

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: P723770

Luminaire Tested: **IFLD-L-SA7B-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723770
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19284.4 lumens	Max Intensity:	453693.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.6 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:	6993.3 lumens	Field Lumens:	11148.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

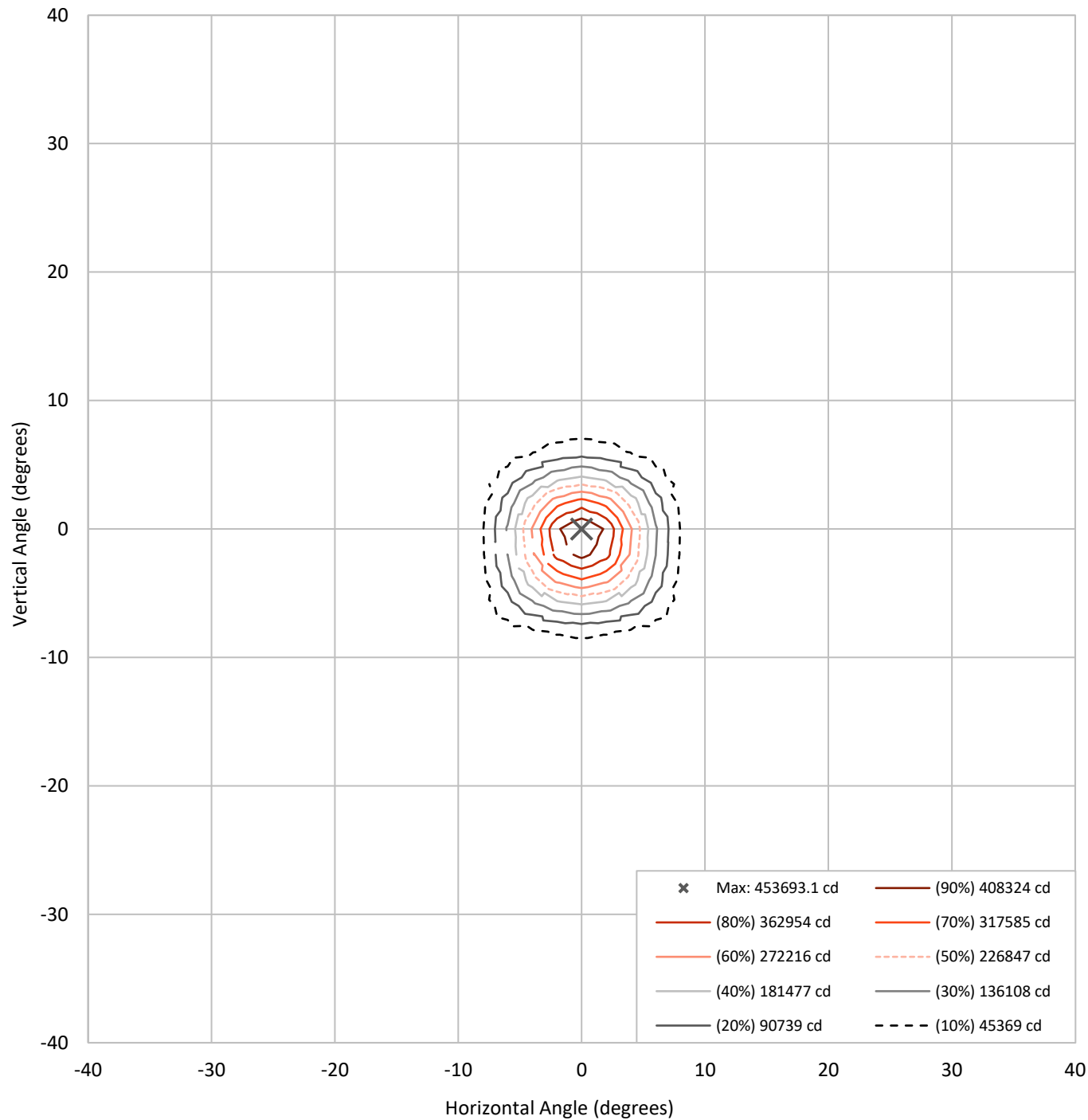
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723770
CATALOG NUMBER: IFLD-L-SA7B-750-U-11-VI

Iso-Candela Plot



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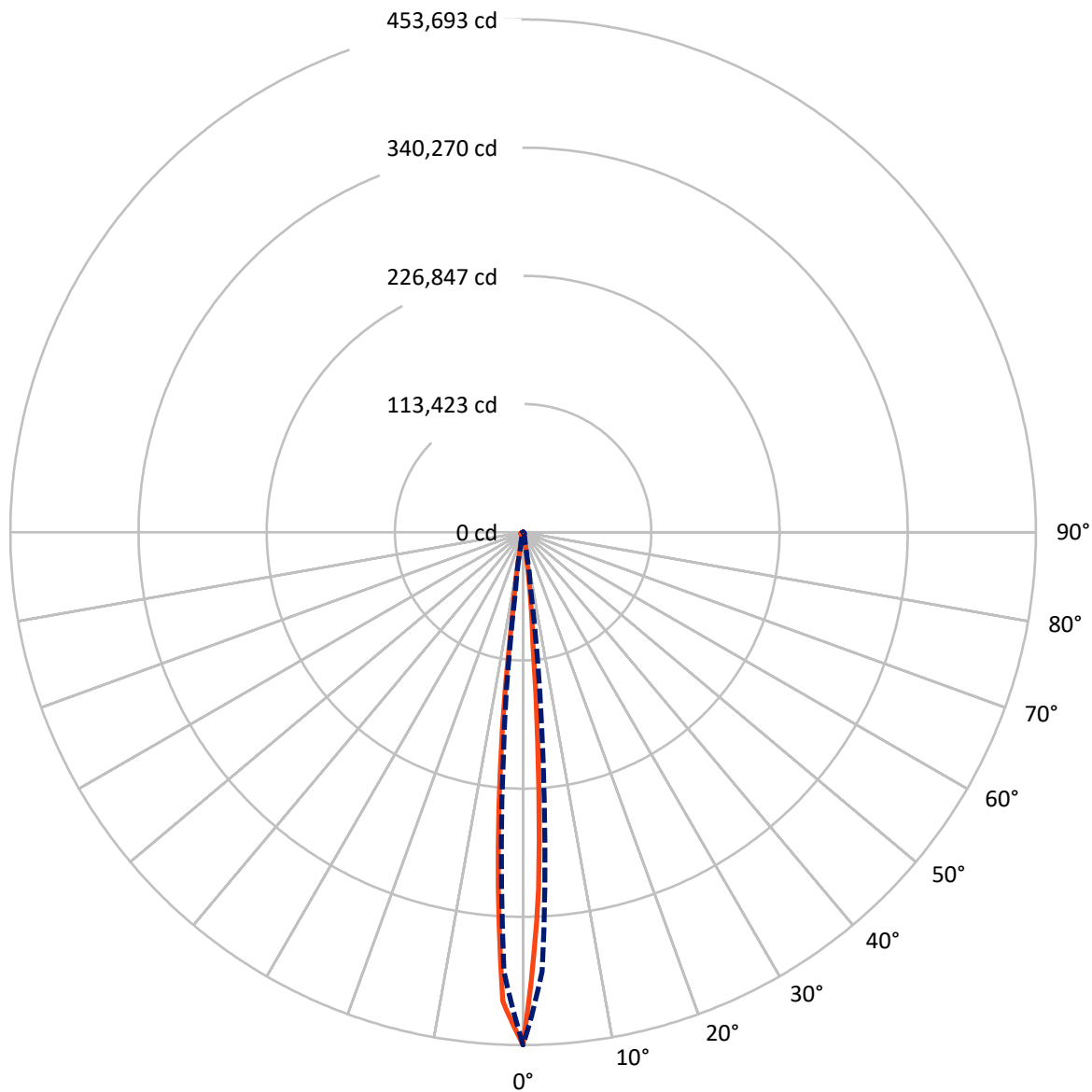
Lumen Table

Vertical Angle (degrees)																			
	0.3	4.3		4.7		1.8		0.5		1.8		4.7		4.3		0.3			
90																			
80	0.3	4.3		4.7		1.8		0.5		1.8		4.7		4.3		0.3			
70																			
60	0.5	1.0	1.2	0.9	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	0.9	1.2	1.0	0.5			
50		0.6	0.9	2.3	5.0	8.1	10.4	12.0	12.0	10.4	8.1	5.0	2.3	0.9	0.6				
40	0.5	0.6	2.6	8.8	17.3	25.3	30.4	33.7	33.7	30.4	25.3	17.3	8.8	2.6	0.6	0.5			
30		1.3	6.7	18.0	29.3	34.4	37.2	38.5	38.5	37.2	34.4	29.3	18.0	6.7	1.3				
20	0.8	2.5	11.4	26.3	34.0	35.0	41.3	49.7	49.7	41.3	35.0	34.0	26.3	11.4	2.5	0.8			
10		3.9	16.0	32.2	36.2	40.9	71.8	122.4	122.4	71.8	40.9	36.2	32.2	16.0	3.9				
0	1.3	5.1	19.7	35.4	37.6	50.5	136.6	2531.6	2531.6	136.6	50.5	37.6	35.4	19.7	5.1	1.3			
-10		6.0	21.5	37.2	39.0	52.2	147.2	3691.2	3691.2	147.2	52.2	39.0	37.2	21.5	6.0				
-20	1.8	6.4	22.1	39.2	42.2	47.0	85.6	164.2	164.2	85.6	47.0	42.2	39.2	22.1	6.4	1.8			
-30		6.0	21.0	39.7	47.3	47.4	55.4	67.6	67.6	55.4	47.4	47.3	39.7	21.0	6.0				
-40	2.0	5.3	18.5	38.0	52.1	56.7	59.1	59.5	59.5	59.1	56.7	52.1	38.0	18.5	5.3	2.0			
-50		4.7	14.9	32.2	50.2	61.0	68.4	71.7	71.7	68.4	61.0	50.2	32.2	14.9	4.7				
-60	1.6	4.2	11.5	25.0	42.8	57.5	66.8	70.7	70.7	66.8	57.5	42.8	25.0	11.5	4.2	1.6			
-70		3.9	10.1	20.4	35.7	50.3	60.8	65.7	65.7	60.8	50.3	35.7	20.4	10.1	3.9				
-80	0.7	11.9		35.5		65.8		72.6		65.8		35.5		11.9		0.7			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-750-U-11-VI

Luminous Intensity Polar Plot



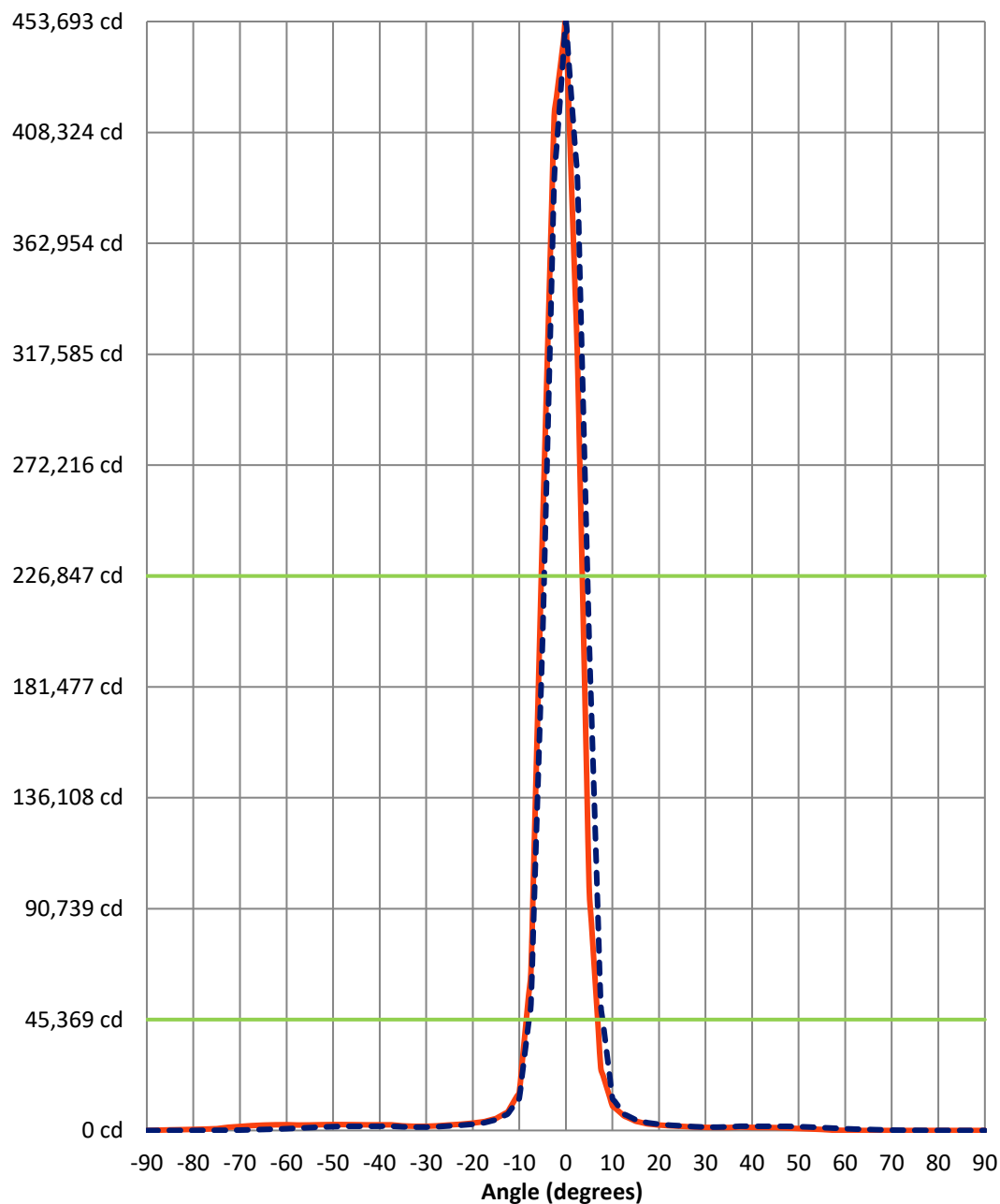
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-750-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6993.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11148.7

Efficiency: 57.8%

Spill:

Lumens: 8135.7

Efficiency: 42.2%

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

REPORT NUMBER: P723770

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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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	0.0	4.5	4.5	8.9	8.9	8.9	13.4	17.8	22.3	22.3	26.7
82.5°	0.0	4.5	4.5	8.9	8.9	13.4	13.4	22.3	26.7	31.2	40.1
80°	4.5	4.5	4.5	8.9	8.9	13.4	13.4	17.8	22.3	31.2	35.6
77.5°	0.0	4.5	4.5	4.5	8.9	8.9	8.9	13.4	17.8	22.3	26.7
75°	0.0	4.5	4.5	4.5	8.9	8.9	8.9	8.9	13.4	13.4	17.8
72.5°	0.0	0.0	0.0	4.5	4.5	8.9	8.9	8.9	13.4	13.4	13.4
70°	0.0	0.0	0.0	4.5	4.5	8.9	8.9	8.9	13.4	13.4	13.4
67.5°	0.0	0.0	0.0	4.5	4.5	8.9	8.9	8.9	13.4	13.4	13.4
65°	0.0	0.0	0.0	4.5	4.5	8.9	8.9	13.4	13.4	13.4	13.4
62.5°	4.5	4.5	4.5	8.9	13.4	13.4	17.8	22.3	22.3	22.3	22.3
60°	44.5	49.0	53.4	53.4	49.0	49.0	53.4	53.4	53.4	53.4	53.4
57.5°	120.2	129.1	133.6	133.6	133.6	129.1	146.9	151.4	133.6	124.6	138.0
55°	418.5	431.8	422.9	409.6	382.8	351.7	342.8	338.3	342.8	320.5	284.9
52.5°	609.9	623.2	618.8	609.9	592.1	569.8	552.0	534.2	516.4	480.8	440.7
50°	792.4	796.9	792.4	783.5	765.7	743.4	707.8	667.8	632.1	623.2	587.6
47.5°	997.2	1010.5	1010.5	1006.1	992.7	952.7	899.2	841.4	814.7	805.8	770.1
45°	1179.7	1188.6	1193.1	1197.5	1193.1	1153.0	1104.0	1072.9	1015.0	997.2	997.2
42.5°	1228.7	1233.1	1237.6	1242.0	1255.4	1224.2	1184.2	1130.7	1117.4	1112.9	1104.0
40°	1246.5	1237.6	1242.0	1246.5	1250.9	1228.7	1197.5	1166.4	1157.4	1148.5	1148.5
37.5°	1415.6	1375.6	1344.4	1317.7	1295.5	1273.2	1242.0	1215.3	1193.1	1175.3	1193.1
35°	1206.4	1206.4	1237.6	1264.3	1291.0	1317.7	1322.2	1291.0	1242.0	1219.8	1250.9
32.5°	1233.1	1233.1	1233.1	1242.0	1250.9	1273.2	1295.5	1308.8	1344.4	1304.4	1304.4
30°	1259.8	1264.3	1273.2	1277.6	1264.3	1255.4	1246.5	1246.5	1268.7	1326.6	1357.8
27.5°	1415.6	1415.6	1402.3	1384.5	1344.4	1282.1	1250.9	1206.4	1210.9	1237.6	1313.3
25°	1669.4	1660.5	1629.3	1584.8	1513.6	1424.6	1340.0	1246.5	1206.4	1193.1	1224.2
22.5°	1909.8	1896.4	1856.4	1816.3	1758.4	1669.4	1526.9	1384.5	1259.8	1206.4	1193.1
20°	2217.0	2185.8	2141.3	2079.0	1985.5	1896.4	1771.8	1584.8	1402.3	1264.3	1210.9
17.5°	2711.1	2671.0	2586.5	2475.2	2314.9	2176.9	1998.8	1820.8	1616.0	1393.4	1273.2
15°	3792.9	3690.5	3543.6	3236.4	2920.3	2657.7	2390.6	2092.3	1883.1	1589.3	1406.7
12.5°	5965.3	5684.9	5257.5	4540.8	3832.9	3223.0	2791.2	2408.4	2070.1	1798.5	1540.3
10°	10096.5	9495.5	8315.8	6357.1	5052.7	3930.9	3156.3	2644.3	2217.0	1936.5	1651.6
7.5°	25535.1	20829.6	14739.7	10065.4	6610.8	4803.4	3610.3	2866.9	2372.8	2025.5	1740.6
5°	99522.8	81983.0	43733.7	18252.1	9945.2	5809.5	4019.9	3045.0	2475.2	2092.3	1807.4
2.5°	315854.3	272761.6	143105.2	39290.9	12211.1	6544.0	4300.4	3156.3	2533.0	2141.3	1856.4
0°	453693.1	388831.5	200839.6	51675.6	13243.9	6731.0	4389.4	3178.5	2541.9	2150.2	1856.4
-2.5°	415052.1	363251.9	194010.6	48087.5	13533.2	6784.4	4460.6	3254.2	2608.7	2190.2	1869.7
-5°	246621.1	216322.7	135336.9	34287.2	12024.1	6299.2	4273.7	3187.4	2564.2	2168.0	1860.8
-7.5°	64977.4	56252.0	37002.7	17891.5	7781.6	5328.7	3926.4	3076.1	2506.3	2127.9	1825.2
-10°	15665.6	14846.5	13261.7	8128.9	6058.8	4451.7	3481.2	2875.8	2390.6	2074.5	1767.3
-12.5°	7554.6	7376.5	6695.4	5520.1	4496.2	3699.4	3151.8	2666.6	2283.7	1981.0	1687.2
-15°	4914.7	4812.3	4580.8	4131.2	3610.3	3227.5	2844.7	2452.9	2150.2	1843.0	1620.4
-17.5°	3637.1	3632.6	3516.9	3347.7	3089.5	2804.6	2524.1	2274.8	1981.0	1718.4	1549.2
-20°	3013.8	3013.8	2947.0	2835.7	2653.2	2466.3	2279.3	2047.8	1807.4	1611.5	1540.3

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2559.7	2564.2	2528.6	2457.4	2359.4	2203.6	2021.1	1834.1	1660.5	1589.3	1567.0
-25°	2265.9	2257.0	2217.0	2150.2	2047.8	1923.1	1802.9	1678.3	1629.3	1611.5	1642.7
-27.5°	1918.7	1932.0	1914.2	1883.1	1816.3	1727.3	1700.6	1664.9	1673.8	1700.6	1820.8
-30°	1713.9	1727.3	1745.1	1758.4	1736.2	1713.9	1722.8	1749.5	1807.4	1909.8	1954.3
-32.5°	1713.9	1718.4	1745.1	1771.8	1785.1	1802.9	1851.9	1941.0	2025.5	1998.8	1989.9
-35°	1869.7	1856.4	1892.0	1927.6	1976.6	2038.9	2092.3	2074.5	2043.3	2034.4	2043.3
-37.5°	2314.9	2230.3	2194.7	2172.4	2159.1	2150.2	2136.8	2123.5	2110.1	2101.2	2114.6
-40°	2310.4	2288.2	2265.9	2248.1	2234.8	2217.0	2208.1	2203.6	2190.2	2181.3	2172.4
-42.5°	2301.5	2310.4	2310.4	2306.0	2310.4	2306.0	2292.6	2274.8	2252.6	2234.8	2217.0
-45°	2368.3	2372.8	2381.7	2390.6	2403.9	2386.1	2359.4	2328.3	2297.1	2270.4	2248.1
-47.5°	2408.4	2412.8	2421.7	2435.1	2444.0	2426.2	2390.6	2350.5	2301.5	2257.0	2212.5
-50°	2421.7	2435.1	2439.5	2439.5	2435.1	2412.8	2359.4	2301.5	2248.1	2203.6	2163.5
-52.5°	2359.4	2372.8	2377.2	2368.3	2363.9	2341.6	2292.6	2239.2	2181.3	2150.2	2114.6
-55°	2257.0	2274.8	2288.2	2288.2	2288.2	2283.7	2239.2	2190.2	2145.7	2110.1	2074.5
-57.5°	2217.0	2248.1	2274.8	2279.3	2283.7	2288.2	2257.0	2208.1	2154.6	2101.2	2056.7
-60°	2363.9	2390.6	2403.9	2386.1	2372.8	2359.4	2310.4	2252.6	2199.2	2145.7	2061.1
-62.5°	2323.8	2368.3	2390.6	2377.2	2359.4	2337.2	2283.7	2217.0	2154.6	2096.8	2012.2
-65°	2194.7	2234.8	2261.5	2239.2	2212.5	2181.3	2132.4	2070.1	2012.2	1954.3	1878.6
-67.5°	1976.6	2034.4	2079.0	2030.0	1994.4	1954.3	1914.2	1860.8	1802.9	1736.2	1664.9
-70°	1633.8	1678.3	1718.4	1705.0	1696.1	1687.2	1660.5	1607.1	1558.1	1504.7	1442.4
-72.5°	1313.3	1353.3	1388.9	1366.7	1348.9	1322.2	1282.1	1224.2	1166.4	1108.5	1050.6
-75°	725.6	739.0	752.3	747.9	747.9	747.9	747.9	752.3	743.4	730.1	703.4
-77.5°	556.5	574.3	587.6	596.5	609.9	627.7	641.0	618.8	596.5	574.3	547.6
-80°	436.3	454.1	467.4	516.4	552.0	592.1	618.8	587.6	556.5	529.8	507.5
-82.5°	329.4	342.8	356.1	382.8	400.7	422.9	440.7	440.7	436.3	431.8	418.5
-85°	240.4	258.2	276.0	284.9	298.3	298.3	302.7	284.9	267.1	253.7	235.9
-87.5°	138.0	142.5	142.5	142.5	146.9	146.9	146.9	138.0	133.6	124.6	120.2
-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: P723770

CATALOG NUMBER: IFLD-L-SA7B-750-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°	4.5	4.5	4.5	8.9	8.9	13.4	13.4	17.8	17.8	22.3	22.3
85°	26.7	26.7	26.7	31.2	31.2	35.6	40.1	44.5	49.0	49.0	53.4
82.5°	44.5	49.0	53.4	57.9	62.3	66.8	71.2	75.7	89.0	97.9	102.4
80°	44.5	49.0	62.3	71.2	80.1	89.0	89.0	89.0	89.0	93.5	102.4
77.5°	31.2	35.6	40.1	49.0	71.2	89.0	102.4	111.3	102.4	97.9	89.0
75°	17.8	22.3	26.7	31.2	44.5	62.3	84.6	106.8	124.6	120.2	111.3
72.5°	17.8	17.8	22.3	26.7	31.2	35.6	40.1	62.3	89.0	111.3	124.6
70°	17.8	22.3	22.3	26.7	31.2	35.6	40.1	49.0	62.3	89.0	115.7
67.5°	17.8	22.3	22.3	31.2	40.1	44.5	49.0	44.5	40.1	57.9	84.6
65°	17.8	17.8	22.3	26.7	31.2	35.6	49.0	49.0	44.5	44.5	44.5
62.5°	26.7	26.7	26.7	26.7	31.2	31.2	31.2	40.1	40.1	40.1	40.1
60°	53.4	49.0	49.0	49.0	49.0	40.1	40.1	40.1	35.6	40.1	35.6
57.5°	129.1	106.8	97.9	97.9	84.6	80.1	66.8	49.0	49.0	40.1	40.1
55°	262.7	249.3	209.2	173.6	155.8	138.0	106.8	89.0	66.8	53.4	49.0
52.5°	405.1	369.5	333.9	289.4	244.8	209.2	178.1	138.0	111.3	80.1	62.3
50°	529.8	498.6	458.5	409.6	351.7	307.2	262.7	209.2	164.7	124.6	89.0
47.5°	721.2	658.9	609.9	552.0	485.2	422.9	365.0	302.7	231.5	182.5	138.0
45°	926.0	836.9	770.1	716.7	627.7	543.1	476.3	409.6	325.0	240.4	187.0
42.5°	1068.4	1001.6	912.6	841.4	761.2	672.2	583.2	511.9	422.9	325.0	240.4
40°	1144.1	1099.6	1028.3	966.0	881.4	783.5	690.0	618.8	525.3	418.5	302.7
37.5°	1202.0	1179.7	1144.1	1095.1	1015.0	899.2	805.8	721.2	641.0	516.4	391.8
35°	1268.7	1264.3	1242.0	1219.8	1153.0	1041.7	930.4	832.5	734.5	618.8	480.8
32.5°	1331.1	1326.6	1313.3	1304.4	1277.6	1179.7	1059.5	948.2	836.9	716.7	565.4
30°	1362.2	1353.3	1353.3	1362.2	1335.5	1273.2	1184.2	1064.0	939.3	796.9	654.4
27.5°	1362.2	1353.3	1357.8	1371.1	1366.7	1335.5	1268.7	1170.8	1032.8	872.5	734.5
25°	1304.4	1348.9	1348.9	1366.7	1371.1	1362.2	1326.6	1264.3	1121.8	952.7	796.9
22.5°	1224.2	1331.1	1371.1	1366.7	1371.1	1393.4	1397.8	1340.0	1206.4	1032.8	859.2
20°	1224.2	1299.9	1415.6	1384.5	1393.4	1442.4	1464.6	1415.6	1295.5	1108.5	921.5
17.5°	1250.9	1299.9	1397.8	1446.8	1460.2	1500.2	1535.8	1504.7	1375.6	1188.6	1006.1
15°	1326.6	1317.7	1384.5	1504.7	1526.9	1558.1	1598.2	1562.6	1446.8	1277.6	1086.2
12.5°	1380.0	1331.1	1384.5	1513.6	1584.8	1616.0	1629.3	1602.6	1509.1	1357.8	1166.4
10°	1451.3	1366.7	1393.4	1504.7	1607.1	1629.3	1642.7	1633.8	1567.0	1424.6	1237.6
7.5°	1504.7	1384.5	1384.5	1491.3	1629.3	1647.1	1656.0	1664.9	1616.0	1482.4	1299.9
5°	1526.9	1384.5	1375.6	1478.0	1651.6	1669.4	1669.4	1682.8	1651.6	1526.9	1344.4
2.5°	1531.4	1380.0	1366.7	1469.1	1691.7	1691.7	1682.8	1696.1	1678.3	1553.7	1375.6
0°	1553.7	1375.6	1362.2	1482.4	1736.2	1718.4	1696.1	1700.6	1691.7	1567.0	1393.4
-2.5°	1553.7	1397.8	1380.0	1491.3	1731.7	1727.3	1718.4	1722.8	1713.9	1607.1	1429.0
-5°	1575.9	1429.0	1411.2	1531.4	1727.3	1740.6	1745.1	1745.1	1731.7	1633.8	1451.3
-7.5°	1580.4	1451.3	1446.8	1571.5	1736.2	1758.4	1771.8	1780.7	1754.0	1651.6	1469.1
-10°	1558.1	1460.2	1482.4	1620.4	1745.1	1776.2	1802.9	1816.3	1771.8	1660.5	1478.0
-12.5°	1509.1	1460.2	1518.0	1682.8	1767.3	1802.9	1843.0	1847.5	1789.6	1664.9	1482.4
-15°	1504.7	1495.8	1580.4	1745.1	1780.7	1825.2	1887.5	1874.2	1802.9	1664.9	1482.4
-17.5°	1500.2	1544.7	1673.8	1767.3	1802.9	1851.9	1900.9	1887.5	1811.9	1664.9	1473.5
-20°	1540.3	1624.9	1785.1	1789.6	1829.7	1883.1	1909.8	1883.1	1798.5	1651.6	1460.2

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-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°	1607.1	1767.3	1820.8	1838.6	1874.2	1914.2	1927.6	1887.5	1785.1	1629.3	1437.9
-25°	1776.2	1856.4	1856.4	1896.4	1932.0	1949.9	1936.5	1892.0	1767.3	1607.1	1415.6
-27.5°	1905.3	1900.9	1923.1	1963.2	1994.4	1994.4	1958.8	1869.7	1740.6	1584.8	1384.5
-30°	1954.3	1958.8	1989.9	2034.4	2043.3	2021.1	1967.7	1851.9	1718.4	1549.2	1344.4
-32.5°	2003.3	2021.1	2061.1	2083.4	2087.9	2043.3	1945.4	1820.8	1682.8	1509.1	1299.9
-35°	2061.1	2096.8	2119.0	2123.5	2101.2	2025.5	1914.2	1780.7	1629.3	1451.3	1259.8
-37.5°	2136.8	2154.6	2168.0	2150.2	2087.9	1998.8	1860.8	1727.3	1580.4	1388.9	1202.0
-40°	2185.8	2194.7	2199.2	2141.3	2065.6	1936.5	1802.9	1664.9	1495.8	1317.7	1139.6
-42.5°	2217.0	2208.1	2172.4	2110.1	1998.8	1874.2	1745.1	1589.3	1420.1	1246.5	1072.9
-45°	2208.1	2176.9	2123.5	2047.8	1932.0	1807.4	1656.0	1500.2	1340.0	1170.8	997.2
-47.5°	2172.4	2123.5	2056.7	1967.7	1860.8	1709.5	1558.1	1406.7	1250.9	1086.2	926.0
-50°	2127.9	2070.1	1989.9	1878.6	1736.2	1598.2	1460.2	1313.3	1153.0	1001.6	859.2
-52.5°	2079.0	2016.6	1914.2	1789.6	1633.8	1491.3	1357.8	1215.3	1068.4	926.0	801.3
-55°	2025.5	1963.2	1847.5	1705.0	1549.2	1393.4	1264.3	1144.1	1001.6	863.6	752.3
-57.5°	1998.8	1918.7	1798.5	1656.0	1491.3	1331.1	1219.8	1090.7	961.6	819.1	712.3
-60°	1976.6	1896.4	1785.1	1620.4	1464.6	1313.3	1184.2	1059.5	921.5	788.0	681.1
-62.5°	1914.2	1829.7	1727.3	1567.0	1415.6	1277.6	1161.9	1015.0	881.4	756.8	658.9
-65°	1789.6	1700.6	1611.5	1469.1	1331.1	1202.0	1086.2	952.7	828.0	721.2	636.6
-67.5°	1593.7	1518.0	1437.9	1317.7	1202.0	1086.2	979.4	863.6	761.2	685.6	641.0
-70°	1375.6	1295.5	1215.3	1117.4	1019.4	926.0	841.4	756.8	690.0	650.0	614.3
-72.5°	1001.6	966.0	926.0	850.3	770.1	712.3	672.2	636.6	587.6	552.0	529.8
-75°	667.8	618.8	556.5	529.8	534.2	525.3	503.0	476.3	454.1	440.7	409.6
-77.5°	520.9	494.1	463.0	431.8	418.5	405.1	387.3	365.0	347.2	316.1	271.6
-80°	480.8	458.5	436.3	414.0	391.8	360.6	325.0	289.4	271.6	258.2	253.7
-82.5°	396.2	369.5	342.8	320.5	289.4	267.1	244.8	227.0	227.0	222.6	218.1
-85°	227.0	218.1	204.8	195.9	187.0	173.6	160.3	151.4	146.9	142.5	138.0
-87.5°	115.7	111.3	102.4	97.9	93.5	89.0	80.1	75.7	71.2	71.2	66.8
-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: P723770

CATALOG NUMBER: IFLD-L-SA7B-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°	22.3	22.3	17.8	17.8	17.8	13.4	8.9	8.9	4.5	4.5	0.0
85°	53.4	44.5	40.1	35.6	35.6	26.7	17.8	13.4	8.9	4.5	4.5
82.5°	102.4	89.0	75.7	66.8	53.4	40.1	31.2	22.3	13.4	8.9	4.5
80°	115.7	115.7	111.3	93.5	75.7	57.9	40.1	26.7	17.8	13.4	8.9
77.5°	89.0	97.9	97.9	97.9	93.5	71.2	49.0	31.2	17.8	13.4	8.9
75°	102.4	89.0	84.6	89.0	84.6	71.2	57.9	35.6	22.3	17.8	8.9
72.5°	124.6	106.8	93.5	89.0	80.1	66.8	53.4	40.1	22.3	17.8	13.4
70°	115.7	111.3	102.4	93.5	80.1	66.8	53.4	40.1	26.7	17.8	13.4
67.5°	102.4	102.4	102.4	93.5	80.1	62.3	49.0	35.6	26.7	17.8	13.4
65°	71.2	84.6	93.5	89.0	80.1	62.3	49.0	35.6	26.7	22.3	13.4
62.5°	44.5	57.9	75.7	84.6	75.7	62.3	44.5	35.6	26.7	22.3	13.4
60°	40.1	44.5	53.4	66.8	71.2	57.9	44.5	31.2	26.7	22.3	13.4
57.5°	40.1	40.1	44.5	53.4	57.9	53.4	40.1	26.7	26.7	22.3	17.8
55°	44.5	40.1	40.1	44.5	49.0	49.0	40.1	26.7	26.7	22.3	17.8
52.5°	53.4	44.5	40.1	40.1	40.1	44.5	35.6	26.7	26.7	22.3	17.8
50°	66.8	53.4	49.0	40.1	40.1	40.1	35.6	26.7	22.3	22.3	17.8
47.5°	89.0	71.2	53.4	49.0	40.1	35.6	31.2	26.7	22.3	22.3	17.8
45°	133.6	84.6	71.2	53.4	44.5	40.1	35.6	26.7	22.3	22.3	17.8
42.5°	182.5	124.6	89.0	62.3	49.0	40.1	35.6	31.2	22.3	22.3	17.8
40°	231.5	169.2	111.3	80.1	57.9	44.5	35.6	31.2	26.7	22.3	17.8
37.5°	284.9	209.2	146.9	102.4	66.8	49.0	40.1	31.2	26.7	22.3	17.8
35°	351.7	262.7	182.5	124.6	80.1	57.9	44.5	31.2	26.7	22.3	17.8
32.5°	427.4	311.6	218.1	151.4	102.4	71.2	49.0	35.6	26.7	22.3	17.8
30°	498.6	369.5	258.2	182.5	124.6	80.1	53.4	35.6	26.7	22.3	13.4
27.5°	569.8	427.4	307.2	213.7	151.4	93.5	57.9	40.1	26.7	22.3	17.8
25°	641.0	485.2	356.1	244.8	173.6	111.3	71.2	44.5	26.7	22.3	17.8
22.5°	703.4	543.1	400.7	280.5	200.3	129.1	80.1	49.0	31.2	22.3	17.8
20°	774.6	605.4	449.6	320.5	222.6	146.9	89.0	53.4	31.2	22.3	17.8
17.5°	841.4	667.8	498.6	356.1	249.3	164.7	102.4	57.9	35.6	22.3	17.8
15°	908.2	725.6	543.1	391.8	276.0	182.5	111.3	62.3	40.1	22.3	17.8
12.5°	970.5	779.1	583.2	422.9	298.3	200.3	120.2	66.8	44.5	22.3	17.8
10°	1028.3	828.0	623.2	449.6	320.5	213.7	129.1	75.7	49.0	22.3	17.8
7.5°	1086.2	868.1	654.4	476.3	347.2	231.5	138.0	80.1	53.4	26.7	17.8
5°	1121.8	903.7	681.1	498.6	369.5	249.3	146.9	84.6	57.9	26.7	17.8
2.5°	1153.0	930.4	698.9	520.9	391.8	262.7	146.9	89.0	62.3	26.7	17.8
0°	1170.8	948.2	712.3	534.2	409.6	271.6	151.4	93.5	66.8	26.7	17.8
-2.5°	1210.9	979.4	743.4	552.0	427.4	298.3	160.3	97.9	71.2	31.2	17.8
-5°	1237.6	997.2	765.7	569.8	440.7	325.0	173.6	106.8	80.1	40.1	22.3
-7.5°	1259.8	1015.0	783.5	578.7	454.1	333.9	178.1	111.3	84.6	44.5	22.3
-10°	1264.3	1023.9	796.9	592.1	463.0	347.2	182.5	115.7	89.0	49.0	22.3
-12.5°	1268.7	1032.8	801.3	601.0	471.9	356.1	187.0	120.2	93.5	53.4	22.3
-15°	1264.3	1028.3	801.3	609.9	476.3	347.2	195.9	124.6	97.9	57.9	22.3
-17.5°	1255.4	1023.9	796.9	605.4	471.9	338.3	200.3	133.6	97.9	62.3	26.7
-20°	1242.0	1010.5	788.0	601.0	467.4	329.4	204.8	138.0	102.4	62.3	26.7

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-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°	1219.8	988.3	770.1	587.6	458.5	320.5	204.8	146.9	106.8	62.3	26.7
-25°	1193.1	966.0	752.3	569.8	445.2	307.2	204.8	151.4	111.3	62.3	26.7
-27.5°	1161.9	943.8	725.6	556.5	427.4	298.3	204.8	155.8	115.7	62.3	26.7
-30°	1126.3	912.6	703.4	534.2	414.0	298.3	209.2	160.3	120.2	62.3	26.7
-32.5°	1090.7	881.4	676.7	516.4	396.2	293.8	209.2	164.7	124.6	57.9	31.2
-35°	1050.6	845.8	654.4	503.0	382.8	284.9	213.7	164.7	120.2	57.9	31.2
-37.5°	1001.6	801.3	632.1	489.7	373.9	276.0	213.7	169.2	115.7	57.9	31.2
-40°	948.2	765.7	605.4	471.9	360.6	271.6	213.7	169.2	111.3	57.9	35.6
-42.5°	890.3	725.6	578.7	454.1	347.2	267.1	213.7	169.2	106.8	57.9	35.6
-45°	836.9	685.6	547.6	431.8	333.9	267.1	213.7	164.7	97.9	62.3	35.6
-47.5°	779.1	641.0	511.9	409.6	329.4	262.7	209.2	155.8	89.0	62.3	35.6
-50°	730.1	596.5	485.2	387.3	320.5	267.1	213.7	142.5	89.0	62.3	35.6
-52.5°	681.1	565.4	454.1	378.4	311.6	271.6	209.2	133.6	89.0	62.3	35.6
-55°	641.0	534.2	436.3	365.0	320.5	280.5	200.3	120.2	89.0	62.3	35.6
-57.5°	609.9	516.4	422.9	369.5	333.9	271.6	187.0	115.7	89.0	57.9	35.6
-60°	587.6	498.6	427.4	387.3	338.3	258.2	178.1	115.7	89.0	57.9	31.2
-62.5°	569.8	503.0	449.6	400.7	320.5	240.4	169.2	115.7	80.1	53.4	31.2
-65°	574.3	520.9	458.5	382.8	307.2	222.6	155.8	111.3	75.7	49.0	31.2
-67.5°	587.6	507.5	431.8	360.6	276.0	200.3	142.5	102.4	71.2	49.0	31.2
-70°	543.1	467.4	391.8	307.2	235.9	173.6	133.6	93.5	62.3	44.5	31.2
-72.5°	489.7	391.8	311.6	249.3	200.3	160.3	120.2	84.6	57.9	40.1	26.7
-75°	356.1	284.9	231.5	209.2	178.1	142.5	106.8	75.7	53.4	40.1	26.7
-77.5°	253.7	235.9	213.7	191.4	160.3	124.6	93.5	71.2	49.0	35.6	22.3
-80°	249.3	227.0	200.3	164.7	133.6	106.8	80.1	62.3	44.5	31.2	17.8
-82.5°	209.2	178.1	151.4	124.6	102.4	84.6	66.8	49.0	35.6	22.3	13.4
-85°	129.1	111.3	97.9	84.6	71.2	57.9	44.5	31.2	22.3	13.4	8.9
-87.5°	62.3	57.9	49.0	40.1	35.6	26.7	22.3	17.8	13.4	8.9	4.5
-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: P723770

CATALOG NUMBER: IFLD-L-SA7B-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°	4.5	0.0	0.0	0.0
80°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	8.9	4.5	4.5	0.0
67.5°	8.9	4.5	4.5	0.0
65°	8.9	4.5	4.5	0.0
62.5°	8.9	4.5	4.5	0.0
60°	8.9	4.5	4.5	0.0
57.5°	8.9	4.5	4.5	0.0
55°	8.9	4.5	4.5	0.0
52.5°	8.9	4.5	4.5	0.0
50°	8.9	4.5	4.5	0.0
47.5°	8.9	8.9	4.5	0.0
45°	8.9	8.9	4.5	0.0
42.5°	8.9	8.9	4.5	0.0
40°	8.9	8.9	4.5	0.0
37.5°	8.9	8.9	4.5	0.0
35°	8.9	8.9	4.5	0.0
32.5°	13.4	8.9	4.5	0.0
30°	13.4	8.9	8.9	0.0
27.5°	13.4	8.9	8.9	0.0
25°	13.4	8.9	8.9	0.0
22.5°	13.4	8.9	8.9	0.0
20°	13.4	8.9	8.9	0.0
17.5°	13.4	8.9	8.9	0.0
15°	13.4	8.9	8.9	0.0
12.5°	13.4	8.9	8.9	0.0
10°	13.4	8.9	8.9	0.0
7.5°	13.4	8.9	8.9	0.0
5°	13.4	8.9	8.9	0.0
2.5°	13.4	8.9	8.9	0.0
0°	13.4	8.9	8.9	0.0
-2.5°	13.4	8.9	8.9	0.0
-5°	13.4	8.9	8.9	0.0
-7.5°	13.4	8.9	8.9	0.0
-10°	13.4	8.9	8.9	0.0
-12.5°	17.8	8.9	8.9	0.0
-15°	17.8	8.9	8.9	0.0
-17.5°	17.8	8.9	8.9	0.0
-20°	17.8	8.9	8.9	0.0

REPORT NUMBER: P723770

CATALOG NUMBER: IFLD-L-SA7B-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.8	8.9	8.9	0.0
-25°	17.8	8.9	8.9	0.0
-27.5°	17.8	8.9	8.9	0.0
-30°	17.8	8.9	8.9	0.0
-32.5°	17.8	8.9	8.9	0.0
-35°	17.8	8.9	8.9	0.0
-37.5°	17.8	8.9	8.9	0.0
-40°	17.8	8.9	8.9	0.0
-42.5°	13.4	8.9	4.5	0.0
-45°	17.8	8.9	4.5	0.0
-47.5°	17.8	8.9	4.5	0.0
-50°	17.8	8.9	4.5	0.0
-52.5°	17.8	8.9	4.5	0.0
-55°	17.8	8.9	4.5	0.0
-57.5°	17.8	8.9	4.5	0.0
-60°	17.8	8.9	4.5	0.0
-62.5°	17.8	8.9	4.5	0.0
-65°	17.8	8.9	4.5	0.0
-67.5°	17.8	8.9	4.5	0.0
-70°	17.8	4.5	4.5	0.0
-72.5°	13.4	4.5	4.5	0.0
-75°	13.4	4.5	4.5	0.0
-77.5°	8.9	4.5	0.0	0.0
-80°	8.9	4.5	0.0	0.0
-82.5°	8.9	4.5	0.0	0.0
-85°	4.5	0.0	0.0	0.0
-87.5°	4.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)