

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: P723746

Luminaire Tested: **IFLD-L-SA8B-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723746
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21545.4 lumens	Max Intensity:	506888 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.3 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:	7813.3 lumens	Field Lumens:	12455.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

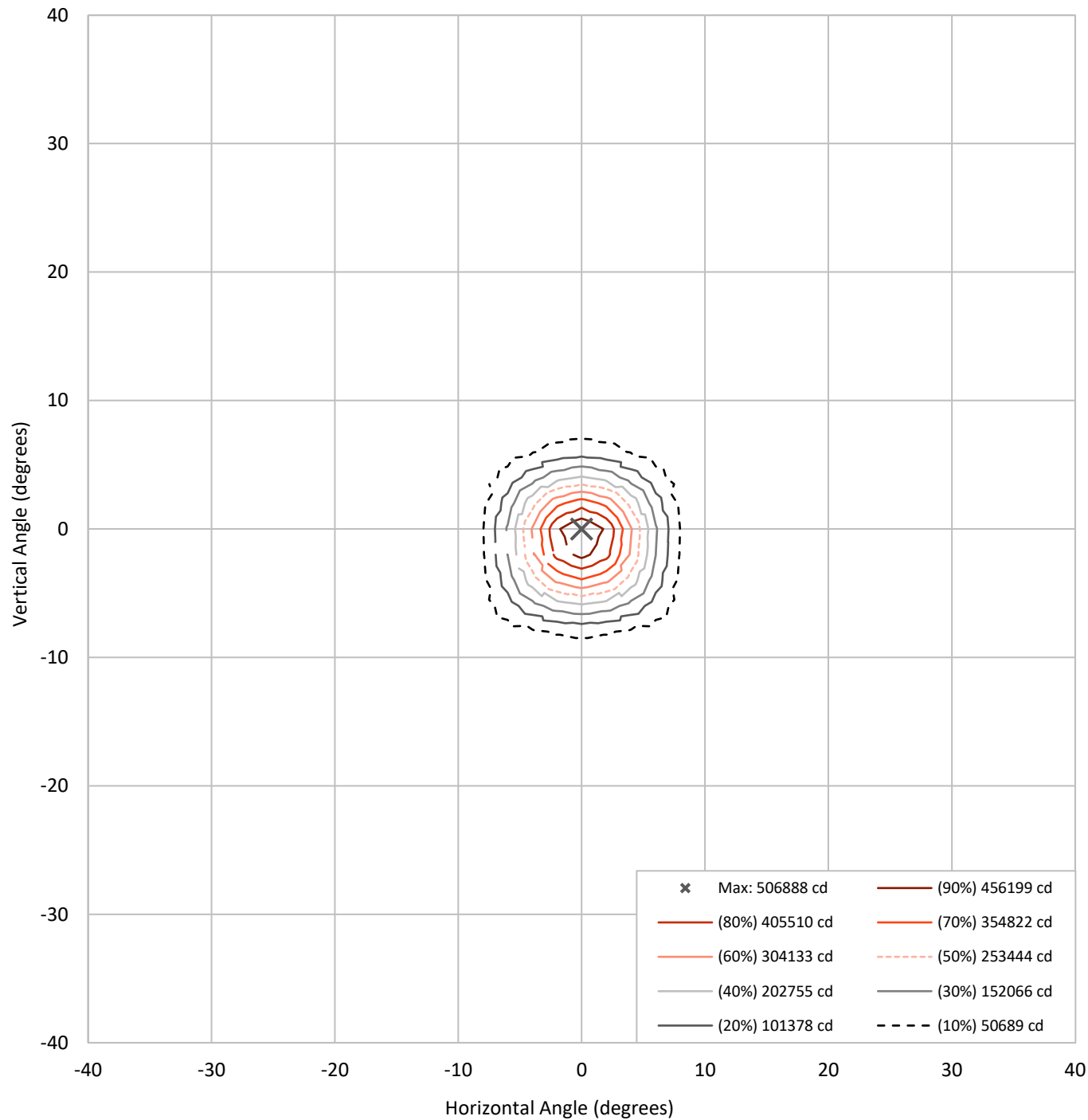
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723746
CATALOG NUMBER: IFLD-L-SA8B-740-U-11-VI

Iso-Candela Plot



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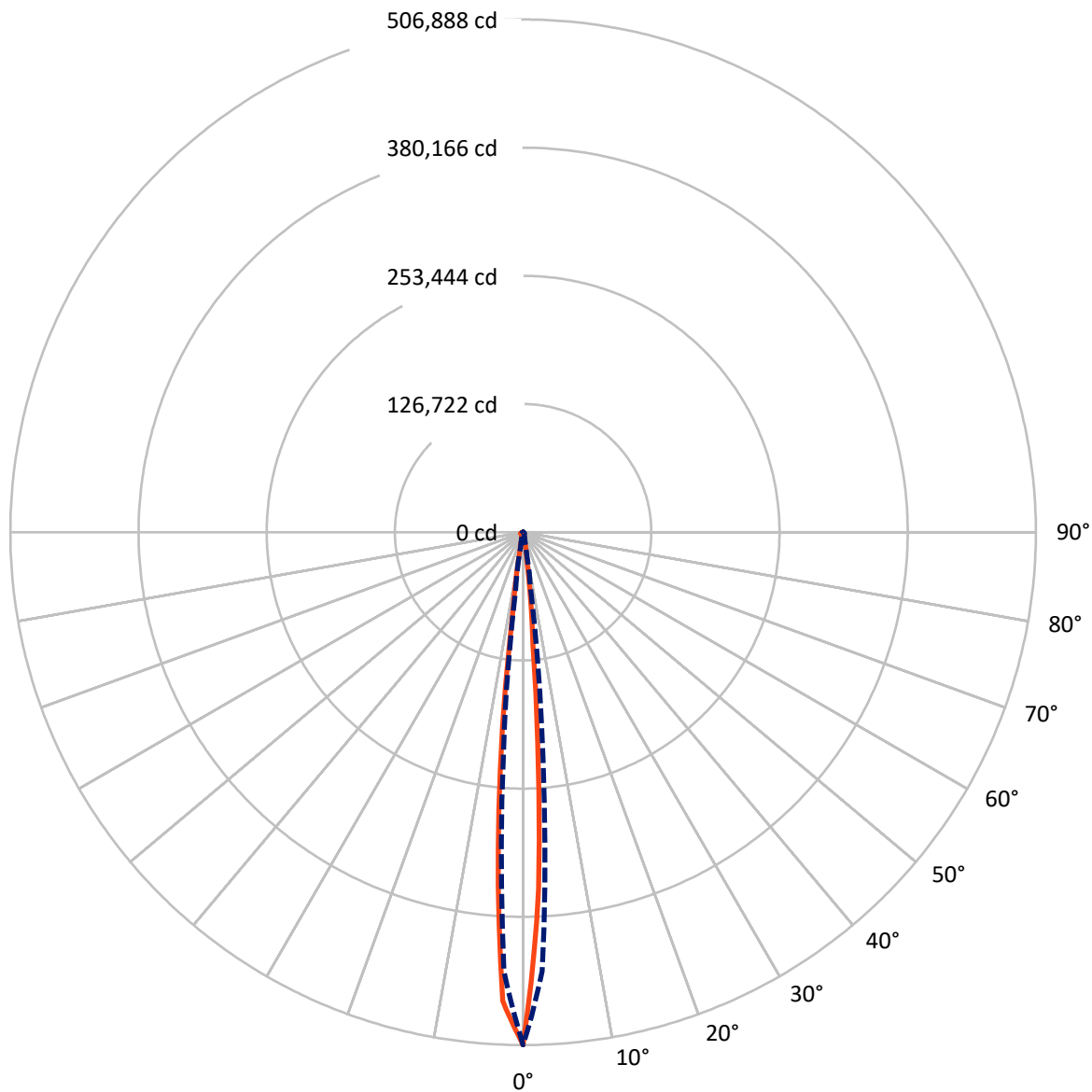
Lumen Table

90																		
80	0.4	4.8		5.2		2.0		0.6		2.0		5.2		4.8		0.4		
70																		
60	0.5	1.1	1.4	1.0	0.9	0.7	0.5	0.3	0.3	0.5	0.7	0.9	1.0	1.4	1.1	0.5		
50		0.7	1.0	2.5	5.5	9.1	11.7	13.4	13.4	11.7	9.1	5.5	2.5	1.0	0.7			
40	0.5	0.7	2.9	9.8	19.3	28.3	34.0	37.7	37.7	34.0	28.3	19.3	9.8	2.9	0.7	0.5		
30		1.4	7.5	20.2	32.8	38.5	41.6	43.0	43.0	41.6	38.5	20.2	7.5	1.4				
20	0.9	2.8	12.8	29.3	38.0	39.1	46.1	55.5	55.5	46.1	39.1	38.0	29.3	12.8	2.8	0.9		
10		4.4	17.9	36.0	40.5	45.7	80.3	136.7	136.7	80.3	45.7	40.5	36.0	17.9	4.4			
0	1.4	5.7	22.0	39.6	42.0	56.4	152.6	2828.4	2828.4	152.6	56.4	42.0	39.6	22.0	5.7	1.4		
-10		6.7	24.1	41.6	43.5	58.3	164.4	4124.0	4124.0	164.4	58.3	43.5	41.6	24.1	6.7			
-20	2.1	7.1	24.7	43.8	47.1	52.6	95.6	183.4	183.4	95.6	52.6	47.1	43.8	24.7	7.1	2.1		
-30		6.7	23.4	44.3	52.9	53.0	61.9	75.5	75.5	61.9	53.0	52.9	44.3	23.4	6.7			
-40	2.3	6.0	20.7	42.4	58.2	63.4	66.0	66.5	66.5	66.0	63.4	58.2	42.4	20.7	6.0	2.3		
-50		5.2	16.7	36.0	56.1	68.2	76.4	80.1	80.1	76.4	68.2	56.1	36.0	16.7	5.2			
-60	1.8	4.7	12.9	27.9	47.8	64.2	74.6	78.9	78.9	74.6	64.2	47.8	27.9	12.9	4.7	1.8		
-70		4.4	11.3	22.7	39.9	56.2	68.0	73.4	73.4	68.0	56.2	39.9	22.7	11.3	4.4			
-80	0.8	13.3		39.7		73.5		81.2		73.5		39.7		13.3		0.8		
-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: P723746

CATALOG NUMBER: IFLD-L-SA8B-740-U-11-VI

Luminous Intensity Polar Plot



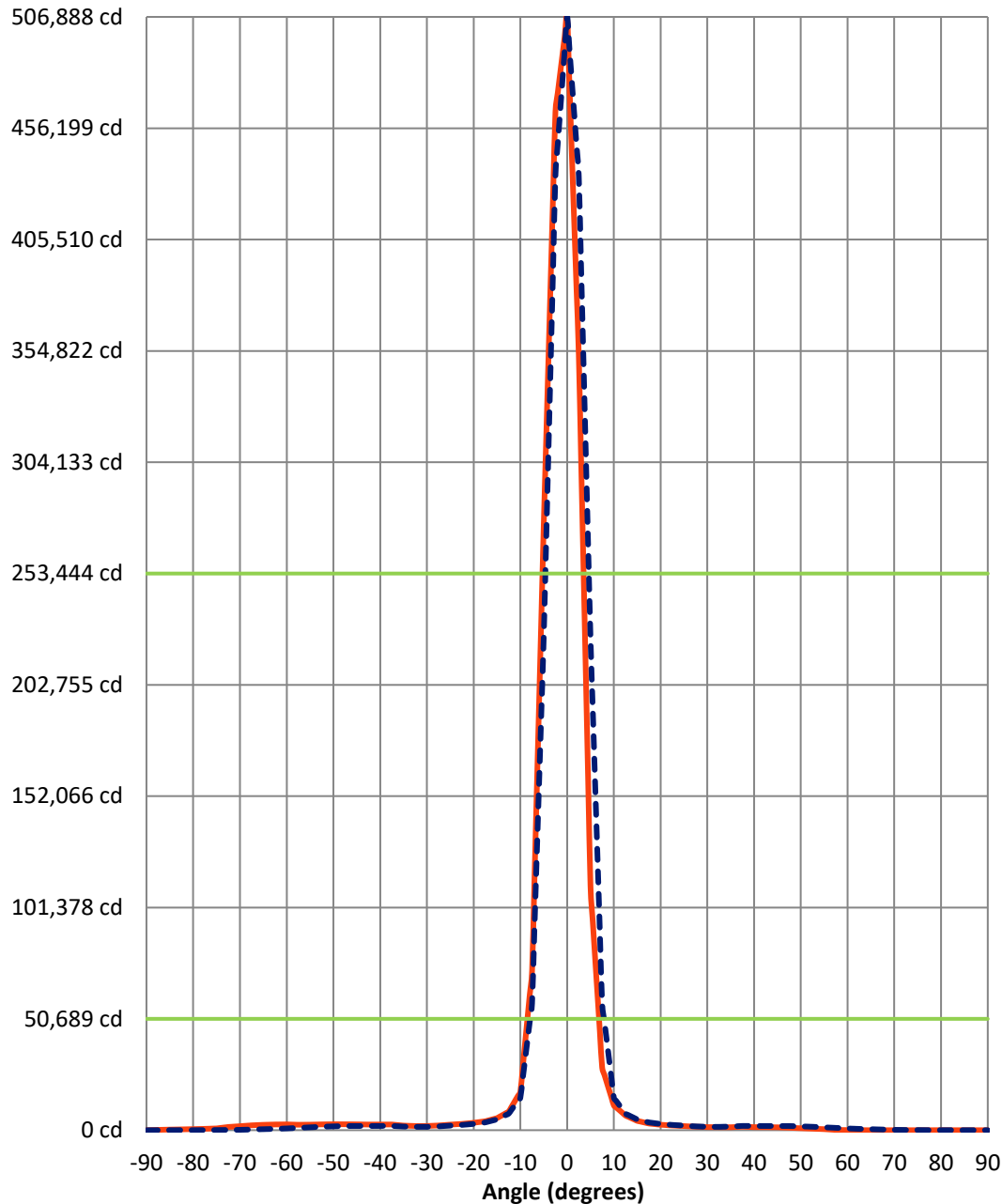
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P723746
CATALOG NUMBER: IFLD-L-SA8B-740-U-11-VI

Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 7813.3
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 12455.8
Efficiency: 57.8%

Spill:
Lumens: 9089.6
Efficiency: 42.2%

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

REPORT NUMBER: P723746

CATALOG NUMBER: IFLD-L-SA8B-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	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	0.0	5.0	5.0	9.9	9.9	9.9	14.9	19.9	24.9	24.9	29.8
82.5°	0.0	5.0	5.0	9.9	9.9	14.9	14.9	24.9	29.8	34.8	44.8
80°	5.0	5.0	5.0	9.9	9.9	14.9	14.9	19.9	24.9	34.8	39.8
77.5°	0.0	5.0	5.0	5.0	9.9	9.9	9.9	14.9	19.9	24.9	29.8
75°	0.0	5.0	5.0	5.0	9.9	9.9	9.9	9.9	14.9	14.9	19.9
72.5°	0.0	0.0	0.0	5.0	5.0	9.9	9.9	9.9	14.9	14.9	14.9
70°	0.0	0.0	0.0	5.0	5.0	9.9	9.9	9.9	14.9	14.9	14.9
67.5°	0.0	0.0	0.0	5.0	5.0	9.9	9.9	9.9	14.9	14.9	14.9
65°	0.0	0.0	0.0	5.0	5.0	9.9	9.9	14.9	14.9	14.9	14.9
62.5°	5.0	5.0	5.0	9.9	14.9	14.9	19.9	24.9	24.9	24.9	24.9
60°	49.7	54.7	59.7	59.7	54.7	54.7	59.7	59.7	59.7	59.7	59.7
57.5°	134.3	144.2	149.2	149.2	149.2	144.2	164.1	169.1	149.2	139.3	154.2
55°	467.5	482.4	472.5	457.6	427.7	392.9	383.0	378.0	383.0	358.1	318.3
52.5°	681.4	696.3	691.3	681.4	661.5	636.6	616.7	596.8	576.9	537.2	492.4
50°	885.3	890.3	885.3	875.4	855.5	830.6	790.8	746.1	706.3	696.3	656.5
47.5°	1114.1	1129.0	1129.0	1124.1	1109.1	1064.4	1004.7	940.0	910.2	900.2	860.4
45°	1318.0	1328.0	1332.9	1337.9	1332.9	1288.2	1233.5	1198.7	1134.0	1114.1	1114.1
42.5°	1372.7	1377.7	1382.7	1387.7	1402.6	1367.8	1323.0	1263.3	1248.4	1243.4	1233.5
40°	1392.6	1382.7	1387.7	1392.6	1397.6	1372.7	1337.9	1303.1	1293.2	1283.2	1283.2
37.5°	1581.6	1536.9	1502.1	1472.2	1447.3	1422.5	1387.7	1357.8	1332.9	1313.1	1332.9
35°	1347.9	1347.9	1382.7	1412.5	1442.4	1472.2	1477.2	1442.4	1387.7	1362.8	1397.6
32.5°	1377.7	1377.7	1377.7	1387.7	1397.6	1422.5	1447.3	1462.3	1502.1	1457.3	1457.3
30°	1407.6	1412.5	1422.5	1427.4	1412.5	1402.6	1392.6	1392.6	1417.5	1482.2	1517.0
27.5°	1581.6	1581.6	1566.7	1546.8	1502.1	1432.4	1397.6	1347.9	1352.8	1382.7	1467.2
25°	1865.1	1855.2	1820.4	1770.6	1691.1	1591.6	1497.1	1392.6	1347.9	1332.9	1367.8
22.5°	2133.7	2118.8	2074.0	2029.3	1964.6	1865.1	1706.0	1546.8	1407.6	1347.9	1332.9
20°	2476.9	2442.1	2392.3	2322.7	2218.3	2118.8	1979.5	1770.6	1566.7	1412.5	1352.8
17.5°	3029.0	2984.2	2889.7	2765.4	2586.3	2432.1	2233.2	2034.2	1805.4	1556.8	1422.5
15°	4237.6	4123.2	3959.1	3615.9	3262.7	2969.3	2670.9	2337.6	2103.9	1775.6	1571.7
12.5°	6664.7	6351.4	5873.9	5073.2	4282.3	3600.9	3118.5	2690.8	2312.8	2009.4	1720.9
10°	11280.3	10608.9	9290.8	7102.4	5645.1	4391.8	3526.3	2954.4	2476.9	2163.6	1845.2
7.5°	28529.1	23271.9	16467.9	11245.5	7385.9	5366.6	4033.7	3203.1	2651.0	2263.0	1944.7
5°	111191.7	91595.4	48861.5	20392.1	11111.2	6490.7	4491.2	3402.0	2765.4	2337.6	2019.3
2.5°	352887.8	304742.6	159884.0	43897.7	13642.8	7311.3	4804.6	3526.3	2830.0	2392.3	2074.0
0°	506888.0	434421.4	224387.7	57734.5	14796.7	7520.2	4904.1	3551.2	2840.0	2402.3	2074.0
-2.5°	463716.4	405842.7	216758.1	53725.7	15120.0	7579.9	4983.6	3635.8	2914.6	2447.1	2088.9
-5°	275537.1	241686.2	151205.0	38307.3	13433.9	7037.8	4774.7	3561.2	2864.8	2422.2	2079.0
-7.5°	72595.9	62847.5	41341.3	19989.2	8694.0	5953.5	4386.8	3436.8	2800.2	2377.4	2039.2
-10°	17502.4	16587.2	14816.6	9081.9	6769.2	4973.7	3889.4	3213.0	2670.9	2317.7	1974.6
-12.5°	8440.3	8241.4	7480.4	6167.4	5023.4	4133.1	3521.4	2979.2	2551.5	2213.3	1885.0
-15°	5490.9	5376.6	5117.9	4615.6	4033.7	3605.9	3178.2	2740.5	2402.3	2059.1	1810.4
-17.5°	4063.5	4058.5	3929.2	3740.2	3451.7	3133.4	2820.1	2541.6	2213.3	1919.8	1730.8
-20°	3367.2	3367.2	3292.6	3168.2	2964.3	2755.4	2546.5	2287.9	2019.3	1800.5	1720.9

REPORT NUMBER: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	2859.9	2864.8	2825.1	2745.5	2636.1	2462.0	2258.1	2049.2	1855.2	1775.6	1750.7
-25°	2531.6	2521.7	2476.9	2402.3	2287.9	2148.6	2014.3	1875.1	1820.4	1800.5	1835.3
-27.5°	2143.7	2158.6	2138.7	2103.9	2029.3	1929.8	1899.9	1860.2	1870.1	1899.9	2034.2
-30°	1914.9	1929.8	1949.7	1964.6	1939.7	1914.9	1924.8	1954.7	2019.3	2133.7	2183.4
-32.5°	1914.9	1919.8	1949.7	1979.5	1994.4	2014.3	2069.1	2168.5	2263.0	2233.2	2223.2
-35°	2088.9	2074.0	2113.8	2153.6	2208.3	2277.9	2337.6	2317.7	2282.9	2273.0	2282.9
-37.5°	2586.3	2491.8	2452.0	2427.2	2412.2	2402.3	2387.4	2372.4	2357.5	2347.6	2362.5
-40°	2581.3	2556.5	2531.6	2511.7	2496.8	2476.9	2466.9	2462.0	2447.1	2437.1	2427.2
-42.5°	2571.4	2581.3	2581.3	2576.4	2581.3	2576.4	2561.4	2541.6	2516.7	2496.8	2476.9
-45°	2646.0	2651.0	2660.9	2670.9	2685.8	2665.9	2636.1	2601.2	2566.4	2536.6	2511.7
-47.5°	2690.8	2695.7	2705.7	2720.6	2730.6	2710.7	2670.9	2626.1	2571.4	2521.7	2471.9
-50°	2705.7	2720.6	2725.6	2725.6	2720.6	2695.7	2636.1	2571.4	2511.7	2462.0	2417.2
-52.5°	2636.1	2651.0	2655.9	2646.0	2641.0	2616.2	2561.4	2501.8	2437.1	2402.3	2362.5
-55°	2521.7	2541.6	2556.5	2556.5	2556.5	2551.5	2501.8	2447.1	2397.3	2357.5	2317.7
-57.5°	2476.9	2511.7	2541.6	2546.5	2551.5	2556.5	2521.7	2466.9	2407.3	2347.6	2297.8
-60°	2641.0	2670.9	2685.8	2665.9	2651.0	2636.1	2581.3	2516.7	2457.0	2397.3	2302.8
-62.5°	2596.3	2646.0	2670.9	2655.9	2636.1	2611.2	2551.5	2476.9	2407.3	2342.6	2248.1
-65°	2452.0	2496.8	2526.6	2501.8	2471.9	2437.1	2382.4	2312.8	2248.1	2183.4	2098.9
-67.5°	2208.3	2273.0	2322.7	2268.0	2228.2	2183.4	2138.7	2079.0	2014.3	1939.7	1860.2
-70°	1825.3	1875.1	1919.8	1904.9	1895.0	1885.0	1855.2	1795.5	1740.8	1681.1	1611.5
-72.5°	1467.2	1512.0	1551.8	1526.9	1507.0	1477.2	1432.4	1367.8	1303.1	1238.4	1173.8
-75°	810.7	825.6	840.6	835.6	835.6	835.6	835.6	840.6	830.6	815.7	785.8
-77.5°	621.7	641.6	656.5	666.5	681.4	701.3	716.2	691.3	666.5	641.6	611.8
-80°	487.4	507.3	522.2	576.9	616.7	661.5	691.3	656.5	621.7	591.9	567.0
-82.5°	368.1	383.0	397.9	427.7	447.6	472.5	492.4	492.4	487.4	482.4	467.5
-85°	268.6	288.5	308.4	318.3	333.2	333.2	338.2	318.3	298.4	283.5	263.6
-87.5°	154.2	159.2	159.2	159.2	164.1	164.1	164.1	154.2	149.2	139.3	134.3
-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: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	5.0	5.0	5.0	9.9	9.9	14.9	14.9	19.9	19.9	24.9	24.9
85°	29.8	29.8	29.8	34.8	34.8	39.8	44.8	49.7	54.7	54.7	59.7
82.5°	49.7	54.7	59.7	64.7	69.6	74.6	79.6	84.6	99.5	109.4	114.4
80°	49.7	54.7	69.6	79.6	89.5	99.5	99.5	99.5	99.5	104.4	114.4
77.5°	34.8	39.8	44.8	54.7	79.6	99.5	114.4	124.3	114.4	109.4	99.5
75°	19.9	24.9	29.8	34.8	49.7	69.6	94.5	119.4	139.3	134.3	124.3
72.5°	19.9	19.9	24.9	29.8	34.8	39.8	44.8	69.6	99.5	124.3	139.3
70°	19.9	24.9	24.9	29.8	34.8	39.8	44.8	54.7	69.6	99.5	129.3
67.5°	19.9	24.9	24.9	34.8	44.8	49.7	54.7	49.7	44.8	64.7	94.5
65°	19.9	19.9	24.9	29.8	34.8	39.8	54.7	54.7	49.7	49.7	49.7
62.5°	29.8	29.8	29.8	29.8	34.8	34.8	34.8	44.8	44.8	44.8	44.8
60°	59.7	54.7	54.7	54.7	54.7	44.8	44.8	44.8	39.8	44.8	39.8
57.5°	144.2	119.4	109.4	109.4	94.5	89.5	74.6	54.7	54.7	44.8	44.8
55°	293.4	278.5	233.8	194.0	174.1	154.2	119.4	99.5	74.6	59.7	54.7
52.5°	452.6	412.8	373.0	323.3	273.6	233.8	198.9	154.2	124.3	89.5	69.6
50°	591.9	557.1	512.3	457.6	392.9	343.2	293.4	233.8	184.0	139.3	99.5
47.5°	805.7	736.1	681.4	616.7	542.1	472.5	407.8	338.2	258.6	203.9	154.2
45°	1034.5	935.1	860.4	800.8	701.3	606.8	532.2	457.6	363.1	268.6	208.9
42.5°	1193.7	1119.1	1019.6	940.0	850.5	751.0	651.6	572.0	472.5	363.1	268.6
40°	1278.2	1228.5	1148.9	1079.3	984.8	875.4	770.9	691.3	586.9	467.5	338.2
37.5°	1342.9	1318.0	1278.2	1223.5	1134.0	1004.7	900.2	805.7	716.2	576.9	437.7
35°	1417.5	1412.5	1387.7	1362.8	1288.2	1163.8	1039.5	930.1	820.7	691.3	537.2
32.5°	1487.1	1482.2	1467.2	1457.3	1427.4	1318.0	1183.7	1059.4	935.1	800.8	631.7
30°	1521.9	1512.0	1512.0	1521.9	1492.1	1422.5	1323.0	1188.7	1049.4	890.3	731.1
27.5°	1521.9	1512.0	1517.0	1531.9	1526.9	1492.1	1417.5	1308.1	1153.9	974.8	820.7
25°	1457.3	1507.0	1507.0	1526.9	1531.9	1521.9	1482.2	1412.5	1253.4	1064.4	890.3
22.5°	1367.8	1487.1	1531.9	1526.9	1531.9	1556.8	1561.7	1497.1	1347.9	1153.9	959.9
20°	1367.8	1452.3	1581.6	1546.8	1556.8	1611.5	1636.3	1581.6	1447.3	1238.4	1029.6
17.5°	1397.6	1452.3	1561.7	1616.4	1631.4	1676.1	1715.9	1681.1	1536.9	1328.0	1124.1
15°	1482.2	1472.2	1546.8	1681.1	1706.0	1740.8	1785.6	1745.8	1616.4	1427.4	1213.6
12.5°	1541.8	1487.1	1546.8	1691.1	1770.6	1805.4	1820.4	1790.5	1686.1	1517.0	1303.1
10°	1621.4	1526.9	1556.8	1681.1	1795.5	1820.4	1835.3	1825.3	1750.7	1591.6	1382.7
7.5°	1681.1	1546.8	1546.8	1666.2	1820.4	1840.3	1850.2	1860.2	1805.4	1656.2	1452.3
5°	1706.0	1546.8	1536.9	1651.3	1845.2	1865.1	1865.1	1880.1	1845.2	1706.0	1502.1
2.5°	1710.9	1541.8	1526.9	1641.3	1890.0	1890.0	1880.1	1895.0	1875.1	1735.8	1536.9
0°	1735.8	1536.9	1521.9	1656.2	1939.7	1919.8	1895.0	1899.9	1890.0	1750.7	1556.8
-2.5°	1735.8	1561.7	1541.8	1666.2	1934.8	1929.8	1919.8	1924.8	1914.9	1795.5	1596.6
-5°	1760.7	1596.6	1576.7	1710.9	1929.8	1944.7	1949.7	1949.7	1934.8	1825.3	1621.4
-7.5°	1765.7	1621.4	1616.4	1755.7	1939.7	1964.6	1979.5	1989.5	1959.6	1845.2	1641.3
-10°	1740.8	1631.4	1656.2	1810.4	1949.7	1984.5	2014.3	2029.3	1979.5	1855.2	1651.3
-12.5°	1686.1	1631.4	1696.0	1880.1	1974.6	2014.3	2059.1	2064.1	1999.4	1860.2	1656.2
-15°	1681.1	1671.2	1765.7	1949.7	1989.5	2039.2	2108.8	2093.9	2014.3	1860.2	1656.2
-17.5°	1676.1	1725.9	1870.1	1974.6	2014.3	2069.1	2123.8	2108.8	2024.3	1860.2	1646.3
-20°	1720.9	1815.4	1994.4	1999.4	2044.2	2103.9	2133.7	2103.9	2009.4	1845.2	1631.4



REPORT NUMBER: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	1795.5	1974.6	2034.2	2054.1	2093.9	2138.7	2153.6	2108.8	1994.4	1820.4	1606.5
-25°	1984.5	2074.0	2074.0	2118.8	2158.6	2178.5	2163.6	2113.8	1974.6	1795.5	1581.6
-27.5°	2128.7	2123.8	2148.6	2193.4	2228.2	2228.2	2188.4	2088.9	1944.7	1770.6	1546.8
-30°	2183.4	2188.4	2223.2	2273.0	2282.9	2258.1	2198.4	2069.1	1919.8	1730.8	1502.1
-32.5°	2238.2	2258.1	2302.8	2327.7	2332.7	2282.9	2173.5	2034.2	1880.1	1686.1	1452.3
-35°	2302.8	2342.6	2367.5	2372.4	2347.6	2263.0	2138.7	1989.5	1820.4	1621.4	1407.6
-37.5°	2387.4	2407.3	2422.2	2402.3	2332.7	2233.2	2079.0	1929.8	1765.7	1551.8	1342.9
-40°	2442.1	2452.0	2457.0	2392.3	2307.8	2163.6	2014.3	1860.2	1671.2	1472.2	1273.3
-42.5°	2476.9	2466.9	2427.2	2357.5	2233.2	2093.9	1949.7	1775.6	1586.6	1392.6	1198.7
-45°	2466.9	2432.1	2372.4	2287.9	2158.6	2019.3	1850.2	1676.1	1497.1	1308.1	1114.1
-47.5°	2427.2	2372.4	2297.8	2198.4	2079.0	1909.9	1740.8	1571.7	1397.6	1213.6	1034.5
-50°	2377.4	2312.8	2223.2	2098.9	1939.7	1785.6	1631.4	1467.2	1288.2	1119.1	959.9
-52.5°	2322.7	2253.1	2138.7	1999.4	1825.3	1666.2	1517.0	1357.8	1193.7	1034.5	895.3
-55°	2263.0	2193.4	2064.1	1904.9	1730.8	1556.8	1412.5	1278.2	1119.1	964.9	840.6
-57.5°	2233.2	2143.7	2009.4	1850.2	1666.2	1487.1	1362.8	1218.6	1074.3	915.2	795.8
-60°	2208.3	2118.8	1994.4	1810.4	1636.3	1467.2	1323.0	1183.7	1029.6	880.3	761.0
-62.5°	2138.7	2044.2	1929.8	1750.7	1581.6	1427.4	1298.1	1134.0	984.8	845.5	736.1
-65°	1999.4	1899.9	1800.5	1641.3	1487.1	1342.9	1213.6	1064.4	925.1	805.7	711.2
-67.5°	1780.6	1696.0	1606.5	1472.2	1342.9	1213.6	1094.2	964.9	850.5	765.9	716.2
-70°	1536.9	1447.3	1357.8	1248.4	1139.0	1034.5	940.0	845.5	770.9	726.2	686.4
-72.5°	1119.1	1079.3	1034.5	950.0	860.4	795.8	751.0	711.2	656.5	616.7	591.9
-75°	746.1	691.3	621.7	591.9	596.8	586.9	562.0	532.2	507.3	492.4	457.6
-77.5°	581.9	552.1	517.3	482.4	467.5	452.6	432.7	407.8	387.9	353.1	303.4
-80°	537.2	512.3	487.4	462.6	437.7	402.9	363.1	323.3	303.4	288.5	283.5
-82.5°	442.7	412.8	383.0	358.1	323.3	298.4	273.6	253.7	253.7	248.7	243.7
-85°	253.7	243.7	228.8	218.8	208.9	194.0	179.1	169.1	164.1	159.2	154.2
-87.5°	129.3	124.3	114.4	109.4	104.4	99.5	89.5	84.6	79.6	79.6	74.6
-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: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	24.9	24.9	19.9	19.9	19.9	14.9	9.9	9.9	5.0	5.0	0.0
85°	59.7	49.7	44.8	39.8	39.8	29.8	19.9	14.9	9.9	5.0	5.0
82.5°	114.4	99.5	84.6	74.6	59.7	44.8	34.8	24.9	14.9	9.9	5.0
80°	129.3	129.3	124.3	104.4	84.6	64.7	44.8	29.8	19.9	14.9	9.9
77.5°	99.5	109.4	109.4	109.4	104.4	79.6	54.7	34.8	19.9	14.9	9.9
75°	114.4	99.5	94.5	99.5	94.5	79.6	64.7	39.8	24.9	19.9	9.9
72.5°	139.3	119.4	104.4	99.5	89.5	74.6	59.7	44.8	24.9	19.9	14.9
70°	129.3	124.3	114.4	104.4	89.5	74.6	59.7	44.8	29.8	19.9	14.9
67.5°	114.4	114.4	114.4	104.4	89.5	69.6	54.7	39.8	29.8	19.9	14.9
65°	79.6	94.5	104.4	99.5	89.5	69.6	54.7	39.8	29.8	24.9	14.9
62.5°	49.7	64.7	84.6	94.5	84.6	69.6	49.7	39.8	29.8	24.9	14.9
60°	44.8	49.7	59.7	74.6	79.6	64.7	49.7	34.8	29.8	24.9	14.9
57.5°	44.8	44.8	49.7	59.7	64.7	59.7	44.8	29.8	29.8	24.9	19.9
55°	49.7	44.8	44.8	49.7	54.7	54.7	44.8	29.8	29.8	24.9	19.9
52.5°	59.7	49.7	44.8	44.8	44.8	49.7	39.8	29.8	29.8	24.9	19.9
50°	74.6	59.7	54.7	44.8	44.8	44.8	39.8	29.8	24.9	24.9	19.9
47.5°	99.5	79.6	59.7	54.7	44.8	39.8	34.8	29.8	24.9	24.9	19.9
45°	149.2	94.5	79.6	59.7	49.7	44.8	39.8	29.8	24.9	24.9	19.9
42.5°	203.9	139.3	99.5	69.6	54.7	44.8	39.8	34.8	24.9	24.9	19.9
40°	258.6	189.0	124.3	89.5	64.7	49.7	39.8	34.8	29.8	24.9	19.9
37.5°	318.3	233.8	164.1	114.4	74.6	54.7	44.8	34.8	29.8	24.9	19.9
35°	392.9	293.4	203.9	139.3	89.5	64.7	49.7	34.8	29.8	24.9	19.9
32.5°	477.5	348.2	243.7	169.1	114.4	79.6	54.7	39.8	29.8	24.9	19.9
30°	557.1	412.8	288.5	203.9	139.3	89.5	59.7	39.8	29.8	24.9	14.9
27.5°	636.6	477.5	343.2	238.7	169.1	104.4	64.7	44.8	29.8	24.9	19.9
25°	716.2	542.1	397.9	273.6	194.0	124.3	79.6	49.7	29.8	24.9	19.9
22.5°	785.8	606.8	447.6	313.3	223.8	144.2	89.5	54.7	34.8	24.9	19.9
20°	865.4	676.4	502.3	358.1	248.7	164.1	99.5	59.7	34.8	24.9	19.9
17.5°	940.0	746.1	557.1	397.9	278.5	184.0	114.4	64.7	39.8	24.9	19.9
15°	1014.6	810.7	606.8	437.7	308.4	203.9	124.3	69.6	44.8	24.9	19.9
12.5°	1084.3	870.4	651.6	472.5	333.2	223.8	134.3	74.6	49.7	24.9	19.9
10°	1148.9	925.1	696.3	502.3	358.1	238.7	144.2	84.6	54.7	24.9	19.9
7.5°	1213.6	969.9	731.1	532.2	387.9	258.6	154.2	89.5	59.7	29.8	19.9
5°	1253.4	1009.7	761.0	557.1	412.8	278.5	164.1	94.5	64.7	29.8	19.9
2.5°	1288.2	1039.5	780.9	581.9	437.7	293.4	164.1	99.5	69.6	29.8	19.9
0°	1308.1	1059.4	795.8	596.8	457.6	303.4	169.1	104.4	74.6	29.8	19.9
-2.5°	1352.8	1094.2	830.6	616.7	477.5	333.2	179.1	109.4	79.6	34.8	19.9
-5°	1382.7	1114.1	855.5	636.6	492.4	363.1	194.0	119.4	89.5	44.8	24.9
-7.5°	1407.6	1134.0	875.4	646.6	507.3	373.0	198.9	124.3	94.5	49.7	24.9
-10°	1412.5	1143.9	890.3	661.5	517.3	387.9	203.9	129.3	99.5	54.7	24.9
-12.5°	1417.5	1153.9	895.3	671.4	527.2	397.9	208.9	134.3	104.4	59.7	24.9
-15°	1412.5	1148.9	895.3	681.4	532.2	387.9	218.8	139.3	109.4	64.7	24.9
-17.5°	1402.6	1143.9	890.3	676.4	527.2	378.0	223.8	149.2	109.4	69.6	29.8
-20°	1387.7	1129.0	880.3	671.4	522.2	368.1	228.8	154.2	114.4	69.6	29.8

REPORT NUMBER: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	1362.8	1104.2	860.4	656.5	512.3	358.1	228.8	164.1	119.4	69.6	29.8
-25°	1332.9	1079.3	840.6	636.6	497.4	343.2	228.8	169.1	124.3	69.6	29.8
-27.5°	1298.1	1054.4	810.7	621.7	477.5	333.2	228.8	174.1	129.3	69.6	29.8
-30°	1258.3	1019.6	785.8	596.8	462.6	333.2	233.8	179.1	134.3	69.6	29.8
-32.5°	1218.6	984.8	756.0	576.9	442.7	328.3	233.8	184.0	139.3	64.7	34.8
-35°	1173.8	945.0	731.1	562.0	427.7	318.3	238.7	184.0	134.3	64.7	34.8
-37.5°	1119.1	895.3	706.3	547.1	417.8	308.4	238.7	189.0	129.3	64.7	34.8
-40°	1059.4	855.5	676.4	527.2	402.9	303.4	238.7	189.0	124.3	64.7	39.8
-42.5°	994.7	810.7	646.6	507.3	387.9	298.4	238.7	189.0	119.4	64.7	39.8
-45°	935.1	765.9	611.8	482.4	373.0	298.4	238.7	184.0	109.4	69.6	39.8
-47.5°	870.4	716.2	572.0	457.6	368.1	293.4	233.8	174.1	99.5	69.6	39.8
-50°	815.7	666.5	542.1	432.7	358.1	298.4	238.7	159.2	99.5	69.6	39.8
-52.5°	761.0	631.7	507.3	422.8	348.2	303.4	233.8	149.2	99.5	69.6	39.8
-55°	716.2	596.8	487.4	407.8	358.1	313.3	223.8	134.3	99.5	69.6	39.8
-57.5°	681.4	576.9	472.5	412.8	373.0	303.4	208.9	129.3	99.5	64.7	39.8
-60°	656.5	557.1	477.5	432.7	378.0	288.5	198.9	129.3	99.5	64.7	34.8
-62.5°	636.6	562.0	502.3	447.6	358.1	268.6	189.0	129.3	89.5	59.7	34.8
-65°	641.6	581.9	512.3	427.7	343.2	248.7	174.1	124.3	84.6	54.7	34.8
-67.5°	656.5	567.0	482.4	402.9	308.4	223.8	159.2	114.4	79.6	54.7	34.8
-70°	606.8	522.2	437.7	343.2	263.6	194.0	149.2	104.4	69.6	49.7	34.8
-72.5°	547.1	437.7	348.2	278.5	223.8	179.1	134.3	94.5	64.7	44.8	29.8
-75°	397.9	318.3	258.6	233.8	198.9	159.2	119.4	84.6	59.7	44.8	29.8
-77.5°	283.5	263.6	238.7	213.9	179.1	139.3	104.4	79.6	54.7	39.8	24.9
-80°	278.5	253.7	223.8	184.0	149.2	119.4	89.5	69.6	49.7	34.8	19.9
-82.5°	233.8	198.9	169.1	139.3	114.4	94.5	74.6	54.7	39.8	24.9	14.9
-85°	144.2	124.3	109.4	94.5	79.6	64.7	49.7	34.8	24.9	14.9	9.9
-87.5°	69.6	64.7	54.7	44.8	39.8	29.8	24.9	19.9	14.9	9.9	5.0
-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: P723746

CATALOG NUMBER: IFLD-L-SA8B-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°	5.0	0.0	0.0	0.0
80°	5.0	0.0	0.0	0.0
77.5°	5.0	0.0	0.0	0.0
75°	5.0	5.0	0.0	0.0
72.5°	5.0	5.0	0.0	0.0
70°	9.9	5.0	5.0	0.0
67.5°	9.9	5.0	5.0	0.0
65°	9.9	5.0	5.0	0.0
62.5°	9.9	5.0	5.0	0.0
60°	9.9	5.0	5.0	0.0
57.5°	9.9	5.0	5.0	0.0
55°	9.9	5.0	5.0	0.0
52.5°	9.9	5.0	5.0	0.0
50°	9.9	5.0	5.0	0.0
47.5°	9.9	9.9	5.0	0.0
45°	9.9	9.9	5.0	0.0
42.5°	9.9	9.9	5.0	0.0
40°	9.9	9.9	5.0	0.0
37.5°	9.9	9.9	5.0	0.0
35°	9.9	9.9	5.0	0.0
32.5°	14.9	9.9	5.0	0.0
30°	14.9	9.9	9.9	0.0
27.5°	14.9	9.9	9.9	0.0
25°	14.9	9.9	9.9	0.0
22.5°	14.9	9.9	9.9	0.0
20°	14.9	9.9	9.9	0.0
17.5°	14.9	9.9	9.9	0.0
15°	14.9	9.9	9.9	0.0
12.5°	14.9	9.9	9.9	0.0
10°	14.9	9.9	9.9	0.0
7.5°	14.9	9.9	9.9	0.0
5°	14.9	9.9	9.9	0.0
2.5°	14.9	9.9	9.9	0.0
0°	14.9	9.9	9.9	0.0
-2.5°	14.9	9.9	9.9	0.0
-5°	14.9	9.9	9.9	0.0
-7.5°	14.9	9.9	9.9	0.0
-10°	14.9	9.9	9.9	0.0
-12.5°	19.9	9.9	9.9	0.0
-15°	19.9	9.9	9.9	0.0
-17.5°	19.9	9.9	9.9	0.0
-20°	19.9	9.9	9.9	0.0



REPORT NUMBER: P723746

CATALOG NUMBER: IFLD-L-SA8B-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.9	9.9	9.9	0.0
-25°	19.9	9.9	9.9	0.0
-27.5°	19.9	9.9	9.9	0.0
-30°	19.9	9.9	9.9	0.0
-32.5°	19.9	9.9	9.9	0.0
-35°	19.9	9.9	9.9	0.0
-37.5°	19.9	9.9	9.9	0.0
-40°	19.9	9.9	9.9	0.0
-42.5°	14.9	9.9	5.0	0.0
-45°	19.9	9.9	5.0	0.0
-47.5°	19.9	9.9	5.0	0.0
-50°	19.9	9.9	5.0	0.0
-52.5°	19.9	9.9	5.0	0.0
-55°	19.9	9.9	5.0	0.0
-57.5°	19.9	9.9	5.0	0.0
-60°	19.9	9.9	5.0	0.0
-62.5°	19.9	9.9	5.0	0.0
-65°	19.9	9.9	5.0	0.0
-67.5°	19.9	9.9	5.0	0.0
-70°	19.9	5.0	5.0	0.0
-72.5°	14.9	5.0	5.0	0.0
-75°	14.9	5.0	5.0	0.0
-77.5°	9.9	5.0	0.0	0.0
-80°	9.9	5.0	0.0	0.0
-82.5°	9.9	5.0	0.0	0.0
-85°	5.0	0.0	0.0	0.0
-87.5°	5.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)