

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: P723729

Luminaire Tested: **IFLD-S-SA3E-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723729
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14279.4 lumens	Max Intensity:	335943.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.5 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:	5178.3 lumens	Field Lumens:	8255.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

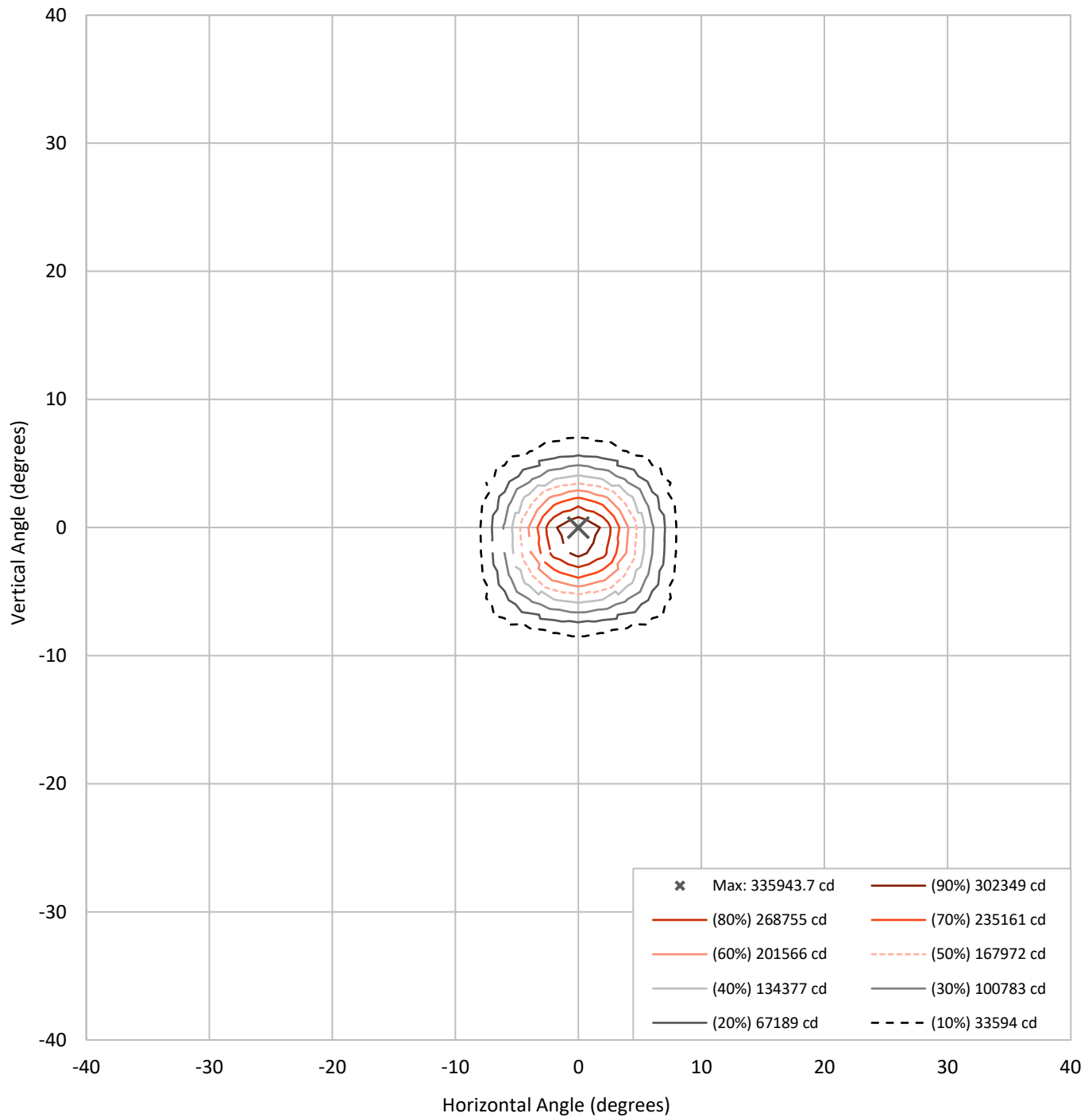
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

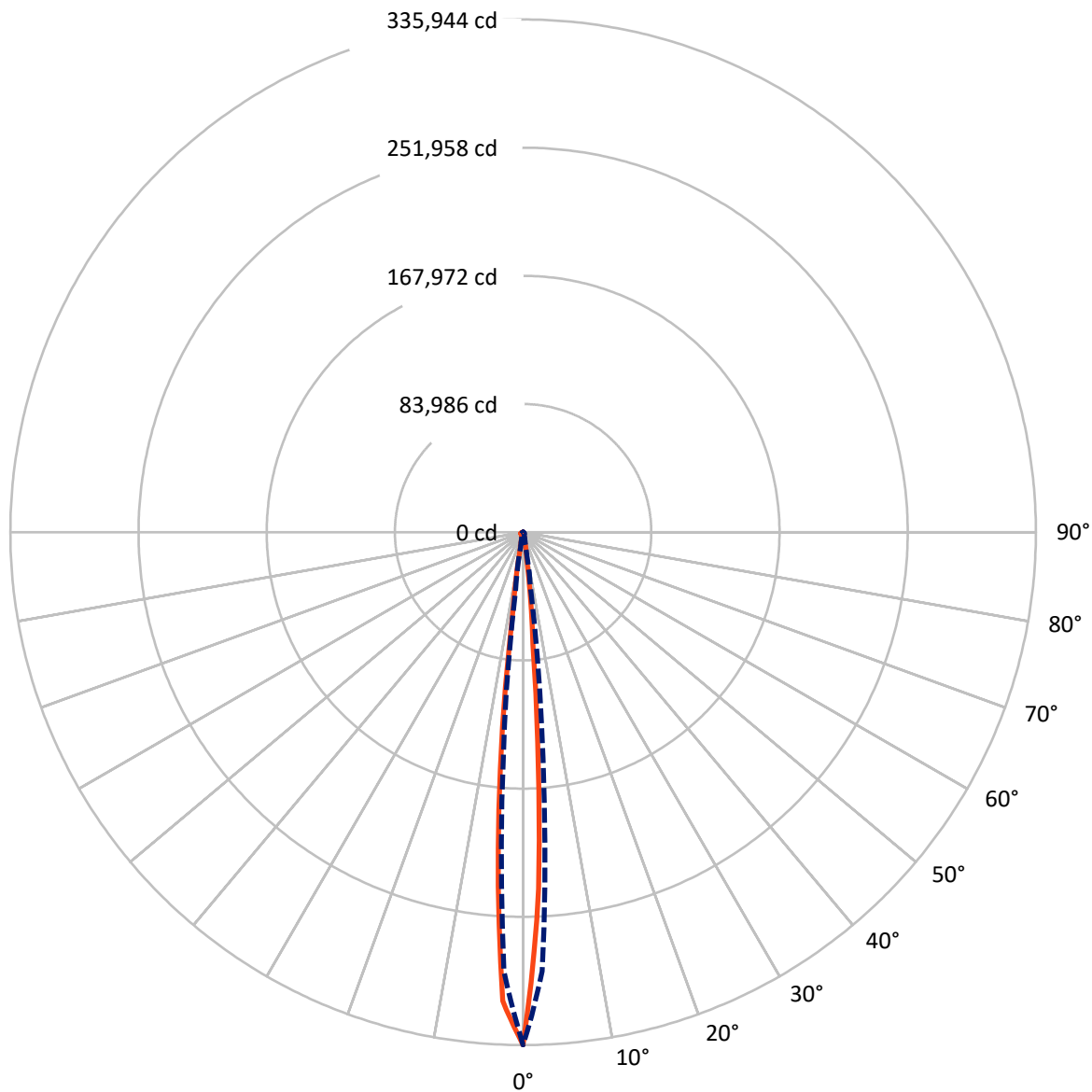
Lumen Table

90																		
80	0.2		3.2		3.5		1.3		0.4		1.3		3.5		3.2		0.2	
70	0.4		0.7	0.9	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	0.9	0.7	0.4	
60			0.5	0.6	1.7	3.7	6.0	7.7	8.9	8.9	7.7	6.0	3.7	1.7	0.6	0.5		
50	0.4		0.5	2.0	6.5	12.8	18.7	22.5	25.0	25.0	22.5	18.7	12.8	6.5	2.0	0.5	0.4	
40			1.0	4.9	13.4	21.7	25.5	27.5	28.5	28.5	27.5	25.5	21.7	13.4	4.9	1.0		
30	0.6		1.9	8.5	19.4	25.2	25.9	30.6	36.8	36.8	30.6	25.9	25.2	19.4	8.5	1.9	0.6	
20			2.9	11.9	23.9	26.8	30.3	53.2	90.6	90.6	53.2	30.3	26.8	23.9	11.9	2.9		
10	1.0		3.8	14.6	26.2	27.8	37.4	101.1	1874.5	1874.5	101.1	37.4	27.8	26.2	14.6	3.8	1.0	
0			4.4	15.9	27.6	28.8	38.6	109.0	2733.2	2733.2	109.0	38.6	28.8	27.6	15.9	4.4		
-10	1.4		4.7	16.4	29.0	31.2	34.8	63.3	121.6	121.6	63.3	34.8	31.2	29.0	16.4	4.7	1.4	
-20			4.4	15.5	29.4	35.0	35.1	41.0	50.1	50.1	41.0	35.1	35.0	29.4	15.5	4.4		
-30	1.5		3.9	13.7	28.1	38.6	42.0	43.7	44.1	44.1	43.7	42.0	38.6	28.1	13.7	3.9	1.5	
-40			3.5	11.1	23.9	37.2	45.2	50.7	53.1	53.1	50.7	45.2	37.2	23.9	11.1	3.5		
-50	1.2		3.1	8.5	18.5	31.7	42.6	49.5	52.3	52.3	49.5	42.6	31.7	18.5	8.5	3.1	1.2	
-60			2.9	7.5	15.1	26.4	37.2	45.1	48.7	48.7	45.1	37.2	26.4	15.1	7.5	2.9		
-70	0.5																0.5	
-80			8.8		26.3		48.7		53.8		48.7		26.3		8.8			
-90	0.2		3.2		3.5		1.3		0.4		1.3		3.5		3.2		0.2	

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

Luminous Intensity Polar Plot



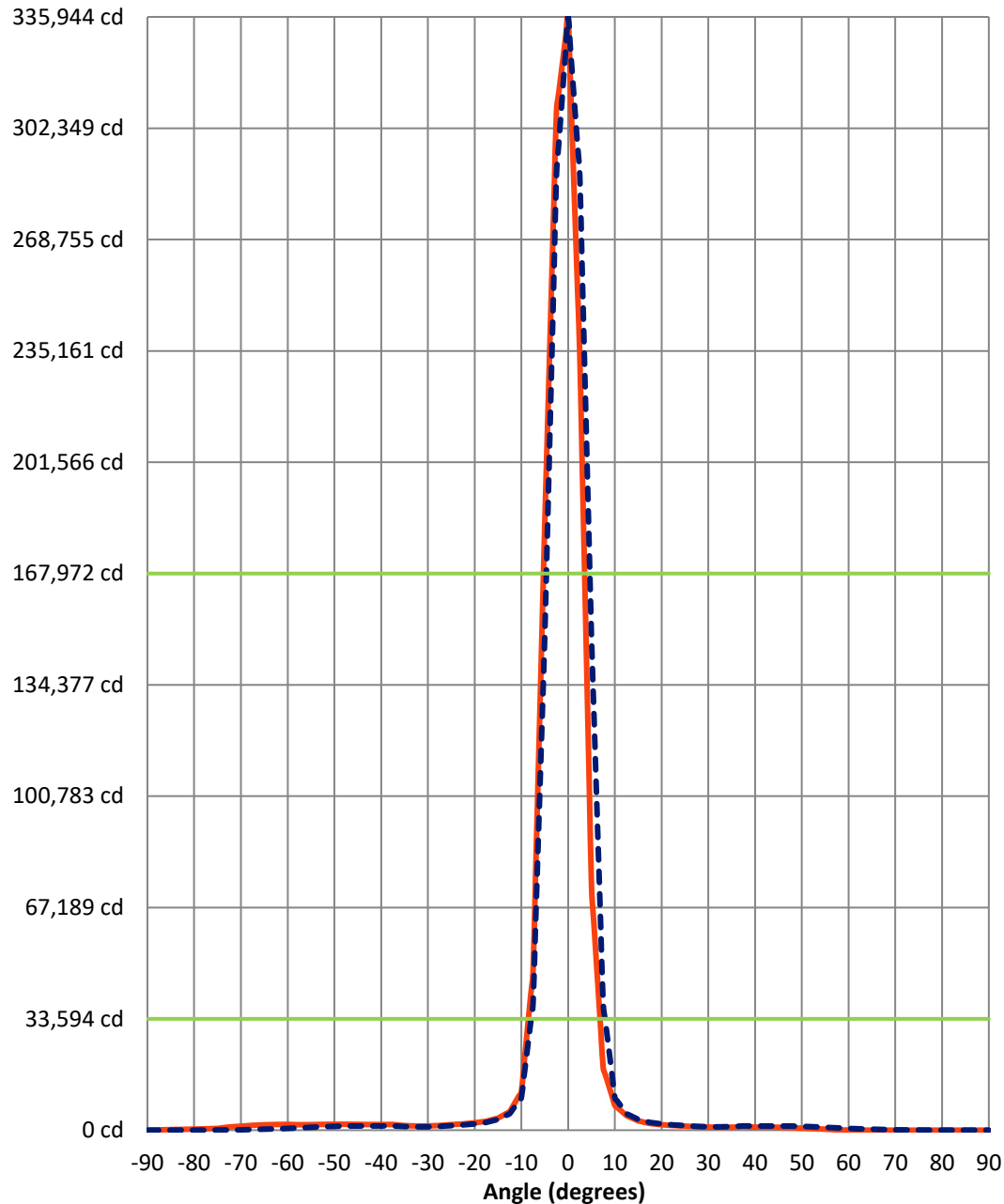
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 5178.3
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 8255.2
Efficiency: 57.8%

Spill:

Lumens: 6024.2
Efficiency: 42.2%

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

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

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	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	6.6	6.6	6.6	9.9	13.2	16.5	16.5	19.8
82.5°	0.0	3.3	3.3	6.6	6.6	9.9	9.9	16.5	19.8	23.1	29.7
80°	3.3	3.3	3.3	6.6	6.6	9.9	9.9	13.2	16.5	23.1	26.4
77.5°	0.0	3.3	3.3	3.3	6.6	6.6	6.6	9.9	13.2	16.5	19.8
75°	0.0	3.3	3.3	3.3	6.6	6.6	6.6	6.6	9.9	9.9	13.2
72.5°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
70°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
67.5°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
65°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	9.9	9.9	9.9	9.9
62.5°	3.3	3.3	3.3	6.6	9.9	9.9	13.2	16.5	16.5	16.5	16.5
60°	33.0	36.3	39.6	39.6	36.3	36.3	39.6	39.6	39.6	39.6	39.6
57.5°	89.0	95.6	98.9	98.9	98.9	95.6	108.8	112.1	98.9	92.3	102.2
55°	309.9	319.7	313.2	303.3	283.5	260.4	253.8	250.5	253.8	237.3	211.0
52.5°	451.6	461.5	458.2	451.6	438.4	421.9	408.7	395.6	382.4	356.0	326.3
50°	586.7	590.0	586.7	580.2	567.0	550.5	524.1	494.5	468.1	461.5	435.1
47.5°	738.4	748.3	748.3	745.0	735.1	705.4	665.9	623.0	603.2	596.6	570.3
45°	873.5	880.1	883.4	886.7	883.4	853.8	817.5	794.4	751.6	738.4	738.4
42.5°	909.8	913.1	916.4	919.7	929.6	906.5	876.8	837.3	827.4	824.1	817.5
40°	923.0	916.4	919.7	923.0	926.3	909.8	886.7	863.6	857.0	850.5	850.5
37.5°	1048.2	1018.6	995.5	975.7	959.2	942.8	919.7	899.9	883.4	870.2	883.4
35°	893.3	893.3	916.4	936.2	955.9	975.7	979.0	955.9	919.7	903.2	926.3
32.5°	913.1	913.1	913.1	919.7	926.3	942.8	959.2	969.1	995.5	965.8	965.8
30°	932.9	936.2	942.8	946.1	936.2	929.6	923.0	923.0	939.5	982.3	1005.4
27.5°	1048.2	1048.2	1038.3	1025.2	995.5	949.3	926.3	893.3	896.6	916.4	972.4
25°	1236.1	1229.5	1206.5	1173.5	1120.8	1054.8	992.2	923.0	893.3	883.4	906.5
22.5°	1414.1	1404.2	1374.6	1344.9	1302.1	1236.1	1130.6	1025.2	932.9	893.3	883.4
20°	1641.6	1618.5	1585.5	1539.4	1470.2	1404.2	1311.9	1173.5	1038.3	936.2	896.6
17.5°	2007.5	1977.8	1915.2	1832.8	1714.1	1611.9	1480.1	1348.2	1196.6	1031.8	942.8
15°	2808.5	2732.7	2623.9	2396.4	2162.4	1967.9	1770.1	1549.3	1394.4	1176.8	1041.6
12.5°	4417.1	4209.4	3893.0	3362.3	2838.2	2386.6	2066.8	1783.3	1532.8	1331.7	1140.5
10°	7476.1	7031.1	6157.6	4707.2	3741.4	2910.7	2337.1	1958.0	1641.6	1433.9	1222.9
7.5°	18907.8	15423.6	10914.2	7453.0	4895.1	3556.8	2673.3	2122.8	1757.0	1499.8	1288.9
5°	73693.1	60705.5	32383.3	13515.0	7364.0	4301.7	2976.6	2254.7	1832.8	1549.3	1338.3
2.5°	233879.0	201970.4	105964.3	29093.5	9041.9	4845.6	3184.3	2337.1	1875.6	1585.5	1374.6
0°	335943.7	287916.0	148714.6	38264.0	9806.6	4984.1	3250.2	2353.6	1882.2	1592.1	1374.6
-2.5°	307331.4	268975.2	143658.0	35607.1	10020.9	5023.6	3302.9	2409.6	1931.7	1621.8	1384.5
-5°	182614.2	160179.3	100212.2	25388.4	8903.4	4664.3	3164.5	2360.2	1898.7	1605.3	1377.9
-7.5°	48113.5	41652.6	27399.2	13248.0	5762.0	3945.7	2907.4	2277.8	1855.8	1575.7	1351.5
-10°	11599.8	10993.3	9819.8	6019.1	4486.3	3296.3	2577.7	2129.4	1770.1	1536.1	1308.6
-12.5°	5593.9	5462.0	4957.7	4087.5	3329.3	2739.3	2333.8	1974.5	1691.0	1466.9	1249.3
-15°	3639.2	3563.3	3391.9	3059.0	2673.3	2389.9	2106.4	1816.3	1592.1	1364.7	1199.9
-17.5°	2693.1	2689.8	2604.1	2478.9	2287.7	2076.7	1869.0	1684.4	1466.9	1272.4	1147.1
-20°	2231.6	2231.6	2182.2	2099.8	1964.6	1826.2	1687.7	1516.3	1338.3	1193.3	1140.5

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1895.4	1898.7	1872.3	1819.6	1747.1	1631.7	1496.5	1358.1	1229.5	1176.8	1160.3
-25°	1677.8	1671.2	1641.6	1592.1	1516.3	1424.0	1335.0	1242.7	1206.5	1193.3	1216.4
-27.5°	1420.7	1430.6	1417.4	1394.4	1344.9	1279.0	1259.2	1232.8	1239.4	1259.2	1348.2
-30°	1269.1	1279.0	1292.2	1302.1	1285.6	1269.1	1275.7	1295.5	1338.3	1414.1	1447.1
-32.5°	1269.1	1272.4	1292.2	1311.9	1321.8	1335.0	1371.3	1437.2	1499.8	1480.1	1473.5
-35°	1384.5	1374.6	1400.9	1427.3	1463.6	1509.7	1549.3	1536.1	1513.0	1506.4	1513.0
-37.5°	1714.1	1651.5	1625.1	1608.6	1598.7	1592.1	1582.2	1572.4	1562.5	1555.9	1565.8
-40°	1710.8	1694.3	1677.8	1664.7	1654.8	1641.6	1635.0	1631.7	1621.8	1615.2	1608.6
-42.5°	1704.2	1710.8	1710.8	1707.5	1710.8	1707.5	1697.6	1684.4	1668.0	1654.8	1641.6
-45°	1753.7	1757.0	1763.5	1770.1	1780.0	1766.8	1747.1	1724.0	1700.9	1681.1	1664.7
-47.5°	1783.3	1786.6	1793.2	1803.1	1809.7	1796.5	1770.1	1740.5	1704.2	1671.2	1638.3
-50°	1793.2	1803.1	1806.4	1806.4	1803.1	1786.6	1747.1	1704.2	1664.7	1631.7	1602.0
-52.5°	1747.1	1757.0	1760.2	1753.7	1750.4	1733.9	1697.6	1658.1	1615.2	1592.1	1565.8
-55°	1671.2	1684.4	1694.3	1694.3	1694.3	1691.0	1658.1	1621.8	1588.8	1562.5	1536.1
-57.5°	1641.6	1664.7	1684.4	1687.7	1691.0	1694.3	1671.2	1635.0	1595.4	1555.9	1522.9
-60°	1750.4	1770.1	1780.0	1766.8	1757.0	1747.1	1710.8	1668.0	1628.4	1588.8	1526.2
-62.5°	1720.7	1753.7	1770.1	1760.2	1747.1	1730.6	1691.0	1641.6	1595.4	1552.6	1489.9
-65°	1625.1	1654.8	1674.5	1658.1	1638.3	1615.2	1578.9	1532.8	1489.9	1447.1	1391.1
-67.5°	1463.6	1506.4	1539.4	1503.1	1476.8	1447.1	1417.4	1377.9	1335.0	1285.6	1232.8
-70°	1209.8	1242.7	1272.4	1262.5	1255.9	1249.3	1229.5	1190.0	1153.7	1114.2	1068.0
-72.5°	972.4	1002.1	1028.5	1012.0	998.8	979.0	949.3	906.5	863.6	820.8	777.9
-75°	537.3	547.2	557.1	553.8	553.8	553.8	553.8	557.1	550.5	540.6	520.8
-77.5°	412.0	425.2	435.1	441.7	451.6	464.8	474.7	458.2	441.7	425.2	405.5
-80°	323.0	336.2	346.1	382.4	408.7	438.4	458.2	435.1	412.0	392.3	375.8
-82.5°	243.9	253.8	263.7	283.5	296.7	313.2	326.3	326.3	323.0	319.7	309.9
-85°	178.0	191.2	204.4	211.0	220.9	220.9	224.2	211.0	197.8	187.9	174.7
-87.5°	102.2	105.5	105.5	105.5	108.8	108.8	108.8	102.2	98.9	92.3	89.0
-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: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

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°	3.3	3.3	3.3	6.6	6.6	9.9	9.9	13.2	13.2	16.5	16.5
85°	19.8	19.8	19.8	23.1	23.1	26.4	29.7	33.0	36.3	36.3	39.6
82.5°	33.0	36.3	39.6	42.9	46.1	49.4	52.7	56.0	65.9	72.5	75.8
80°	33.0	36.3	46.1	52.7	59.3	65.9	65.9	65.9	65.9	69.2	75.8
77.5°	23.1	26.4	29.7	36.3	52.7	65.9	75.8	82.4	75.8	72.5	65.9
75°	13.2	16.5	19.8	23.1	33.0	46.1	62.6	79.1	92.3	89.0	82.4
72.5°	13.2	13.2	16.5	19.8	23.1	26.4	29.7	46.1	65.9	82.4	92.3
70°	13.2	16.5	16.5	19.8	23.1	26.4	29.7	36.3	46.1	65.9	85.7
67.5°	13.2	16.5	16.5	23.1	29.7	33.0	36.3	33.0	29.7	42.9	62.6
65°	13.2	13.2	16.5	19.8	23.1	26.4	36.3	36.3	33.0	33.0	33.0
62.5°	19.8	19.8	19.8	19.8	23.1	23.1	23.1	29.7	29.7	29.7	29.7
60°	39.6	36.3	36.3	36.3	36.3	29.7	29.7	29.7	26.4	29.7	26.4
57.5°	95.6	79.1	72.5	72.5	62.6	59.3	49.4	36.3	36.3	29.7	29.7
55°	194.5	184.6	154.9	128.6	115.4	102.2	79.1	65.9	49.4	39.6	36.3
52.5°	300.0	273.6	247.2	214.3	181.3	154.9	131.9	102.2	82.4	59.3	46.1
50°	392.3	369.2	339.5	303.3	260.4	227.4	194.5	154.9	122.0	92.3	65.9
47.5°	534.0	487.9	451.6	408.7	359.3	313.2	270.3	224.2	171.4	135.2	102.2
45°	685.6	619.7	570.3	530.7	464.8	402.2	352.7	303.3	240.6	178.0	138.4
42.5°	791.1	741.7	675.8	623.0	563.7	497.7	431.8	379.1	313.2	240.6	178.0
40°	847.2	814.2	761.5	715.3	652.7	580.2	510.9	458.2	389.0	309.9	224.2
37.5°	890.0	873.5	847.2	810.9	751.6	665.9	596.6	534.0	474.7	382.4	290.1
35°	939.5	936.2	919.7	903.2	853.8	771.3	688.9	616.4	543.9	458.2	356.0
32.5°	985.6	982.3	972.4	965.8	946.1	873.5	784.5	702.1	619.7	530.7	418.6
30°	1008.7	1002.1	1002.1	1008.7	988.9	942.8	876.8	787.8	695.5	590.0	484.6
27.5°	1008.7	1002.1	1005.4	1015.3	1012.0	988.9	939.5	866.9	764.8	646.1	543.9
25°	965.8	998.8	998.8	1012.0	1015.3	1008.7	982.3	936.2	830.7	705.4	590.0
22.5°	906.5	985.6	1015.3	1012.0	1015.3	1031.8	1035.1	992.2	893.3	764.8	636.2
20°	906.5	962.5	1048.2	1025.2	1031.8	1068.0	1084.5	1048.2	959.2	820.8	682.3
17.5°	926.3	962.5	1035.1	1071.3	1081.2	1110.9	1137.2	1114.2	1018.6	880.1	745.0
15°	982.3	975.7	1025.2	1114.2	1130.6	1153.7	1183.4	1157.0	1071.3	946.1	804.3
12.5°	1021.9	985.6	1025.2	1120.8	1173.5	1196.6	1206.5	1186.7	1117.5	1005.4	863.6
10°	1074.6	1012.0	1031.8	1114.2	1190.0	1206.5	1216.4	1209.8	1160.3	1054.8	916.4
7.5°	1114.2	1025.2	1025.2	1104.3	1206.5	1219.6	1226.2	1232.8	1196.6	1097.7	962.5
5°	1130.6	1025.2	1018.6	1094.4	1222.9	1236.1	1236.1	1246.0	1222.9	1130.6	995.5
2.5°	1133.9	1021.9	1012.0	1087.8	1252.6	1252.6	1246.0	1255.9	1242.7	1150.4	1018.6
0°	1150.4	1018.6	1008.7	1097.7	1285.6	1272.4	1255.9	1259.2	1252.6	1160.3	1031.8
-2.5°	1150.4	1035.1	1021.9	1104.3	1282.3	1279.0	1272.4	1275.7	1269.1	1190.0	1058.1
-5°	1166.9	1058.1	1044.9	1133.9	1279.0	1288.9	1292.2	1292.2	1282.3	1209.8	1074.6
-7.5°	1170.2	1074.6	1071.3	1163.6	1285.6	1302.1	1311.9	1318.5	1298.8	1222.9	1087.8
-10°	1153.7	1081.2	1097.7	1199.9	1292.2	1315.2	1335.0	1344.9	1311.9	1229.5	1094.4
-12.5°	1117.5	1081.2	1124.1	1246.0	1308.6	1335.0	1364.7	1368.0	1325.1	1232.8	1097.7
-15°	1114.2	1107.6	1170.2	1292.2	1318.5	1351.5	1397.7	1387.8	1335.0	1232.8	1097.7
-17.5°	1110.9	1143.8	1239.4	1308.6	1335.0	1371.3	1407.5	1397.7	1341.6	1232.8	1091.1
-20°	1140.5	1203.2	1321.8	1325.1	1354.8	1394.4	1414.1	1394.4	1331.7	1222.9	1081.2

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-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°	1190.0	1308.6	1348.2	1361.4	1387.8	1417.4	1427.3	1397.7	1321.8	1206.5	1064.7
-25°	1315.2	1374.6	1374.6	1404.2	1430.6	1443.8	1433.9	1400.9	1308.6	1190.0	1048.2
-27.5°	1410.8	1407.5	1424.0	1453.7	1476.8	1476.8	1450.4	1384.5	1288.9	1173.5	1025.2
-30°	1447.1	1450.4	1473.5	1506.4	1513.0	1496.5	1457.0	1371.3	1272.4	1147.1	995.5
-32.5°	1483.4	1496.5	1526.2	1542.7	1546.0	1513.0	1440.5	1348.2	1246.0	1117.5	962.5
-35°	1526.2	1552.6	1569.1	1572.4	1555.9	1499.8	1417.4	1318.5	1206.5	1074.6	932.9
-37.5°	1582.2	1595.4	1605.3	1592.1	1546.0	1480.1	1377.9	1279.0	1170.2	1028.5	890.0
-40°	1618.5	1625.1	1628.4	1585.5	1529.5	1433.9	1335.0	1232.8	1107.6	975.7	843.9
-42.5°	1641.6	1635.0	1608.6	1562.5	1480.1	1387.8	1292.2	1176.8	1051.5	923.0	794.4
-45°	1635.0	1611.9	1572.4	1516.3	1430.6	1338.3	1226.2	1110.9	992.2	866.9	738.4
-47.5°	1608.6	1572.4	1522.9	1457.0	1377.9	1265.8	1153.7	1041.6	926.3	804.3	685.6
-50°	1575.7	1532.8	1473.5	1391.1	1285.6	1183.4	1081.2	972.4	853.8	741.7	636.2
-52.5°	1539.4	1493.2	1417.4	1325.1	1209.8	1104.3	1005.4	899.9	791.1	685.6	593.3
-55°	1499.8	1453.7	1368.0	1262.5	1147.1	1031.8	936.2	847.2	741.7	639.5	557.1
-57.5°	1480.1	1420.7	1331.7	1226.2	1104.3	985.6	903.2	807.6	712.0	606.5	527.4
-60°	1463.6	1404.2	1321.8	1199.9	1084.5	972.4	876.8	784.5	682.3	583.5	504.3
-62.5°	1417.4	1354.8	1279.0	1160.3	1048.2	946.1	860.3	751.6	652.7	560.4	487.9
-65°	1325.1	1259.2	1193.3	1087.8	985.6	890.0	804.3	705.4	613.1	534.0	471.4
-67.5°	1180.1	1124.1	1064.7	975.7	890.0	804.3	725.2	639.5	563.7	507.6	474.7
-70°	1018.6	959.2	899.9	827.4	754.9	685.6	623.0	560.4	510.9	481.3	454.9
-72.5°	741.7	715.3	685.6	629.6	570.3	527.4	497.7	471.4	435.1	408.7	392.3
-75°	494.5	458.2	412.0	392.3	395.6	389.0	372.5	352.7	336.2	326.3	303.3
-77.5°	385.7	365.9	342.8	319.7	309.9	300.0	286.8	270.3	257.1	234.0	201.1
-80°	356.0	339.5	323.0	306.6	290.1	267.0	240.6	214.3	201.1	191.2	187.9
-82.5°	293.4	273.6	253.8	237.3	214.3	197.8	181.3	168.1	168.1	164.8	161.5
-85°	168.1	161.5	151.6	145.0	138.4	128.6	118.7	112.1	108.8	105.5	102.2
-87.5°	85.7	82.4	75.8	72.5	69.2	65.9	59.3	56.0	52.7	52.7	49.4
-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: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-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°	16.5	16.5	13.2	13.2	13.2	9.9	6.6	6.6	3.3	3.3	0.0
85°	39.6	33.0	29.7	26.4	26.4	19.8	13.2	9.9	6.6	3.3	3.3
82.5°	75.8	65.9	56.0	49.4	39.6	29.7	23.1	16.5	9.9	6.6	3.3
80°	85.7	85.7	82.4	69.2	56.0	42.9	29.7	19.8	13.2	9.9	6.6
77.5°	65.9	72.5	72.5	72.5	69.2	52.7	36.3	23.1	13.2	9.9	6.6
75°	75.8	65.9	62.6	65.9	62.6	52.7	42.9	26.4	16.5	13.2	6.6
72.5°	92.3	79.1	69.2	65.9	59.3	49.4	39.6	29.7	16.5	13.2	9.9
70°	85.7	82.4	75.8	69.2	59.3	49.4	39.6	29.7	19.8	13.2	9.9
67.5°	75.8	75.8	75.8	69.2	59.3	46.1	36.3	26.4	19.8	13.2	9.9
65°	52.7	62.6	69.2	65.9	59.3	46.1	36.3	26.4	19.8	16.5	9.9
62.5°	33.0	42.9	56.0	62.6	56.0	46.1	33.0	26.4	19.8	16.5	9.9
60°	29.7	33.0	39.6	49.4	52.7	42.9	33.0	23.1	19.8	16.5	9.9
57.5°	29.7	29.7	33.0	39.6	42.9	39.6	29.7	19.8	19.8	16.5	13.2
55°	33.0	29.7	29.7	33.0	36.3	36.3	29.7	19.8	19.8	16.5	13.2
52.5°	39.6	33.0	29.7	29.7	29.7	33.0	26.4	19.8	19.8	16.5	13.2
50°	49.4	39.6	36.3	29.7	29.7	29.7	26.4	19.8	16.5	16.5	13.2
47.5°	65.9	52.7	39.6	36.3	29.7	26.4	23.1	19.8	16.5	16.5	13.2
45°	98.9	62.6	52.7	39.6	33.0	29.7	26.4	19.8	16.5	16.5	13.2
42.5°	135.2	92.3	65.9	46.1	36.3	29.7	26.4	23.1	16.5	16.5	13.2
40°	171.4	125.3	82.4	59.3	42.9	33.0	26.4	23.1	19.8	16.5	13.2
37.5°	211.0	154.9	108.8	75.8	49.4	36.3	29.7	23.1	19.8	16.5	13.2
35°	260.4	194.5	135.2	92.3	59.3	42.9	33.0	23.1	19.8	16.5	13.2
32.5°	316.4	230.7	161.5	112.1	75.8	52.7	36.3	26.4	19.8	16.5	13.2
30°	369.2	273.6	191.2	135.2	92.3	59.3	39.6	26.4	19.8	16.5	9.9
27.5°	421.9	316.4	227.4	158.2	112.1	69.2	42.9	29.7	19.8	16.5	13.2
25°	474.7	359.3	263.7	181.3	128.6	82.4	52.7	33.0	19.8	16.5	13.2
22.5°	520.8	402.2	296.7	207.7	148.3	95.6	59.3	36.3	23.1	16.5	13.2
20°	573.6	448.3	332.9	237.3	164.8	108.8	65.9	39.6	23.1	16.5	13.2
17.5°	623.0	494.5	369.2	263.7	184.6	122.0	75.8	42.9	26.4	16.5	13.2
15°	672.5	537.3	402.2	290.1	204.4	135.2	82.4	46.1	29.7	16.5	13.2
12.5°	718.6	576.9	431.8	313.2	220.9	148.3	89.0	49.4	33.0	16.5	13.2
10°	761.5	613.1	461.5	332.9	237.3	158.2	95.6	56.0	36.3	16.5	13.2
7.5°	804.3	642.8	484.6	352.7	257.1	171.4	102.2	59.3	39.6	19.8	13.2
5°	830.7	669.2	504.3	369.2	273.6	184.6	108.8	62.6	42.9	19.8	13.2
2.5°	853.8	688.9	517.5	385.7	290.1	194.5	108.8	65.9	46.1	19.8	13.2
0°	866.9	702.1	527.4	395.6	303.3	201.1	112.1	69.2	49.4	19.8	13.2
-2.5°	896.6	725.2	550.5	408.7	316.4	220.9	118.7	72.5	52.7	23.1	13.2
-5°	916.4	738.4	567.0	421.9	326.3	240.6	128.6	79.1	59.3	29.7	16.5
-7.5°	932.9	751.6	580.2	428.5	336.2	247.2	131.9	82.4	62.6	33.0	16.5
-10°	936.2	758.2	590.0	438.4	342.8	257.1	135.2	85.7	65.9	36.3	16.5
-12.5°	939.5	764.8	593.3	445.0	349.4	263.7	138.4	89.0	69.2	39.6	16.5
-15°	936.2	761.5	593.3	451.6	352.7	257.1	145.0	92.3	72.5	42.9	16.5
-17.5°	929.6	758.2	590.0	448.3	349.4	250.5	148.3	98.9	72.5	46.1	19.8
-20°	919.7	748.3	583.5	445.0	346.1	243.9	151.6	102.2	75.8	46.1	19.8

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	903.2	731.8	570.3	435.1	339.5	237.3	151.6	108.8	79.1	46.1	19.8
-25°	883.4	715.3	557.1	421.9	329.6	227.4	151.6	112.1	82.4	46.1	19.8
-27.5°	860.3	698.8	537.3	412.0	316.4	220.9	151.6	115.4	85.7	46.1	19.8
-30°	834.0	675.8	520.8	395.6	306.6	220.9	154.9	118.7	89.0	46.1	19.8
-32.5°	807.6	652.7	501.0	382.4	293.4	217.6	154.9	122.0	92.3	42.9	23.1
-35°	777.9	626.3	484.6	372.5	283.5	211.0	158.2	122.0	89.0	42.9	23.1
-37.5°	741.7	593.3	468.1	362.6	276.9	204.4	158.2	125.3	85.7	42.9	23.1
-40°	702.1	567.0	448.3	349.4	267.0	201.1	158.2	125.3	82.4	42.9	26.4
-42.5°	659.3	537.3	428.5	336.2	257.1	197.8	158.2	125.3	79.1	42.9	26.4
-45°	619.7	507.6	405.5	319.7	247.2	197.8	158.2	122.0	72.5	46.1	26.4
-47.5°	576.9	474.7	379.1	303.3	243.9	194.5	154.9	115.4	65.9	46.1	26.4
-50°	540.6	441.7	359.3	286.8	237.3	197.8	158.2	105.5	65.9	46.1	26.4
-52.5°	504.3	418.6	336.2	280.2	230.7	201.1	154.9	98.9	65.9	46.1	26.4
-55°	474.7	395.6	323.0	270.3	237.3	207.7	148.3	89.0	65.9	46.1	26.4
-57.5°	451.6	382.4	313.2	273.6	247.2	201.1	138.4	85.7	65.9	42.9	26.4
-60°	435.1	369.2	316.4	286.8	250.5	191.2	131.9	85.7	65.9	42.9	23.1
-62.5°	421.9	372.5	332.9	296.7	237.3	178.0	125.3	85.7	59.3	39.6	23.1
-65°	425.2	385.7	339.5	283.5	227.4	164.8	115.4	82.4	56.0	36.3	23.1
-67.5°	435.1	375.8	319.7	267.0	204.4	148.3	105.5	75.8	52.7	36.3	23.1
-70°	402.2	346.1	290.1	227.4	174.7	128.6	98.9	69.2	46.1	33.0	23.1
-72.5°	362.6	290.1	230.7	184.6	148.3	118.7	89.0	62.6	42.9	29.7	19.8
-75°	263.7	211.0	171.4	154.9	131.9	105.5	79.1	56.0	39.6	29.7	19.8
-77.5°	187.9	174.7	158.2	141.7	118.7	92.3	69.2	52.7	36.3	26.4	16.5
-80°	184.6	168.1	148.3	122.0	98.9	79.1	59.3	46.1	33.0	23.1	13.2
-82.5°	154.9	131.9	112.1	92.3	75.8	62.6	49.4	36.3	26.4	16.5	9.9
-85°	95.6	82.4	72.5	62.6	52.7	42.9	33.0	23.1	16.5	9.9	6.6
-87.5°	46.1	42.9	36.3	29.7	26.4	19.8	16.5	13.2	9.9	6.6	3.3
-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: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-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°	3.3	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	6.6	3.3	3.3	0.0
67.5°	6.6	3.3	3.3	0.0
65°	6.6	3.3	3.3	0.0
62.5°	6.6	3.3	3.3	0.0
60°	6.6	3.3	3.3	0.0
57.5°	6.6	3.3	3.3	0.0
55°	6.6	3.3	3.3	0.0
52.5°	6.6	3.3	3.3	0.0
50°	6.6	3.3	3.3	0.0
47.5°	6.6	6.6	3.3	0.0
45°	6.6	6.6	3.3	0.0
42.5°	6.6	6.6	3.3	0.0
40°	6.6	6.6	3.3	0.0
37.5°	6.6	6.6	3.3	0.0
35°	6.6	6.6	3.3	0.0
32.5°	9.9	6.6	3.3	0.0
30°	9.9	6.6	6.6	0.0
27.5°	9.9	6.6	6.6	0.0
25°	9.9	6.6	6.6	0.0
22.5°	9.9	6.6	6.6	0.0
20°	9.9	6.6	6.6	0.0
17.5°	9.9	6.6	6.6	0.0
15°	9.9	6.6	6.6	0.0
12.5°	9.9	6.6	6.6	0.0
10°	9.9	6.6	6.6	0.0
7.5°	9.9	6.6	6.6	0.0
5°	9.9	6.6	6.6	0.0
2.5°	9.9	6.6	6.6	0.0
0°	9.9	6.6	6.6	0.0
-2.5°	9.9	6.6	6.6	0.0
-5°	9.9	6.6	6.6	0.0
-7.5°	9.9	6.6	6.6	0.0
-10°	9.9	6.6	6.6	0.0
-12.5°	13.2	6.6	6.6	0.0
-15°	13.2	6.6	6.6	0.0
-17.5°	13.2	6.6	6.6	0.0
-20°	13.2	6.6	6.6	0.0

REPORT NUMBER: P723729

CATALOG NUMBER: IFLD-S-SA3E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.2	6.6	6.6	0.0
-25°	13.2	6.6	6.6	0.0
-27.5°	13.2	6.6	6.6	0.0
-30°	13.2	6.6	6.6	0.0
-32.5°	13.2	6.6	6.6	0.0
-35°	13.2	6.6	6.6	0.0
-37.5°	13.2	6.6	6.6	0.0
-40°	13.2	6.6	6.6	0.0
-42.5°	9.9	6.6	3.3	0.0
-45°	13.2	6.6	3.3	0.0
-47.5°	13.2	6.6	3.3	0.0
-50°	13.2	6.6	3.3	0.0
-52.5°	13.2	6.6	3.3	0.0
-55°	13.2	6.6	3.3	0.0
-57.5°	13.2	6.6	3.3	0.0
-60°	13.2	6.6	3.3	0.0
-62.5°	13.2	6.6	3.3	0.0
-65°	13.2	6.6	3.3	0.0
-67.5°	13.2	6.6	3.3	0.0
-70°	13.2	3.3	3.3	0.0
-72.5°	9.9	3.3	3.3	0.0
-75°	9.9	3.3	3.3	0.0
-77.5°	6.6	3.3	0.0	0.0
-80°	6.6	3.3	0.0	0.0
-82.5°	6.6	3.3	0.0	0.0
-85°	3.3	0.0	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)