

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: P723740

Luminaire Tested: **IFLD-L-SA7A-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723740
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16570.2 lumens	Max Intensity:	389837.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	6009 lumens	Field Lumens:	9579.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

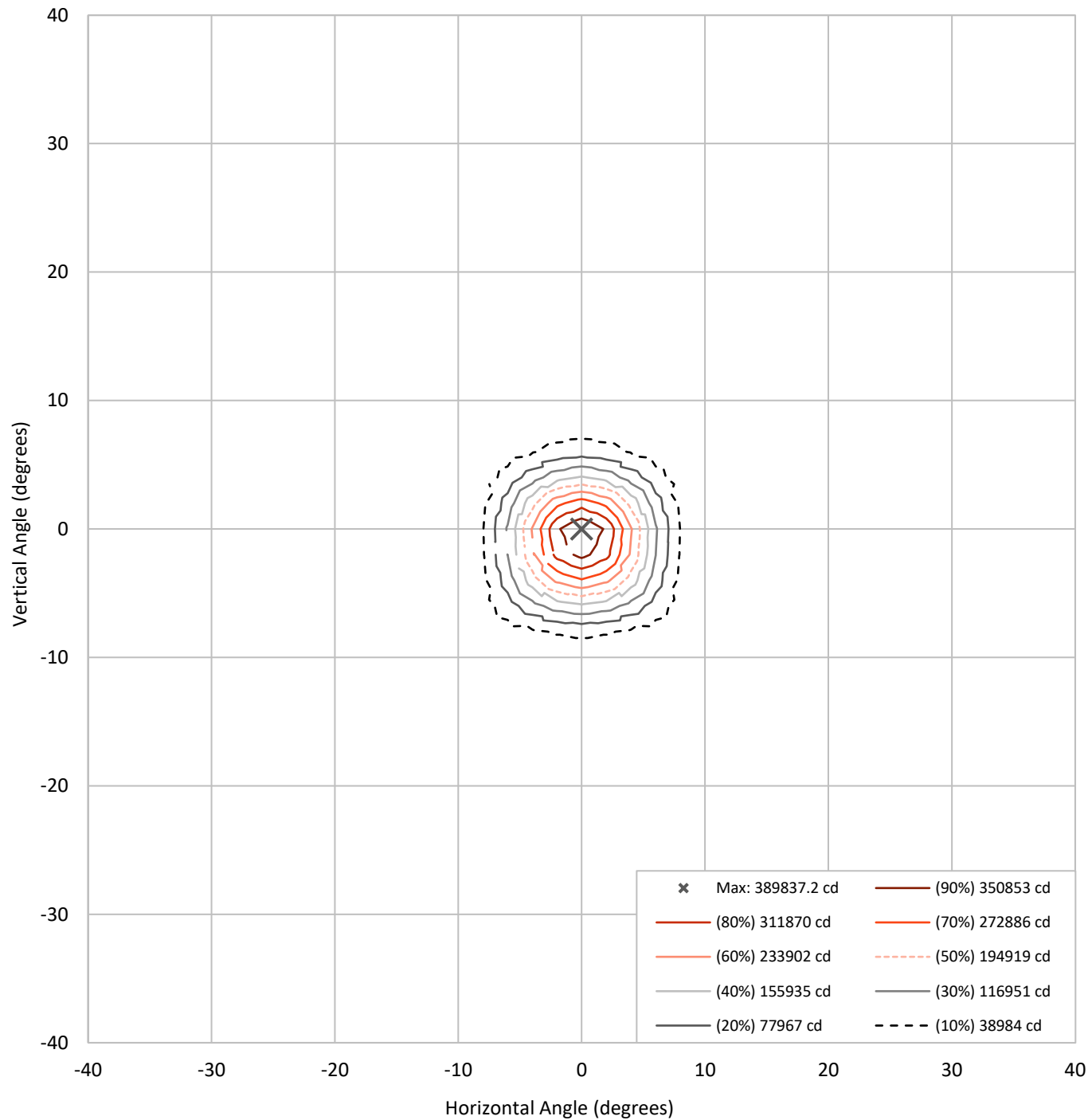
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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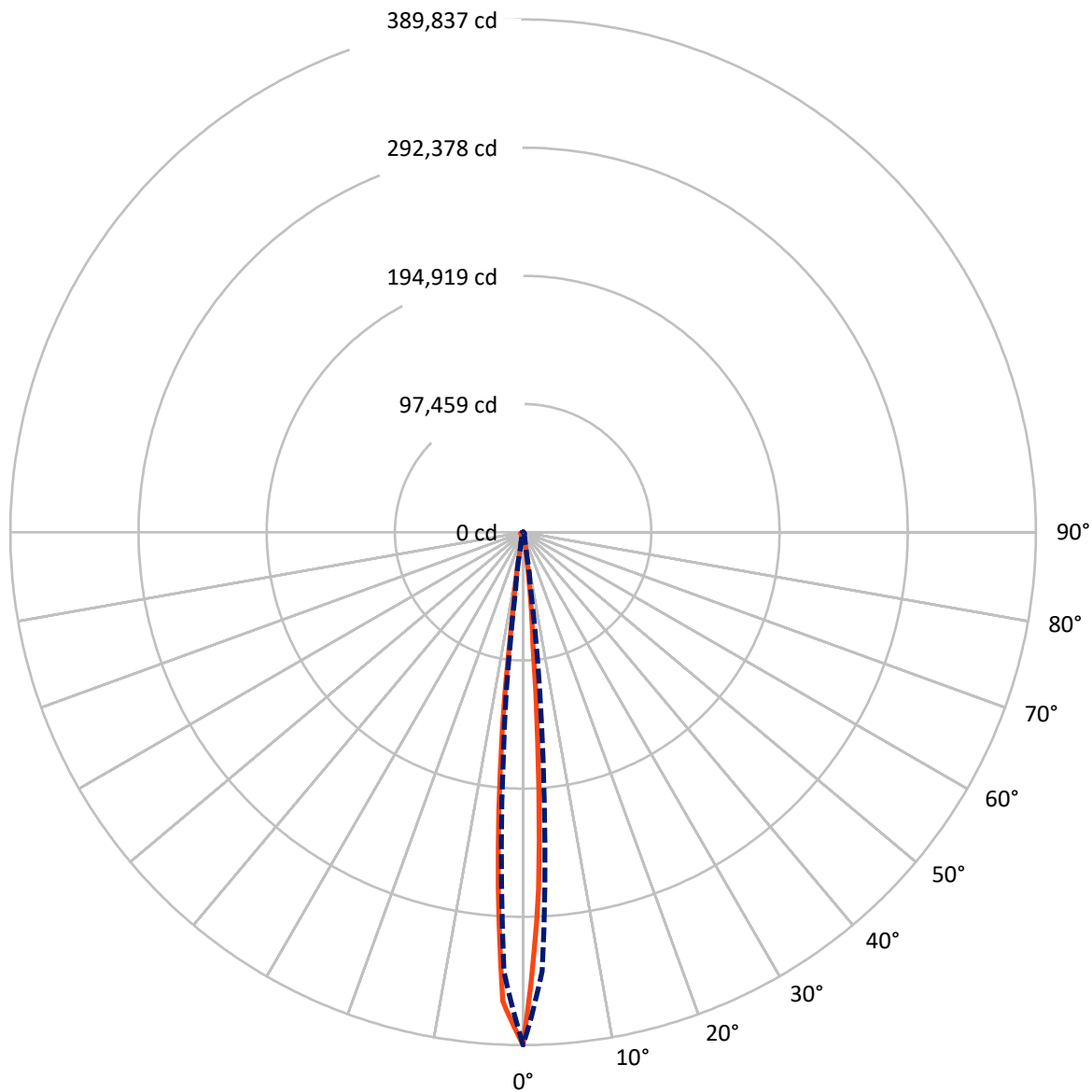
Lumen Table

90																	
80	0.3	3.7		4.0		1.5		0.4		1.5		4.0		3.7		0.3	
70	0.4	0.8	1.1	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.1	0.8	0.4	
60		0.5	0.8	1.9	4.3	7.0	9.0	10.3	10.3	9.0	7.0	4.3	1.9	0.8	0.5		
50	0.4	0.6	2.3	7.5	14.9	21.7	26.2	29.0	29.0	26.2	21.7	14.9	7.5	2.3	0.6	0.4	
40		1.1	5.7	15.5	25.2	29.6	32.0	33.1	33.1	32.0	29.6	25.2	15.5	5.7	1.1		
30	0.7	2.2	9.8	22.6	29.2	30.1	35.5	42.7	42.7	35.5	30.1	29.2	22.6	9.8	2.2	0.7	
20		3.4	13.8	27.7	31.1	35.1	61.7	105.2	105.2	61.7	35.1	31.1	27.7	13.8	3.4		
10	1.1	4.4	16.9	30.5	32.3	43.4	117.4	2175.3	2175.3	117.4	43.4	32.3	30.5	16.9	4.4	1.1	
0		5.1	18.5	32.0	33.5	44.8	126.4	3171.7	3171.7	126.4	44.8	33.5	32.0	18.5	5.1		
-10	1.6	5.5	19.0	33.7	36.2	40.4	73.5	141.1	141.1	73.5	40.4	36.2	33.7	19.0	5.5	1.6	
-20		5.1	18.0	34.1	40.7	40.7	47.6	58.1	58.1	47.6	40.7	40.7	34.1	18.0	5.1		
-30	1.7	4.6	15.9	32.6	44.7	48.7	50.7	51.2	51.2	50.7	48.7	44.7	32.6	15.9	4.6	1.7	
-40		4.0	12.8	27.7	43.1	52.4	58.8	61.6	61.6	58.8	52.4	43.1	27.7	12.8	4.0		
-50	1.4	3.6	9.9	21.5	36.8	49.4	57.4	60.7	60.7	57.4	49.4	36.8	21.5	9.9	3.6	1.4	
-60		3.4	8.7	17.5	30.7	43.2	52.3	56.5	56.5	52.3	43.2	30.7	17.5	8.7	3.4		
-70	0.6	10.3		30.5		56.5		62.4		56.5		30.5		10.3		0.6	
-80																	
-90																	
	Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



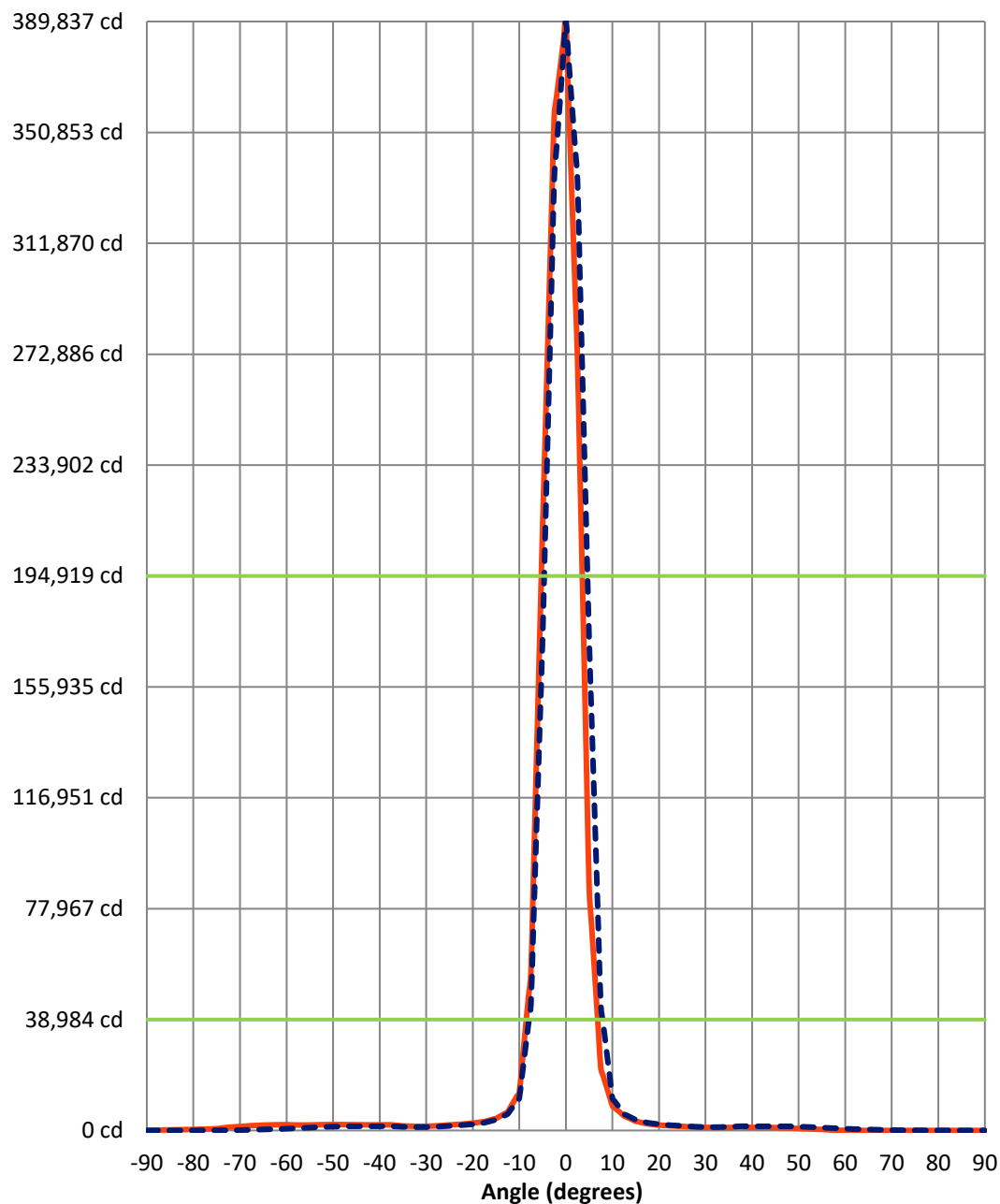
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



— 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	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	7.7	7.7	7.7	11.5	15.3	19.1	19.1	23.0
82.5°	0.0	3.8	3.8	7.7	7.7	11.5	11.5	19.1	23.0	26.8	34.4
80°	3.8	3.8	3.8	7.7	7.7	11.5	11.5	15.3	19.1	26.8	30.6
77.5°	0.0	3.8	3.8	3.8	7.7	7.7	7.7	11.5	15.3	19.1	23.0
75°	0.0	3.8	3.8	3.8	7.7	7.7	7.7	7.7	11.5	11.5	15.3
72.5°	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7	11.5	11.5	11.5
70°	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7	11.5	11.5	11.5
67.5°	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7	11.5	11.5	11.5
65°	0.0	0.0	0.0	3.8	3.8	7.7	7.7	11.5	11.5	11.5	11.5
62.5°	3.8	3.8	3.8	7.7	11.5	11.5	15.3	19.1	19.1	19.1	19.1
60°	38.3	42.1	45.9	45.9	42.1	42.1	45.9	45.9	45.9	45.9	45.9
57.5°	103.3	110.9	114.8	114.8	114.8	110.9	126.2	130.1	114.8	107.1	118.6
55°	359.6	371.0	363.4	351.9	329.0	302.2	294.5	290.7	294.5	275.4	244.8
52.5°	524.0	535.5	531.7	524.0	508.7	489.6	474.3	459.0	443.7	413.1	378.7
50°	680.9	684.7	680.9	673.2	657.9	638.8	608.2	573.8	543.2	535.5	504.9
47.5°	856.8	868.3	868.3	864.5	853.0	818.6	772.7	723.0	700.0	692.4	661.8
45°	1013.7	1021.3	1025.1	1029.0	1025.1	990.7	948.6	921.9	872.1	856.8	856.8
42.5°	1055.7	1059.6	1063.4	1067.2	1078.7	1051.9	1017.5	971.6	960.1	956.3	948.6
40°	1071.0	1063.4	1067.2	1071.0	1074.9	1055.7	1029.0	1002.2	994.5	986.9	986.9
37.5°	1216.4	1182.0	1155.2	1132.2	1113.1	1094.0	1067.2	1044.3	1025.1	1009.8	1025.1
35°	1036.6	1036.6	1063.4	1086.3	1109.3	1132.2	1136.1	1109.3	1067.2	1048.1	1074.9
32.5°	1059.6	1059.6	1059.6	1067.2	1074.9	1094.0	1113.1	1124.6	1155.2	1120.8	1120.8
30°	1082.5	1086.3	1094.0	1097.8	1086.3	1078.7	1071.0	1071.0	1090.2	1139.9	1166.7
27.5°	1216.4	1216.4	1204.9	1189.6	1155.2	1101.6	1074.9	1036.6	1040.4	1063.4	1128.4
25°	1434.4	1426.8	1400.0	1361.8	1300.6	1224.1	1151.4	1071.0	1036.6	1025.1	1051.9
22.5°	1641.0	1629.5	1595.1	1560.7	1510.9	1434.4	1312.0	1189.6	1082.5	1036.6	1025.1
20°	1904.9	1878.2	1839.9	1786.3	1706.0	1629.5	1522.4	1361.8	1204.9	1086.3	1040.4
17.5°	2329.5	2295.1	2222.4	2126.8	1989.1	1870.5	1717.5	1564.5	1388.5	1197.3	1094.0
15°	3259.0	3171.1	3044.8	2780.9	2509.3	2283.6	2054.1	1797.8	1618.0	1365.6	1208.8
12.5°	5125.7	4884.7	4517.5	3901.7	3293.5	2769.4	2398.4	2069.4	1778.7	1545.4	1323.5
10°	8675.5	8159.1	7145.4	5462.3	4341.6	3377.6	2712.0	2272.1	1904.9	1663.9	1419.1
7.5°	21941.1	17897.9	12665.1	8648.7	5680.4	4127.3	3102.2	2463.4	2038.8	1740.4	1495.6
5°	85515.2	70444.1	37578.4	15683.1	8545.4	4991.8	3454.1	2616.4	2126.8	1797.8	1553.0
2.5°	271398.8	234371.3	122963.5	33760.8	10492.4	5623.0	3695.1	2712.0	2176.5	1839.9	1595.1
0°	389837.2	334104.6	172572.0	44402.4	11379.8	5783.6	3771.6	2731.2	2184.2	1847.6	1595.1
-2.5°	356634.8	312125.3	166704.2	41319.4	11628.5	5829.5	3832.8	2796.2	2241.5	1882.0	1606.6
-5°	211909.9	185875.9	116288.6	29461.4	10331.8	5412.6	3672.2	2738.8	2203.3	1862.9	1598.9
-7.5°	55832.0	48334.7	31794.7	15373.3	6686.4	4578.7	3373.8	2643.2	2153.6	1828.4	1568.3
-10°	13460.7	12756.9	11395.1	6984.7	5206.0	3825.2	2991.3	2471.1	2054.1	1782.5	1518.6
-12.5°	6491.3	6338.3	5753.0	4743.2	3863.4	3178.7	2708.2	2291.3	1962.3	1702.2	1449.7
-15°	4223.0	4135.0	3936.1	3549.7	3102.2	2773.2	2444.3	2107.7	1847.6	1583.6	1392.4
-17.5°	3125.2	3121.3	3021.9	2876.5	2654.7	2409.8	2168.9	1954.7	1702.2	1476.5	1331.2
-20°	2589.6	2589.6	2532.3	2436.6	2279.8	2119.1	1958.5	1759.6	1553.0	1384.7	1323.5

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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°	2199.5	2203.3	2172.7	2111.5	2027.3	1893.5	1736.6	1576.0	1426.8	1365.6	1346.5
-25°	1947.0	1939.4	1904.9	1847.6	1759.6	1652.5	1549.2	1442.1	1400.0	1384.7	1411.5
-27.5°	1648.6	1660.1	1644.8	1618.0	1560.7	1484.2	1461.2	1430.6	1438.3	1461.2	1564.5
-30°	1472.7	1484.2	1499.5	1510.9	1491.8	1472.7	1480.3	1503.3	1553.0	1641.0	1679.2
-32.5°	1472.7	1476.5	1499.5	1522.4	1533.9	1549.2	1591.3	1667.8	1740.4	1717.5	1709.8
-35°	1606.6	1595.1	1625.7	1656.3	1698.4	1751.9	1797.8	1782.5	1755.7	1748.1	1755.7
-37.5°	1989.1	1916.4	1885.8	1866.7	1855.2	1847.6	1836.1	1824.6	1813.1	1805.5	1817.0
-40°	1985.3	1966.1	1947.0	1931.7	1920.2	1904.9	1897.3	1893.5	1882.0	1874.3	1866.7
-42.5°	1977.6	1985.3	1985.3	1981.4	1985.3	1981.4	1970.0	1954.7	1935.5	1920.2	1904.9
-45°	2035.0	2038.8	2046.5	2054.1	2065.6	2050.3	2027.3	2000.6	1973.8	1950.8	1931.7
-47.5°	2069.4	2073.2	2080.9	2092.4	2100.0	2084.7	2054.1	2019.7	1977.6	1939.4	1901.1
-50°	2080.9	2092.4	2096.2	2096.2	2092.4	2073.2	2027.3	1977.6	1931.7	1893.5	1859.0
-52.5°	2027.3	2038.8	2042.6	2035.0	2031.2	2012.0	1970.0	1924.1	1874.3	1847.6	1817.0
-55°	1939.4	1954.7	1966.1	1966.1	1966.1	1962.3	1924.1	1882.0	1843.7	1813.1	1782.5
-57.5°	1904.9	1931.7	1954.7	1958.5	1962.3	1966.1	1939.4	1897.3	1851.4	1805.5	1767.2
-60°	2031.2	2054.1	2065.6	2050.3	2038.8	2027.3	1985.3	1935.5	1889.6	1843.7	1771.0
-62.5°	1996.7	2035.0	2054.1	2042.6	2027.3	2008.2	1962.3	1904.9	1851.4	1801.6	1729.0
-65°	1885.8	1920.2	1943.2	1924.1	1901.1	1874.3	1832.3	1778.7	1729.0	1679.2	1614.2
-67.5°	1698.4	1748.1	1786.3	1744.3	1713.7	1679.2	1644.8	1598.9	1549.2	1491.8	1430.6
-70°	1403.8	1442.1	1476.5	1465.0	1457.4	1449.7	1426.8	1380.9	1338.8	1292.9	1239.4
-72.5°	1128.4	1162.8	1193.4	1174.3	1159.0	1136.1	1101.6	1051.9	1002.2	952.5	902.7
-75°	623.5	635.0	646.5	642.6	642.6	642.6	642.6	646.5	638.8	627.3	604.4
-77.5°	478.1	493.4	504.9	512.6	524.0	539.3	550.8	531.7	512.6	493.4	470.5
-80°	374.9	390.2	401.6	443.7	474.3	508.7	531.7	504.9	478.1	455.2	436.1
-82.5°	283.1	294.5	306.0	329.0	344.3	363.4	378.7	378.7	374.9	371.0	359.6
-85°	206.6	221.9	237.2	244.8	256.3	256.3	260.1	244.8	229.5	218.0	202.7
-87.5°	118.6	122.4	122.4	122.4	126.2	126.2	126.2	118.6	114.8	107.1	103.3
-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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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°	3.8	3.8	3.8	7.7	7.7	11.5	11.5	15.3	15.3	19.1	19.1
85°	23.0	23.0	23.0	26.8	26.8	30.6	34.4	38.3	42.1	42.1	45.9
82.5°	38.3	42.1	45.9	49.7	53.6	57.4	61.2	65.0	76.5	84.2	88.0
80°	38.3	42.1	53.6	61.2	68.9	76.5	76.5	76.5	76.5	80.3	88.0
77.5°	26.8	30.6	34.4	42.1	61.2	76.5	88.0	95.6	88.0	84.2	76.5
75°	15.3	19.1	23.0	26.8	38.3	53.6	72.7	91.8	107.1	103.3	95.6
72.5°	15.3	15.3	19.1	23.0	26.8	30.6	34.4	53.6	76.5	95.6	107.1
70°	15.3	19.1	19.1	23.0	26.8	30.6	34.4	42.1	53.6	76.5	99.5
67.5°	15.3	19.1	19.1	26.8	34.4	38.3	42.1	38.3	34.4	49.7	72.7
65°	15.3	15.3	19.1	23.0	26.8	30.6	42.1	42.1	38.3	38.3	38.3
62.5°	23.0	23.0	23.0	23.0	26.8	26.8	26.8	34.4	34.4	34.4	34.4
60°	45.9	42.1	42.1	42.1	42.1	34.4	34.4	34.4	30.6	34.4	30.6
57.5°	110.9	91.8	84.2	84.2	72.7	68.9	57.4	42.1	42.1	34.4	34.4
55°	225.7	214.2	179.8	149.2	133.9	118.6	91.8	76.5	57.4	45.9	42.1
52.5°	348.1	317.5	286.9	248.6	210.4	179.8	153.0	118.6	95.6	68.9	53.6
50°	455.2	428.4	394.0	351.9	302.2	263.9	225.7	179.8	141.5	107.1	76.5
47.5°	619.7	566.1	524.0	474.3	416.9	363.4	313.7	260.1	198.9	156.8	118.6
45°	795.6	719.1	661.8	615.9	539.3	466.7	409.3	351.9	279.2	206.6	160.7
42.5°	918.0	860.7	784.2	723.0	654.1	577.6	501.1	439.9	363.4	279.2	206.6
40°	983.1	944.8	883.6	830.1	757.4	673.2	592.9	531.7	451.4	359.6	260.1
37.5°	1032.8	1013.7	983.1	941.0	872.1	772.7	692.4	619.7	550.8	443.7	336.6
35°	1090.2	1086.3	1067.2	1048.1	990.7	895.1	799.5	715.3	631.2	531.7	413.1
32.5°	1143.7	1139.9	1128.4	1120.8	1097.8	1013.7	910.4	814.8	719.1	615.9	485.8
30°	1170.5	1162.8	1162.8	1170.5	1147.5	1094.0	1017.5	914.2	807.1	684.7	562.3
27.5°	1170.5	1162.8	1166.7	1178.1	1174.3	1147.5	1090.2	1006.0	887.4	749.7	631.2
25°	1120.8	1159.0	1159.0	1174.3	1178.1	1170.5	1139.9	1086.3	963.9	818.6	684.7
22.5°	1051.9	1143.7	1178.1	1174.3	1178.1	1197.3	1201.1	1151.4	1036.6	887.4	738.3
20°	1051.9	1116.9	1216.4	1189.6	1197.3	1239.4	1258.5	1216.4	1113.1	952.5	791.8
17.5°	1074.9	1116.9	1201.1	1243.2	1254.7	1289.1	1319.7	1292.9	1182.0	1021.3	864.5
15°	1139.9	1132.2	1189.6	1292.9	1312.0	1338.8	1373.2	1342.6	1243.2	1097.8	933.3
12.5°	1185.8	1143.7	1189.6	1300.6	1361.8	1388.5	1400.0	1377.1	1296.7	1166.7	1002.2
10°	1247.0	1174.3	1197.3	1292.9	1380.9	1400.0	1411.5	1403.8	1346.5	1224.1	1063.4
7.5°	1292.9	1189.6	1189.6	1281.4	1400.0	1415.3	1423.0	1430.6	1388.5	1273.8	1116.9
5°	1312.0	1189.6	1182.0	1270.0	1419.1	1434.4	1434.4	1445.9	1419.1	1312.0	1155.2
2.5°	1315.9	1185.8	1174.3	1262.3	1453.6	1453.6	1445.9	1457.4	1442.1	1335.0	1182.0
0°	1335.0	1182.0	1170.5	1273.8	1491.8	1476.5	1457.4	1461.2	1453.6	1346.5	1197.3
-2.5°	1335.0	1201.1	1185.8	1281.4	1488.0	1484.2	1476.5	1480.3	1472.7	1380.9	1227.9
-5°	1354.1	1227.9	1212.6	1315.9	1484.2	1495.6	1499.5	1499.5	1488.0	1403.8	1247.0
-7.5°	1357.9	1247.0	1243.2	1350.3	1491.8	1510.9	1522.4	1530.1	1507.1	1419.1	1262.3
-10°	1338.8	1254.7	1273.8	1392.4	1499.5	1526.2	1549.2	1560.7	1522.4	1426.8	1270.0
-12.5°	1296.7	1254.7	1304.4	1445.9	1518.6	1549.2	1583.6	1587.4	1537.7	1430.6	1273.8
-15°	1292.9	1285.3	1357.9	1499.5	1530.1	1568.3	1621.9	1610.4	1549.2	1430.6	1273.8
-17.5°	1289.1	1327.3	1438.3	1518.6	1549.2	1591.3	1633.3	1621.9	1556.8	1430.6	1266.1
-20°	1323.5	1396.2	1533.9	1537.7	1572.1	1618.0	1641.0	1618.0	1545.4	1419.1	1254.7

REPORT NUMBER: P723740

CATALOG NUMBER: IFLD-L-SA7A-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°	1380.9	1518.6	1564.5	1579.8	1610.4	1644.8	1656.3	1621.9	1533.9	1400.0	1235.5
-25°	1526.2	1595.1	1595.1	1629.5	1660.1	1675.4	1663.9	1625.7	1518.6	1380.9	1216.4
-27.5°	1637.2	1633.3	1652.5	1686.9	1713.7	1713.7	1683.1	1606.6	1495.6	1361.8	1189.6
-30°	1679.2	1683.1	1709.8	1748.1	1755.7	1736.6	1690.7	1591.3	1476.5	1331.2	1155.2
-32.5°	1721.3	1736.6	1771.0	1790.2	1794.0	1755.7	1671.6	1564.5	1445.9	1296.7	1116.9
-35°	1771.0	1801.6	1820.8	1824.6	1805.5	1740.4	1644.8	1530.1	1400.0	1247.0	1082.5
-37.5°	1836.1	1851.4	1862.9	1847.6	1794.0	1717.5	1598.9	1484.2	1357.9	1193.4	1032.8
-40°	1878.2	1885.8	1889.6	1839.9	1774.9	1663.9	1549.2	1430.6	1285.3	1132.2	979.2
-42.5°	1904.9	1897.3	1866.7	1813.1	1717.5	1610.4	1499.5	1365.6	1220.2	1071.0	921.9
-45°	1897.3	1870.5	1824.6	1759.6	1660.1	1553.0	1423.0	1289.1	1151.4	1006.0	856.8
-47.5°	1866.7	1824.6	1767.2	1690.7	1598.9	1468.9	1338.8	1208.8	1074.9	933.3	795.6
-50°	1828.4	1778.7	1709.8	1614.2	1491.8	1373.2	1254.7	1128.4	990.7	860.7	738.3
-52.5°	1786.3	1732.8	1644.8	1537.7	1403.8	1281.4	1166.7	1044.3	918.0	795.6	688.5
-55°	1740.4	1686.9	1587.4	1465.0	1331.2	1197.3	1086.3	983.1	860.7	742.1	646.5
-57.5°	1717.5	1648.6	1545.4	1423.0	1281.4	1143.7	1048.1	937.2	826.2	703.8	612.0
-60°	1698.4	1629.5	1533.9	1392.4	1258.5	1128.4	1017.5	910.4	791.8	677.1	585.2
-62.5°	1644.8	1572.1	1484.2	1346.5	1216.4	1097.8	998.4	872.1	757.4	650.3	566.1
-65°	1537.7	1461.2	1384.7	1262.3	1143.7	1032.8	933.3	818.6	711.5	619.7	547.0
-67.5°	1369.4	1304.4	1235.5	1132.2	1032.8	933.3	841.5	742.1	654.1	589.1	550.8
-70°	1182.0	1113.1	1044.3	960.1	876.0	795.6	723.0	650.3	592.9	558.5	527.9
-72.5°	860.7	830.1	795.6	730.6	661.8	612.0	577.6	547.0	504.9	474.3	455.2
-75°	573.8	531.7	478.1	455.2	459.0	451.4	432.2	409.3	390.2	378.7	351.9
-77.5°	447.5	424.6	397.8	371.0	359.6	348.1	332.8	313.7	298.4	271.6	233.3
-80°	413.1	394.0	374.9	355.7	336.6	309.8	279.2	248.6	233.3	221.9	218.0
-82.5°	340.4	317.5	294.5	275.4	248.6	229.5	210.4	195.1	195.1	191.3	187.4
-85°	195.1	187.4	176.0	168.3	160.7	149.2	137.7	130.1	126.2	122.4	118.6
-87.5°	99.5	95.6	88.0	84.2	80.3	76.5	68.9	65.0	61.2	61.2	57.4
-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: P723740

CATALOG NUMBER: IFLD-L-SA7A-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°	19.1	19.1	15.3	15.3	15.3	11.5	7.7	7.7	3.8	3.8	0.0
85°	45.9	38.3	34.4	30.6	30.6	23.0	15.3	11.5	7.7	3.8	3.8
82.5°	88.0	76.5	65.0	57.4	45.9	34.4	26.8	19.1	11.5	7.7	3.8
80°	99.5	99.5	95.6	80.3	65.0	49.7	34.4	23.0	15.3	11.5	7.7
77.5°	76.5	84.2	84.2	84.2	80.3	61.2	42.1	26.8	15.3	11.5	7.7
75°	88.0	76.5	72.7	76.5	72.7	61.2	49.7	30.6	19.1	15.3	7.7
72.5°	107.1	91.8	80.3	76.5	68.9	57.4	45.9	34.4	19.1	15.3	11.5
70°	99.5	95.6	88.0	80.3	68.9	57.4	45.9	34.4	23.0	15.3	11.5
67.5°	88.0	88.0	88.0	80.3	68.9	53.6	42.1	30.6	23.0	15.3	11.5
65°	61.2	72.7	80.3	76.5	68.9	53.6	42.1	30.6	23.0	19.1	11.5
62.5°	38.3	49.7	65.0	72.7	65.0	53.6	38.3	30.6	23.0	19.1	11.5
60°	34.4	38.3	45.9	57.4	61.2	49.7	38.3	26.8	23.0	19.1	11.5
57.5°	34.4	34.4	38.3	45.9	49.7	45.9	34.4	23.0	23.0	19.1	15.3
55°	38.3	34.4	34.4	38.3	42.1	42.1	34.4	23.0	23.0	19.1	15.3
52.5°	45.9	38.3	34.4	34.4	34.4	38.3	30.6	23.0	23.0	19.1	15.3
50°	57.4	45.9	42.1	34.4	34.4	34.4	30.6	23.0	19.1	19.1	15.3
47.5°	76.5	61.2	45.9	42.1	34.4	30.6	26.8	23.0	19.1	19.1	15.3
45°	114.8	72.7	61.2	45.9	38.3	34.4	30.6	23.0	19.1	19.1	15.3
42.5°	156.8	107.1	76.5	53.6	42.1	34.4	30.6	26.8	19.1	19.1	15.3
40°	198.9	145.4	95.6	68.9	49.7	38.3	30.6	26.8	23.0	19.1	15.3
37.5°	244.8	179.8	126.2	88.0	57.4	42.1	34.4	26.8	23.0	19.1	15.3
35°	302.2	225.7	156.8	107.1	68.9	49.7	38.3	26.8	23.0	19.1	15.3
32.5°	367.2	267.8	187.4	130.1	88.0	61.2	42.1	30.6	23.0	19.1	15.3
30°	428.4	317.5	221.9	156.8	107.1	68.9	45.9	30.6	23.0	19.1	11.5
27.5°	489.6	367.2	263.9	183.6	130.1	80.3	49.7	34.4	23.0	19.1	15.3
25°	550.8	416.9	306.0	210.4	149.2	95.6	61.2	38.3	23.0	19.1	15.3
22.5°	604.4	466.7	344.3	241.0	172.1	110.9	68.9	42.1	26.8	19.1	15.3
20°	665.6	520.2	386.3	275.4	191.3	126.2	76.5	45.9	26.8	19.1	15.3
17.5°	723.0	573.8	428.4	306.0	214.2	141.5	88.0	49.7	30.6	19.1	15.3
15°	780.3	623.5	466.7	336.6	237.2	156.8	95.6	53.6	34.4	19.1	15.3
12.5°	833.9	669.4	501.1	363.4	256.3	172.1	103.3	57.4	38.3	19.1	15.3
10°	883.6	711.5	535.5	386.3	275.4	183.6	110.9	65.0	42.1	19.1	15.3
7.5°	933.3	745.9	562.3	409.3	298.4	198.9	118.6	68.9	45.9	23.0	15.3
5°	963.9	776.5	585.2	428.4	317.5	214.2	126.2	72.7	49.7	23.0	15.3
2.5°	990.7	799.5	600.5	447.5	336.6	225.7	126.2	76.5	53.6	23.0	15.3
0°	1006.0	814.8	612.0	459.0	351.9	233.3	130.1	80.3	57.4	23.0	15.3
-2.5°	1040.4	841.5	638.8	474.3	367.2	256.3	137.7	84.2	61.2	26.8	15.3
-5°	1063.4	856.8	657.9	489.6	378.7	279.2	149.2	91.8	68.9	34.4	19.1
-7.5°	1082.5	872.1	673.2	497.3	390.2	286.9	153.0	95.6	72.7	38.3	19.1
-10°	1086.3	879.8	684.7	508.7	397.8	298.4	156.8	99.5	76.5	42.1	19.1
-12.5°	1090.2	887.4	688.5	516.4	405.5	306.0	160.7	103.3	80.3	45.9	19.1
-15°	1086.3	883.6	688.5	524.0	409.3	298.4	168.3	107.1	84.2	49.7	19.1
-17.5°	1078.7	879.8	684.7	520.2	405.5	290.7	172.1	114.8	84.2	53.6	23.0
-20°	1067.2	868.3	677.1	516.4	401.6	283.1	176.0	118.6	88.0	53.6	23.0



REPORT NUMBER: P723740

CATALOG NUMBER: IFLD-L-SA7A-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°	1048.1	849.2	661.8	504.9	394.0	275.4	176.0	126.2	91.8	53.6	23.0
-25°	1025.1	830.1	646.5	489.6	382.5	263.9	176.0	130.1	95.6	53.6	23.0
-27.5°	998.4	810.9	623.5	478.1	367.2	256.3	176.0	133.9	99.5	53.6	23.0
-30°	967.8	784.2	604.4	459.0	355.7	256.3	179.8	137.7	103.3	53.6	23.0
-32.5°	937.2	757.4	581.4	443.7	340.4	252.5	179.8	141.5	107.1	49.7	26.8
-35°	902.7	726.8	562.3	432.2	329.0	244.8	183.6	141.5	103.3	49.7	26.8
-37.5°	860.7	688.5	543.2	420.8	321.3	237.2	183.6	145.4	99.5	49.7	26.8
-40°	814.8	657.9	520.2	405.5	309.8	233.3	183.6	145.4	95.6	49.7	30.6
-42.5°	765.0	623.5	497.3	390.2	298.4	229.5	183.6	145.4	91.8	49.7	30.6
-45°	719.1	589.1	470.5	371.0	286.9	229.5	183.6	141.5	84.2	53.6	30.6
-47.5°	669.4	550.8	439.9	351.9	283.1	225.7	179.8	133.9	76.5	53.6	30.6
-50°	627.3	512.6	416.9	332.8	275.4	229.5	183.6	122.4	76.5	53.6	30.6
-52.5°	585.2	485.8	390.2	325.1	267.8	233.3	179.8	114.8	76.5	53.6	30.6
-55°	550.8	459.0	374.9	313.7	275.4	241.0	172.1	103.3	76.5	53.6	30.6
-57.5°	524.0	443.7	363.4	317.5	286.9	233.3	160.7	99.5	76.5	49.7	30.6
-60°	504.9	428.4	367.2	332.8	290.7	221.9	153.0	99.5	76.5	49.7	26.8
-62.5°	489.6	432.2	386.3	344.3	275.4	206.6	145.4	99.5	68.9	45.9	26.8
-65°	493.4	447.5	394.0	329.0	263.9	191.3	133.9	95.6	65.0	42.1	26.8
-67.5°	504.9	436.1	371.0	309.8	237.2	172.1	122.4	88.0	61.2	42.1	26.8
-70°	466.7	401.6	336.6	263.9	202.7	149.2	114.8	80.3	53.6	38.3	26.8
-72.5°	420.8	336.6	267.8	214.2	172.1	137.7	103.3	72.7	49.7	34.4	23.0
-75°	306.0	244.8	198.9	179.8	153.0	122.4	91.8	65.0	45.9	34.4	23.0
-77.5°	218.0	202.7	183.6	164.5	137.7	107.1	80.3	61.2	42.1	30.6	19.1
-80°	214.2	195.1	172.1	141.5	114.8	91.8	68.9	53.6	38.3	26.8	15.3
-82.5°	179.8	153.0	130.1	107.1	88.0	72.7	57.4	42.1	30.6	19.1	11.5
-85°	110.9	95.6	84.2	72.7	61.2	49.7	38.3	26.8	19.1	11.5	7.7
-87.5°	53.6	49.7	42.1	34.4	30.6	23.0	19.1	15.3	11.5	7.7	3.8
-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: P723740

CATALOG NUMBER: IFLD-L-SA7A-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°	3.8	0.0	0.0	0.0
80°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	7.7	3.8	3.8	0.0
67.5°	7.7	3.8	3.8	0.0
65°	7.7	3.8	3.8	0.0
62.5°	7.7	3.8	3.8	0.0
60°	7.7	3.8	3.8	0.0
57.5°	7.7	3.8	3.8	0.0
55°	7.7	3.8	3.8	0.0
52.5°	7.7	3.8	3.8	0.0
50°	7.7	3.8	3.8	0.0
47.5°	7.7	7.7	3.8	0.0
45°	7.7	7.7	3.8	0.0
42.5°	7.7	7.7	3.8	0.0
40°	7.7	7.7	3.8	0.0
37.5°	7.7	7.7	3.8	0.0
35°	7.7	7.7	3.8	0.0
32.5°	11.5	7.7	3.8	0.0
30°	11.5	7.7	7.7	0.0
27.5°	11.5	7.7	7.7	0.0
25°	11.5	7.7	7.7	0.0
22.5°	11.5	7.7	7.7	0.0
20°	11.5	7.7	7.7	0.0
17.5°	11.5	7.7	7.7	0.0
15°	11.5	7.7	7.7	0.0
12.5°	11.5	7.7	7.7	0.0
10°	11.5	7.7	7.7	0.0
7.5°	11.5	7.7	7.7	0.0
5°	11.5	7.7	7.7	0.0
2.5°	11.5	7.7	7.7	0.0
0°	11.5	7.7	7.7	0.0
-2.5°	11.5	7.7	7.7	0.0
-5°	11.5	7.7	7.7	0.0
-7.5°	11.5	7.7	7.7	0.0
-10°	11.5	7.7	7.7	0.0
-12.5°	15.3	7.7	7.7	0.0
-15°	15.3	7.7	7.7	0.0
-17.5°	15.3	7.7	7.7	0.0
-20°	15.3	7.7	7.7	0.0



REPORT NUMBER: P723740

CATALOG NUMBER: IFLD-L-SA7A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.3	7.7	7.7	0.0
-25°	15.3	7.7	7.7	0.0
-27.5°	15.3	7.7	7.7	0.0
-30°	15.3	7.7	7.7	0.0
-32.5°	15.3	7.7	7.7	0.0
-35°	15.3	7.7	7.7	0.0
-37.5°	15.3	7.7	7.7	0.0
-40°	15.3	7.7	7.7	0.0
-42.5°	11.5	7.7	3.8	0.0
-45°	15.3	7.7	3.8	0.0
-47.5°	15.3	7.7	3.8	0.0
-50°	15.3	7.7	3.8	0.0
-52.5°	15.3	7.7	3.8	0.0
-55°	15.3	7.7	3.8	0.0
-57.5°	15.3	7.7	3.8	0.0
-60°	15.3	7.7	3.8	0.0
-62.5°	15.3	7.7	3.8	0.0
-65°	15.3	7.7	3.8	0.0
-67.5°	15.3	7.7	3.8	0.0
-70°	15.3	3.8	3.8	0.0
-72.5°	11.5	3.8	3.8	0.0
-75°	11.5	3.8	3.8	0.0
-77.5°	7.7	3.8	0.0	0.0
-80°	7.7	3.8	0.0	0.0
-82.5°	7.7	3.8	0.0	0.0
-85°	3.8	0.0	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)