3	336.8	319.9	302.9	288.4	276.2
-82.5°	179.3	186.6	193.9	208.4	218.1	230.2	239.9	239.9	237.5	235.0	227.8
-85°	130.8	140.5	150.2	155.1	162.4	162.4	164.8	155.1	145.4	138.1	128.4
-87.5°	75.1	77.5	77.5	77.5	80.0	80.0	80.0	75.1	72.7	67.8	65.4
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.4	4.8	4.8	7.3	7.3	9.7	9.7	12.1	12.1
85°	14.5	14.5	14.5	17.0	17.0	19.4	21.8	24.2	26.7	26.7	29.1
82.5°	24.2	26.7	29.1	31.5	33.9	36.3	38.8	41.2	48.5	53.3	55.7
80°	24.2	26.7	33.9	38.8	43.6	48.5	48.5	48.5	48.5	50.9	55.7
77.5°	17.0	19.4	21.8	26.7	38.8	48.5	55.7	60.6	55.7	53.3	48.5
75°	9.7	12.1	14.5	17.0	24.2	33.9	46.0	58.2	67.8	65.4	60.6
72.5°	9.7	9.7	12.1	14.5	17.0	19.4	21.8	33.9	48.5	60.6	67.8
70°	9.7	12.1	12.1	14.5	17.0	19.4	21.8	26.7	33.9	48.5	63.0
67.5°	9.7	12.1	12.1	17.0	21.8	24.2	26.7	24.2	21.8	31.5	46.0
65°	9.7	9.7	12.1	14.5	17.0	19.4	26.7	26.7	24.2	24.2	24.2
62.5°	14.5	14.5	14.5	14.5	17.0	17.0	17.0	21.8	21.8	21.8	21.8
60°	29.1	26.7	26.7	26.7	26.7	21.8	21.8	21.8	19.4	21.8	19.4
57.5°	70.3	58.2	53.3	53.3	46.0	43.6	36.3	26.7	26.7	21.8	21.8
55°	143.0	135.7	113.9	94.5	84.8	75.1	58.2	48.5	36.3	29.1	26.7
52.5°	220.5	201.1	181.7	157.5	133.3	113.9	96.9	75.1	60.6	43.6	33.9
50°	288.4	271.4	249.6	222.9	191.4	167.2	143.0	113.9	89.7	67.8	48.5
47.5°	392.5	358.6	332.0	300.5	264.1	230.2	198.7	164.8	126.0	99.3	75.1
45°	504.0	455.6	419.2	390.1	341.7	295.6	259.3	222.9	176.9	130.8	101.8
42.5°	581.6	545.2	496.7	458.0	414.4	365.9	317.4	278.7	230.2	176.9	130.8
40°	622.7	598.5	559.7	525.8	479.8	426.5	375.6	336.8	285.9	227.8	164.8
37.5°	654.2	642.1	622.7	596.1	552.5	489.5	438.6	392.5	348.9	281.1	213.2
35°	690.6	688.2	676.1	663.9	627.6	567.0	506.4	453.1	399.8	336.8	261.7
32.5°	724.5	722.1	714.8	710.0	695.4	642.1	576.7	516.1	455.6	390.1	307.7
30°	741.5	736.6	736.6	741.5	726.9	693.0	644.6	579.1	511.3	433.7	356.2
27.5°	741.5	736.6	739.1	746.3	743.9	726.9	690.6	637.3	562.2	474.9	399.8
25°	710.0	734.2	734.2	743.9	746.3	741.5	722.1	688.2	610.6	518.6	433.7
22.5°	666.4	724.5	746.3	743.9	746.3	758.4	760.9	729.4	656.7	562.2	467.7
20°	666.4	707.6	770.6	753.6	758.4	785.1	797.2	770.6	705.1	603.4	501.6
17.5°	680.9	707.6	760.9	787.5	794.8	816.6	836.0	819.0	748.8	647.0	547.6
15°	722.1	717.3	753.6	819.0	831.1	848.1	869.9	850.5	787.5	695.4	591.2
12.5°	751.2	724.5	753.6	823.9	862.6	879.6	886.9	872.3	821.4	739.1	634.9
10°	789.9	743.9	758.4	819.0	874.8	886.9	894.1	889.3	852.9	775.4	673.6
7.5°	819.0	753.6	753.6	811.8	886.9	896.6	901.4	906.3	879.6	806.9	707.6
5°	831.1	753.6	748.8	804.5	899.0	908.7	908.7	915.9	899.0	831.1	731.8
2.5°	833.6	751.2	743.9	799.6	920.8	920.8	915.9	923.2	913.5	845.7	748.8
0°	845.7	748.8	741.5	806.9	945.0	935.3	923.2	925.6	920.8	852.9	758.4
-2.5°	845.7	760.9	751.2	811.8	942.6	940.2	935.3	937.8	932.9	874.8	777.8
-5°	857.8	777.8	768.1	833.6	940.2	947.4	949.9	949.9	942.6	889.3	789.9
-7.5°	860.2	789.9	787.5	855.4	945.0	957.1	964.4	969.3	954.7	899.0	799.6
-10°	848.1	794.8	806.9	882.0	949.9	966.8	981.4	988.6	964.4	903.8	804.5
-12.5°	821.4	794.8	826.3	915.9	962.0	981.4	1003.2	1005.6	974.1	906.3	806.9
-15°	819.0	814.2	860.2	949.9	969.3	993.5	1027.4	1020.1	981.4	906.3	806.9
-17.5°	816.6	840.8	911.1	962.0	981.4	1008.0	1034.7	1027.4	986.2	906.3	802.1
-20°	838.4	884.4	971.7	974.1	995.9	1025.0	1039.5	1025.0	978.9	899.0	794.8



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	874.8	962.0	991.1	1000.8	1020.1	1042.0	1049.2	1027.4	971.7	886.9	782.7
-25°	966.8	1010.5	1010.5	1032.3	1051.6	1061.3	1054.1	1029.8	962.0	874.8	770.6
-27.5°	1037.1	1034.7	1046.8	1068.6	1085.6	1085.6	1066.2	1017.7	947.4	862.6	753.6
-30°	1063.8	1066.2	1083.1	1107.4	1112.2	1100.1	1071.0	1008.0	935.3	843.3	731.8
-32.5°	1090.4	1100.1	1121.9	1134.0	1136.5	1112.2	1058.9	991.1	915.9	821.4	707.6
-35°	1121.9	1141.3	1153.4	1155.8	1143.7	1102.5	1042.0	969.3	886.9	789.9	685.7
-37.5°	1163.1	1172.8	1180.1	1170.4	1136.5	1088.0	1012.9	940.2	860.2	756.0	654.2
-40°	1189.8	1194.6	1197.0	1165.5	1124.3	1054.1	981.4	906.3	814.2	717.3	620.3
-42.5°	1206.7	1201.9	1182.5	1148.6	1088.0	1020.1	949.9	865.1	773.0	678.5	584.0
-45°	1201.9	1184.9	1155.8	1114.6	1051.6	983.8	901.4	816.6	729.4	637.3	542.8
-47.5°	1182.5	1155.8	1119.5	1071.0	1012.9	930.5	848.1	765.7	680.9	591.2	504.0
-50°	1158.3	1126.8	1083.1	1022.6	945.0	869.9	794.8	714.8	627.6	545.2	467.7
-52.5°	1131.6	1097.7	1042.0	974.1	889.3	811.8	739.1	661.5	581.6	504.0	436.2
-55°	1102.5	1068.6	1005.6	928.1	843.3	758.4	688.2	622.7	545.2	470.1	409.5
-57.5°	1088.0	1044.4	978.9	901.4	811.8	724.5	663.9	593.7	523.4	445.9	387.7
-60°	1075.9	1032.3	971.7	882.0	797.2	714.8	644.6	576.7	501.6	428.9	370.7
-62.5°	1042.0	995.9	940.2	852.9	770.6	695.4	632.4	552.5	479.8	411.9	358.6
-65°	974.1	925.6	877.2	799.6	724.5	654.2	591.2	518.6	450.7	392.5	346.5
-67.5°	867.5	826.3	782.7	717.3	654.2	591.2	533.1	470.1	414.4	373.2	348.9
-70°	748.8	705.1	661.5	608.2	554.9	504.0	458.0	411.9	375.6	353.8	334.4
-72.5°	545.2	525.8	504.0	462.8	419.2	387.7	365.9	346.5	319.9	300.5	288.4
-75°	363.5	336.8	302.9	288.4	290.8	285.9	273.8	259.3	247.2	239.9	222.9
-77.5°	283.5	269.0	252.0	235.0	227.8	220.5	210.8	198.7	189.0	172.0	147.8
-80°	261.7	249.6	237.5	225.4	213.2	196.3	176.9	157.5	147.8	140.5	138.1
-82.5°	215.7	201.1	186.6	174.5	157.5	145.4	133.3	123.6	123.6	121.2	118.7
-85°	123.6	118.7	111.5	106.6	101.8	94.5	87.2	82.4	80.0	77.5	75.1
-87.5°	63.0	60.6	55.7	53.3	50.9	48.5	43.6	41.2	38.8	38.8	36.3
-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: P723816

CATALOG NUMBER: IFLD-S-SA3E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	12.1	9.7	9.7	9.7	7.3	4.8	4.8	2.4	2.4	0.0
85°	29.1	24.2	21.8	19.4	19.4	14.5	9.7	7.3	4.8	2.4	2.4
82.5°	55.7	48.5	41.2	36.3	29.1	21.8	17.0	12.1	7.3	4.8	2.4
80°	63.0	63.0	60.6	50.9	41.2	31.5	21.8	14.5	9.7	7.3	4.8
77.5°	48.5	53.3	53.3	53.3	50.9	38.8	26.7	17.0	9.7	7.3	4.8
75°	55.7	48.5	46.0	48.5	46.0	38.8	31.5	19.4	12.1	9.7	4.8
72.5°	67.8	58.2	50.9	48.5	43.6	36.3	29.1	21.8	12.1	9.7	7.3
70°	63.0	60.6	55.7	50.9	43.6	36.3	29.1	21.8	14.5	9.7	7.3
67.5°	55.7	55.7	55.7	50.9	43.6	33.9	26.7	19.4	14.5	9.7	7.3
65°	38.8	46.0	50.9	48.5	43.6	33.9	26.7	19.4	14.5	12.1	7.3
62.5°	24.2	31.5	41.2	46.0	41.2	33.9	24.2	19.4	14.5	12.1	7.3
60°	21.8	24.2	29.1	36.3	38.8	31.5	24.2	17.0	14.5	12.1	7.3
57.5°	21.8	21.8	24.2	29.1	31.5	29.1	21.8	14.5	14.5	12.1	9.7
55°	24.2	21.8	21.8	24.2	26.7	26.7	21.8	14.5	14.5	12.1	9.7
52.5°	29.1	24.2	21.8	21.8	21.8	24.2	19.4	14.5	14.5	12.1	9.7
50°	36.3	29.1	26.7	21.8	21.8	21.8	19.4	14.5	12.1	12.1	9.7
47.5°	48.5	38.8	29.1	26.7	21.8	19.4	17.0	14.5	12.1	12.1	9.7
45°	72.7	46.0	38.8	29.1	24.2	21.8	19.4	14.5	12.1	12.1	9.7
42.5°	99.3	67.8	48.5	33.9	26.7	21.8	19.4	17.0	12.1	12.1	9.7
40°	126.0	92.1	60.6	43.6	31.5	24.2	19.4	17.0	14.5	12.1	9.7
37.5°	155.1	113.9	80.0	55.7	36.3	26.7	21.8	17.0	14.5	12.1	9.7
35°	191.4	143.0	99.3	67.8	43.6	31.5	24.2	17.0	14.5	12.1	9.7
32.5°	232.6	169.6	118.7	82.4	55.7	38.8	26.7	19.4	14.5	12.1	9.7
30°	271.4	201.1	140.5	99.3	67.8	43.6	29.1	19.4	14.5	12.1	7.3
27.5°	310.2	232.6	167.2	116.3	82.4	50.9	31.5	21.8	14.5	12.1	9.7
25°	348.9	264.1	193.9	133.3	94.5	60.6	38.8	24.2	14.5	12.1	9.7
22.5°	382.9	295.6	218.1	152.7	109.0	70.3	43.6	26.7	17.0	12.1	9.7
20°	421.6	329.5	244.7	174.5	121.2	80.0	48.5	29.1	17.0	12.1	9.7
17.5°	458.0	363.5	271.4	193.9	135.7	89.7	55.7	31.5	19.4	12.1	9.7
15°	494.3	395.0	295.6	213.2	150.2	99.3	60.6	33.9	21.8	12.1	9.7
12.5°	528.2	424.1	317.4	230.2	162.4	109.0	65.4	36.3	24.2	12.1	9.7
10°	559.7	450.7	339.2	244.7	174.5	116.3	70.3	41.2	26.7	12.1	9.7
7.5°	591.2	472.5	356.2	259.3	189.0	126.0	75.1	43.6	29.1	14.5	9.7
5°	610.6	491.9	370.7	271.4	201.1	135.7	80.0	46.0	31.5	14.5	9.7
2.5°	627.6	506.4	380.4	283.5	213.2	143.0	80.0	48.5	33.9	14.5	9.7
0°	637.3	516.1	387.7	290.8	222.9	147.8	82.4	50.9	36.3	14.5	9.7
-2.5°	659.1	533.1	404.7	300.5	232.6	162.4	87.2	53.3	38.8	17.0	9.7
-5°	673.6	542.8	416.8	310.2	239.9	176.9	94.5	58.2	43.6	21.8	12.1
-7.5°	685.7	552.5	426.5	315.0	247.2	181.7	96.9	60.6	46.0	24.2	12.1
-10°	688.2	557.3	433.7	322.3	252.0	189.0	99.3	63.0	48.5	26.7	12.1
-12.5°	690.6	562.2	436.2	327.1	256.9	193.9	101.8	65.4	50.9	29.1	12.1
-15°	688.2	559.7	436.2	332.0	259.3	189.0	106.6	67.8	53.3	31.5	12.1
-17.5°	683.3	557.3	433.7	329.5	256.9	184.2	109.0	72.7	53.3	33.9	14.5
-20°	676.1	550.1	428.9	327.1	254.4	179.3	111.5	75.1	55.7	33.9	14.5



REPORT NUMBER: P723816

CATALOG NUMBER: IFLD-S-SA3E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	663.9	537.9	419.2	319.9	249.6	174.5	111.5	80.0	58.2	33.9	14.5
-25°	649.4	525.8	409.5	310.2	242.3	167.2	111.5	82.4	60.6	33.9	14.5
-27.5°	632.4	513.7	395.0	302.9	232.6	162.4	111.5	84.8	63.0	33.9	14.5
-30°	613.1	496.7	382.9	290.8	225.4	162.4	113.9	87.2	65.4	33.9	14.5
-32.5°	593.7	479.8	368.3	281.1	215.7	159.9	113.9	89.7	67.8	31.5	17.0
-35°	571.9	460.4	356.2	273.8	208.4	155.1	116.3	89.7	65.4	31.5	17.0
-37.5°	545.2	436.2	344.1	266.5	203.5	150.2	116.3	92.1	63.0	31.5	17.0
-40°	516.1	416.8	329.5	256.9	196.3	147.8	116.3	92.1	60.6	31.5	19.4
-42.5°	484.6	395.0	315.0	247.2	189.0	145.4	116.3	92.1	58.2	31.5	19.4
-45°	455.6	373.2	298.0	235.0	181.7	145.4	116.3	89.7	53.3	33.9	19.4
-47.5°	424.1	348.9	278.7	222.9	179.3	143.0	113.9	84.8	48.5	33.9	19.4
-50°	397.4	324.7	264.1	210.8	174.5	145.4	116.3	77.5	48.5	33.9	19.4
-52.5°	370.7	307.7	247.2	206.0	169.6	147.8	113.9	72.7	48.5	33.9	19.4
-55°	348.9	290.8	237.5	198.7	174.5	152.7	109.0	65.4	48.5	33.9	19.4
-57.5°	332.0	281.1	230.2	201.1	181.7	147.8	101.8	63.0	48.5	31.5	19.4
-60°	319.9	271.4	232.6	210.8	184.2	140.5	96.9	63.0	48.5	31.5	17.0
-62.5°	310.2	273.8	244.7	218.1	174.5	130.8	92.1	63.0	43.6	29.1	17.0
-65°	312.6	283.5	249.6	208.4	167.2	121.2	84.8	60.6	41.2	26.7	17.0
-67.5°	319.9	276.2	235.0	196.3	150.2	109.0	77.5	55.7	38.8	26.7	17.0
-70°	295.6	254.4	213.2	167.2	128.4	94.5	72.7	50.9	33.9	24.2	17.0
-72.5°	266.5	213.2	169.6	135.7	109.0	87.2	65.4	46.0	31.5	21.8	14.5
-75°	193.9	155.1	126.0	113.9	96.9	77.5	58.2	41.2	29.1	21.8	14.5
-77.5°	138.1	128.4	116.3	104.2	87.2	67.8	50.9	38.8	26.7	19.4	12.1
-80°	135.7	123.6	109.0	89.7	72.7	58.2	43.6	33.9	24.2	17.0	9.7
-82.5°	113.9	96.9	82.4	67.8	55.7	46.0	36.3	26.7	19.4	12.1	7.3
-85°	70.3	60.6	53.3	46.0	38.8	31.5	24.2	17.0	12.1	7.3	4.8
-87.5°	33.9	31.5	26.7	21.8	19.4	14.5	12.1	9.7	7.3	4.8	2.4
-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: P723816

CATALOG NUMBER: IFLD-S-SA3E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	2.4	0.0	0.0	0.0
80°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	4.8	2.4	2.4	0.0
67.5°	4.8	2.4	2.4	0.0
65°	4.8	2.4	2.4	0.0
62.5°	4.8	2.4	2.4	0.0
60°	4.8	2.4	2.4	0.0
57.5°	4.8	2.4	2.4	0.0
55°	4.8	2.4	2.4	0.0
52.5°	4.8	2.4	2.4	0.0
50°	4.8	2.4	2.4	0.0
47.5°	4.8	4.8	2.4	0.0
45°	4.8	4.8	2.4	0.0
42.5°	4.8	4.8	2.4	0.0
40°	4.8	4.8	2.4	0.0
37.5°	4.8	4.8	2.4	0.0
35°	4.8	4.8	2.4	0.0
32.5°	7.3	4.8	2.4	0.0
30°	7.3	4.8	4.8	0.0
27.5°	7.3	4.8	4.8	0.0
25°	7.3	4.8	4.8	0.0
22.5°	7.3	4.8	4.8	0.0
20°	7.3	4.8	4.8	0.0
17.5°	7.3	4.8	4.8	0.0
15°	7.3	4.8	4.8	0.0
12.5°	7.3	4.8	4.8	0.0
10°	7.3	4.8	4.8	0.0
7.5°	7.3	4.8	4.8	0.0
5°	7.3	4.8	4.8	0.0
2.5°	7.3	4.8	4.8	0.0
0°	7.3	4.8	4.8	0.0
-2.5°	7.3	4.8	4.8	0.0
-5°	7.3	4.8	4.8	0.0
-7.5°	7.3	4.8	4.8	0.0
-10°	7.3	4.8	4.8	0.0
-12.5°	9.7	4.8	4.8	0.0
-15°	9.7	4.8	4.8	0.0
-17.5°	9.7	4.8	4.8	0.0
-20°	9.7	4.8	4.8	0.0

REPORT NUMBER: P723816

CATALOG NUMBER: IFLD-S-SA3E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.7	4.8	4.8	0.0
-25°	9.7	4.8	4.8	0.0
-27.5°	9.7	4.8	4.8	0.0
-30°	9.7	4.8	4.8	0.0
-32.5°	9.7	4.8	4.8	0.0
-35°	9.7	4.8	4.8	0.0
-37.5°	9.7	4.8	4.8	0.0
-40°	9.7	4.8	4.8	0.0
-42.5°	7.3	4.8	2.4	0.0
-45°	9.7	4.8	2.4	0.0
-47.5°	9.7	4.8	2.4	0.0
-50°	9.7	4.8	2.4	0.0
-52.5°	9.7	4.8	2.4	0.0
-55°	9.7	4.8	2.4	0.0
-57.5°	9.7	4.8	2.4	0.0
-60°	9.7	4.8	2.4	0.0
-62.5°	9.7	4.8	2.4	0.0
-65°	9.7	4.8	2.4	0.0
-67.5°	9.7	4.8	2.4	0.0
-70°	9.7	2.4	2.4	0.0
-72.5°	7.3	2.4	2.4	0.0
-75°	7.3	2.4	2.4	0.0
-77.5°	4.8	2.4	0.0	0.0
-80°	4.8	2.4	0.0	0.0
-82.5°	4.8	2.4	0.0	0.0
-85°	2.4	0.0	0.0	0.0
-87.5°	2.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)