

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: P722414

Luminaire Tested: **IFLD-L-SA7A-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722414
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26766.4 lumens	Max Intensity:	18685.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	123.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	17075.8 lumens	Field Lumens:	25234.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

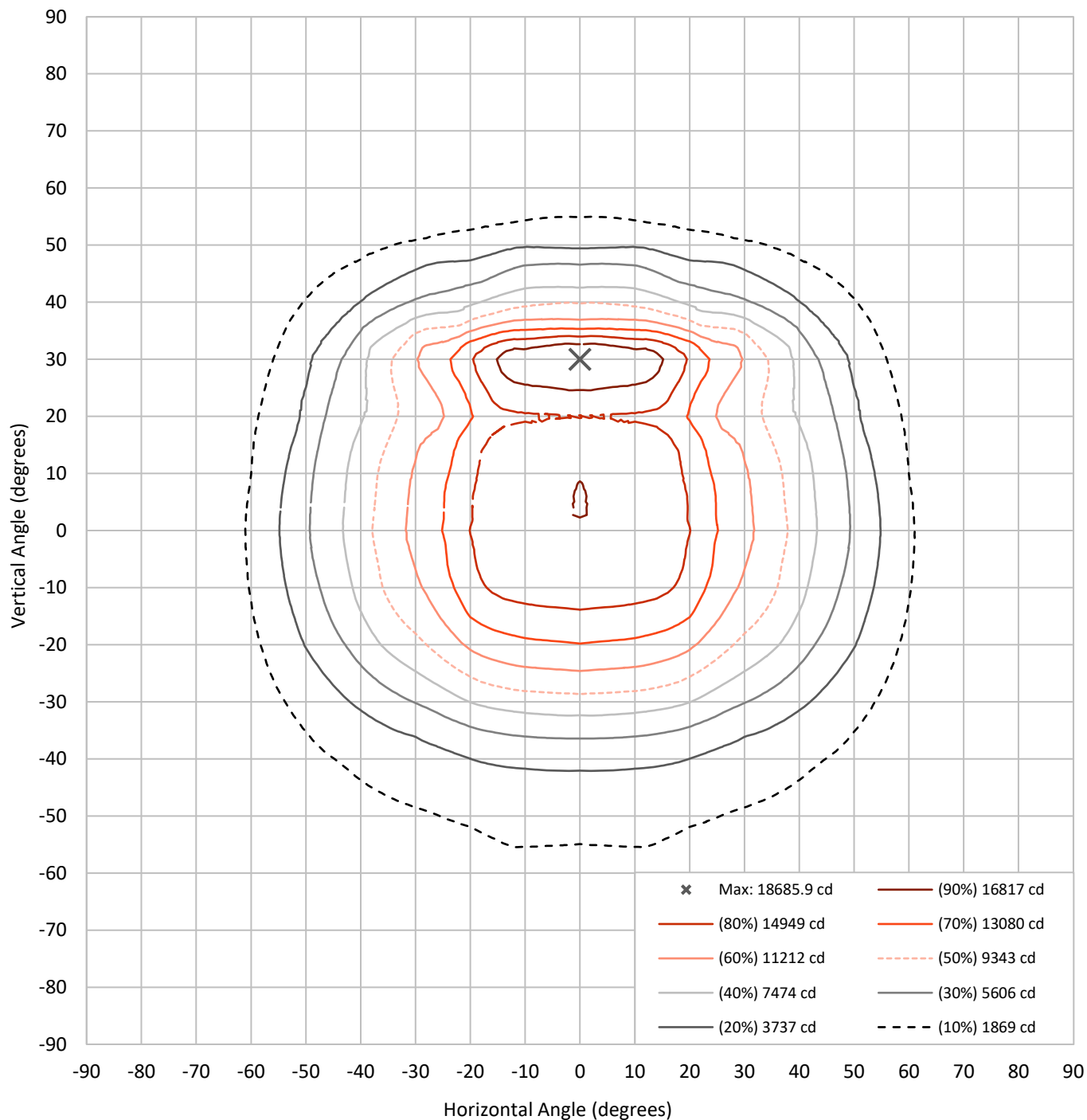
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

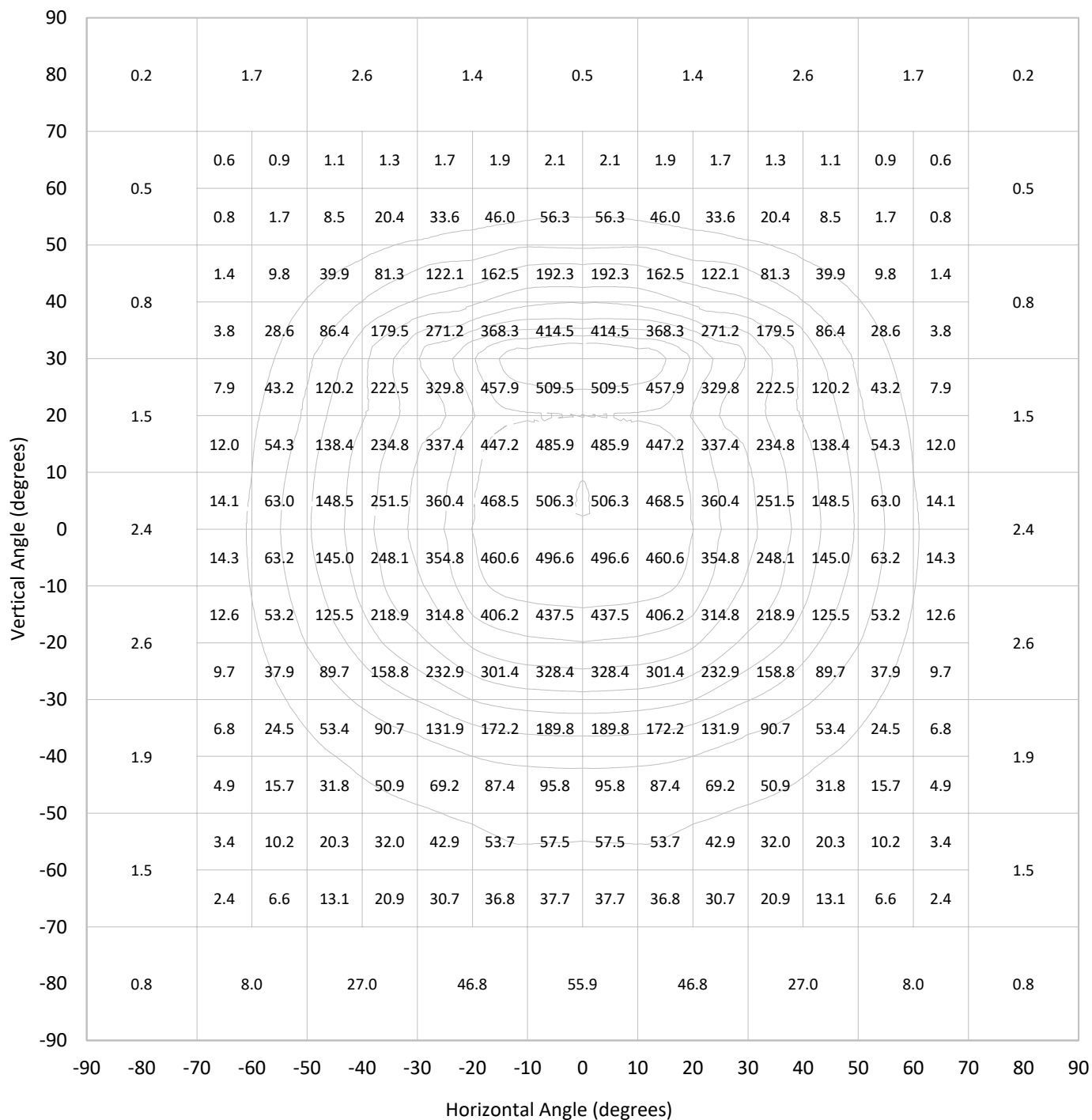
Iso-Candela Plot



REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

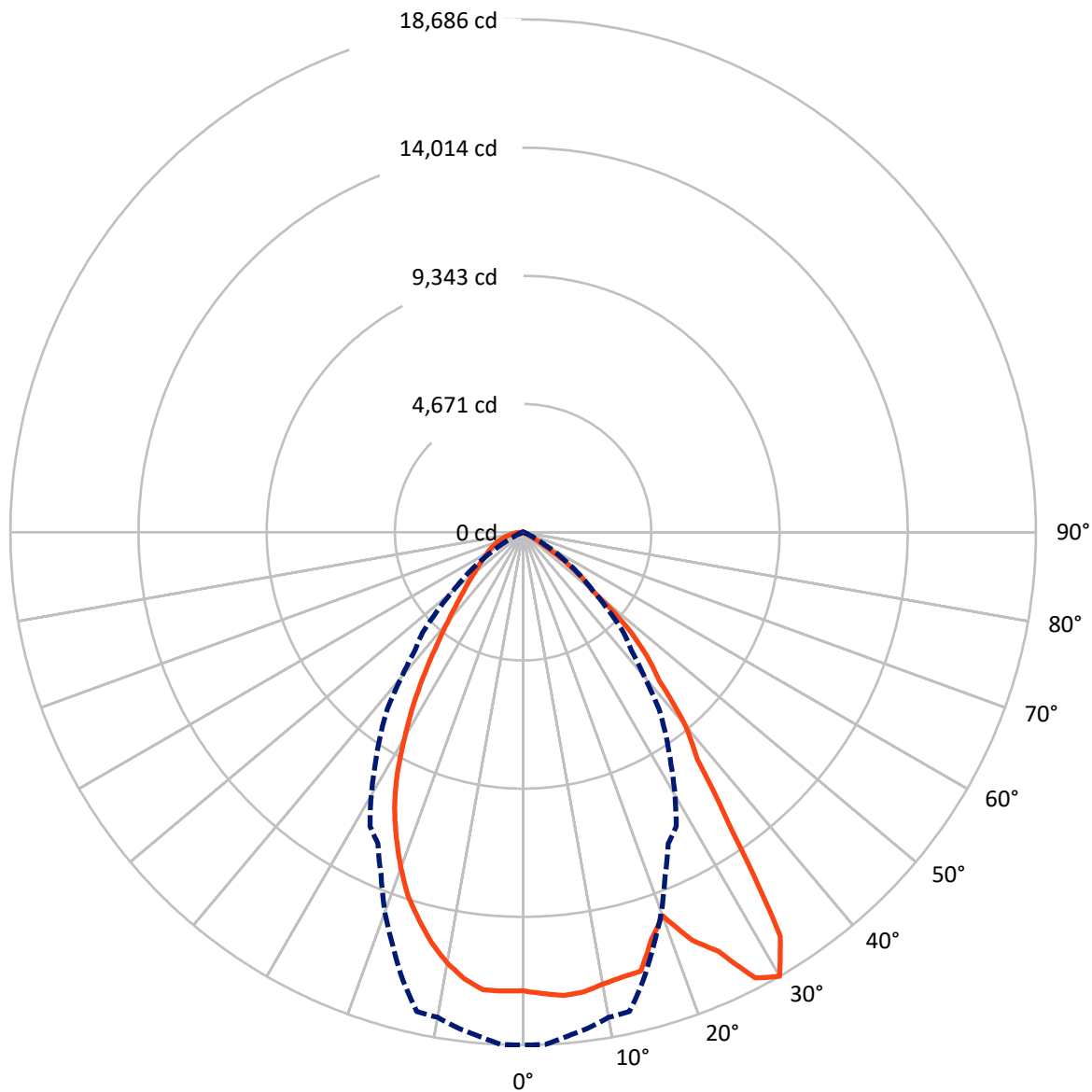
Lumen Table



REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

Luminous Intensity Polar Plot

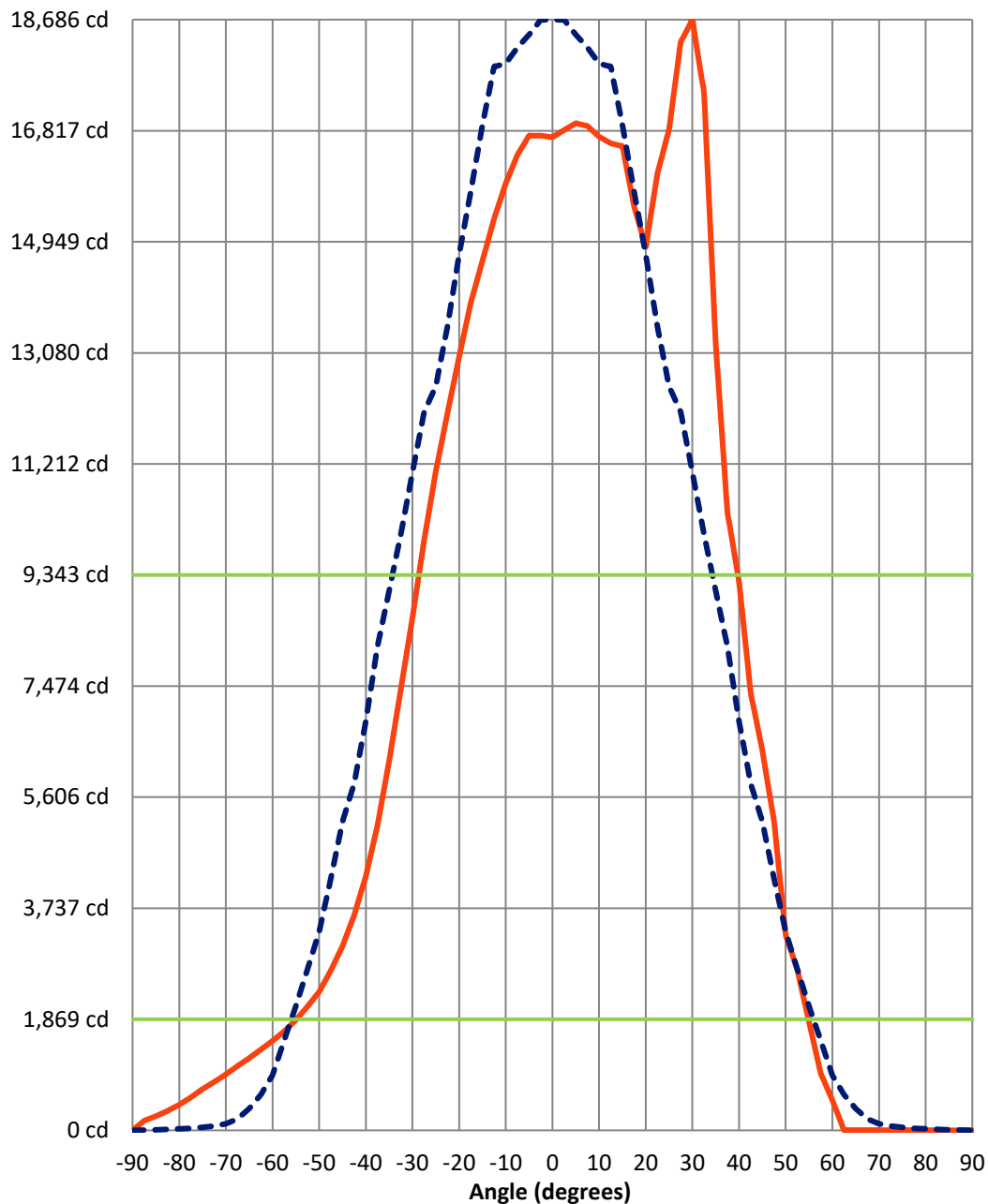


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17075.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25234.7

Efficiency: 94.3%

Spill:

Lumens: 1531.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-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	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	8.5	8.5	12.8
82.5°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	12.8	12.8	17.0
80°	4.3	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0
77.5°	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0	21.3
75°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	21.3
72.5°	0.0	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
70°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
67.5°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	17.0	17.0	17.0	21.3
65°	4.3	4.3	4.3	8.5	12.8	12.8	17.0	21.3	21.3	25.6	29.8
62.5°	4.3	8.5	8.5	12.8	17.0	21.3	46.9	72.4	72.4	51.1	42.6
60°	507.1	549.7	545.4	494.3	430.4	362.2	349.4	336.6	311.1	272.7	285.5
57.5°	963.1	1014.2	1035.5	1022.7	988.6	929.0	894.9	856.5	805.4	745.7	677.6
55°	1823.8	1845.2	1798.3	1708.8	1610.8	1512.8	1478.7	1427.5	1350.8	1274.1	1171.9
52.5°	2697.4	2769.9	2748.6	2659.1	2527.0	2352.2	2160.5	2011.3	1921.9	1836.6	1734.4
50°	3294.0	3323.8	3383.5	3490.0	3528.4	3409.1	3098.0	2697.4	2411.9	2556.8	2446.0
47.5°	5198.8	5348.0	5318.1	5241.4	5113.6	4789.7	4355.1	3997.1	3698.8	3600.8	3617.9
45°	6387.7	6447.4	6426.1	6392.0	6332.3	6029.8	5548.2	4998.5	4721.5	4610.8	4495.7
42.5°	7363.6	7427.5	7440.3	7444.5	7380.6	7103.6	6669.0	6119.3	5842.3	5522.7	5271.3
40°	9225.8	9319.5	9213.0	9072.4	8859.3	8544.0	8117.8	7610.7	7120.7	6728.6	6430.3
37.5°	10414.7	10529.7	10572.3	10563.8	10516.9	10380.6	9856.4	9374.9	8624.9	7747.1	7904.8
35°	13235.7	13355.0	13320.9	13193.1	13124.9	12980.0	12468.6	11897.6	10955.9	10001.3	9745.6
32.5°	17441.6	17701.5	17215.7	16683.1	16355.0	16470.0	15950.1	14552.4	14117.8	12396.2	11599.3
30°	18685.9	18681.6	18434.5	18217.2	17948.7	17893.3	16913.2	15796.7	14731.4	13525.4	12519.8
27.5°	18306.6	18229.9	18021.1	17863.5	17612.0	17479.9	16521.1	15634.8	14403.3	13325.2	12353.6
25°	16845.0	16904.7	16691.6	16661.8	16563.8	16308.1	15830.8	14833.7	13734.2	12541.1	11842.2
22.5°	16090.8	16069.4	15813.8	15664.6	15783.9	15511.2	15319.5	14313.8	13167.5	12161.8	11322.3
20°	14863.5	14867.8	14803.8	14791.1	14718.6	14595.0	14441.6	13730.0	12920.3	12059.5	11049.6
17.5°	15549.6	15724.3	15801.0	15166.0	15345.0	15204.4	15042.5	14049.6	13440.2	12677.4	11360.7
15°	16555.2	16491.3	16414.6	16380.5	16282.5	16150.4	15856.4	15063.8	14015.5	13227.1	12200.2
12.5°	16606.4	16482.8	16453.0	16448.7	16346.4	16163.2	15877.7	15221.4	14292.5	13333.7	12498.5
10°	16717.2	16589.3	16572.3	16593.6	16435.9	16320.9	16035.4	15426.0	14377.7	13516.9	12728.6
7.5°	16896.1	16683.1	16781.1	16717.2	16644.7	16461.5	16154.7	15558.1	14688.8	13759.8	12933.1
5°	16943.0	16708.6	16815.2	16755.5	16649.0	16470.0	16137.6	15643.3	14880.5	13857.8	13014.1
2.5°	16828.0	16759.8	16712.9	16602.1	16555.2	16359.2	16043.9	15515.5	14791.1	13815.2	12997.0
0°	16708.6	16768.3	16661.8	16551.0	16529.7	16372.0	16103.5	15626.3	14999.9	13934.5	13141.9
-2.5°	16734.2	16687.3	16614.9	16499.8	16389.0	16163.2	15920.3	15472.9	14799.6	13674.6	12937.4
-5°	16734.2	16516.9	16525.4	16529.7	16418.9	16184.5	15890.5	15511.2	14680.3	13670.3	12877.7
-7.5°	16410.4	16222.9	16193.0	16167.5	16137.6	15920.3	15690.2	15217.2	14480.0	13559.5	12711.5
-10°	15933.1	15749.8	15766.9	15728.5	15634.8	15489.9	15315.2	14889.1	14284.0	13210.1	12374.9
-12.5°	15336.5	15255.5	15208.7	15144.7	15051.0	14923.2	14744.2	14343.6	13695.9	12779.7	11987.1
-15°	14629.1	14569.5	14526.8	14488.5	14352.1	14220.0	13985.7	13614.9	13210.1	12225.7	11416.1
-17.5°	13921.7	13772.6	13712.9	13661.8	13572.3	13359.2	13146.2	12869.2	12302.4	11522.6	10828.0
-20°	13014.1	12924.6	12852.1	12784.0	12656.1	12489.9	12315.2	11995.6	11505.6	10874.9	10154.7

REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	12063.8	12012.7	11953.0	11867.8	11782.6	11624.9	11382.0	11075.2	10691.7	10009.8	9336.6
-25°	11083.7	10985.7	10913.2	10832.3	10764.1	10619.2	10384.8	10090.8	9609.3	9021.2	8458.7
-27.5°	9928.9	9835.1	9796.8	9703.0	9643.4	9511.3	9276.9	9004.2	8569.5	8075.2	7504.2
-30°	8624.9	8642.0	8599.3	8509.9	8437.4	8267.0	8088.0	7857.9	7517.0	7044.0	6532.6
-32.5°	7419.0	7440.3	7389.1	7295.4	7201.6	7078.1	6911.9	6703.1	6447.4	5995.7	5552.5
-35°	6213.0	6204.5	6161.9	6106.5	6042.6	5940.3	5752.8	5595.1	5301.1	4985.7	4678.9
-37.5°	5130.6	5151.9	5139.2	5109.3	5036.9	4951.7	4798.2	4653.4	4436.0	4159.1	3920.4
-40°	4274.1	4299.7	4282.6	4252.8	4188.9	4137.7	4035.5	3907.6	3732.9	3494.3	3294.0
-42.5°	3617.9	3634.9	3613.6	3588.0	3532.6	3494.3	3413.3	3306.8	3161.9	2978.7	2799.7
-45°	3098.0	3102.2	3080.9	3063.9	3021.3	2974.4	2906.2	2821.0	2705.9	2578.1	2433.2
-47.5°	2688.9	2684.6	2663.3	2646.3	2612.2	2569.6	2514.2	2437.5	2348.0	2250.0	2134.9
-50°	2330.9	2352.2	2343.7	2326.7	2301.1	2271.3	2215.9	2134.9	2045.4	1973.0	1892.0
-52.5°	2083.8	2088.0	2083.8	2083.8	2079.5	2058.2	1994.3	1913.3	1815.3	1751.4	1683.2
-55°	1853.7	1875.0	1883.5	1892.0	1896.3	1896.3	1819.6	1734.4	1640.6	1576.7	1525.6
-57.5°	1666.2	1679.0	1687.5	1708.8	1725.8	1738.6	1670.4	1593.7	1521.3	1461.6	1414.8
-60°	1504.2	1521.3	1534.1	1555.4	1568.2	1576.7	1534.1	1482.9	1440.3	1402.0	1333.8
-62.5°	1359.4	1372.1	1384.9	1397.7	1410.5	1419.0	1402.0	1376.4	1355.1	1338.1	1252.8
-65°	1214.5	1227.3	1240.0	1257.1	1269.9	1278.4	1274.1	1257.1	1240.0	1223.0	1146.3
-67.5°	1082.4	1095.2	1112.2	1116.5	1125.0	1129.3	1120.7	1107.9	1086.6	1065.3	1005.7
-70°	941.8	950.3	958.8	958.8	958.8	954.5	946.0	929.0	907.7	877.8	831.0
-72.5°	813.9	822.4	831.0	818.2	809.7	796.9	784.1	762.8	741.5	720.2	694.6
-75°	694.6	698.9	698.9	681.8	669.0	656.2	639.2	626.4	605.1	588.1	566.8
-77.5°	554.0	554.0	554.0	541.2	532.7	524.1	511.4	498.6	481.5	468.7	451.7
-80°	430.4	430.4	430.4	426.1	413.3	404.8	396.3	387.8	375.0	366.5	358.0
-82.5°	328.1	328.1	328.1	323.9	315.3	311.1	302.6	294.0	289.8	281.2	277.0
-85°	238.6	242.9	242.9	238.6	234.4	225.9	221.6	217.3	213.1	208.8	200.3
-87.5°	161.9	161.9	161.9	157.7	153.4	153.4	149.1	140.6	132.1	127.8	123.6
-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: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	12.8	12.8	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	12.8
82.5°	21.3	21.3	25.6	25.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
80°	21.3	25.6	29.8	34.1	38.4	42.6	42.6	42.6	42.6	38.4	38.4
77.5°	25.6	25.6	29.8	34.1	38.4	42.6	46.9	51.1	46.9	46.9	46.9
75°	25.6	29.8	29.8	34.1	38.4	42.6	46.9	51.1	51.1	51.1	51.1
72.5°	21.3	25.6	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9	51.1
70°	21.3	25.6	29.8	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9
67.5°	25.6	29.8	29.8	34.1	38.4	38.4	38.4	42.6	42.6	46.9	46.9
65°	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9	46.9	51.1	51.1
62.5°	51.1	51.1	51.1	46.9	51.1	51.1	51.1	55.4	55.4	51.1	55.4
60°	264.2	191.8	132.1	166.2	149.1	68.2	68.2	68.2	63.9	63.9	59.7
57.5°	622.2	579.5	498.6	421.9	379.3	336.6	208.8	85.2	85.2	76.7	68.2
55°	1039.8	899.1	839.5	737.2	626.4	575.3	477.3	323.9	153.4	102.3	89.5
52.5°	1610.8	1478.7	1325.3	1116.5	967.3	848.0	767.0	609.4	409.1	217.3	136.4
50°	2156.2	2096.6	2002.8	1798.3	1487.2	1286.9	1154.8	975.8	732.9	447.4	255.7
47.5°	3473.0	2974.4	2671.8	2514.2	2254.2	1875.0	1619.3	1419.0	1125.0	754.3	451.7
45°	4372.1	4056.8	3575.2	3242.9	2859.3	2458.8	2126.4	1896.3	1546.9	1129.3	707.4
42.5°	5143.4	4870.7	4436.0	3950.2	3545.4	3021.3	2595.1	2292.6	1998.6	1542.6	1056.8
40°	6136.3	5812.4	5394.8	4921.8	4448.8	3779.8	3089.5	2723.0	2399.1	1994.3	1427.5
37.5°	7772.7	7201.6	6519.8	5995.7	5377.8	4811.0	3865.0	3217.3	2833.8	2411.9	1862.2
35°	9741.4	9115.0	7977.2	7282.6	6455.9	5612.2	4759.9	3801.1	3255.7	2808.2	2262.8
32.5°	11573.8	10657.6	9200.2	8386.3	7836.6	6281.2	5399.1	4568.1	3690.3	3140.6	2492.9
30°	12080.8	11070.9	10026.9	9076.6	8139.1	6882.0	5838.0	5190.3	4235.8	3340.9	2710.2
27.5°	11569.5	10874.9	10065.2	9183.1	8169.0	7090.8	6106.5	5488.6	4636.3	3477.2	2880.7
25°	11049.6	10325.2	9758.4	9021.2	8083.7	7078.1	6115.0	5676.1	4947.4	3741.4	2974.4
22.5°	10499.9	10048.2	9579.5	8757.0	7870.7	7116.4	6392.0	5838.0	5109.3	4039.7	3012.8
20°	10529.7	10235.7	9720.1	8620.7	7832.3	7342.3	6724.4	6042.6	5284.0	4299.7	3042.6
17.5°	11007.0	10623.5	9975.8	9021.2	8177.5	7572.4	7001.4	6323.8	5463.0	4529.8	3404.8
15°	11595.1	11011.3	10333.7	9494.2	8539.7	7823.8	7214.4	6519.8	5667.6	4742.9	3728.7
12.5°	12021.2	11190.2	10555.3	9796.8	8931.7	8096.5	7355.0	6669.0	5859.3	4917.6	3971.6
10°	12166.1	11411.8	10661.8	9984.3	9132.0	8241.4	7461.6	6762.7	6025.5	5053.9	4150.5
7.5°	12242.8	11603.6	10734.3	10069.5	9251.3	8330.9	7546.8	6813.9	6157.6	5147.7	4265.6
5°	12234.3	11705.9	10789.7	10095.1	9315.3	8369.2	7606.5	6826.6	6251.4	5228.6	4333.8
2.5°	12195.9	11774.0	10879.2	10137.7	9443.1	8441.7	7721.5	6852.2	6285.5	5318.1	4380.6
0°	12336.5	11778.3	10972.9	10150.5	9528.3	8467.2	7772.7	6830.9	6238.6	5343.7	4376.4
-2.5°	12034.0	11526.9	10951.6	10039.7	9413.3	8407.6	7678.9	6762.7	6136.3	5313.9	4359.3
-5°	11982.8	11343.6	10772.6	9937.4	9221.5	8284.0	7504.2	6634.9	5974.4	5215.9	4291.2
-7.5°	11846.5	11168.9	10597.9	9856.4	9042.5	8156.2	7338.0	6502.8	5799.7	5062.5	4193.1
-10°	11548.2	10900.5	10410.4	9681.7	8825.2	7972.9	7137.7	6328.1	5595.1	4853.6	4039.7
-12.5°	11122.1	10474.3	9988.5	9311.0	8552.5	7725.8	6899.1	6102.2	5360.7	4632.1	3856.5
-15°	10640.5	9984.3	9498.5	8880.6	8147.6	7342.3	6596.5	5816.7	5092.3	4397.7	3639.2
-17.5°	10095.1	9472.9	9004.2	8403.3	7674.6	6907.6	6166.1	5458.8	4781.2	4154.8	3387.8
-20°	9464.4	8859.3	8428.9	7828.0	7159.0	6413.3	5693.1	5024.1	4414.7	3826.7	3110.8



REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8684.6	8151.9	7661.9	7124.9	6541.1	5859.3	5190.3	4598.0	4014.2	3438.9	2825.3
-25°	7887.7	7372.1	6894.8	6404.8	5846.5	5258.5	4687.5	4150.5	3579.5	3059.6	2548.3
-27.5°	7001.4	6541.1	6115.0	5663.3	5151.9	4644.8	4176.1	3652.0	3157.6	2714.5	2275.5
-30°	6055.3	5680.3	5309.6	4909.0	4495.7	4069.6	3652.0	3157.6	2769.9	2416.2	2045.4
-32.5°	5147.7	4811.0	4512.7	4214.4	3856.5	3507.1	3136.3	2769.9	2446.0	2134.9	1823.8
-35°	4350.8	3992.9	3826.7	3588.0	3302.5	2987.2	2684.6	2429.0	2169.0	1887.8	1610.8
-37.5°	3660.5	3430.4	3234.3	3055.4	2829.5	2556.8	2339.5	2130.7	1913.3	1657.7	1419.0
-40°	3119.3	2953.1	2757.1	2625.0	2441.7	2245.7	2028.4	1853.7	1670.4	1461.6	1265.6
-42.5°	2684.6	2548.3	2420.4	2279.8	2143.4	1977.3	1789.8	1623.6	1457.4	1304.0	1142.0
-45°	2326.7	2228.7	2126.4	2011.3	1892.0	1747.1	1593.7	1423.3	1304.0	1167.6	1031.2
-47.5°	2032.7	1960.2	1875.0	1785.5	1683.2	1555.4	1414.8	1291.2	1167.6	1052.5	920.4
-50°	1798.3	1730.1	1661.9	1585.2	1495.7	1384.9	1278.4	1163.3	1048.3	937.5	813.9
-52.5°	1602.3	1542.6	1487.2	1423.3	1338.1	1244.3	1146.3	1044.0	937.5	826.7	728.7
-55°	1465.9	1397.7	1342.3	1278.4	1201.7	1112.2	1022.7	929.0	826.7	741.5	660.5
-57.5°	1355.1	1278.4	1214.5	1146.3	1069.6	992.9	911.9	826.7	750.0	669.0	592.3
-60°	1261.4	1171.9	1099.4	1031.2	958.8	886.4	818.2	745.7	673.3	600.8	524.1
-62.5°	1163.3	1069.6	980.1	916.2	860.8	796.9	737.2	669.0	605.1	532.7	477.3
-65°	1052.5	963.1	877.8	822.4	771.3	715.9	660.5	600.8	545.4	490.1	438.9
-67.5°	929.0	852.3	792.6	741.5	690.3	643.5	592.3	541.2	494.3	438.9	387.8
-70°	779.8	737.2	703.1	664.8	617.9	575.3	528.4	481.5	430.4	383.5	336.6
-72.5°	664.8	639.2	613.6	575.3	532.7	494.3	456.0	413.3	370.7	328.1	289.8
-75°	545.4	524.1	502.8	477.3	443.2	413.3	379.3	340.9	306.8	277.0	247.2
-77.5°	438.9	421.9	409.1	387.8	362.2	336.6	315.3	289.8	264.2	234.4	204.5
-80°	349.4	340.9	336.6	328.1	306.8	285.5	268.5	247.2	221.6	200.3	179.0
-82.5°	272.7	272.7	268.5	264.2	247.2	230.1	217.3	200.3	183.2	166.2	144.9
-85°	200.3	196.0	196.0	191.8	179.0	170.5	157.7	149.1	136.4	119.3	110.8
-87.5°	119.3	115.1	110.8	106.5	98.0	93.7	85.2	81.0	72.4	63.9	59.7
-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: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	12.8	8.5	8.5	8.5	8.5	8.5	4.3	4.3	4.3	4.3	4.3
82.5°	25.6	25.6	21.3	21.3	17.0	12.8	8.5	8.5	8.5	4.3	4.3
80°	38.4	38.4	38.4	34.1	29.8	21.3	17.0	12.8	8.5	4.3	4.3
77.5°	46.9	42.6	42.6	38.4	38.4	34.1	25.6	21.3	12.8	8.5	4.3
75°	46.9	46.9	46.9	42.6	42.6	38.4	34.1	25.6	21.3	12.8	8.5
72.5°	51.1	46.9	46.9	46.9	42.6	38.4	34.1	29.8	25.6	17.0	8.5
70°	46.9	46.9	46.9	46.9	42.6	42.6	34.1	29.8	29.8	17.0	12.8
67.5°	46.9	46.9	46.9	42.6	42.6	38.4	34.1	29.8	29.8	21.3	12.8
65°	51.1	46.9	46.9	46.9	42.6	38.4	34.1	29.8	29.8	25.6	17.0
62.5°	55.4	51.1	51.1	46.9	42.6	38.4	34.1	29.8	29.8	25.6	17.0
60°	59.7	55.4	51.1	51.1	46.9	42.6	34.1	34.1	29.8	25.6	17.0
57.5°	63.9	59.7	59.7	55.4	51.1	46.9	38.4	34.1	29.8	25.6	21.3
55°	76.7	68.2	63.9	63.9	59.7	51.1	42.6	34.1	29.8	25.6	21.3
52.5°	102.3	81.0	72.4	72.4	68.2	59.7	46.9	38.4	29.8	25.6	21.3
50°	161.9	102.3	85.2	76.7	76.7	68.2	55.4	42.6	29.8	25.6	21.3
47.5°	255.7	170.5	102.3	89.5	85.2	81.0	63.9	42.6	34.1	25.6	21.3
45°	421.9	251.4	166.2	106.5	89.5	85.2	72.4	46.9	34.1	29.8	21.3
42.5°	579.5	392.0	255.7	127.8	106.5	93.7	76.7	51.1	38.4	29.8	21.3
40°	911.9	536.9	358.0	208.8	123.6	98.0	85.2	59.7	38.4	29.8	21.3
37.5°	1235.8	711.6	481.5	306.8	140.6	110.8	89.5	63.9	42.6	29.8	25.6
35°	1559.6	997.1	596.6	409.1	187.5	132.1	93.7	68.2	42.6	29.8	25.6
32.5°	1849.4	1265.6	715.9	511.4	281.2	157.7	102.3	72.4	46.9	34.1	25.6
30°	2088.0	1512.8	929.0	600.8	366.5	191.8	110.8	72.4	51.1	34.1	25.6
27.5°	2267.0	1704.5	1146.3	694.6	438.9	225.9	127.8	81.0	51.1	34.1	25.6
25°	2411.9	1853.7	1338.1	792.6	502.8	281.2	153.4	85.2	55.4	38.4	25.6
22.5°	2527.0	1977.3	1495.7	924.7	579.5	336.6	187.5	93.7	55.4	38.4	25.6
20°	2684.6	2100.8	1602.3	1065.3	660.5	387.8	217.3	102.3	55.4	38.4	29.8
17.5°	2821.0	2224.4	1687.5	1184.6	741.5	426.1	251.4	110.8	59.7	38.4	29.8
15°	2978.7	2343.7	1764.2	1278.4	818.2	460.2	281.2	119.3	59.7	42.6	29.8
12.5°	3149.1	2454.5	1819.6	1355.1	899.1	490.1	306.8	136.4	63.9	42.6	29.8
10°	3323.8	2548.3	1866.5	1410.5	958.8	519.9	323.9	153.4	68.2	42.6	29.8
7.5°	3498.5	2633.5	1926.1	1436.1	984.4	554.0	332.4	170.5	68.2	46.9	29.8
5°	3617.9	2688.9	2011.3	1453.1	997.1	592.3	345.2	191.8	72.4	46.9	29.8
2.5°	3720.1	2723.0	2100.8	1465.9	1001.4	613.6	340.9	204.5	76.7	46.9	29.8
0°	3767.0	2723.0	2160.5	1457.4	988.6	634.9	340.9	217.3	76.7	46.9	29.8
-2.5°	3694.6	2799.7	2143.4	1461.6	992.9	634.9	358.0	221.6	85.2	51.1	29.8
-5°	3579.5	2829.5	2092.3	1440.3	984.4	634.9	379.3	225.9	89.5	51.1	34.1
-7.5°	3468.7	2842.3	2032.7	1419.0	971.6	617.9	383.5	221.6	98.0	55.4	34.1
-10°	3323.8	2701.7	1955.9	1380.7	946.0	605.1	392.0	221.6	102.3	55.4	34.1
-12.5°	3157.6	2531.2	1862.2	1325.3	916.2	592.3	396.3	221.6	106.5	59.7	34.1
-15°	2965.9	2356.5	1755.7	1265.6	873.6	575.3	387.8	217.3	110.8	59.7	38.4
-17.5°	2748.6	2186.1	1644.9	1193.2	826.7	554.0	370.7	213.1	110.8	59.7	38.4
-20°	2501.4	2015.6	1521.3	1120.7	771.3	528.4	353.7	204.5	110.8	59.7	38.4

REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2279.8	1857.9	1393.5	1039.8	711.6	498.6	332.4	196.0	110.8	63.9	38.4
-25°	2096.6	1704.5	1295.4	958.8	647.7	464.5	311.1	187.5	110.8	63.9	38.4
-27.5°	1904.8	1538.3	1193.2	882.1	605.1	434.7	289.8	179.0	106.5	63.9	38.4
-30°	1708.8	1376.4	1086.6	796.9	562.5	404.8	272.7	166.2	106.5	63.9	38.4
-32.5°	1529.8	1244.3	988.6	711.6	515.6	375.0	255.7	161.9	102.3	63.9	38.4
-35°	1355.1	1125.0	886.4	643.5	464.5	345.2	238.6	157.7	102.3	63.9	38.4
-37.5°	1210.2	1014.2	792.6	596.6	434.7	319.6	221.6	149.1	98.0	63.9	38.4
-40°	1090.9	911.9	703.1	545.4	409.1	294.0	204.5	144.9	98.0	63.9	38.4
-42.5°	980.1	813.9	647.7	502.8	383.5	277.0	191.8	140.6	93.7	63.9	38.4
-45°	882.1	728.7	592.3	464.5	353.7	255.7	183.2	132.1	89.5	63.9	42.6
-47.5°	784.1	669.0	541.2	430.4	323.9	230.1	174.7	127.8	85.2	59.7	42.6
-50°	707.4	605.1	498.6	392.0	294.0	221.6	166.2	119.3	85.2	59.7	42.6
-52.5°	639.2	545.4	451.7	353.7	268.5	208.8	157.7	110.8	81.0	59.7	42.6
-55°	575.3	490.1	404.8	315.3	251.4	196.0	144.9	102.3	81.0	59.7	42.6
-57.5°	511.4	438.9	358.0	285.5	230.1	183.2	136.4	102.3	81.0	59.7	42.6
-60°	460.2	392.0	323.9	264.2	213.1	166.2	123.6	98.0	76.7	59.7	42.6
-62.5°	417.6	353.7	294.0	238.6	196.0	149.1	119.3	98.0	76.7	59.7	38.4
-65°	375.0	319.6	264.2	217.3	174.7	140.6	115.1	93.7	76.7	59.7	38.4
-67.5°	332.4	281.2	238.6	191.8	161.9	136.4	110.8	93.7	72.4	55.4	38.4
-70°	289.8	247.2	208.8	179.0	153.4	127.8	106.5	89.5	72.4	51.1	34.1
-72.5°	255.7	217.3	187.5	166.2	144.9	123.6	102.3	85.2	68.2	46.9	29.8
-75°	217.3	191.8	170.5	149.1	132.1	115.1	98.0	76.7	59.7	42.6	29.8
-77.5°	183.2	166.2	149.1	136.4	119.3	102.3	85.2	68.2	55.4	38.4	25.6
-80°	157.7	144.9	132.1	119.3	106.5	89.5	76.7	59.7	46.9	34.1	21.3
-82.5°	127.8	119.3	106.5	98.0	89.5	76.7	63.9	51.1	34.1	25.6	17.0
-85°	98.0	89.5	85.2	76.7	68.2	55.4	42.6	34.1	25.6	17.0	8.5
-87.5°	51.1	46.9	42.6	38.4	34.1	25.6	21.3	17.0	12.8	8.5	4.3
-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: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-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°	0.0	0.0	0.0	0.0
80°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.5	4.3	0.0	0.0
65°	8.5	4.3	0.0	0.0
62.5°	8.5	4.3	0.0	0.0
60°	8.5	4.3	0.0	0.0
57.5°	12.8	4.3	4.3	0.0
55°	12.8	4.3	4.3	0.0
52.5°	12.8	4.3	4.3	0.0
50°	12.8	8.5	4.3	0.0
47.5°	12.8	8.5	4.3	0.0
45°	12.8	8.5	4.3	0.0
42.5°	12.8	8.5	4.3	0.0
40°	17.0	8.5	4.3	0.0
37.5°	17.0	8.5	4.3	0.0
35°	17.0	8.5	4.3	0.0
32.5°	17.0	8.5	4.3	0.0
30°	17.0	8.5	4.3	0.0
27.5°	17.0	12.8	4.3	0.0
25°	17.0	12.8	4.3	0.0
22.5°	21.3	12.8	4.3	0.0
20°	21.3	12.8	4.3	0.0
17.5°	21.3	12.8	4.3	0.0
15°	21.3	12.8	4.3	0.0
12.5°	21.3	12.8	4.3	0.0
10°	21.3	12.8	4.3	0.0
7.5°	21.3	12.8	4.3	0.0
5°	21.3	12.8	4.3	0.0
2.5°	21.3	12.8	4.3	0.0
0°	21.3	12.8	4.3	0.0
-2.5°	21.3	12.8	4.3	0.0
-5°	21.3	12.8	4.3	0.0
-7.5°	21.3	12.8	4.3	0.0
-10°	21.3	12.8	4.3	0.0
-12.5°	25.6	12.8	4.3	0.0
-15°	25.6	12.8	4.3	0.0
-17.5°	25.6	12.8	4.3	0.0
-20°	25.6	12.8	4.3	0.0

REPORT NUMBER: P722414

CATALOG NUMBER: IFLD-L-SA7A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.6	12.8	4.3	0.0
-25°	25.6	12.8	4.3	0.0
-27.5°	25.6	12.8	4.3	0.0
-30°	25.6	12.8	4.3	0.0
-32.5°	25.6	12.8	4.3	0.0
-35°	25.6	12.8	4.3	0.0
-37.5°	25.6	12.8	4.3	0.0
-40°	25.6	12.8	4.3	0.0
-42.5°	21.3	12.8	4.3	0.0
-45°	25.6	12.8	4.3	0.0
-47.5°	25.6	12.8	4.3	0.0
-50°	25.6	12.8	4.3	0.0
-52.5°	25.6	12.8	4.3	0.0
-55°	25.6	12.8	4.3	0.0
-57.5°	25.6	12.8	4.3	0.0
-60°	25.6	12.8	4.3	0.0
-62.5°	21.3	12.8	4.3	0.0
-65°	21.3	8.5	4.3	0.0
-67.5°	21.3	8.5	4.3	0.0
-70°	21.3	8.5	4.3	0.0
-72.5°	17.0	8.5	4.3	0.0
-75°	17.0	8.5	4.3	0.0
-77.5°	12.8	4.3	0.0	0.0
-80°	12.8	4.3	0.0	0.0
-82.5°	8.5	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)