

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: P723613

Luminaire Tested: **IFLD-S-SA3E-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723613
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10518.2 lumens	Max Intensity:	247456.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	45.3 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:	3814.3 lumens	Field Lumens:	6080.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

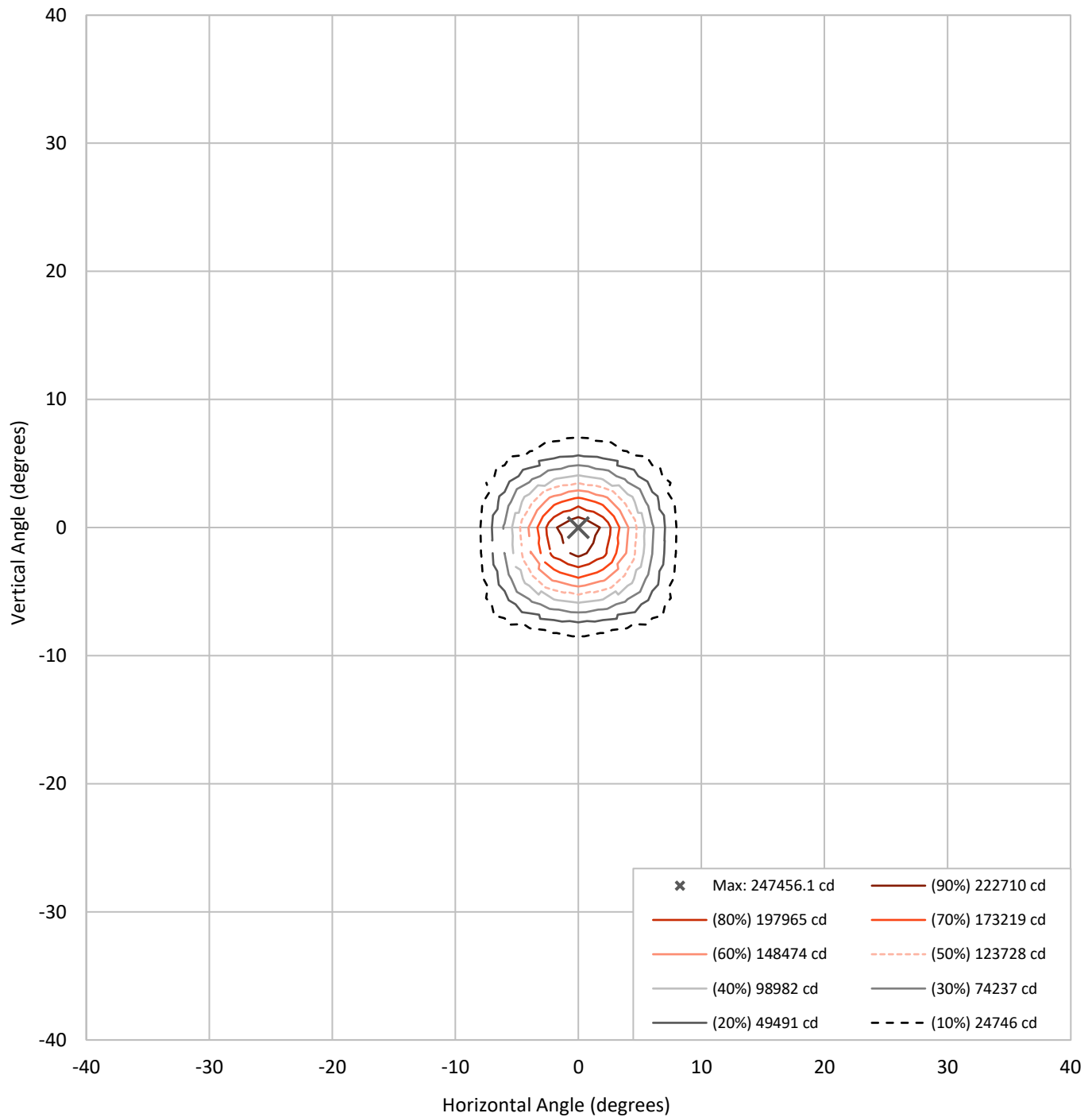
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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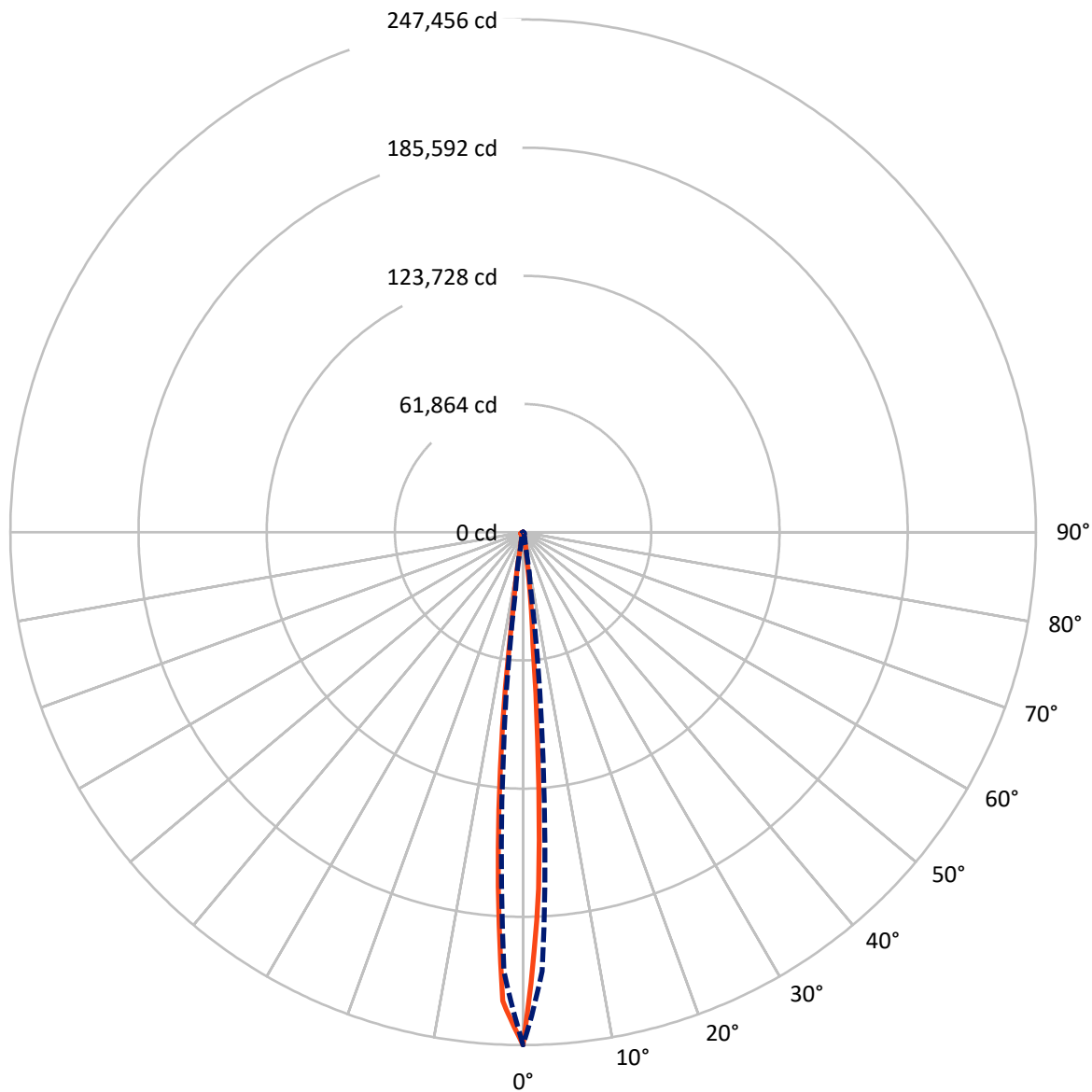
Lumen Table

90																
80	0.2	2.3		2.5		1.0		0.3		1.0		2.5		2.3		0.2
70																
60	0.3	0.5	0.7	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.7	0.5	0.3
50		0.3	0.5	1.2	2.7	4.4	5.7	6.5	6.5	5.7	4.4	2.7	1.2	0.5	0.3	
40	0.3	0.4	1.4	4.8	9.4	13.8	16.6	18.4	18.4	16.6	13.8	9.4	4.8	1.4	0.4	0.3
30		0.7	3.6	9.8	16.0	18.8	20.3	21.0	21.0	20.3	18.8	16.0	9.8	3.6	0.7	
20	0.4	1.4	6.2	14.3	18.5	19.1	22.5	27.1	27.1	22.5	19.1	18.5	14.3	6.2	1.4	0.4
10		2.1	8.7	17.6	19.8	22.3	39.2	66.8	66.8	39.2	22.3	19.8	17.6	8.7	2.1	
0	0.7	2.8	10.7	19.3	20.5	27.5	74.5	1380.8	1380.8	74.5	27.5	20.5	19.3	10.7	2.8	0.7
-10		3.2	11.7	20.3	21.2	28.4	80.3	2013.3	2013.3	80.3	28.4	21.2	20.3	11.7	3.2	
-20	1.0	3.5	12.0	21.4	23.0	25.7	46.7	89.6	89.6	46.7	25.7	23.0	21.4	12.0	3.5	1.0
-30		3.3	11.4	21.7	25.8	25.9	30.2	36.9	36.9	30.2	25.9	25.8	21.7	11.4	3.3	
-40	1.1	2.9	10.1	20.7	28.4	30.9	32.2	32.5	32.5	32.2	30.9	28.4	20.7	10.1	2.9	1.1
-50		2.5	8.1	17.6	27.4	33.3	37.3	39.1	39.1	37.3	33.3	27.4	17.6	8.1	2.5	
-60	0.9	2.3	6.3	13.6	23.4	31.4	36.4	38.5	38.5	36.4	31.4	23.4	13.6	6.3	2.3	0.9
-70		2.1	5.5	11.1	19.5	27.4	33.2	35.9	35.9	33.2	27.4	19.5	11.1	5.5	2.1	
-80	0.4	6.5		19.4		35.9		39.6		35.9		19.4		6.5		0.4
-90																
Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



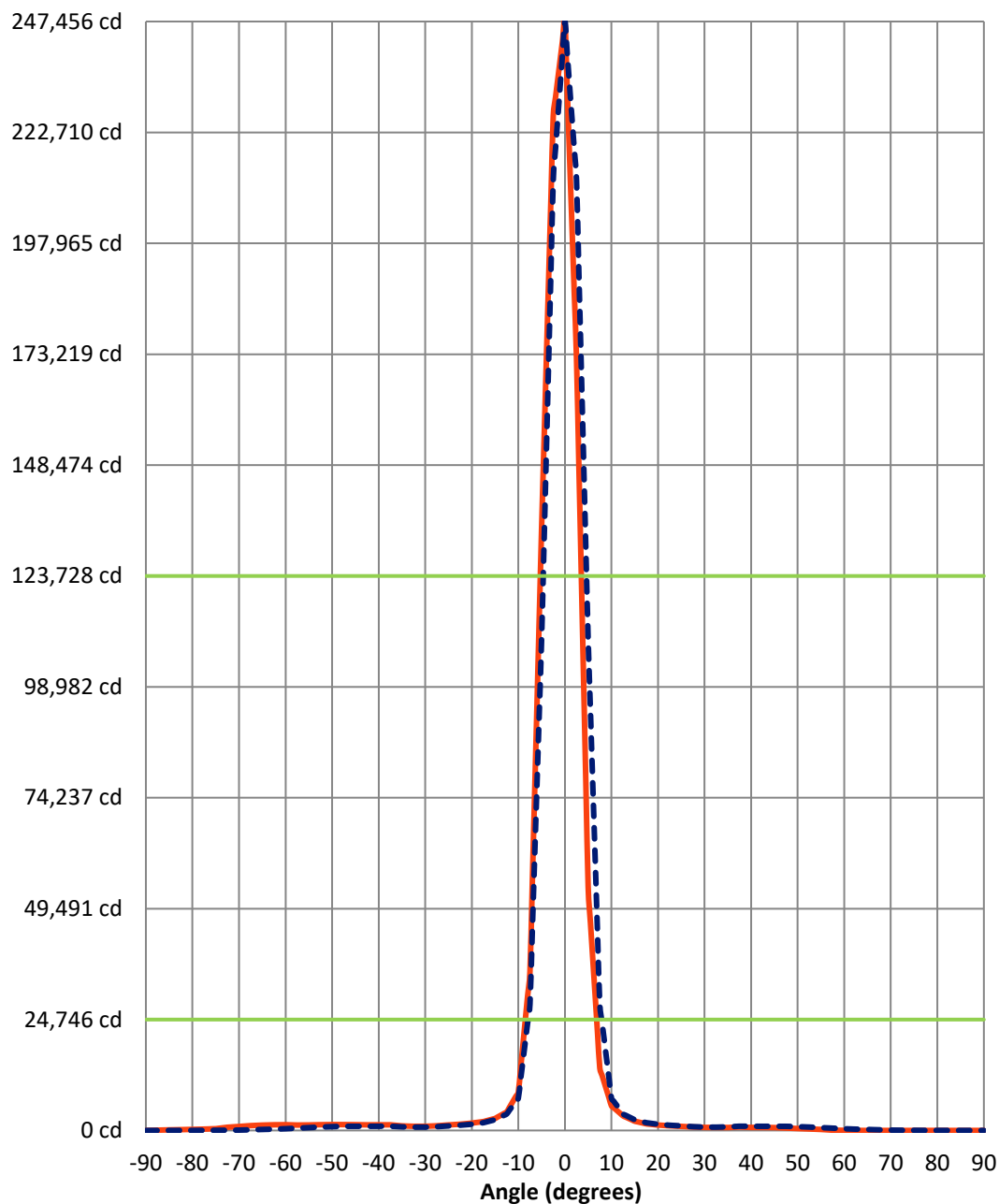
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3814.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6080.8

Efficiency: 57.8%

Spill:

Lumens: 4437.4

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	4.9	4.9	4.9	7.3	9.7	12.1	12.1	14.6
82.5°	0.0	2.4	2.4	4.9	4.9	7.3	7.3	12.1	14.6	17.0	21.9
80°	2.4	2.4	2.4	4.9	4.9	7.3	7.3	9.7	12.1	17.0	19.4
77.5°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	7.3	9.7	12.1	14.6
75°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	4.9	7.3	7.3	9.7
72.5°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
70°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
67.5°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
65°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	7.3	7.3	7.3	7.3
62.5°	2.4	2.4	2.4	4.9	7.3	7.3	9.7	12.1	12.1	12.1	12.1
60°	24.3	26.7	29.1	29.1	26.7	26.7	29.1	29.1	29.1	29.1	29.1
57.5°	65.6	70.4	72.8	72.8	72.8	70.4	80.1	82.6	72.8	68.0	75.3
55°	228.2	235.5	230.7	223.4	208.8	191.8	187.0	184.5	187.0	174.8	155.4
52.5°	332.6	339.9	337.5	332.6	322.9	310.8	301.1	291.4	281.7	262.2	240.4
50°	432.2	434.6	432.2	427.3	417.6	405.5	386.1	364.2	344.8	339.9	320.5
47.5°	543.9	551.2	551.2	548.7	541.5	519.6	490.5	458.9	444.3	439.5	420.1
45°	643.4	648.3	650.7	653.2	650.7	628.9	602.2	585.2	553.6	543.9	543.9
42.5°	670.2	672.6	675.0	677.4	684.7	667.7	645.9	616.7	609.5	607.0	602.2
40°	679.9	675.0	677.4	679.9	682.3	670.2	653.2	636.2	631.3	626.4	626.4
37.5°	772.1	750.3	733.3	718.7	706.6	694.4	677.4	662.9	650.7	641.0	650.7
35°	658.0	658.0	675.0	689.6	704.1	718.7	721.1	704.1	677.4	665.3	682.3
32.5°	672.6	672.6	672.6	677.4	682.3	694.4	706.6	713.9	733.3	711.4	711.4
30°	687.1	689.6	694.4	696.9	689.6	684.7	679.9	679.9	692.0	723.6	740.6
27.5°	772.1	772.1	764.8	755.1	733.3	699.3	682.3	658.0	660.4	675.0	716.3
25°	910.5	905.7	888.7	864.4	825.5	777.0	730.9	679.9	658.0	650.7	667.7
22.5°	1041.6	1034.4	1012.5	990.7	959.1	910.5	832.8	755.1	687.1	658.0	650.7
20°	1209.2	1192.2	1167.9	1133.9	1082.9	1034.4	966.4	864.4	764.8	689.6	660.4
17.5°	1478.7	1456.9	1410.7	1350.0	1262.6	1187.3	1090.2	993.1	881.4	760.0	694.4
15°	2068.7	2012.9	1932.8	1765.2	1592.8	1449.6	1303.9	1141.2	1027.1	866.8	767.3
12.5°	3253.6	3100.7	2867.6	2476.6	2090.6	1757.9	1522.4	1313.6	1129.1	980.9	840.1
10°	5506.9	5179.1	4535.7	3467.3	2755.9	2144.0	1721.5	1442.3	1209.2	1056.2	900.8
7.5°	13927.5	11361.0	8039.4	5489.9	3605.7	2619.9	1969.2	1563.7	1294.2	1104.8	949.4
5°	54282.3	44715.7	23853.5	9955.2	5424.3	3168.7	2192.6	1660.8	1350.0	1141.2	985.8
2.5°	172275.3	148771.4	78053.3	21430.3	6660.2	3569.3	2345.5	1721.5	1381.6	1167.9	1012.5
0°	247456.1	212078.9	109543.2	28185.2	7223.6	3671.3	2394.1	1733.7	1386.4	1172.8	1012.5
-2.5°	226380.3	198127.1	105818.5	26228.2	7381.4	3700.4	2432.9	1774.9	1422.9	1194.6	1019.8
-5°	134513.6	117988.1	73816.3	18701.1	6558.3	3435.7	2331.0	1738.5	1398.6	1182.5	1014.9
-7.5°	35440.4	30681.3	20182.3	9758.5	4244.3	2906.4	2141.6	1677.8	1367.0	1160.6	995.5
-10°	8544.4	8097.7	7233.3	4433.7	3304.6	2428.1	1898.8	1568.5	1303.9	1131.5	964.0
-12.5°	4120.5	4023.3	3651.8	3010.8	2452.4	2017.7	1719.1	1454.4	1245.6	1080.5	920.2
-15°	2680.6	2624.8	2498.5	2253.3	1969.2	1760.4	1551.5	1337.9	1172.8	1005.2	883.8
-17.5°	1983.7	1981.3	1918.2	1825.9	1685.1	1529.7	1376.7	1240.8	1080.5	937.2	845.0
-20°	1643.8	1643.8	1607.4	1546.7	1447.1	1345.2	1243.2	1116.9	985.8	879.0	840.1

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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°	1396.2	1398.6	1379.2	1340.3	1286.9	1201.9	1102.4	1000.4	905.7	866.8	854.7
-25°	1235.9	1231.0	1209.2	1172.8	1116.9	1048.9	983.4	915.4	888.7	879.0	896.0
-27.5°	1046.5	1053.8	1044.1	1027.1	990.7	942.1	927.5	908.1	913.0	927.5	993.1
-30°	934.8	942.1	951.8	959.1	947.0	934.8	939.7	954.2	985.8	1041.6	1065.9
-32.5°	934.8	937.2	951.8	966.4	973.7	983.4	1010.1	1058.6	1104.8	1090.2	1085.4
-35°	1019.8	1012.5	1031.9	1051.4	1078.1	1112.1	1141.2	1131.5	1114.5	1109.6	1114.5
-37.5°	1262.6	1216.5	1197.0	1184.9	1177.6	1172.8	1165.5	1158.2	1150.9	1146.1	1153.3
-40°	1260.2	1248.0	1235.9	1226.2	1218.9	1209.2	1204.3	1201.9	1194.6	1189.8	1184.9
-42.5°	1255.3	1260.2	1260.2	1257.7	1260.2	1257.7	1250.5	1240.8	1228.6	1218.9	1209.2
-45°	1291.7	1294.2	1299.0	1303.9	1311.2	1301.5	1286.9	1269.9	1252.9	1238.3	1226.2
-47.5°	1313.6	1316.0	1320.9	1328.2	1333.0	1323.3	1303.9	1282.0	1255.3	1231.0	1206.8
-50°	1320.9	1328.2	1330.6	1330.6	1328.2	1316.0	1286.9	1255.3	1226.2	1201.9	1180.1
-52.5°	1286.9	1294.2	1296.6	1291.7	1289.3	1277.2	1250.5	1221.3	1189.8	1172.8	1153.3
-55°	1231.0	1240.8	1248.0	1248.0	1248.0	1245.6	1221.3	1194.6	1170.3	1150.9	1131.5
-57.5°	1209.2	1226.2	1240.8	1243.2	1245.6	1248.0	1231.0	1204.3	1175.2	1146.1	1121.8
-60°	1289.3	1303.9	1311.2	1301.5	1294.2	1286.9	1260.2	1228.6	1199.5	1170.3	1124.2
-62.5°	1267.5	1291.7	1303.9	1296.6	1286.9	1274.7	1245.6	1209.2	1175.2	1143.6	1097.5
-65°	1197.0	1218.9	1233.5	1221.3	1206.8	1189.8	1163.1	1129.1	1097.5	1065.9	1024.7
-67.5°	1078.1	1109.6	1133.9	1107.2	1087.8	1065.9	1044.1	1014.9	983.4	947.0	908.1
-70°	891.1	915.4	937.2	930.0	925.1	920.2	905.7	876.5	849.8	820.7	786.7
-72.5°	716.3	738.1	757.6	745.4	735.7	721.1	699.3	667.7	636.2	604.6	573.0
-75°	395.8	403.1	410.3	407.9	407.9	407.9	407.9	410.3	405.5	398.2	383.6
-77.5°	303.5	313.2	320.5	325.4	332.6	342.4	349.6	337.5	325.4	313.2	298.7
-80°	238.0	247.7	254.9	281.7	301.1	322.9	337.5	320.5	303.5	288.9	276.8
-82.5°	179.7	187.0	194.2	208.8	218.5	230.7	240.4	240.4	238.0	235.5	228.2
-85°	131.1	140.8	150.5	155.4	162.7	162.7	165.1	155.4	145.7	138.4	128.7
-87.5°	75.3	77.7	77.7	77.7	80.1	80.1	80.1	75.3	72.8	68.0	65.6
-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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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	4.9	4.9	7.3	7.3	9.7	9.7	12.1	12.1
85°	14.6	14.6	14.6	17.0	17.0	19.4	21.9	24.3	26.7	26.7	29.1
82.5°	24.3	26.7	29.1	31.6	34.0	36.4	38.8	41.3	48.6	53.4	55.8
80°	24.3	26.7	34.0	38.8	43.7	48.6	48.6	48.6	48.6	51.0	55.8
77.5°	17.0	19.4	21.9	26.7	38.8	48.6	55.8	60.7	55.8	53.4	48.6
75°	9.7	12.1	14.6	17.0	24.3	34.0	46.1	58.3	68.0	65.6	60.7
72.5°	9.7	9.7	12.1	14.6	17.0	19.4	21.9	34.0	48.6	60.7	68.0
70°	9.7	12.1	12.1	14.6	17.0	19.4	21.9	26.7	34.0	48.6	63.1
67.5°	9.7	12.1	12.1	17.0	21.9	24.3	26.7	24.3	21.9	31.6	46.1
65°	9.7	9.7	12.1	14.6	17.0	19.4	26.7	26.7	24.3	24.3	24.3
62.5°	14.6	14.6	14.6	14.6	17.0	17.0	17.0	21.9	21.9	21.9	21.9
60°	29.1	26.7	26.7	26.7	26.7	21.9	21.9	21.9	19.4	21.9	19.4
57.5°	70.4	58.3	53.4	53.4	46.1	43.7	36.4	26.7	26.7	21.9	21.9
55°	143.3	136.0	114.1	94.7	85.0	75.3	58.3	48.6	36.4	29.1	26.7
52.5°	221.0	201.5	182.1	157.8	133.5	114.1	97.1	75.3	60.7	43.7	34.0
50°	288.9	271.9	250.1	223.4	191.8	167.5	143.3	114.1	89.8	68.0	48.6
47.5°	393.4	359.4	332.6	301.1	264.7	230.7	199.1	165.1	126.3	99.6	75.3
45°	505.0	456.5	420.1	390.9	342.4	296.2	259.8	223.4	177.3	131.1	102.0
42.5°	582.7	546.3	497.8	458.9	415.2	366.6	318.1	279.2	230.7	177.3	131.1
40°	624.0	599.7	560.9	526.9	480.8	427.3	376.4	337.5	286.5	228.2	165.1
37.5°	655.6	643.4	624.0	597.3	553.6	490.5	439.5	393.4	349.6	281.7	213.7
35°	692.0	689.6	677.4	665.3	628.9	568.2	507.5	454.1	400.6	337.5	262.2
32.5°	726.0	723.6	716.3	711.4	696.9	643.4	577.9	517.2	456.5	390.9	308.4
30°	743.0	738.1	738.1	743.0	728.4	694.4	645.9	580.3	512.3	434.6	356.9
27.5°	743.0	738.1	740.6	747.9	745.4	728.4	692.0	638.6	563.3	475.9	400.6
25°	711.4	735.7	735.7	745.4	747.9	743.0	723.6	689.6	611.9	519.6	434.6
22.5°	667.7	726.0	747.9	745.4	747.9	760.0	762.4	730.9	658.0	563.3	468.6
20°	667.7	709.0	772.1	755.1	760.0	786.7	798.8	772.1	706.6	604.6	502.6
17.5°	682.3	709.0	762.4	789.1	796.4	818.3	837.7	820.7	750.3	648.3	548.7
15°	723.6	718.7	755.1	820.7	832.8	849.8	871.7	852.3	789.1	696.9	592.5
12.5°	752.7	726.0	755.1	825.5	864.4	881.4	888.7	874.1	823.1	740.6	636.2
10°	791.6	745.4	760.0	820.7	876.5	888.7	896.0	891.1	854.7	777.0	675.0
7.5°	820.7	755.1	755.1	813.4	888.7	898.4	903.2	908.1	881.4	808.6	709.0
5°	832.8	755.1	750.3	806.1	900.8	910.5	910.5	917.8	900.8	832.8	733.3
2.5°	835.3	752.7	745.4	801.3	922.7	922.7	917.8	925.1	915.4	847.4	750.3
0°	847.4	750.3	743.0	808.6	947.0	937.2	925.1	927.5	922.7	854.7	760.0
-2.5°	847.4	762.4	752.7	813.4	944.5	942.1	937.2	939.7	934.8	876.5	779.4
-5°	859.5	779.4	769.7	835.3	942.1	949.4	951.8	951.8	944.5	891.1	791.6
-7.5°	862.0	791.6	789.1	857.1	947.0	959.1	966.4	971.2	956.7	900.8	801.3
-10°	849.8	796.4	808.6	883.8	951.8	968.8	983.4	990.7	966.4	905.7	806.1
-12.5°	823.1	796.4	828.0	917.8	964.0	983.4	1005.2	1007.7	976.1	908.1	808.6
-15°	820.7	815.8	862.0	951.8	971.2	995.5	1029.5	1022.2	983.4	908.1	808.6
-17.5°	818.3	842.5	913.0	964.0	983.4	1010.1	1036.8	1029.5	988.2	908.1	803.7
-20°	840.1	886.3	973.7	976.1	997.9	1027.1	1041.6	1027.1	980.9	900.8	796.4



REPORT NUMBER: P723613

CATALOG NUMBER: IFLD-S-SA3E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	876.5	964.0	993.1	1002.8	1022.2	1044.1	1051.4	1029.5	973.7	888.7	784.3
-25°	968.8	1012.5	1012.5	1034.4	1053.8	1063.5	1056.2	1031.9	964.0	876.5	772.1
-27.5°	1039.2	1036.8	1048.9	1070.8	1087.8	1087.8	1068.4	1019.8	949.4	864.4	755.1
-30°	1065.9	1068.4	1085.4	1109.6	1114.5	1102.4	1073.2	1010.1	937.2	845.0	733.3
-32.5°	1092.6	1102.4	1124.2	1136.3	1138.8	1114.5	1061.1	993.1	917.8	823.1	709.0
-35°	1124.2	1143.6	1155.8	1158.2	1146.1	1104.8	1044.1	971.2	888.7	791.6	687.1
-37.5°	1165.5	1175.2	1182.5	1172.8	1138.8	1090.2	1014.9	942.1	862.0	757.6	655.6
-40°	1192.2	1197.0	1199.5	1167.9	1126.6	1056.2	983.4	908.1	815.8	718.7	621.6
-42.5°	1209.2	1204.3	1184.9	1150.9	1090.2	1022.2	951.8	866.8	774.6	679.9	585.2
-45°	1204.3	1187.3	1158.2	1116.9	1053.8	985.8	903.2	818.3	730.9	638.6	543.9
-47.5°	1184.9	1158.2	1121.8	1073.2	1014.9	932.4	849.8	767.3	682.3	592.5	505.0
-50°	1160.6	1129.1	1085.4	1024.7	947.0	871.7	796.4	716.3	628.9	546.3	468.6
-52.5°	1133.9	1099.9	1044.1	976.1	891.1	813.4	740.6	662.9	582.7	505.0	437.1
-55°	1104.8	1070.8	1007.7	930.0	845.0	760.0	689.6	624.0	546.3	471.0	410.3
-57.5°	1090.2	1046.5	980.9	903.2	813.4	726.0	665.3	594.9	524.5	446.8	388.5
-60°	1078.1	1034.4	973.7	883.8	798.8	716.3	645.9	577.9	502.6	429.8	371.5
-62.5°	1044.1	997.9	942.1	854.7	772.1	696.9	633.7	553.6	480.8	412.8	359.4
-65°	976.1	927.5	879.0	801.3	726.0	655.6	592.5	519.6	451.6	393.4	347.2
-67.5°	869.3	828.0	784.3	718.7	655.6	592.5	534.2	471.0	415.2	373.9	349.6
-70°	750.3	706.6	662.9	609.5	556.0	505.0	458.9	412.8	376.4	354.5	335.1
-72.5°	546.3	526.9	505.0	463.8	420.1	388.5	366.6	347.2	320.5	301.1	288.9
-75°	364.2	337.5	303.5	288.9	291.4	286.5	274.4	259.8	247.7	240.4	223.4
-77.5°	284.1	269.5	252.5	235.5	228.2	221.0	211.2	199.1	189.4	172.4	148.1
-80°	262.2	250.1	238.0	225.8	213.7	196.7	177.3	157.8	148.1	140.8	138.4
-82.5°	216.1	201.5	187.0	174.8	157.8	145.7	133.5	123.8	123.8	121.4	119.0
-85°	123.8	119.0	111.7	106.8	102.0	94.7	87.4	82.6	80.1	77.7	75.3
-87.5°	63.1	60.7	55.8	53.4	51.0	48.6	43.7	41.3	38.8	38.8	36.4
-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: P723613

CATALOG NUMBER: IFLD-S-SA3E-722-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	4.9	4.9	2.4	2.4	0.0
85°	29.1	24.3	21.9	19.4	19.4	14.6	9.7	7.3	4.9	2.4	2.4
82.5°	55.8	48.6	41.3	36.4	29.1	21.9	17.0	12.1	7.3	4.9	2.4
80°	63.1	63.1	60.7	51.0	41.3	31.6	21.9	14.6	9.7	7.3	4.9
77.5°	48.6	53.4	53.4	53.4	51.0	38.8	26.7	17.0	9.7	7.3	4.9
75°	55.8	48.6	46.1	48.6	46.1	38.8	31.6	19.4	12.1	9.7	4.9
72.5°	68.0	58.3	51.0	48.6	43.7	36.4	29.1	21.9	12.1	9.7	7.3
70°	63.1	60.7	55.8	51.0	43.7	36.4	29.1	21.9	14.6	9.7	7.3
67.5°	55.8	55.8	55.8	51.0	43.7	34.0	26.7	19.4	14.6	9.7	7.3
65°	38.8	46.1	51.0	48.6	43.7	34.0	26.7	19.4	14.6	12.1	7.3
62.5°	24.3	31.6	41.3	46.1	41.3	34.0	24.3	19.4	14.6	12.1	7.3
60°	21.9	24.3	29.1	36.4	38.8	31.6	24.3	17.0	14.6	12.1	7.3
57.5°	21.9	21.9	24.3	29.1	31.6	29.1	21.9	14.6	14.6	12.1	9.7
55°	24.3	21.9	21.9	24.3	26.7	26.7	21.9	14.6	14.6	12.1	9.7
52.5°	29.1	24.3	21.9	21.9	21.9	24.3	19.4	14.6	14.6	12.1	9.7
50°	36.4	29.1	26.7	21.9	21.9	21.9	19.4	14.6	12.1	12.1	9.7
47.5°	48.6	38.8	29.1	26.7	21.9	19.4	17.0	14.6	12.1	12.1	9.7
45°	72.8	46.1	38.8	29.1	24.3	21.9	19.4	14.6	12.1	12.1	9.7
42.5°	99.6	68.0	48.6	34.0	26.7	21.9	19.4	17.0	12.1	12.1	9.7
40°	126.3	92.3	60.7	43.7	31.6	24.3	19.4	17.0	14.6	12.1	9.7
37.5°	155.4	114.1	80.1	55.8	36.4	26.7	21.9	17.0	14.6	12.1	9.7
35°	191.8	143.3	99.6	68.0	43.7	31.6	24.3	17.0	14.6	12.1	9.7
32.5°	233.1	170.0	119.0	82.6	55.8	38.8	26.7	19.4	14.6	12.1	9.7
30°	271.9	201.5	140.8	99.6	68.0	43.7	29.1	19.4	14.6	12.1	7.3
27.5°	310.8	233.1	167.5	116.5	82.6	51.0	31.6	21.9	14.6	12.1	9.7
25°	349.6	264.7	194.2	133.5	94.7	60.7	38.8	24.3	14.6	12.1	9.7
22.5°	383.6	296.2	218.5	153.0	109.3	70.4	43.7	26.7	17.0	12.1	9.7
20°	422.5	330.2	245.2	174.8	121.4	80.1	48.6	29.1	17.0	12.1	9.7
17.5°	458.9	364.2	271.9	194.2	136.0	89.8	55.8	31.6	19.4	12.1	9.7
15°	495.3	395.8	296.2	213.7	150.5	99.6	60.7	34.0	21.9	12.1	9.7
12.5°	529.3	424.9	318.1	230.7	162.7	109.3	65.6	36.4	24.3	12.1	9.7
10°	560.9	451.6	339.9	245.2	174.8	116.5	70.4	41.3	26.7	12.1	9.7
7.5°	592.5	473.5	356.9	259.8	189.4	126.3	75.3	43.7	29.1	14.6	9.7
5°	611.9	492.9	371.5	271.9	201.5	136.0	80.1	46.1	31.6	14.6	9.7
2.5°	628.9	507.5	381.2	284.1	213.7	143.3	80.1	48.6	34.0	14.6	9.7
0°	638.6	517.2	388.5	291.4	223.4	148.1	82.6	51.0	36.4	14.6	9.7
-2.5°	660.4	534.2	405.5	301.1	233.1	162.7	87.4	53.4	38.8	17.0	9.7
-5°	675.0	543.9	417.6	310.8	240.4	177.3	94.7	58.3	43.7	21.9	12.1
-7.5°	687.1	553.6	427.3	315.7	247.7	182.1	97.1	60.7	46.1	24.3	12.1
-10°	689.6	558.5	434.6	322.9	252.5	189.4	99.6	63.1	48.6	26.7	12.1
-12.5°	692.0	563.3	437.1	327.8	257.4	194.2	102.0	65.6	51.0	29.1	12.1
-15°	689.6	560.9	437.1	332.6	259.8	189.4	106.8	68.0	53.4	31.6	12.1
-17.5°	684.7	558.5	434.6	330.2	257.4	184.5	109.3	72.8	53.4	34.0	14.6
-20°	677.4	551.2	429.8	327.8	254.9	179.7	111.7	75.3	55.8	34.0	14.6

REPORT NUMBER: P723613

CATALOG NUMBER: IFLD-S-SA3E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	665.3	539.0	420.1	320.5	250.1	174.8	111.7	80.1	58.3	34.0	14.6
-25°	650.7	526.9	410.3	310.8	242.8	167.5	111.7	82.6	60.7	34.0	14.6
-27.5°	633.7	514.8	395.8	303.5	233.1	162.7	111.7	85.0	63.1	34.0	14.6
-30°	614.3	497.8	383.6	291.4	225.8	162.7	114.1	87.4	65.6	34.0	14.6
-32.5°	594.9	480.8	369.1	281.7	216.1	160.3	114.1	89.8	68.0	31.6	17.0
-35°	573.0	461.3	356.9	274.4	208.8	155.4	116.5	89.8	65.6	31.6	17.0
-37.5°	546.3	437.1	344.8	267.1	204.0	150.5	116.5	92.3	63.1	31.6	17.0
-40°	517.2	417.6	330.2	257.4	196.7	148.1	116.5	92.3	60.7	31.6	19.4
-42.5°	485.6	395.8	315.7	247.7	189.4	145.7	116.5	92.3	58.3	31.6	19.4
-45°	456.5	373.9	298.7	235.5	182.1	145.7	116.5	89.8	53.4	34.0	19.4
-47.5°	424.9	349.6	279.2	223.4	179.7	143.3	114.1	85.0	48.6	34.0	19.4
-50°	398.2	325.4	264.7	211.2	174.8	145.7	116.5	77.7	48.6	34.0	19.4
-52.5°	371.5	308.4	247.7	206.4	170.0	148.1	114.1	72.8	48.6	34.0	19.4
-55°	349.6	291.4	238.0	199.1	174.8	153.0	109.3	65.6	48.6	34.0	19.4
-57.5°	332.6	281.7	230.7	201.5	182.1	148.1	102.0	63.1	48.6	31.6	19.4
-60°	320.5	271.9	233.1	211.2	184.5	140.8	97.1	63.1	48.6	31.6	17.0
-62.5°	310.8	274.4	245.2	218.5	174.8	131.1	92.3	63.1	43.7	29.1	17.0
-65°	313.2	284.1	250.1	208.8	167.5	121.4	85.0	60.7	41.3	26.7	17.0
-67.5°	320.5	276.8	235.5	196.7	150.5	109.3	77.7	55.8	38.8	26.7	17.0
-70°	296.2	254.9	213.7	167.5	128.7	94.7	72.8	51.0	34.0	24.3	17.0
-72.5°	267.1	213.7	170.0	136.0	109.3	87.4	65.6	46.1	31.6	21.9	14.6
-75°	194.2	155.4	126.3	114.1	97.1	77.7	58.3	41.3	29.1	21.9	14.6
-77.5°	138.4	128.7	116.5	104.4	87.4	68.0	51.0	38.8	26.7	19.4	12.1
-80°	136.0	123.8	109.3	89.8	72.8	58.3	43.7	34.0	24.3	17.0	9.7
-82.5°	114.1	97.1	82.6	68.0	55.8	46.1	36.4	26.7	19.4	12.1	7.3
-85°	70.4	60.7	53.4	46.1	38.8	31.6	24.3	17.0	12.1	7.3	4.9
-87.5°	34.0	31.6	26.7	21.9	19.4	14.6	12.1	9.7	7.3	4.9	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: P723613

CATALOG NUMBER: IFLD-S-SA3E-722-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°	4.9	2.4	2.4	0.0
67.5°	4.9	2.4	2.4	0.0
65°	4.9	2.4	2.4	0.0
62.5°	4.9	2.4	2.4	0.0
60°	4.9	2.4	2.4	0.0
57.5°	4.9	2.4	2.4	0.0
55°	4.9	2.4	2.4	0.0
52.5°	4.9	2.4	2.4	0.0
50°	4.9	2.4	2.4	0.0
47.5°	4.9	4.9	2.4	0.0
45°	4.9	4.9	2.4	0.0
42.5°	4.9	4.9	2.4	0.0
40°	4.9	4.9	2.4	0.0
37.5°	4.9	4.9	2.4	0.0
35°	4.9	4.9	2.4	0.0
32.5°	7.3	4.9	2.4	0.0
30°	7.3	4.9	4.9	0.0
27.5°	7.3	4.9	4.9	0.0
25°	7.3	4.9	4.9	0.0
22.5°	7.3	4.9	4.9	0.0
20°	7.3	4.9	4.9	0.0
17.5°	7.3	4.9	4.9	0.0
15°	7.3	4.9	4.9	0.0
12.5°	7.3	4.9	4.9	0.0
10°	7.3	4.9	4.9	0.0
7.5°	7.3	4.9	4.9	0.0
5°	7.3	4.9	4.9	0.0
2.5°	7.3	4.9	4.9	0.0
0°	7.3	4.9	4.9	0.0
-2.5°	7.3	4.9	4.9	0.0
-5°	7.3	4.9	4.9	0.0
-7.5°	7.3	4.9	4.9	0.0
-10°	7.3	4.9	4.9	0.0
-12.5°	9.7	4.9	4.9	0.0
-15°	9.7	4.9	4.9	0.0
-17.5°	9.7	4.9	4.9	0.0
-20°	9.7	4.9	4.9	0.0



REPORT NUMBER: P723613

CATALOG NUMBER: IFLD-S-SA3E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.7	4.9	4.9	0.0
-25°	9.7	4.9	4.9	0.0
-27.5°	9.7	4.9	4.9	0.0
-30°	9.7	4.9	4.9	0.0
-32.5°	9.7	4.9	4.9	0.0
-35°	9.7	4.9	4.9	0.0
-37.5°	9.7	4.9	4.9	0.0
-40°	9.7	4.9	4.9	0.0
-42.5°	7.3	4.9	2.4	0.0
-45°	9.7	4.9	2.4	0.0
-47.5°	9.7	4.9	2.4	0.0
-50°	9.7	4.9	2.4	0.0
-52.5°	9.7	4.9	2.4	0.0
-55°	9.7	4.9	2.4	0.0
-57.5°	9.7	4.9	2.4	0.0
-60°	9.7	4.9	2.4	0.0
-62.5°	9.7	4.9	2.4	0.0
-65°	9.7	4.9	2.4	0.0
-67.5°	9.7	4.9	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°	4.9	2.4	0.0	0.0
-80°	4.9	2.4	0.0	0.0
-82.5°	4.9	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)