

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: P723758

Luminaire Tested: **IFLD-S-SA3E-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723758
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14606.4 lumens	Max Intensity:	343636.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.9 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:	5296.9 lumens	Field Lumens:	8444.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

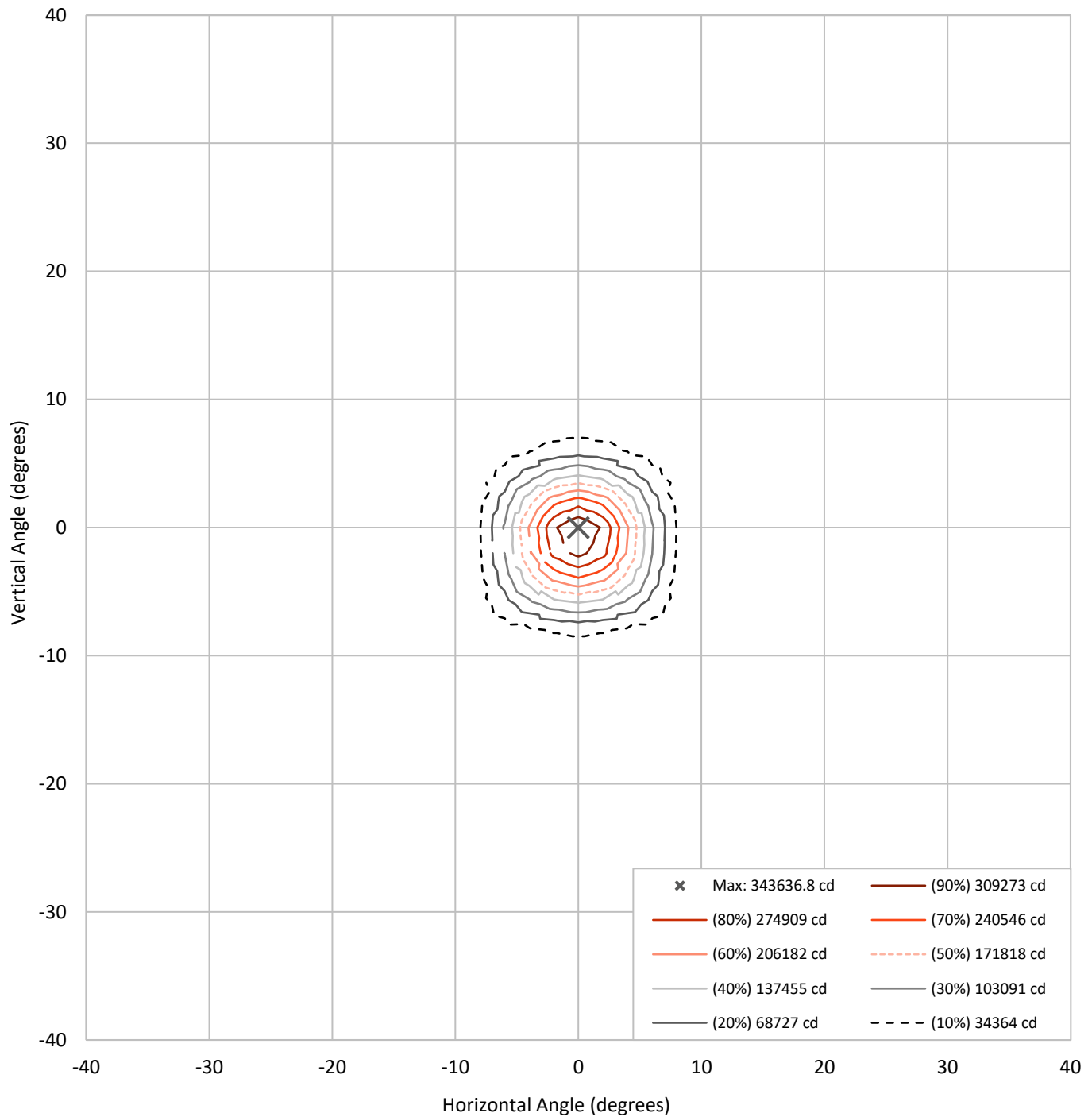
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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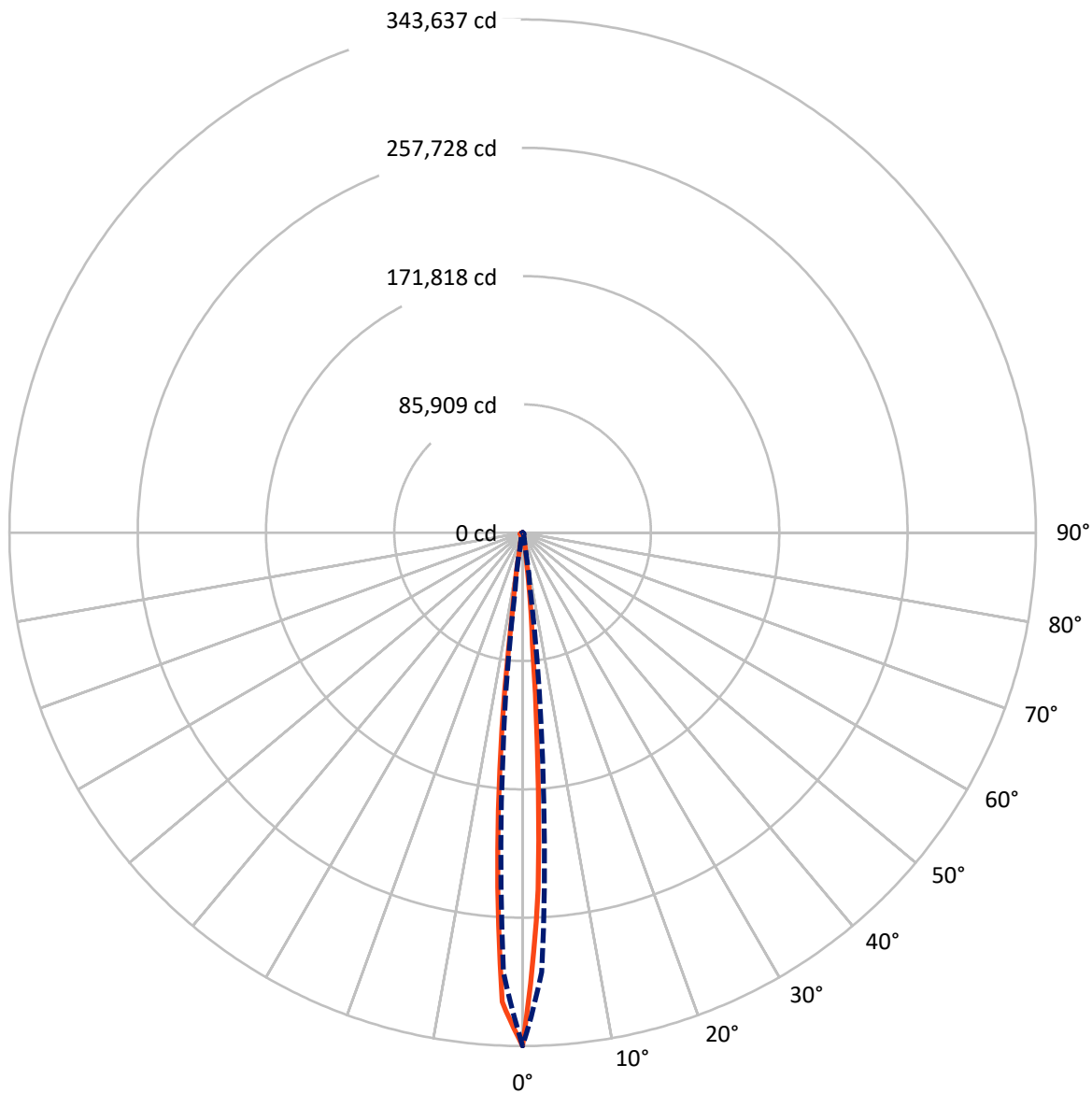
Lumen Table

90																		
80	0.2		3.2		3.5		1.4		0.4		1.4		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	0.7	1.7	3.8	6.2	7.9	9.1	9.1	7.9	6.2	3.8	1.7	0.7	0.5		
50	0.4		0.5	2.0	6.6	13.1	19.2	23.1	25.5	25.5	23.1	19.2	13.1	6.6	2.0	0.5	0.4	
40			1.0	5.1	13.7	22.2	26.1	28.2	29.2	29.2	28.2	26.1	22.2	13.7	5.1	1.0		
30	0.6		1.9	8.7	19.9	25.7	26.5	31.3	37.7	37.7	31.3	26.5	25.7	19.9	8.7	1.9	0.6	
20			3.0	12.1	24.4	27.4	31.0	54.4	92.7	92.7	54.4	31.0	27.4	24.4	12.1	3.0		
10	1.0		3.9	14.9	26.8	28.5	38.2	103.5	1917.5	1917.5	103.5	38.2	28.5	26.8	14.9	3.9	1.0	
0			4.5	16.3	28.2	29.5	39.5	111.5	2795.8	2795.8	111.5	39.5	29.5	28.2	16.3	4.5		
-10	1.4		4.8	16.7	29.7	31.9	35.6	64.8	124.4	124.4	64.8	35.6	31.9	29.7	16.7	4.8	1.4	
-20			4.5	15.9	30.1	35.8	35.9	42.0	51.2	51.2	42.0	35.9	35.8	30.1	15.9	4.5		
-30	1.5		4.0	14.0	28.7	39.4	43.0	44.7	45.1	45.1	44.7	43.0	39.4	28.7	14.0	4.0	1.5	
-40			3.5	11.3	24.4	38.0	46.2	51.8	54.3	54.3	51.8	46.2	38.0	24.4	11.3	3.5		
-50	1.2		3.2	8.7	18.9	32.4	43.5	50.6	53.5	53.5	50.6	43.5	32.4	18.9	8.7	3.2	1.2	
-60			3.0	7.7	15.4	27.1	38.1	46.1	49.8	49.8	46.1	38.1	27.1	15.4	7.7	3.0		
-70	0.6		9.0		26.9		49.8		55.0		49.8		26.9		9.0		0.6	
-80			9.0		26.9		49.8		55.0		49.8		26.9		9.0			
-90																		
Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



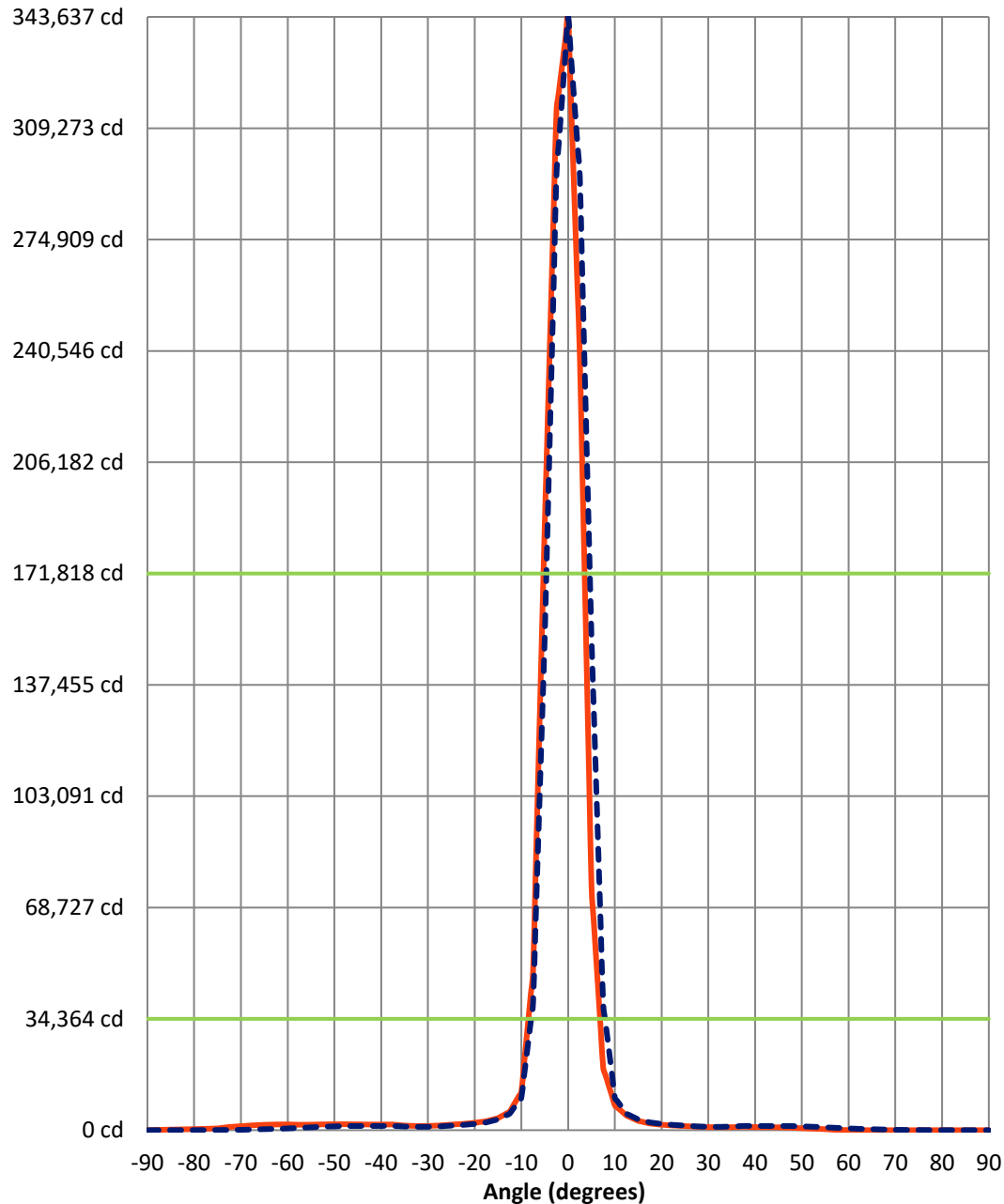
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 5296.9
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 8444.2
Efficiency: 57.8%

Spill:

Lumens: 6162.1
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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	6.7	6.7	6.7	10.1	13.5	16.9	16.9	20.2
82.5°	0.0	3.4	3.4	6.7	6.7	10.1	10.1	16.9	20.2	23.6	30.3
80°	3.4	3.4	3.4	6.7	6.7	10.1	10.1	13.5	16.9	23.6	27.0
77.5°	0.0	3.4	3.4	3.4	6.7	6.7	6.7	10.1	13.5	16.9	20.2
75°	0.0	3.4	3.4	3.4	6.7	6.7	6.7	6.7	10.1	10.1	13.5
72.5°	0.0	0.0	0.0	3.4	3.4	6.7	6.7	6.7	10.1	10.1	10.1
70°	0.0	0.0	0.0	3.4	3.4	6.7	6.7	6.7	10.1	10.1	10.1
67.5°	0.0	0.0	0.0	3.4	3.4	6.7	6.7	6.7	10.1	10.1	10.1
65°	0.0	0.0	0.0	3.4	3.4	6.7	6.7	10.1	10.1	10.1	10.1
62.5°	3.4	3.4	3.4	6.7	10.1	10.1	13.5	16.9	16.9	16.9	16.9
60°	33.7	37.1	40.5	40.5	37.1	37.1	40.5	40.5	40.5	40.5	40.5
57.5°	91.0	97.8	101.2	101.2	101.2	97.8	111.3	114.6	101.2	94.4	104.5
55°	317.0	327.1	320.3	310.2	290.0	266.4	259.6	256.3	259.6	242.8	215.8
52.5°	461.9	472.1	468.7	461.9	448.5	431.6	418.1	404.6	391.1	364.2	333.8
50°	600.2	603.6	600.2	593.4	580.0	563.1	536.1	505.8	478.8	472.1	445.1
47.5°	755.3	765.4	765.4	762.0	751.9	721.6	681.1	637.3	617.0	610.3	583.3
45°	893.5	900.3	903.7	907.0	903.7	873.3	836.2	812.6	768.8	755.3	755.3
42.5°	930.6	934.0	937.4	940.7	950.9	927.3	896.9	856.4	846.3	843.0	836.2
40°	944.1	937.4	940.7	944.1	947.5	930.6	907.0	883.4	876.7	869.9	869.9
37.5°	1072.2	1041.9	1018.3	998.1	981.2	964.3	940.7	920.5	903.7	890.2	903.7
35°	913.8	913.8	937.4	957.6	977.8	998.1	1001.4	977.8	940.7	923.9	947.5
32.5°	934.0	934.0	934.0	940.7	947.5	964.3	981.2	991.3	1018.3	987.9	987.9
30°	954.2	957.6	964.3	967.7	957.6	950.9	944.1	944.1	961.0	1004.8	1028.4
27.5°	1072.2	1072.2	1062.1	1048.6	1018.3	971.1	947.5	913.8	917.1	937.4	994.7
25°	1264.4	1257.7	1234.1	1200.4	1146.4	1079.0	1014.9	944.1	913.8	903.7	927.3
22.5°	1446.5	1436.4	1406.1	1375.7	1331.9	1264.4	1156.5	1048.6	954.2	913.8	903.7
20°	1679.2	1655.6	1621.9	1574.6	1503.8	1436.4	1342.0	1200.4	1062.1	957.6	917.1
17.5°	2053.4	2023.1	1959.0	1874.7	1753.4	1648.8	1514.0	1379.1	1224.0	1055.4	964.3
15°	2872.8	2795.2	2684.0	2451.3	2211.9	2013.0	1810.7	1584.8	1426.3	1203.7	1065.5
12.5°	4518.3	4305.8	3982.1	3439.3	2903.1	2441.2	2114.1	1824.2	1567.9	1362.2	1166.7
10°	7647.3	7192.1	6298.6	4815.0	3827.0	2977.3	2390.6	2002.9	1679.2	1466.7	1250.9
7.5°	19340.8	15776.8	11164.1	7623.7	5007.2	3638.2	2734.6	2171.5	1797.2	1534.2	1318.4
5°	75380.7	62095.6	33124.9	13824.5	7532.7	4400.2	3044.8	2306.3	1874.7	1584.8	1369.0
2.5°	239234.8	206595.5	108390.9	29759.8	9248.9	4956.6	3257.2	2390.6	1918.6	1621.9	1406.1
0°	343636.8	294509.2	152120.2	39140.2	10031.2	5098.2	3324.6	2407.5	1925.3	1628.6	1406.1
-2.5°	314369.3	275134.7	146947.8	36422.5	10250.4	5138.7	3378.6	2464.8	1975.9	1658.9	1416.2
-5°	186796.1	163847.4	102507.0	25969.8	9107.3	4771.1	3237.0	2414.2	1942.2	1642.1	1409.4
-7.5°	49215.2	42606.5	28026.7	13551.4	5894.0	4036.1	2974.0	2329.9	1898.3	1611.7	1382.5
-10°	11865.5	11245.1	10044.7	6157.0	4589.1	3371.8	2636.8	2178.2	1810.7	1571.3	1338.6
-12.5°	5722.0	5587.1	5071.2	4181.1	3405.5	2802.0	2387.3	2019.7	1729.7	1500.5	1277.9
-15°	3722.5	3644.9	3469.6	3129.1	2734.6	2444.6	2154.6	1857.9	1628.6	1395.9	1227.3
-17.5°	2754.8	2751.4	2663.7	2535.6	2340.1	2124.3	1911.8	1723.0	1500.5	1301.5	1173.4
-20°	2282.7	2282.7	2232.2	2147.9	2009.6	1868.0	1726.4	1551.0	1369.0	1220.6	1166.7

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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°	1938.8	1942.2	1915.2	1861.3	1787.1	1669.1	1530.8	1389.2	1257.7	1203.7	1186.9
-25°	1716.3	1709.5	1679.2	1628.6	1551.0	1456.6	1365.6	1271.2	1234.1	1220.6	1244.2
-27.5°	1453.3	1463.4	1449.9	1426.3	1375.7	1308.3	1288.0	1261.1	1267.8	1288.0	1379.1
-30°	1298.2	1308.3	1321.8	1331.9	1315.0	1298.2	1304.9	1325.1	1369.0	1446.5	1480.2
-32.5°	1298.2	1301.5	1321.8	1342.0	1352.1	1365.6	1402.7	1470.1	1534.2	1514.0	1507.2
-35°	1416.2	1406.1	1433.0	1460.0	1497.1	1544.3	1584.8	1571.3	1547.7	1540.9	1547.7
-37.5°	1753.4	1689.3	1662.3	1645.5	1635.3	1628.6	1618.5	1608.4	1598.2	1591.5	1601.6
-40°	1750.0	1733.1	1716.3	1702.8	1692.7	1679.2	1672.4	1669.1	1658.9	1652.2	1645.5
-42.5°	1743.2	1750.0	1750.0	1746.6	1750.0	1746.6	1736.5	1723.0	1706.1	1692.7	1679.2
-45°	1793.8	1797.2	1803.9	1810.7	1820.8	1807.3	1787.1	1763.5	1739.9	1719.6	1702.8
-47.5°	1824.2	1827.5	1834.3	1844.4	1851.1	1837.6	1810.7	1780.3	1743.2	1709.5	1675.8
-50°	1834.3	1844.4	1847.8	1847.8	1844.4	1827.5	1787.1	1743.2	1702.8	1669.1	1638.7
-52.5°	1787.1	1797.2	1800.6	1793.8	1790.4	1773.6	1736.5	1696.0	1652.2	1628.6	1601.6
-55°	1709.5	1723.0	1733.1	1733.1	1733.1	1729.7	1696.0	1658.9	1625.2	1598.2	1571.3
-57.5°	1679.2	1702.8	1723.0	1726.4	1729.7	1733.1	1709.5	1672.4	1632.0	1591.5	1557.8
-60°	1790.4	1810.7	1820.8	1807.3	1797.2	1787.1	1750.0	1706.1	1665.7	1625.2	1561.2
-62.5°	1760.1	1793.8	1810.7	1800.6	1787.1	1770.2	1729.7	1679.2	1632.0	1588.1	1524.1
-65°	1662.3	1692.7	1712.9	1696.0	1675.8	1652.2	1615.1	1567.9	1524.1	1480.2	1422.9
-67.5°	1497.1	1540.9	1574.6	1537.6	1510.6	1480.2	1449.9	1409.4	1365.6	1315.0	1261.1
-70°	1237.5	1271.2	1301.5	1291.4	1284.7	1277.9	1257.7	1217.2	1180.1	1139.7	1092.5
-72.5°	994.7	1025.0	1052.0	1035.2	1021.7	1001.4	971.1	927.3	883.4	839.6	795.8
-75°	549.6	559.7	569.8	566.5	566.5	566.5	566.5	569.8	563.1	553.0	532.7
-77.5°	421.5	435.0	445.1	451.8	461.9	475.4	485.5	468.7	451.8	435.0	414.7
-80°	330.4	343.9	354.0	391.1	418.1	448.5	468.7	445.1	421.5	401.2	384.4
-82.5°	249.5	259.6	269.7	290.0	303.5	320.3	333.8	333.8	330.4	327.1	317.0
-85°	182.1	195.6	209.1	215.8	225.9	225.9	229.3	215.8	202.3	192.2	178.7
-87.5°	104.5	107.9	107.9	107.9	111.3	111.3	111.3	104.5	101.2	94.4	91.0
-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°	3.4	3.4	3.4	6.7	6.7	10.1	10.1	13.5	13.5	16.9	16.9
85°	20.2	20.2	20.2	23.6	23.6	27.0	30.3	33.7	37.1	37.1	40.5
82.5°	33.7	37.1	40.5	43.8	47.2	50.6	53.9	57.3	67.4	74.2	77.6
80°	33.7	37.1	47.2	53.9	60.7	67.4	67.4	67.4	67.4	70.8	77.6
77.5°	23.6	27.0	30.3	37.1	53.9	67.4	77.6	84.3	77.6	74.2	67.4
75°	13.5	16.9	20.2	23.6	33.7	47.2	64.1	80.9	94.4	91.0	84.3
72.5°	13.5	13.5	16.9	20.2	23.6	27.0	30.3	47.2	67.4	84.3	94.4
70°	13.5	16.9	16.9	20.2	23.6	27.0	30.3	37.1	47.2	67.4	87.7
67.5°	13.5	16.9	16.9	23.6	30.3	33.7	37.1	33.7	30.3	43.8	64.1
65°	13.5	13.5	16.9	20.2	23.6	27.0	37.1	37.1	33.7	33.7	33.7
62.5°	20.2	20.2	20.2	20.2	23.6	23.6	23.6	30.3	30.3	30.3	30.3
60°	40.5	37.1	37.1	37.1	37.1	30.3	30.3	30.3	27.0	30.3	27.0
57.5°	97.8	80.9	74.2	74.2	64.1	60.7	50.6	37.1	37.1	30.3	30.3
55°	198.9	188.8	158.5	131.5	118.0	104.5	80.9	67.4	50.6	40.5	37.1
52.5°	306.8	279.9	252.9	219.2	185.5	158.5	134.9	104.5	84.3	60.7	47.2
50°	401.2	377.6	347.3	310.2	266.4	232.7	198.9	158.5	124.8	94.4	67.4
47.5°	546.2	499.0	461.9	418.1	367.5	320.3	276.5	229.3	175.3	138.2	104.5
45°	701.3	633.9	583.3	542.9	475.4	411.4	360.8	310.2	246.1	182.1	141.6
42.5°	809.2	758.7	691.2	637.3	576.6	509.1	441.7	387.8	320.3	246.1	182.1
40°	866.6	832.8	778.9	731.7	667.6	593.4	522.6	468.7	397.9	317.0	229.3
37.5°	910.4	893.5	866.6	829.5	768.8	681.1	610.3	546.2	485.5	391.1	296.7
35°	961.0	957.6	940.7	923.9	873.3	789.0	704.7	630.5	556.4	468.7	364.2
32.5°	1008.2	1004.8	994.7	987.9	967.7	893.5	802.5	718.2	633.9	542.9	428.2
30°	1031.8	1025.0	1025.0	1031.8	1011.5	964.3	896.9	805.9	711.5	603.6	495.7
27.5°	1031.8	1025.0	1028.4	1038.5	1035.2	1011.5	961.0	886.8	782.3	660.9	556.4
25°	987.9	1021.7	1021.7	1035.2	1038.5	1031.8	1004.8	957.6	849.7	721.6	603.6
22.5°	927.3	1008.2	1038.5	1035.2	1038.5	1055.4	1058.8	1014.9	913.8	782.3	650.8
20°	927.3	984.6	1072.2	1048.6	1055.4	1092.5	1109.3	1072.2	981.2	839.6	698.0
17.5°	947.5	984.6	1058.8	1095.8	1106.0	1136.3	1163.3	1139.7	1041.9	900.3	762.0
15°	1004.8	998.1	1048.6	1139.7	1156.5	1180.1	1210.5	1183.5	1095.8	967.7	822.7
12.5°	1045.3	1008.2	1048.6	1146.4	1200.4	1224.0	1234.1	1213.9	1143.1	1028.4	883.4
10°	1099.2	1035.2	1055.4	1139.7	1217.2	1234.1	1244.2	1237.5	1186.9	1079.0	937.4
7.5°	1139.7	1048.6	1048.6	1129.6	1234.1	1247.6	1254.3	1261.1	1224.0	1122.8	984.6
5°	1156.5	1048.6	1041.9	1119.4	1250.9	1264.4	1264.4	1274.6	1250.9	1156.5	1018.3
2.5°	1159.9	1045.3	1035.2	1112.7	1281.3	1281.3	1274.6	1284.7	1271.2	1176.8	1041.9
0°	1176.8	1041.9	1031.8	1122.8	1315.0	1301.5	1284.7	1288.0	1281.3	1186.9	1055.4
-2.5°	1176.8	1058.8	1045.3	1129.6	1311.6	1308.3	1301.5	1304.9	1298.2	1217.2	1082.4
-5°	1193.6	1082.4	1068.9	1159.9	1308.3	1318.4	1321.8	1321.8	1311.6	1237.5	1099.2
-7.5°	1197.0	1099.2	1095.8	1190.3	1315.0	1331.9	1342.0	1348.7	1328.5	1250.9	1112.7
-10°	1180.1	1106.0	1122.8	1227.3	1321.8	1345.4	1365.6	1375.7	1342.0	1257.7	1119.4
-12.5°	1143.1	1106.0	1149.8	1274.6	1338.6	1365.6	1395.9	1399.3	1355.5	1261.1	1122.8
-15°	1139.7	1132.9	1197.0	1321.8	1348.7	1382.5	1429.7	1419.5	1365.6	1261.1	1122.8
-17.5°	1136.3	1170.0	1267.8	1338.6	1365.6	1402.7	1439.8	1429.7	1372.3	1261.1	1116.1
-20°	1166.7	1230.7	1352.1	1355.5	1385.8	1426.3	1446.5	1426.3	1362.2	1250.9	1106.0

REPORT NUMBER: P723758

CATALOG NUMBER: IFLD-S-SA3E-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°	1217.2	1338.6	1379.1	1392.6	1419.5	1449.9	1460.0	1429.7	1352.1	1234.1	1089.1
-25°	1345.4	1406.1	1406.1	1436.4	1463.4	1476.9	1466.7	1433.0	1338.6	1217.2	1072.2
-27.5°	1443.1	1439.8	1456.6	1487.0	1510.6	1510.6	1483.6	1416.2	1318.4	1200.4	1048.6
-30°	1480.2	1483.6	1507.2	1540.9	1547.7	1530.8	1490.3	1402.7	1301.5	1173.4	1018.3
-32.5°	1517.3	1530.8	1561.2	1578.0	1581.4	1547.7	1473.5	1379.1	1274.6	1143.1	984.6
-35°	1561.2	1588.1	1605.0	1608.4	1591.5	1534.2	1449.9	1348.7	1234.1	1099.2	954.2
-37.5°	1618.5	1632.0	1642.1	1628.6	1581.4	1514.0	1409.4	1308.3	1197.0	1052.0	910.4
-40°	1655.6	1662.3	1665.7	1621.9	1564.5	1466.7	1365.6	1261.1	1132.9	998.1	863.2
-42.5°	1679.2	1672.4	1645.5	1598.2	1514.0	1419.5	1321.8	1203.7	1075.6	944.1	812.6
-45°	1672.4	1648.8	1608.4	1551.0	1463.4	1369.0	1254.3	1136.3	1014.9	886.8	755.3
-47.5°	1645.5	1608.4	1557.8	1490.3	1409.4	1294.8	1180.1	1065.5	947.5	822.7	701.3
-50°	1611.7	1567.9	1507.2	1422.9	1315.0	1210.5	1106.0	994.7	873.3	758.7	650.8
-52.5°	1574.6	1527.4	1449.9	1355.5	1237.5	1129.6	1028.4	920.5	809.2	701.3	606.9
-55°	1534.2	1487.0	1399.3	1291.4	1173.4	1055.4	957.6	866.6	758.7	654.1	569.8
-57.5°	1514.0	1453.3	1362.2	1254.3	1129.6	1008.2	923.9	826.1	728.3	620.4	539.5
-60°	1497.1	1436.4	1352.1	1227.3	1109.3	994.7	896.9	802.5	698.0	596.8	515.9
-62.5°	1449.9	1385.8	1308.3	1186.9	1072.2	967.7	880.0	768.8	667.6	573.2	499.0
-65°	1355.5	1288.0	1220.6	1112.7	1008.2	910.4	822.7	721.6	627.2	546.2	482.2
-67.5°	1207.1	1149.8	1089.1	998.1	910.4	822.7	741.8	654.1	576.6	519.3	485.5
-70°	1041.9	981.2	920.5	846.3	772.1	701.3	637.3	573.2	522.6	492.3	465.3
-72.5°	758.7	731.7	701.3	644.0	583.3	539.5	509.1	482.2	445.1	418.1	401.2
-75°	505.8	468.7	421.5	401.2	404.6	397.9	381.0	360.8	343.9	333.8	310.2
-77.5°	394.5	374.3	350.7	327.1	317.0	306.8	293.3	276.5	263.0	239.4	205.7
-80°	364.2	347.3	330.4	313.6	296.7	273.1	246.1	219.2	205.7	195.6	192.2
-82.5°	300.1	279.9	259.6	242.8	219.2	202.3	185.5	172.0	172.0	168.6	165.2
-85°	172.0	165.2	155.1	148.4	141.6	131.5	121.4	114.6	111.3	107.9	104.5
-87.5°	87.7	84.3	77.6	74.2	70.8	67.4	60.7	57.3	53.9	53.9	50.6
-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: P723758

CATALOG NUMBER: IFLD-S-SA3E-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°	16.9	16.9	13.5	13.5	13.5	10.1	6.7	6.7	3.4	3.4	0.0
85°	40.5	33.7	30.3	27.0	27.0	20.2	13.5	10.1	6.7	3.4	3.4
82.5°	77.6	67.4	57.3	50.6	40.5	30.3	23.6	16.9	10.1	6.7	3.4
80°	87.7	87.7	84.3	70.8	57.3	43.8	30.3	20.2	13.5	10.1	6.7
77.5°	67.4	74.2	74.2	74.2	70.8	53.9	37.1	23.6	13.5	10.1	6.7
75°	77.6	67.4	64.1	67.4	64.1	53.9	43.8	27.0	16.9	13.5	6.7
72.5°	94.4	80.9	70.8	67.4	60.7	50.6	40.5	30.3	16.9	13.5	10.1
70°	87.7	84.3	77.6	70.8	60.7	50.6	40.5	30.3	20.2	13.5	10.1
67.5°	77.6	77.6	77.6	70.8	60.7	47.2	37.1	27.0	20.2	13.5	10.1
65°	53.9	64.1	70.8	67.4	60.7	47.2	37.1	27.0	20.2	16.9	10.1
62.5°	33.7	43.8	57.3	64.1	57.3	47.2	33.7	27.0	20.2	16.9	10.1
60°	30.3	33.7	40.5	50.6	53.9	43.8	33.7	23.6	20.2	16.9	10.1
57.5°	30.3	30.3	33.7	40.5	43.8	40.5	30.3	20.2	20.2	16.9	13.5
55°	33.7	30.3	30.3	33.7	37.1	37.1	30.3	20.2	20.2	16.9	13.5
52.5°	40.5	33.7	30.3	30.3	30.3	33.7	27.0	20.2	20.2	16.9	13.5
50°	50.6	40.5	37.1	30.3	30.3	30.3	27.0	20.2	16.9	16.9	13.5
47.5°	67.4	53.9	40.5	37.1	30.3	27.0	23.6	20.2	16.9	16.9	13.5
45°	101.2	64.1	53.9	40.5	33.7	30.3	27.0	20.2	16.9	16.9	13.5
42.5°	138.2	94.4	67.4	47.2	37.1	30.3	27.0	23.6	16.9	16.9	13.5
40°	175.3	128.1	84.3	60.7	43.8	33.7	27.0	23.6	20.2	16.9	13.5
37.5°	215.8	158.5	111.3	77.6	50.6	37.1	30.3	23.6	20.2	16.9	13.5
35°	266.4	198.9	138.2	94.4	60.7	43.8	33.7	23.6	20.2	16.9	13.5
32.5°	323.7	236.0	165.2	114.6	77.6	53.9	37.1	27.0	20.2	16.9	13.5
30°	377.6	279.9	195.6	138.2	94.4	60.7	40.5	27.0	20.2	16.9	10.1
27.5°	431.6	323.7	232.7	161.8	114.6	70.8	43.8	30.3	20.2	16.9	13.5
25°	485.5	367.5	269.7	185.5	131.5	84.3	53.9	33.7	20.2	16.9	13.5
22.5°	532.7	411.4	303.5	212.4	151.7	97.8	60.7	37.1	23.6	16.9	13.5
20°	586.7	458.6	340.6	242.8	168.6	111.3	67.4	40.5	23.6	16.9	13.5
17.5°	637.3	505.8	377.6	269.7	188.8	124.8	77.6	43.8	27.0	16.9	13.5
15°	687.9	549.6	411.4	296.7	209.1	138.2	84.3	47.2	30.3	16.9	13.5
12.5°	735.1	590.1	441.7	320.3	225.9	151.7	91.0	50.6	33.7	16.9	13.5
10°	778.9	627.2	472.1	340.6	242.8	161.8	97.8	57.3	37.1	16.9	13.5
7.5°	822.7	657.5	495.7	360.8	263.0	175.3	104.5	60.7	40.5	20.2	13.5
5°	849.7	684.5	515.9	377.6	279.9	188.8	111.3	64.1	43.8	20.2	13.5
2.5°	873.3	704.7	529.4	394.5	296.7	198.9	111.3	67.4	47.2	20.2	13.5
0°	886.8	718.2	539.5	404.6	310.2	205.7	114.6	70.8	50.6	20.2	13.5
-2.5°	917.1	741.8	563.1	418.1	323.7	225.9	121.4	74.2	53.9	23.6	13.5
-5°	937.4	755.3	580.0	431.6	333.8	246.1	131.5	80.9	60.7	30.3	16.9
-7.5°	954.2	768.8	593.4	438.3	343.9	252.9	134.9	84.3	64.1	33.7	16.9
-10°	957.6	775.5	603.6	448.5	350.7	263.0	138.2	87.7	67.4	37.1	16.9
-12.5°	961.0	782.3	606.9	455.2	357.4	269.7	141.6	91.0	70.8	40.5	16.9
-15°	957.6	778.9	606.9	461.9	360.8	263.0	148.4	94.4	74.2	43.8	16.9
-17.5°	950.9	775.5	603.6	458.6	357.4	256.3	151.7	101.2	74.2	47.2	20.2
-20°	940.7	765.4	596.8	455.2	354.0	249.5	155.1	104.5	77.6	47.2	20.2



REPORT NUMBER: P723758

CATALOG NUMBER: IFLD-S-SA3E-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°	923.9	748.5	583.3	445.1	347.3	242.8	155.1	111.3	80.9	47.2	20.2
-25°	903.7	731.7	569.8	431.6	337.2	232.7	155.1	114.6	84.3	47.2	20.2
-27.5°	880.0	714.8	549.6	421.5	323.7	225.9	155.1	118.0	87.7	47.2	20.2
-30°	853.1	691.2	532.7	404.6	313.6	225.9	158.5	121.4	91.0	47.2	20.2
-32.5°	826.1	667.6	512.5	391.1	300.1	222.5	158.5	124.8	94.4	43.8	23.6
-35°	795.8	640.6	495.7	381.0	290.0	215.8	161.8	124.8	91.0	43.8	23.6
-37.5°	758.7	606.9	478.8	370.9	283.2	209.1	161.8	128.1	87.7	43.8	23.6
-40°	718.2	580.0	458.6	357.4	273.1	205.7	161.8	128.1	84.3	43.8	27.0
-42.5°	674.4	549.6	438.3	343.9	263.0	202.3	161.8	128.1	80.9	43.8	27.0
-45°	633.9	519.3	414.7	327.1	252.9	202.3	161.8	124.8	74.2	47.2	27.0
-47.5°	590.1	485.5	387.8	310.2	249.5	198.9	158.5	118.0	67.4	47.2	27.0
-50°	553.0	451.8	367.5	293.3	242.8	202.3	161.8	107.9	67.4	47.2	27.0
-52.5°	515.9	428.2	343.9	286.6	236.0	205.7	158.5	101.2	67.4	47.2	27.0
-55°	485.5	404.6	330.4	276.5	242.8	212.4	151.7	91.0	67.4	47.2	27.0
-57.5°	461.9	391.1	320.3	279.9	252.9	205.7	141.6	87.7	67.4	43.8	27.0
-60°	445.1	377.6	323.7	293.3	256.3	195.6	134.9	87.7	67.4	43.8	23.6
-62.5°	431.6	381.0	340.6	303.5	242.8	182.1	128.1	87.7	60.7	40.5	23.6
-65°	435.0	394.5	347.3	290.0	232.7	168.6	118.0	84.3	57.3	37.1	23.6
-67.5°	445.1	384.4	327.1	273.1	209.1	151.7	107.9	77.6	53.9	37.1	23.6
-70°	411.4	354.0	296.7	232.7	178.7	131.5	101.2	70.8	47.2	33.7	23.6
-72.5°	370.9	296.7	236.0	188.8	151.7	121.4	91.0	64.1	43.8	30.3	20.2
-75°	269.7	215.8	175.3	158.5	134.9	107.9	80.9	57.3	40.5	30.3	20.2
-77.5°	192.2	178.7	161.8	145.0	121.4	94.4	70.8	53.9	37.1	27.0	16.9
-80°	188.8	172.0	151.7	124.8	101.2	80.9	60.7	47.2	33.7	23.6	13.5
-82.5°	158.5	134.9	114.6	94.4	77.6	64.1	50.6	37.1	27.0	16.9	10.1
-85°	97.8	84.3	74.2	64.1	53.9	43.8	33.7	23.6	16.9	10.1	6.7
-87.5°	47.2	43.8	37.1	30.3	27.0	20.2	16.9	13.5	10.1	6.7	3.4
-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: P723758

CATALOG NUMBER: IFLD-S-SA3E-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°	3.4	0.0	0.0	0.0
80°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	6.7	3.4	3.4	0.0
67.5°	6.7	3.4	3.4	0.0
65°	6.7	3.4	3.4	0.0
62.5°	6.7	3.4	3.4	0.0
60°	6.7	3.4	3.4	0.0
57.5°	6.7	3.4	3.4	0.0
55°	6.7	3.4	3.4	0.0
52.5°	6.7	3.4	3.4	0.0
50°	6.7	3.4	3.4	0.0
47.5°	6.7	6.7	3.4	0.0
45°	6.7	6.7	3.4	0.0
42.5°	6.7	6.7	3.4	0.0
40°	6.7	6.7	3.4	0.0
37.5°	6.7	6.7	3.4	0.0
35°	6.7	6.7	3.4	0.0
32.5°	10.1	6.7	3.4	0.0
30°	10.1	6.7	6.7	0.0
27.5°	10.1	6.7	6.7	0.0
25°	10.1	6.7	6.7	0.0
22.5°	10.1	6.7	6.7	0.0
20°	10.1	6.7	6.7	0.0
17.5°	10.1	6.7	6.7	0.0
15°	10.1	6.7	6.7	0.0
12.5°	10.1	6.7	6.7	0.0
10°	10.1	6.7	6.7	0.0
7.5°	10.1	6.7	6.7	0.0
5°	10.1	6.7	6.7	0.0
2.5°	10.1	6.7	6.7	0.0
0°	10.1	6.7	6.7	0.0
-2.5°	10.1	6.7	6.7	0.0
-5°	10.1	6.7	6.7	0.0
-7.5°	10.1	6.7	6.7	0.0
-10°	10.1	6.7	6.7	0.0
-12.5°	13.5	6.7	6.7	0.0
-15°	13.5	6.7	6.7	0.0
-17.5°	13.5	6.7	6.7	0.0
-20°	13.5	6.7	6.7	0.0

REPORT NUMBER: P723758

CATALOG NUMBER: IFLD-S-SA3E-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.5	6.7	6.7	0.0
-25°	13.5	6.7	6.7	0.0
-27.5°	13.5	6.7	6.7	0.0
-30°	13.5	6.7	6.7	0.0
-32.5°	13.5	6.7	6.7	0.0
-35°	13.5	6.7	6.7	0.0
-37.5°	13.5	6.7	6.7	0.0
-40°	13.5	6.7	6.7	0.0
-42.5°	10.1	6.7	3.4	0.0
-45°	13.5	6.7	3.4	0.0
-47.5°	13.5	6.7	3.4	0.0
-50°	13.5	6.7	3.4	0.0
-52.5°	13.5	6.7	3.4	0.0
-55°	13.5	6.7	3.4	0.0
-57.5°	13.5	6.7	3.4	0.0
-60°	13.5	6.7	3.4	0.0
-62.5°	13.5	6.7	3.4	0.0
-65°	13.5	6.7	3.4	0.0
-67.5°	13.5	6.7	3.4	0.0
-70°	13.5	3.4	3.4	0.0
-72.5°	10.1	3.4	3.4	0.0
-75°	10.1	3.4	3.4	0.0
-77.5°	6.7	3.4	0.0	0.0
-80°	6.7	3.4	0.0	0.0
-82.5°	6.7	3.4	0.0	0.0
-85°	3.4	0.0	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)