

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: P723766

Luminaire Tested: **IFLD-M-SA4C-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723766
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15396.1 lumens	Max Intensity:	362215.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	5583.3 lumens	Field Lumens:	8900.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

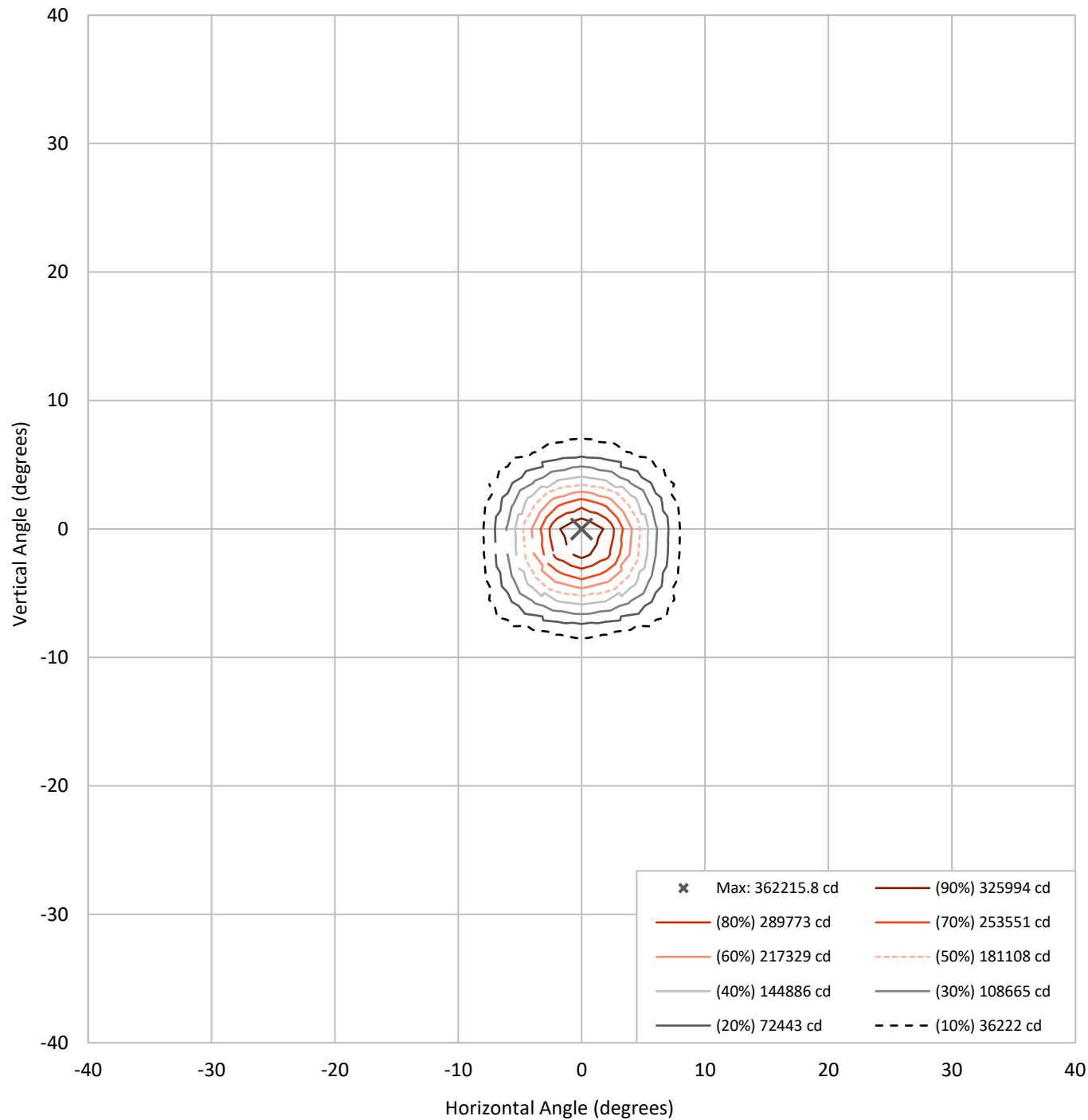
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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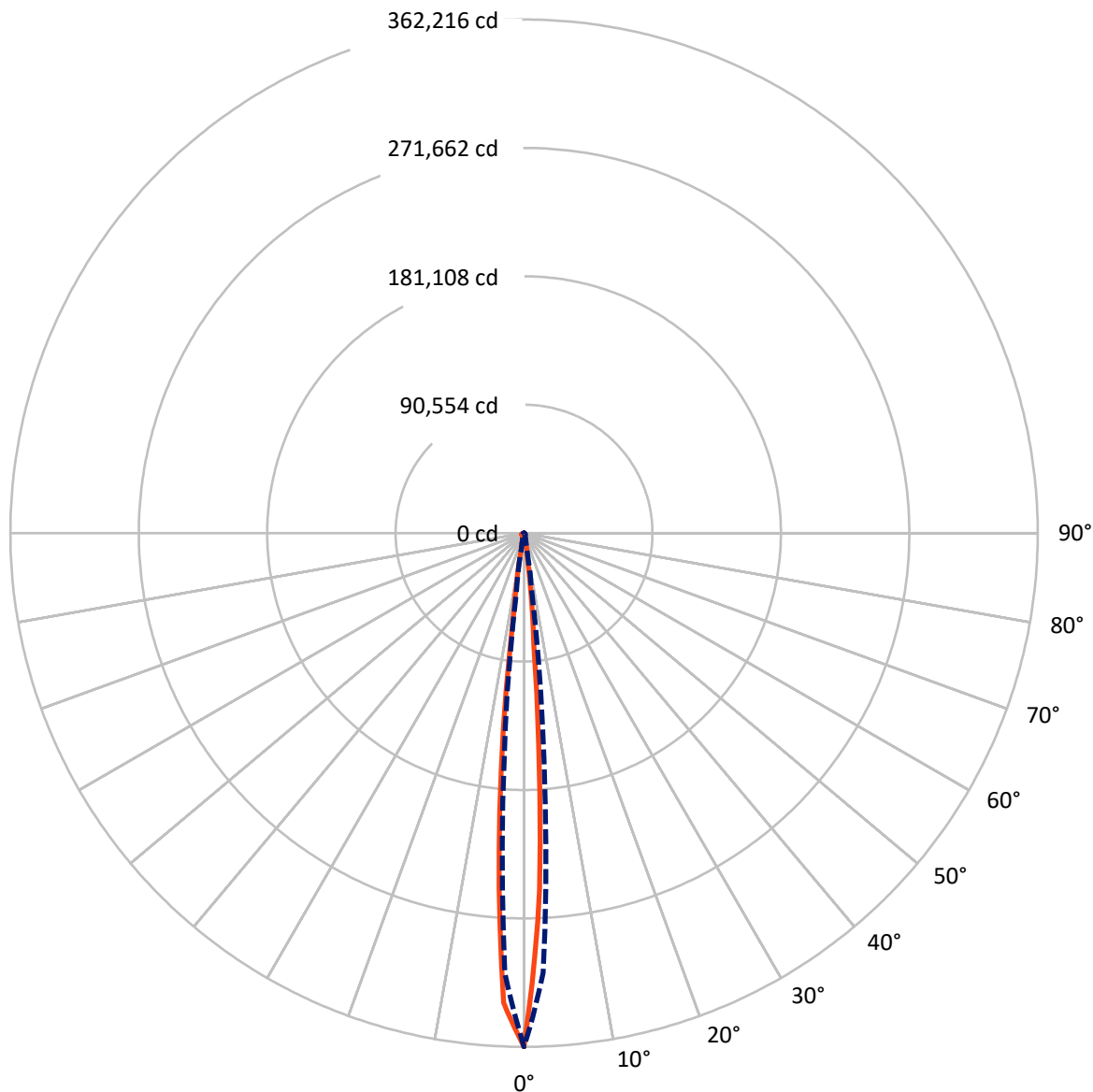
Lumen Table

90																			
80	0.3		3.4		3.7		1.4		0.4		1.4		3.7		3.4		0.3		
70	0.4		0.8	1.0	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	1.0	0.8	0.4		
60			0.5	0.7	1.8	4.0	6.5	8.3	9.6	9.6	8.3	6.5	4.0	1.8	0.7	0.5			
50	0.4		0.5	2.1	7.0	13.8	20.2	24.3	26.9	26.9	24.3	20.2	13.8	7.0	2.1	0.5	0.4		
40			1.0	5.3	14.4	23.4	27.5	29.7	30.7	30.7	29.7	27.5	23.4	14.4	5.3	1.0			
30	0.6		2.0	9.1	21.0	27.1	27.9	33.0	39.7	39.7	33.0	27.9	27.1	21.0	9.1	2.0	0.6		
20			3.1	12.8	25.7	28.9	32.6	57.3	97.7	97.7	57.3	32.6	28.9	25.7	12.8	3.1			
10	1.0		4.1	15.7	28.3	30.0	40.3	109.1	2021.1	2021.1	109.1	40.3	30.0	28.3	15.7	4.1	1.0		
0			4.8	17.2	29.7	31.1	41.6	117.5	2947.0	2947.0	117.5	41.6	31.1	29.7	17.2	4.8			
-10	1.5		5.1	17.6	31.3	33.7	37.6	68.3	131.1	131.1	68.3	37.6	33.7	31.3	17.6	5.1	1.5		
-20			4.8	16.8	31.7	37.8	37.8	44.2	54.0	54.0	44.2	37.8	37.8	31.7	16.8	4.8			
-30	1.6		4.3	14.8	30.3	41.6	45.3	47.2	47.5	47.5	47.2	45.3	41.6	30.3	14.8	4.3	1.6		
-40			3.7	11.9	25.7	40.1	48.7	54.6	57.3	57.3	54.6	48.7	40.1	25.7	11.9	3.7			
-50	1.3		3.4	9.2	19.9	34.2	45.9	53.3	56.4	56.4	53.3	45.9	34.2	19.9	9.2	3.4	1.3		
-60			3.1	8.1	16.3	28.5	40.1	48.6	52.5	52.5	48.6	40.1	28.5	16.3	8.1	3.1			
-70	0.6																0.6		
-80			9.5		28.4		52.5		58.0		52.5		28.4		9.5				
-90	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



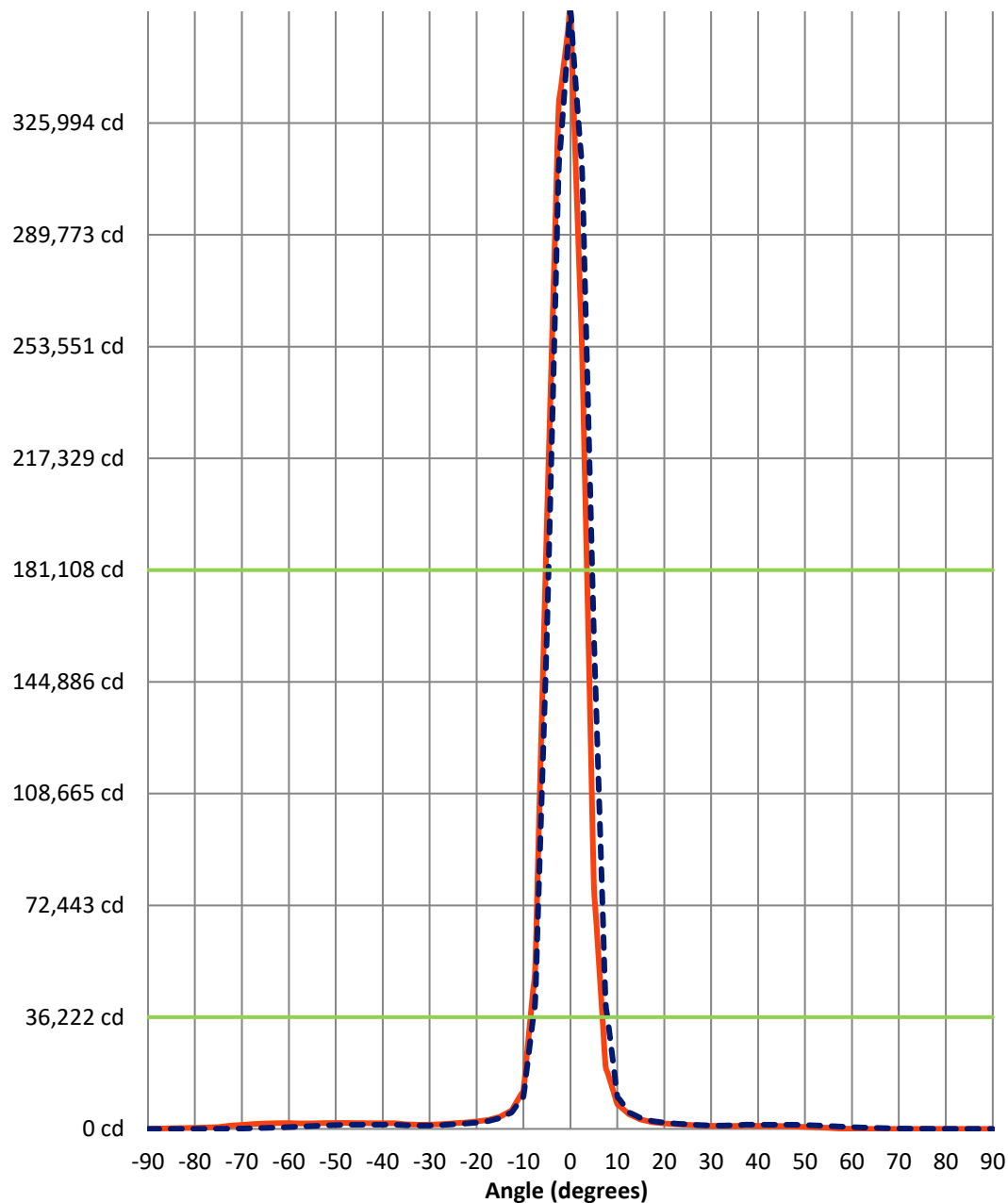
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5583.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8900.8

Efficiency: 57.8%

Spill:

Lumens: 6495.3

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	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
85°	0.0	3.6	3.6	7.1	7.1	7.1	10.7	14.2	17.8	17.8	21.3
82.5°	0.0	3.6	3.6	7.1	7.1	10.7	10.7	17.8	21.3	24.9	32.0
80°	3.6	3.6	3.6	7.1	7.1	10.7	10.7	14.2	17.8	24.9	28.4
77.5°	0.0	3.6	3.6	3.6	7.1	7.1	7.1	10.7	14.2	17.8	21.3
75°	0.0	3.6	3.6	3.6	7.1	7.1	7.1	7.1	10.7	10.7	14.2
72.5°	0.0	0.0	0.0	3.6	3.6	7.1	7.1	7.1	10.7	10.7	10.7
70°	0.0	0.0	0.0	3.6	3.6	7.1	7.1	7.1	10.7	10.7	10.7
67.5°	0.0	0.0	0.0	3.6	3.6	7.1	7.1	7.1	10.7	10.7	10.7
65°	0.0	0.0	0.0	3.6	3.6	7.1	7.1	10.7	10.7	10.7	10.7
62.5°	3.6	3.6	3.6	7.1	10.7	10.7	14.2	17.8	17.8	17.8	17.8
60°	35.5	39.1	42.6	42.6	39.1	39.1	42.6	42.6	42.6	42.6	42.6
57.5°	96.0	103.1	106.6	106.6	106.6	103.1	117.3	120.8	106.6	99.5	110.2
55°	334.1	344.8	337.6	327.0	305.7	280.8	273.7	270.1	273.7	255.9	227.5
52.5°	486.9	497.6	494.0	486.9	472.7	454.9	440.7	426.5	412.3	383.8	351.9
50°	632.6	636.2	632.6	625.5	611.3	593.5	565.1	533.1	504.7	497.6	469.1
47.5°	796.1	806.8	806.8	803.2	792.6	760.6	717.9	671.7	650.4	643.3	614.9
45°	941.8	949.0	952.5	956.1	952.5	920.5	881.4	856.5	810.3	796.1	796.1
42.5°	980.9	984.5	988.0	991.6	1002.3	977.4	945.4	902.7	892.1	888.5	881.4
40°	995.2	988.0	991.6	995.2	998.7	980.9	956.1	931.2	924.1	917.0	917.0
37.5°	1130.2	1098.2	1073.3	1052.0	1034.3	1016.5	991.6	970.3	952.5	938.3	952.5
35°	963.2	963.2	988.0	1009.4	1030.7	1052.0	1055.6	1030.7	991.6	973.8	998.7
32.5°	984.5	984.5	984.5	991.6	998.7	1016.5	1034.3	1044.9	1073.3	1041.4	1041.4
30°	1005.8	1009.4	1016.5	1020.0	1009.4	1002.3	995.2	995.2	1012.9	1059.1	1084.0
27.5°	1130.2	1130.2	1119.6	1105.3	1073.3	1023.6	998.7	963.2	966.7	988.0	1048.5
25°	1332.8	1325.7	1300.8	1265.3	1208.4	1137.3	1069.8	995.2	963.2	952.5	977.4
22.5°	1524.7	1514.1	1482.1	1450.1	1403.9	1332.8	1219.1	1105.3	1005.8	963.2	952.5
20°	1770.0	1745.1	1709.5	1659.8	1585.1	1514.1	1414.5	1265.3	1119.6	1009.4	966.7
17.5°	2164.5	2132.5	2065.0	1976.1	1848.1	1738.0	1595.8	1453.6	1290.1	1112.4	1016.5
15°	3028.1	2946.4	2829.1	2583.9	2331.5	2121.8	1908.6	1670.4	1503.4	1268.8	1123.1
12.5°	4762.5	4538.6	4197.4	3625.2	3060.1	2573.2	2228.4	1922.8	1652.7	1435.9	1229.7
10°	8060.8	7581.0	6639.1	5075.3	4033.9	3138.3	2519.9	2111.2	1770.0	1546.0	1318.6
7.5°	20386.5	16629.8	11767.7	8035.9	5277.9	3834.9	2882.4	2288.9	1894.4	1617.1	1389.7
5°	79456.2	65452.9	34915.8	14571.9	7939.9	4638.1	3209.4	2431.0	1976.1	1670.4	1443.0
2.5°	252169.2	217765.2	114251.1	31368.8	9749.0	5224.6	3433.3	2519.9	2022.3	1709.5	1482.1
0°	362215.8	310432.1	160344.7	41256.4	10573.5	5373.8	3504.4	2537.7	2029.4	1716.6	1482.1
-2.5°	331365.9	290010.1	154892.6	38391.7	10804.6	5416.5	3561.2	2598.1	2082.7	1748.6	1492.7
-5°	196895.4	172705.9	108049.2	27373.9	9599.7	5029.1	3412.0	2544.8	2047.2	1730.9	1485.6
-7.5°	51876.1	44910.0	29541.9	14284.1	6212.6	4254.3	3134.7	2455.9	2001.0	1698.9	1457.2
-10°	12507.0	11853.0	10587.8	6489.8	4837.2	3554.1	2779.3	2296.0	1908.6	1656.2	1411.0
-12.5°	6031.4	5889.2	5345.4	4407.1	3589.7	2953.5	2516.3	2128.9	1823.3	1581.6	1347.0
-15°	3923.8	3842.0	3657.2	3298.2	2882.4	2576.7	2271.1	1958.3	1716.6	1471.4	1293.7
-17.5°	2903.7	2900.2	2807.8	2672.7	2466.6	2239.1	2015.2	1816.2	1581.6	1371.9	1236.8
-20°	2406.1	2406.1	2352.8	2264.0	2118.3	1969.0	1819.7	1634.9	1443.0	1286.6	1229.7

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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°	2043.6	2047.2	2018.7	1961.9	1883.7	1759.3	1613.6	1464.3	1325.7	1268.8	1251.1
-25°	1809.1	1801.9	1770.0	1716.6	1634.9	1535.4	1439.4	1339.9	1300.8	1286.6	1311.5
-27.5°	1531.8	1542.5	1528.3	1503.4	1450.1	1379.0	1357.7	1329.2	1336.4	1357.7	1453.6
-30°	1368.3	1379.0	1393.2	1403.9	1386.1	1368.3	1375.4	1396.8	1443.0	1524.7	1560.3
-32.5°	1368.3	1371.9	1393.2	1414.5	1425.2	1439.4	1478.5	1549.6	1617.1	1595.8	1588.7
-35°	1492.7	1482.1	1510.5	1538.9	1578.0	1627.8	1670.4	1656.2	1631.3	1624.2	1631.3
-37.5°	1848.1	1780.6	1752.2	1734.4	1723.8	1716.6	1706.0	1695.3	1684.7	1677.6	1688.2
-40°	1844.6	1826.8	1809.1	1794.8	1784.2	1770.0	1762.8	1759.3	1748.6	1741.5	1734.4
-42.5°	1837.5	1844.6	1844.6	1841.0	1844.6	1841.0	1830.4	1816.2	1798.4	1784.2	1770.0
-45°	1890.8	1894.4	1901.5	1908.6	1919.2	1905.0	1883.7	1858.8	1833.9	1812.6	1794.8
-47.5°	1922.8	1926.3	1933.4	1944.1	1951.2	1937.0	1908.6	1876.6	1837.5	1801.9	1766.4
-50°	1933.4	1944.1	1947.7	1947.7	1944.1	1926.3	1883.7	1837.5	1794.8	1759.3	1727.3
-52.5°	1883.7	1894.4	1897.9	1890.8	1887.2	1869.5	1830.4	1787.7	1741.5	1716.6	1688.2
-55°	1801.9	1816.2	1826.8	1826.8	1826.8	1823.3	1787.7	1748.6	1713.1	1684.7	1656.2
-57.5°	1770.0	1794.8	1816.2	1819.7	1823.3	1826.8	1801.9	1762.8	1720.2	1677.6	1642.0
-60°	1887.2	1908.6	1919.2	1905.0	1894.4	1883.7	1844.6	1798.4	1755.7	1713.1	1645.6
-62.5°	1855.3	1890.8	1908.6	1897.9	1883.7	1865.9	1823.3	1770.0	1720.2	1674.0	1606.5
-65°	1752.2	1784.2	1805.5	1787.7	1766.4	1741.5	1702.4	1652.7	1606.5	1560.3	1499.8
-67.5°	1578.0	1624.2	1659.8	1620.7	1592.3	1560.3	1528.3	1485.6	1439.4	1386.1	1329.2
-70°	1304.4	1339.9	1371.9	1361.2	1354.1	1347.0	1325.7	1283.0	1243.9	1201.3	1151.5
-72.5°	1048.5	1080.5	1108.9	1091.1	1076.9	1055.6	1023.6	977.4	931.2	885.0	838.8
-75°	579.3	590.0	600.6	597.1	597.1	597.1	597.1	600.6	593.5	582.9	561.6
-77.5°	444.3	458.5	469.1	476.3	486.9	501.1	511.8	494.0	476.3	458.5	437.2
-80°	348.3	362.5	373.2	412.3	440.7	472.7	494.0	469.1	444.3	422.9	405.2
-82.5°	263.0	273.7	284.3	305.7	319.9	337.6	351.9	351.9	348.3	344.8	334.1
-85°	191.9	206.1	220.4	227.5	238.1	238.1	241.7	227.5	213.2	202.6	188.4
-87.5°	110.2	113.7	113.7	113.7	117.3	117.3	117.3	110.2	106.6	99.5	96.0
-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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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°	3.6	3.6	3.6	7.1	7.1	10.7	10.7	14.2	14.2	17.8	17.8
85°	21.3	21.3	21.3	24.9	24.9	28.4	32.0	35.5	39.1	39.1	42.6
82.5°	35.5	39.1	42.6	46.2	49.8	53.3	56.9	60.4	71.1	78.2	81.7
80°	35.5	39.1	49.8	56.9	64.0	71.1	71.1	71.1	71.1	74.6	81.7
77.5°	24.9	28.4	32.0	39.1	56.9	71.1	81.7	88.9	81.7	78.2	71.1
75°	14.2	17.8	21.3	24.9	35.5	49.8	67.5	85.3	99.5	96.0	88.9
72.5°	14.2	14.2	17.8	21.3	24.9	28.4	32.0	49.8	71.1	88.9	99.5
70°	14.2	17.8	17.8	21.3	24.9	28.4	32.0	39.1	49.8	71.1	92.4
67.5°	14.2	17.8	17.8	24.9	32.0	35.5	39.1	35.5	32.0	46.2	67.5
65°	14.2	14.2	17.8	21.3	24.9	28.4	39.1	39.1	35.5	35.5	35.5
62.5°	21.3	21.3	21.3	21.3	24.9	24.9	24.9	32.0	32.0	32.0	32.0
60°	42.6	39.1	39.1	39.1	39.1	32.0	32.0	32.0	28.4	32.0	28.4
57.5°	103.1	85.3	78.2	78.2	67.5	64.0	53.3	39.1	39.1	32.0	32.0
55°	209.7	199.0	167.0	138.6	124.4	110.2	85.3	71.1	53.3	42.6	39.1
52.5°	323.4	295.0	266.6	231.0	195.5	167.0	142.2	110.2	88.9	64.0	49.8
50°	422.9	398.1	366.1	327.0	280.8	245.2	209.7	167.0	131.5	99.5	71.1
47.5°	575.8	526.0	486.9	440.7	387.4	337.6	291.4	241.7	184.8	145.7	110.2
45°	739.3	668.2	614.9	572.2	501.1	433.6	380.3	327.0	259.5	191.9	149.3
42.5°	853.0	799.7	728.6	671.7	607.8	536.7	465.6	408.7	337.6	259.5	191.9
40°	913.4	877.9	821.0	771.2	703.7	625.5	550.9	494.0	419.4	334.1	241.7
37.5°	959.6	941.8	913.4	874.3	810.3	717.9	643.3	575.8	511.8	412.3	312.8
35°	1012.9	1009.4	991.6	973.8	920.5	831.7	742.8	664.6	586.4	494.0	383.8
32.5°	1062.7	1059.1	1048.5	1041.4	1020.0	941.8	845.9	757.0	668.2	572.2	451.4
30°	1087.6	1080.5	1080.5	1087.6	1066.2	1016.5	945.4	849.4	749.9	636.2	522.5
27.5°	1087.6	1080.5	1084.0	1094.7	1091.1	1066.2	1012.9	934.7	824.6	696.6	586.4
25°	1041.4	1076.9	1076.9	1091.1	1094.7	1087.6	1059.1	1009.4	895.6	760.6	636.2
22.5°	977.4	1062.7	1094.7	1091.1	1094.7	1112.4	1116.0	1069.8	963.2	824.6	685.9
20°	977.4	1037.8	1130.2	1105.3	1112.4	1151.5	1169.3	1130.2	1034.3	885.0	735.7
17.5°	998.7	1037.8	1116.0	1155.1	1165.8	1197.7	1226.2	1201.3	1098.2	949.0	803.2
15°	1059.1	1052.0	1105.3	1201.3	1219.1	1243.9	1275.9	1247.5	1155.1	1020.0	867.2
12.5°	1101.8	1062.7	1105.3	1208.4	1265.3	1290.1	1300.8	1279.5	1204.9	1084.0	931.2
10°	1158.6	1091.1	1112.4	1201.3	1283.0	1300.8	1311.5	1304.4	1251.1	1137.3	988.0
7.5°	1201.3	1105.3	1105.3	1190.6	1300.8	1315.0	1322.1	1329.2	1290.1	1183.5	1037.8
5°	1219.1	1105.3	1098.2	1180.0	1318.6	1332.8	1332.8	1343.5	1318.6	1219.1	1073.3
2.5°	1222.6	1101.8	1091.1	1172.9	1350.6	1350.6	1343.5	1354.1	1339.9	1240.4	1098.2
0°	1240.4	1098.2	1087.6	1183.5	1386.1	1371.9	1354.1	1357.7	1350.6	1251.1	1112.4
-2.5°	1240.4	1116.0	1101.8	1190.6	1382.6	1379.0	1371.9	1375.4	1368.3	1283.0	1140.9
-5°	1258.2	1140.9	1126.7	1222.6	1379.0	1389.7	1393.2	1393.2	1382.6	1304.4	1158.6
-7.5°	1261.7	1158.6	1155.1	1254.6	1386.1	1403.9	1414.5	1421.7	1400.3	1318.6	1172.9
-10°	1243.9	1165.8	1183.5	1293.7	1393.2	1418.1	1439.4	1450.1	1414.5	1325.7	1180.0
-12.5°	1204.9	1165.8	1212.0	1343.5	1411.0	1439.4	1471.4	1475.0	1428.8	1329.2	1183.5
-15°	1201.3	1194.2	1261.7	1393.2	1421.7	1457.2	1507.0	1496.3	1439.4	1329.2	1183.5
-17.5°	1197.7	1233.3	1336.4	1411.0	1439.4	1478.5	1517.6	1507.0	1446.5	1329.2	1176.4
-20°	1229.7	1297.3	1425.2	1428.8	1460.7	1503.4	1524.7	1503.4	1435.9	1318.6	1165.8

REPORT NUMBER: P723766

CATALOG NUMBER: IFLD-M-SA4C-750-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°	1283.0	1411.0	1453.6	1467.9	1496.3	1528.3	1538.9	1507.0	1425.2	1300.8	1148.0
-25°	1418.1	1482.1	1482.1	1514.1	1542.5	1556.7	1546.0	1510.5	1411.0	1283.0	1130.2
-27.5°	1521.2	1517.6	1535.4	1567.4	1592.3	1592.3	1563.8	1492.7	1389.7	1265.3	1105.3
-30°	1560.3	1563.8	1588.7	1624.2	1631.3	1613.6	1570.9	1478.5	1371.9	1236.8	1073.3
-32.5°	1599.4	1613.6	1645.6	1663.3	1666.9	1631.3	1553.2	1453.6	1343.5	1204.9	1037.8
-35°	1645.6	1674.0	1691.8	1695.3	1677.6	1617.1	1528.3	1421.7	1300.8	1158.6	1005.8
-37.5°	1706.0	1720.2	1730.9	1716.6	1666.9	1595.8	1485.6	1379.0	1261.7	1108.9	959.6
-40°	1745.1	1752.2	1755.7	1709.5	1649.1	1546.0	1439.4	1329.2	1194.2	1052.0	909.9
-42.5°	1770.0	1762.8	1734.4	1684.7	1595.8	1496.3	1393.2	1268.8	1133.8	995.2	856.5
-45°	1762.8	1738.0	1695.3	1634.9	1542.5	1443.0	1322.1	1197.7	1069.8	934.7	796.1
-47.5°	1734.4	1695.3	1642.0	1570.9	1485.6	1364.8	1243.9	1123.1	998.7	867.2	739.3
-50°	1698.9	1652.7	1588.7	1499.8	1386.1	1275.9	1165.8	1048.5	920.5	799.7	685.9
-52.5°	1659.8	1610.0	1528.3	1428.8	1304.4	1190.6	1084.0	970.3	853.0	739.3	639.7
-55°	1617.1	1567.4	1475.0	1361.2	1236.8	1112.4	1009.4	913.4	799.7	689.5	600.6
-57.5°	1595.8	1531.8	1435.9	1322.1	1190.6	1062.7	973.8	870.8	767.7	654.0	568.7
-60°	1578.0	1514.1	1425.2	1293.7	1169.3	1048.5	945.4	845.9	735.7	629.1	543.8
-62.5°	1528.3	1460.7	1379.0	1251.1	1130.2	1020.0	927.6	810.3	703.7	604.2	526.0
-65°	1428.8	1357.7	1286.6	1172.9	1062.7	959.6	867.2	760.6	661.1	575.8	508.2
-67.5°	1272.4	1212.0	1148.0	1052.0	959.6	867.2	781.9	689.5	607.8	547.3	511.8
-70°	1098.2	1034.3	970.3	892.1	813.9	739.3	671.7	604.2	550.9	518.9	490.5
-72.5°	799.7	771.2	739.3	678.8	614.9	568.7	536.7	508.2	469.1	440.7	422.9
-75°	533.1	494.0	444.3	422.9	426.5	419.4	401.6	380.3	362.5	351.9	327.0
-77.5°	415.8	394.5	369.6	344.8	334.1	323.4	309.2	291.4	277.2	252.3	216.8
-80°	383.8	366.1	348.3	330.5	312.8	287.9	259.5	231.0	216.8	206.1	202.6
-82.5°	316.3	295.0	273.7	255.9	231.0	213.2	195.5	181.3	181.3	177.7	174.2
-85°	181.3	174.2	163.5	156.4	149.3	138.6	127.9	120.8	117.3	113.7	110.2
-87.5°	92.4	88.9	81.7	78.2	74.6	71.1	64.0	60.4	56.9	56.9	53.3
-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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CATALOG NUMBER: IFLD-M-SA4C-750-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°	17.8	17.8	14.2	14.2	14.2	10.7	7.1	7.1	3.6	3.6	0.0
85°	42.6	35.5	32.0	28.4	28.4	21.3	14.2	10.7	7.1	3.6	3.6
82.5°	81.7	71.1	60.4	53.3	42.6	32.0	24.9	17.8	10.7	7.1	3.6
80°	92.4	92.4	88.9	74.6	60.4	46.2	32.0	21.3	14.2	10.7	7.1
77.5°	71.1	78.2	78.2	78.2	74.6	56.9	39.1	24.9	14.2	10.7	7.1
75°	81.7	71.1	67.5	71.1	67.5	56.9	46.2	28.4	17.8	14.2	7.1
72.5°	99.5	85.3	74.6	71.1	64.0	53.3	42.6	32.0	17.8	14.2	10.7
70°	92.4	88.9	81.7	74.6	64.0	53.3	42.6	32.0	21.3	14.2	10.7
67.5°	81.7	81.7	81.7	74.6	64.0	49.8	39.1	28.4	21.3	14.2	10.7
65°	56.9	67.5	74.6	71.1	64.0	49.8	39.1	28.4	21.3	17.8	10.7
62.5°	35.5	46.2	60.4	67.5	60.4	49.8	35.5	28.4	21.3	17.8	10.7
60°	32.0	35.5	42.6	53.3	56.9	46.2	35.5	24.9	21.3	17.8	10.7
57.5°	32.0	32.0	35.5	42.6	46.2	42.6	32.0	21.3	21.3	17.8	14.2
55°	35.5	32.0	32.0	35.5	39.1	39.1	32.0	21.3	21.3	17.8	14.2
52.5°	42.6	35.5	32.0	32.0	32.0	35.5	28.4	21.3	21.3	17.8	14.2
50°	53.3	42.6	39.1	32.0	32.0	32.0	28.4	21.3	17.8	17.8	14.2
47.5°	71.1	56.9	42.6	39.1	32.0	28.4	24.9	21.3	17.8	17.8	14.2
45°	106.6	67.5	56.9	42.6	35.5	32.0	28.4	21.3	17.8	17.8	14.2
42.5°	145.7	99.5	71.1	49.8	39.1	32.0	28.4	24.9	17.8	17.8	14.2
40°	184.8	135.1	88.9	64.0	46.2	35.5	28.4	24.9	21.3	17.8	14.2
37.5°	227.5	167.0	117.3	81.7	53.3	39.1	32.0	24.9	21.3	17.8	14.2
35°	280.8	209.7	145.7	99.5	64.0	46.2	35.5	24.9	21.3	17.8	14.2
32.5°	341.2	248.8	174.2	120.8	81.7	56.9	39.1	28.4	21.3	17.8	14.2
30°	398.1	295.0	206.1	145.7	99.5	64.0	42.6	28.4	21.3	17.8	10.7
27.5°	454.9	341.2	245.2	170.6	120.8	74.6	46.2	32.0	21.3	17.8	14.2
25°	511.8	387.4	284.3	195.5	138.6	88.9	56.9	35.5	21.3	17.8	14.2
22.5°	561.6	433.6	319.9	223.9	159.9	103.1	64.0	39.1	24.9	17.8	14.2
20°	618.4	483.4	359.0	255.9	177.7	117.3	71.1	42.6	24.9	17.8	14.2
17.5°	671.7	533.1	398.1	284.3	199.0	131.5	81.7	46.2	28.4	17.8	14.2
15°	725.0	579.3	433.6	312.8	220.4	145.7	88.9	49.8	32.0	17.8	14.2
12.5°	774.8	622.0	465.6	337.6	238.1	159.9	96.0	53.3	35.5	17.8	14.2
10°	821.0	661.1	497.6	359.0	255.9	170.6	103.1	60.4	39.1	17.8	14.2
7.5°	867.2	693.1	522.5	380.3	277.2	184.8	110.2	64.0	42.6	21.3	14.2
5°	895.6	721.5	543.8	398.1	295.0	199.0	117.3	67.5	46.2	21.3	14.2
2.5°	920.5	742.8	558.0	415.8	312.8	209.7	117.3	71.1	49.8	21.3	14.2
0°	934.7	757.0	568.7	426.5	327.0	216.8	120.8	74.6	53.3	21.3	14.2
-2.5°	966.7	781.9	593.5	440.7	341.2	238.1	127.9	78.2	56.9	24.9	14.2
-5°	988.0	796.1	611.3	454.9	351.9	259.5	138.6	85.3	64.0	32.0	17.8
-7.5°	1005.8	810.3	625.5	462.0	362.5	266.6	142.2	88.9	67.5	35.5	17.8
-10°	1009.4	817.5	636.2	472.7	369.6	277.2	145.7	92.4	71.1	39.1	17.8
-12.5°	1012.9	824.6	639.7	479.8	376.7	284.3	149.3	96.0	74.6	42.6	17.8
-15°	1009.4	821.0	639.7	486.9	380.3	277.2	156.4	99.5	78.2	46.2	17.8
-17.5°	1002.3	817.5	636.2	483.4	376.7	270.1	159.9	106.6	78.2	49.8	21.3
-20°	991.6	806.8	629.1	479.8	373.2	263.0	163.5	110.2	81.7	49.8	21.3



REPORT NUMBER: P723766

CATALOG NUMBER: IFLD-M-SA4C-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	973.8	789.0	614.9	469.1	366.1	255.9	163.5	117.3	85.3	49.8	21.3
-25°	952.5	771.2	600.6	454.9	355.4	245.2	163.5	120.8	88.9	49.8	21.3
-27.5°	927.6	753.5	579.3	444.3	341.2	238.1	163.5	124.4	92.4	49.8	21.3
-30°	899.2	728.6	561.6	426.5	330.5	238.1	167.0	127.9	96.0	49.8	21.3
-32.5°	870.8	703.7	540.2	412.3	316.3	234.6	167.0	131.5	99.5	46.2	24.9
-35°	838.8	675.3	522.5	401.6	305.7	227.5	170.6	131.5	96.0	46.2	24.9
-37.5°	799.7	639.7	504.7	391.0	298.5	220.4	170.6	135.1	92.4	46.2	24.9
-40°	757.0	611.3	483.4	376.7	287.9	216.8	170.6	135.1	88.9	46.2	28.4
-42.5°	710.8	579.3	462.0	362.5	277.2	213.2	170.6	135.1	85.3	46.2	28.4
-45°	668.2	547.3	437.2	344.8	266.6	213.2	170.6	131.5	78.2	49.8	28.4
-47.5°	622.0	511.8	408.7	327.0	263.0	209.7	167.0	124.4	71.1	49.8	28.4
-50°	582.9	476.3	387.4	309.2	255.9	213.2	170.6	113.7	71.1	49.8	28.4
-52.5°	543.8	451.4	362.5	302.1	248.8	216.8	167.0	106.6	71.1	49.8	28.4
-55°	511.8	426.5	348.3	291.4	255.9	223.9	159.9	96.0	71.1	49.8	28.4
-57.5°	486.9	412.3	337.6	295.0	266.6	216.8	149.3	92.4	71.1	46.2	28.4
-60°	469.1	398.1	341.2	309.2	270.1	206.1	142.2	92.4	71.1	46.2	24.9
-62.5°	454.9	401.6	359.0	319.9	255.9	191.9	135.1	92.4	64.0	42.6	24.9
-65°	458.5	415.8	366.1	305.7	245.2	177.7	124.4	88.9	60.4	39.1	24.9
-67.5°	469.1	405.2	344.8	287.9	220.4	159.9	113.7	81.7	56.9	39.1	24.9
-70°	433.6	373.2	312.8	245.2	188.4	138.6	106.6	74.6	49.8	35.5	24.9
-72.5°	391.0	312.8	248.8	199.0	159.9	127.9	96.0	67.5	46.2	32.0	21.3
-75°	284.3	227.5	184.8	167.0	142.2	113.7	85.3	60.4	42.6	32.0	21.3
-77.5°	202.6	188.4	170.6	152.8	127.9	99.5	74.6	56.9	39.1	28.4	17.8
-80°	199.0	181.3	159.9	131.5	106.6	85.3	64.0	49.8	35.5	24.9	14.2
-82.5°	167.0	142.2	120.8	99.5	81.7	67.5	53.3	39.1	28.4	17.8	10.7
-85°	103.1	88.9	78.2	67.5	56.9	46.2	35.5	24.9	17.8	10.7	7.1
-87.5°	49.8	46.2	39.1	32.0	28.4	21.3	17.8	14.2	10.7	7.1	3.6
-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: P723766

CATALOG NUMBER: IFLD-M-SA4C-750-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°	3.6	0.0	0.0	0.0
80°	3.6	0.0	0.0	0.0
77.5°	3.6	0.0	0.0	0.0
75°	3.6	3.6	0.0	0.0
72.5°	3.6	3.6	0.0	0.0
70°	7.1	3.6	3.6	0.0
67.5°	7.1	3.6	3.6	0.0
65°	7.1	3.6	3.6	0.0
62.5°	7.1	3.6	3.6	0.0
60°	7.1	3.6	3.6	0.0
57.5°	7.1	3.6	3.6	0.0
55°	7.1	3.6	3.6	0.0
52.5°	7.1	3.6	3.6	0.0
50°	7.1	3.6	3.6	0.0
47.5°	7.1	7.1	3.6	0.0
45°	7.1	7.1	3.6	0.0
42.5°	7.1	7.1	3.6	0.0
40°	7.1	7.1	3.6	0.0
37.5°	7.1	7.1	3.6	0.0
35°	7.1	7.1	3.6	0.0
32.5°	10.7	7.1	3.6	0.0
30°	10.7	7.1	7.1	0.0
27.5°	10.7	7.1	7.1	0.0
25°	10.7	7.1	7.1	0.0
22.5°	10.7	7.1	7.1	0.0
20°	10.7	7.1	7.1	0.0
17.5°	10.7	7.1	7.1	0.0
15°	10.7	7.1	7.1	0.0
12.5°	10.7	7.1	7.1	0.0
10°	10.7	7.1	7.1	0.0
7.5°	10.7	7.1	7.1	0.0
5°	10.7	7.1	7.1	0.0
2.5°	10.7	7.1	7.1	0.0
0°	10.7	7.1	7.1	0.0
-2.5°	10.7	7.1	7.1	0.0
-5°	10.7	7.1	7.1	0.0
-7.5°	10.7	7.1	7.1	0.0
-10°	10.7	7.1	7.1	0.0
-12.5°	14.2	7.1	7.1	0.0
-15°	14.2	7.1	7.1	0.0
-17.5°	14.2	7.1	7.1	0.0
-20°	14.2	7.1	7.1	0.0

REPORT NUMBER: P723766

CATALOG NUMBER: IFLD-M-SA4C-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.2	7.1	7.1	0.0
-25°	14.2	7.1	7.1	0.0
-27.5°	14.2	7.1	7.1	0.0
-30°	14.2	7.1	7.1	0.0
-32.5°	14.2	7.1	7.1	0.0
-35°	14.2	7.1	7.1	0.0
-37.5°	14.2	7.1	7.1	0.0
-40°	14.2	7.1	7.1	0.0
-42.5°	10.7	7.1	3.6	0.0
-45°	14.2	7.1	3.6	0.0
-47.5°	14.2	7.1	3.6	0.0
-50°	14.2	7.1	3.6	0.0
-52.5°	14.2	7.1	3.6	0.0
-55°	14.2	7.1	3.6	0.0
-57.5°	14.2	7.1	3.6	0.0
-60°	14.2	7.1	3.6	0.0
-62.5°	14.2	7.1	3.6	0.0
-65°	14.2	7.1	3.6	0.0
-67.5°	14.2	7.1	3.6	0.0
-70°	14.2	3.6	3.6	0.0
-72.5°	10.7	3.6	3.6	0.0
-75°	10.7	3.6	3.6	0.0
-77.5°	7.1	3.6	0.0	0.0
-80°	7.1	3.6	0.0	0.0
-82.5°	7.1	3.6	0.0	0.0
-85°	3.6	0.0	0.0	0.0
-87.5°	3.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)