

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: P722533

Luminaire Tested: **IFLD-L-SA7D-750-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722533
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-750-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

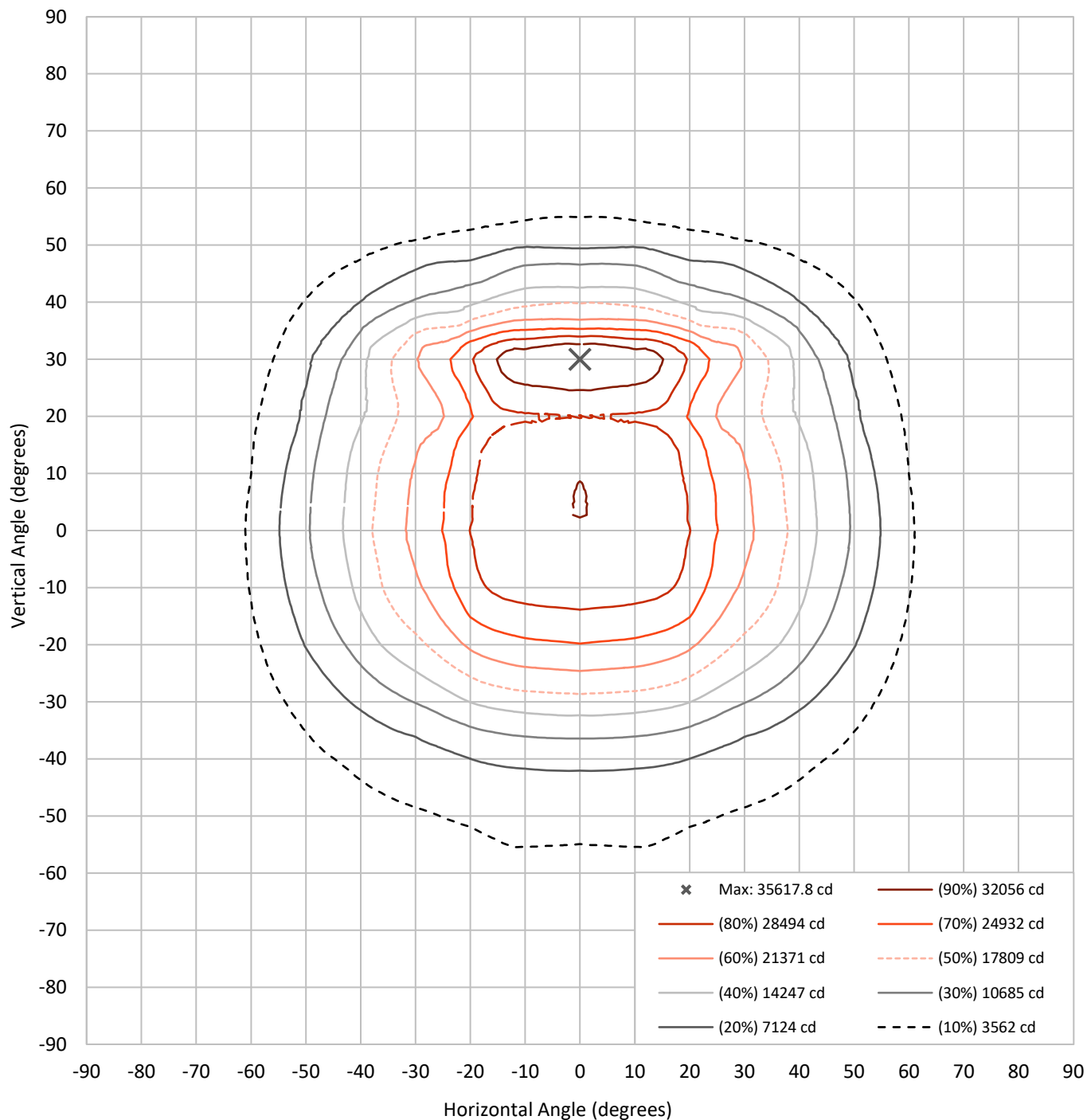
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	51020.2 lumens	Max Intensity:	35617.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	120.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	32548.7 lumens	Field Lumens:	48100.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	422.6		
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: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

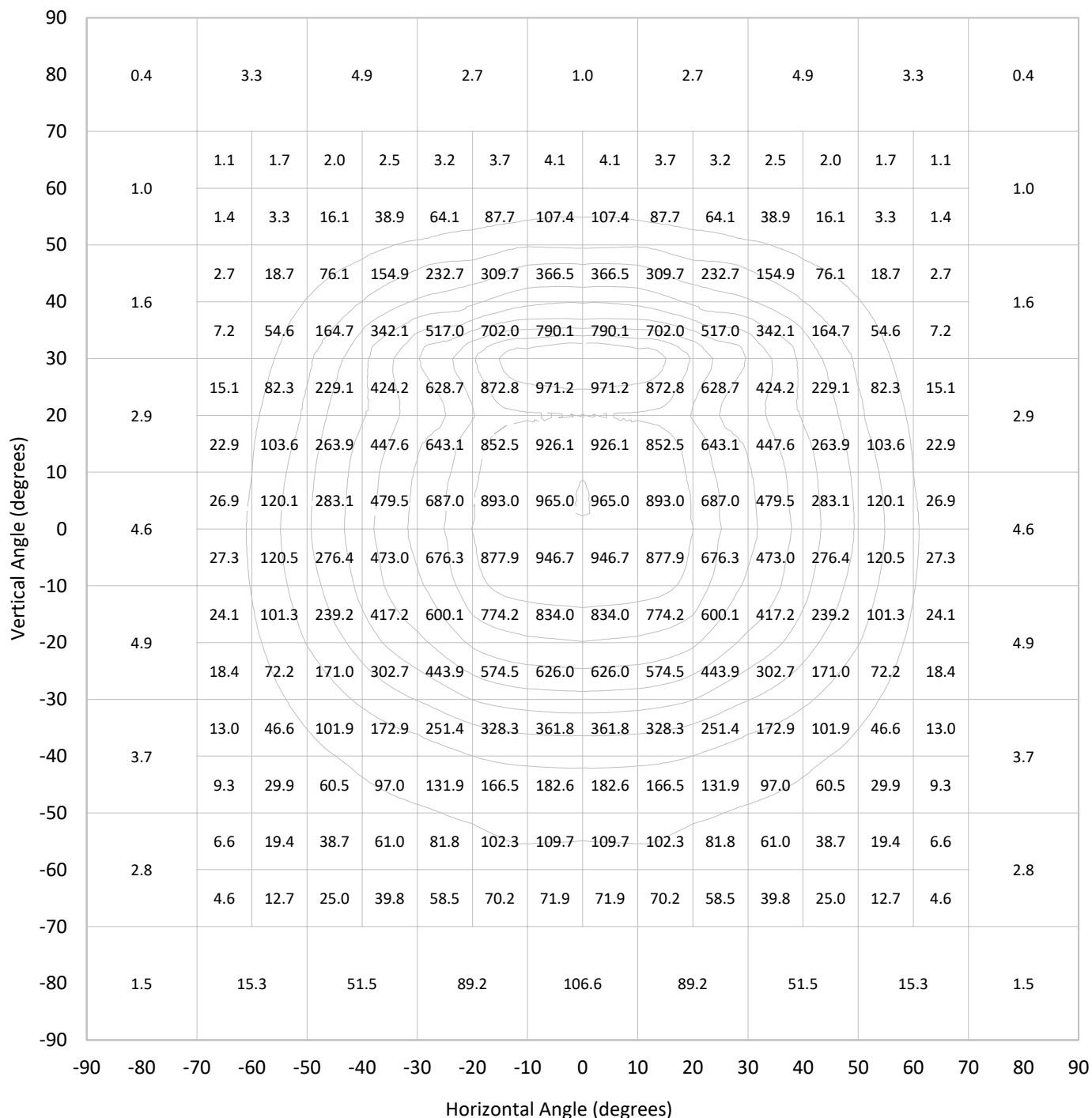
Iso-Candela Plot



REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

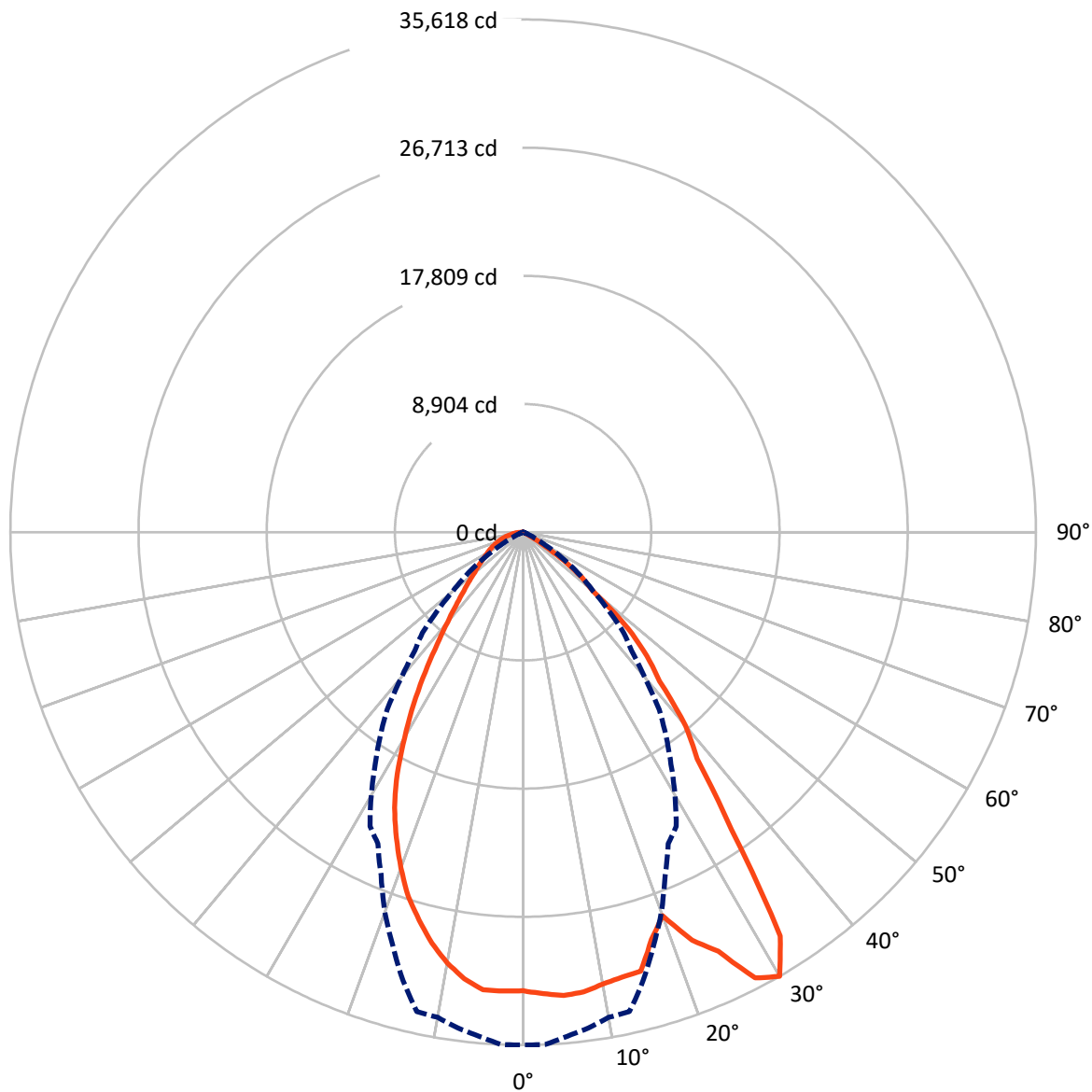
Lumen Table



REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

Luminous Intensity Polar Plot



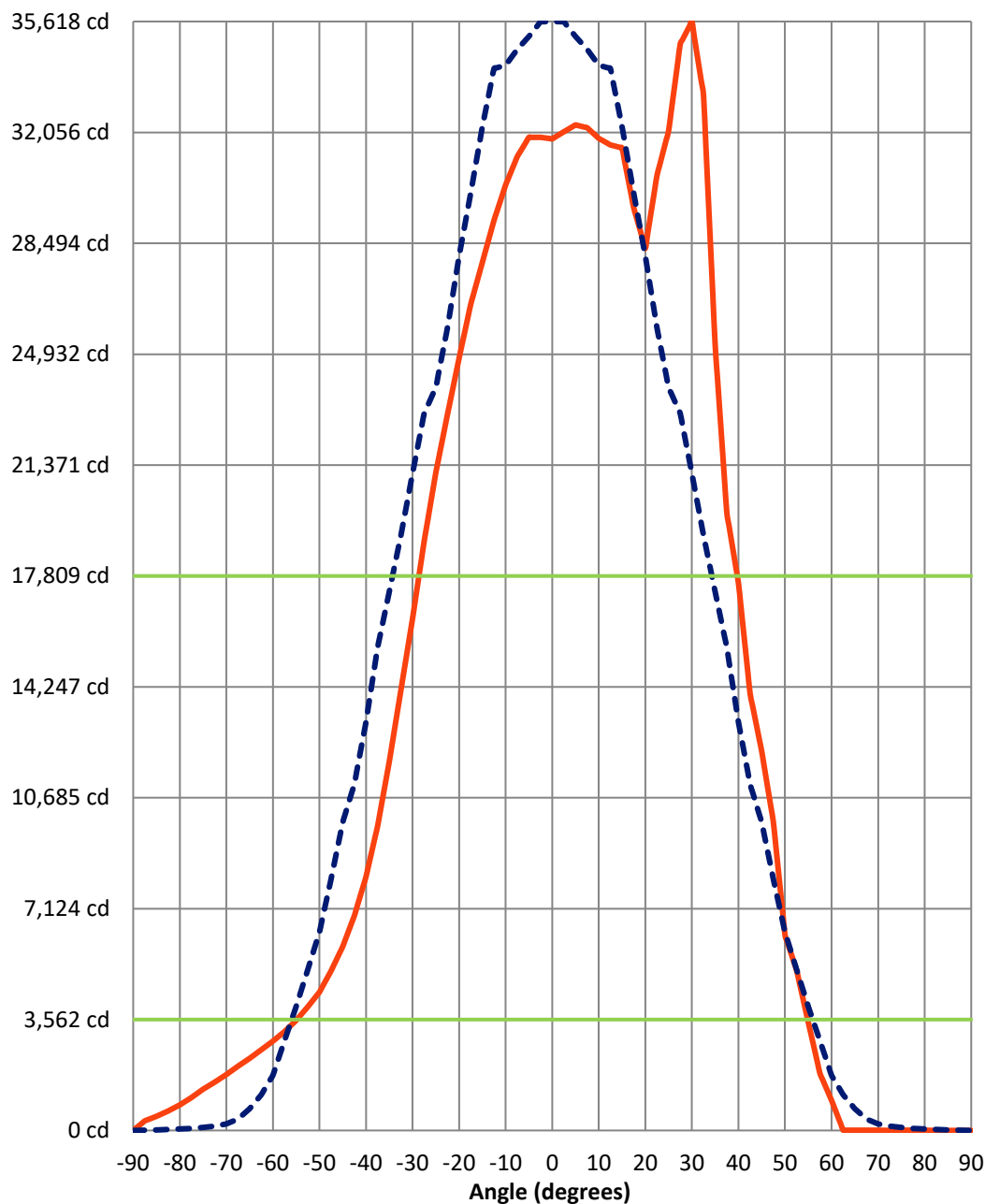
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 32548.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 48100.6

Efficiency: 94.3%

Spill:

Lumens: 2919.6

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-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	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	0.0	8.1	8.1	8.1	16.2	16.2	16.2	16.2	16.2	16.2	24.4
82.5°	0.0	8.1	8.1	8.1	16.2	16.2	16.2	16.2	24.4	24.4	32.5
80°	8.1	8.1	8.1	8.1	16.2	16.2	16.2	24.4	24.4	32.5	32.5
77.5°	8.1	8.1	8.1	16.2	16.2	16.2	24.4	24.4	32.5	32.5	40.6
75°	8.1	8.1	8.1	16.2	16.2	24.4	24.4	24.4	32.5	32.5	40.6
72.5°	0.0	8.1	8.1	16.2	16.2	24.4	24.4	24.4	32.5	32.5	32.5
70°	8.1	8.1	8.1	16.2	16.2	24.4	24.4	24.4	32.5	32.5	32.5
67.5°	8.1	8.1	8.1	16.2	16.2	24.4	24.4	32.5	32.5	32.5	40.6
65°	8.1	8.1	8.1	16.2	24.4	24.4	32.5	40.6	40.6	48.7	56.9
62.5°	8.1	16.2	16.2	24.4	32.5	40.6	89.3	138.1	138.1	97.5	81.2
60°	966.6	1047.8	1039.7	942.2	820.4	690.4	666.1	641.7	593.0	519.8	544.2
57.5°	1835.7	1933.2	1973.8	1949.4	1884.5	1770.7	1705.8	1632.7	1535.2	1421.5	1291.5
55°	3476.5	3517.1	3427.8	3257.2	3070.4	2883.5	2818.6	2721.1	2574.9	2428.7	2233.7
52.5°	5141.6	5279.7	5239.1	5068.5	4816.7	4483.7	4118.2	3833.9	3663.3	3500.9	3305.9
50°	6278.8	6335.7	6449.4	6652.4	6725.5	6498.1	5905.2	5141.6	4597.4	4873.6	4662.4
47.5°	9909.6	10193.9	10137.1	9990.9	9747.2	9129.9	8301.3	7619.0	7050.5	6863.6	6896.1
45°	12175.8	12289.6	12248.9	12184.0	12070.2	11493.5	10575.7	9527.9	8999.9	8788.7	8569.4
42.5°	14035.9	14157.8	14182.1	14190.3	14068.4	13540.4	12711.9	11664.1	11136.1	10526.9	10047.7
40°	17585.5	17764.2	17561.2	17293.1	16887.0	16285.9	15473.6	14507.0	13572.9	12825.7	12257.1
37.5°	19851.7	20071.1	20152.3	20136.0	20046.7	19786.8	18787.7	17869.8	16440.2	14767.0	15067.5
35°	25228.9	25456.4	25391.4	25147.7	25017.7	24741.6	23766.9	22678.4	20883.3	19063.8	18576.5
32.5°	33246.0	33741.5	32815.5	31800.2	31174.7	31394.0	30403.1	27738.8	26910.3	23628.8	22109.8
30°	35617.8	35609.7	35138.6	34724.3	34212.6	34107.0	32238.8	30110.6	28080.0	25781.3	23864.3
27.5°	34894.9	34748.7	34350.7	34050.1	33570.9	33319.1	31491.5	29802.0	27454.5	25399.5	23547.5
25°	32108.8	32222.5	31816.4	31759.5	31572.7	31085.4	30175.6	28274.9	26179.3	23904.9	22572.8
22.5°	30671.1	30630.5	30143.1	29858.8	30086.3	29566.4	29200.9	27284.0	25099.0	23182.0	21581.9
20°	28331.8	28339.9	28218.1	28193.7	28055.6	27820.1	27527.6	26171.2	24627.9	22987.1	21062.0
17.5°	29639.5	29972.6	30118.8	28908.5	29249.6	28981.6	28672.9	26780.4	25618.8	24164.9	21655.0
15°	31556.5	31434.6	31288.4	31223.4	31036.6	30784.8	30224.4	28713.5	26715.4	25212.7	23255.1
12.5°	31653.9	31418.4	31361.5	31353.4	31158.5	30809.2	30265.0	29014.1	27243.3	25415.8	23823.7
10°	31865.1	31621.5	31589.0	31629.6	31329.0	31109.7	30565.5	29404.0	27405.8	25765.0	24262.3
7.5°	32206.3	31800.2	31987.0	31865.1	31727.0	31377.8	30792.9	29655.8	27998.8	26228.0	24652.2
5°	32295.6	31848.9	32052.0	31938.2	31735.2	31394.0	30760.5	29818.2	28364.3	26414.8	24806.6
2.5°	32076.3	31946.4	31857.0	31645.8	31556.5	31182.8	30581.8	29574.5	28193.7	26333.6	24774.1
0°	31848.9	31962.6	31759.5	31548.3	31507.7	31207.2	30695.5	29785.7	28591.7	26561.0	25050.2
-2.5°	31897.6	31808.3	31670.2	31450.9	31239.7	30809.2	30346.2	29493.3	28209.9	26065.6	24660.3
-5°	31897.6	31483.4	31499.6	31507.7	31296.5	30849.8	30289.3	29566.4	27982.5	26057.4	24546.6
-7.5°	31280.3	30922.9	30866.0	30817.3	30760.5	30346.2	29907.6	29006.0	27600.7	25846.3	24229.8
-10°	30370.6	30021.3	30053.8	29980.7	29802.0	29525.8	29192.8	28380.5	27227.1	25180.2	23588.2
-12.5°	29233.4	29079.1	28989.7	28867.9	28689.2	28445.5	28104.3	27340.8	26106.2	24359.8	22849.0
-15°	27885.0	27771.3	27690.1	27617.0	27357.1	27105.3	26658.5	25951.8	25180.2	23303.9	21760.6
-17.5°	26536.7	26252.4	26138.7	26041.2	25870.6	25464.5	25058.4	24530.4	23450.1	21963.6	20639.6
-20°	24806.6	24636.0	24497.9	24367.9	24124.3	23807.5	23474.4	22865.2	21931.1	20729.0	19356.3



REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	22995.2	22897.7	22784.0	22621.6	22459.1	22158.6	21695.6	21110.8	20379.7	19080.1	17796.7
-25°	21127.0	20940.2	20802.1	20647.8	20517.8	20241.6	19794.9	19234.4	18316.6	17195.6	16123.4
-27.5°	18925.8	18747.1	18674.0	18495.3	18381.5	18129.7	17683.0	17163.1	16334.6	15392.4	14304.0
-30°	16440.2	16472.7	16391.5	16220.9	16082.8	15757.9	15416.8	14978.2	14328.3	13426.7	12452.0
-32.5°	14141.5	14182.1	14084.7	13906.0	13727.3	13491.7	13174.9	12776.9	12289.6	11428.6	10583.8
-35°	11842.8	11826.6	11745.3	11639.7	11517.9	11323.0	10965.6	10665.0	10104.6	9503.5	8918.7
-37.5°	9779.7	9820.3	9795.9	9739.1	9601.0	9438.5	9146.1	8869.9	8455.7	7927.7	7472.8
-40°	8147.0	8195.7	8163.3	8106.4	7984.6	7887.1	7692.1	7448.5	7115.4	6660.6	6278.8
-42.5°	6896.1	6928.6	6888.0	6839.3	6733.7	6660.6	6506.2	6303.2	6027.0	5677.7	5336.6
-45°	5905.2	5913.3	5872.7	5840.2	5759.0	5669.6	5539.6	5377.2	5157.9	4914.2	4638.0
-47.5°	5125.4	5117.3	5076.7	5044.2	4979.2	4898.0	4792.4	4646.2	4475.6	4288.8	4069.4
-50°	4443.1	4483.7	4467.5	4435.0	4386.2	4329.4	4223.8	4069.4	3898.9	3760.8	3606.5
-52.5°	3972.0	3980.1	3972.0	3972.0	3963.9	3923.2	3801.4	3647.1	3460.2	3338.4	3208.4
-55°	3533.4	3574.0	3590.2	3606.5	3614.6	3614.6	3468.4	3305.9	3127.2	3005.4	2907.9
-57.5°	3176.0	3200.3	3216.6	3257.2	3289.7	3314.0	3184.1	3037.9	2899.8	2786.1	2696.7
-60°	2867.3	2899.8	2924.2	2964.8	2989.1	3005.4	2924.2	2826.7	2745.5	2672.3	2542.4
-62.5°	2591.1	2615.5	2639.9	2664.2	2688.6	2704.8	2672.3	2623.6	2583.0	2550.5	2388.1
-65°	2315.0	2339.3	2363.7	2396.2	2420.5	2436.8	2428.7	2396.2	2363.7	2331.2	2185.0
-67.5°	2063.2	2087.5	2120.0	2128.1	2144.4	2152.5	2136.3	2111.9	2071.3	2030.7	1916.9
-70°	1795.1	1811.3	1827.6	1827.6	1827.6	1819.5	1803.2	1770.7	1730.1	1673.3	1583.9
-72.5°	1551.4	1567.7	1583.9	1559.5	1543.3	1518.9	1494.6	1454.0	1413.3	1372.7	1324.0
-75°	1324.0	1332.1	1332.1	1299.6	1275.3	1250.9	1218.4	1194.0	1153.4	1120.9	1080.3
-77.5°	1055.9	1055.9	1055.9	1031.6	1015.3	999.1	974.7	950.3	917.9	893.5	861.0
-80°	820.4	820.4	820.4	812.3	787.9	771.7	755.4	739.2	714.8	698.5	682.3
-82.5°	625.4	625.4	625.4	617.3	601.1	593.0	576.7	560.5	552.3	536.1	528.0
-85°	454.9	463.0	463.0	454.9	446.7	430.5	422.4	414.3	406.1	398.0	381.8
-87.5°	308.7	308.7	308.7	300.5	292.4	292.4	284.3	268.0	251.8	243.7	235.6
-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: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-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°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	24.4	24.4	24.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	24.4
82.5°	40.6	40.6	48.7	48.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9
80°	40.6	48.7	56.9	65.0	73.1	81.2	81.2	81.2	81.2	73.1	73.1
77.5°	48.7	48.7	56.9	65.0	73.1	81.2	89.3	97.5	89.3	89.3	89.3
75°	48.7	56.9	56.9	65.0	73.1	81.2	89.3	97.5	97.5	97.5	97.5
72.5°	40.6	48.7	56.9	65.0	65.0	73.1	81.2	81.2	89.3	89.3	97.5
70°	40.6	48.7	56.9	56.9	65.0	65.0	73.1	81.2	81.2	89.3	89.3
67.5°	48.7	56.9	56.9	65.0	73.1	73.1	73.1	81.2	81.2	89.3	89.3
65°	56.9	65.0	65.0	73.1	81.2	81.2	89.3	89.3	89.3	97.5	97.5
62.5°	97.5	97.5	97.5	89.3	97.5	97.5	97.5	105.6	105.6	97.5	105.6
60°	503.6	365.5	251.8	316.8	284.3	130.0	130.0	130.0	121.8	121.8	113.7
57.5°	1185.9	1104.7	950.3	804.1	722.9	641.7	398.0	162.5	162.5	146.2	130.0
55°	1981.9	1713.9	1600.2	1405.2	1194.0	1096.6	909.7	617.3	292.4	194.9	170.6
52.5°	3070.4	2818.6	2526.1	2128.1	1843.8	1616.4	1462.1	1161.5	779.8	414.3	259.9
50°	4110.1	3996.3	3817.6	3427.8	2834.8	2453.0	2201.2	1860.1	1397.1	852.9	487.4
47.5°	6620.0	5669.6	5092.9	4792.4	4296.9	3574.0	3086.6	2704.8	2144.4	1437.7	861.0
45°	8333.8	7732.8	6814.9	6181.3	5450.3	4686.8	4053.2	3614.6	2948.5	2152.5	1348.4
42.5°	9804.0	9284.2	8455.7	7529.7	6758.0	5759.0	4946.7	4370.0	3809.5	2940.4	2014.4
40°	11696.6	11079.3	10283.3	9381.7	8480.0	7204.8	5888.9	5190.4	4573.0	3801.4	2721.1
37.5°	14815.7	13727.3	12427.6	11428.6	10250.8	9170.5	7367.2	6132.6	5401.6	4597.4	3549.6
35°	18568.4	17374.3	15205.6	13881.6	12305.8	10697.5	9073.0	7245.4	6205.7	5352.8	4313.1
32.5°	22061.1	20314.7	17536.8	15985.4	14937.5	11972.8	10291.4	8707.5	7034.2	5986.4	4751.7
30°	23027.7	21102.6	19112.6	17301.2	15514.3	13118.1	11128.0	9893.4	8073.9	6368.2	5166.0
27.5°	22053.0	20729.0	19185.7	17504.3	15571.1	13516.1	11639.7	10462.0	8837.4	6628.1	5490.9
25°	21062.0	19681.2	18600.9	17195.6	15408.7	13491.7	11656.0	10819.4	9430.4	7131.7	5669.6
22.5°	20014.2	19153.2	18259.7	16692.0	15002.5	13564.8	12184.0	11128.0	9739.1	7700.3	5742.7
20°	20071.1	19510.6	18527.8	16432.1	14929.4	13995.3	12817.5	11517.9	10072.1	8195.7	5799.6
17.5°	20980.8	20249.8	19015.1	17195.6	15587.4	14433.9	13345.5	12054.0	10413.2	8634.4	6490.0
15°	22101.7	20988.9	19697.4	18097.3	16277.8	14913.2	13751.6	12427.6	10803.1	9040.5	7107.3
12.5°	22914.0	21330.1	20119.8	18674.0	17025.1	15433.0	14019.7	12711.9	11168.6	9373.5	7570.3
10°	23190.1	21752.4	20322.9	19031.4	17406.8	15709.2	14222.7	12890.6	11485.4	9633.5	7911.5
7.5°	23336.4	22118.0	20460.9	19193.8	17634.3	15879.8	14385.2	12988.1	11737.2	9812.2	8130.8
5°	23320.1	22312.9	20566.5	19242.5	17756.1	15952.9	14498.9	13012.5	11915.9	9966.5	8260.7
2.5°	23247.0	22442.9	20737.1	19323.8	17999.8	16091.0	14718.2	13061.2	11980.9	10137.1	8350.1
0°	23515.1	22451.0	20915.8	19348.1	18162.2	16139.7	14815.7	13020.6	11891.6	10185.8	8342.0
-2.5°	22938.3	21971.8	20875.2	19136.9	17942.9	16026.0	14637.0	12890.6	11696.6	10128.9	8309.5
-5°	22840.9	21622.5	20534.0	18942.0	17577.4	15790.4	14304.0	12647.0	11387.9	9942.1	8179.5
-7.5°	22581.0	21289.5	20201.0	18787.7	17236.3	15546.7	13987.2	12395.2	11054.9	9649.7	7992.7
-10°	22012.4	20777.7	19843.6	18454.6	16822.0	15197.5	13605.4	12062.1	10665.0	9251.7	7700.3
-12.5°	21200.1	19965.5	19039.5	17748.0	16302.1	14726.4	13150.6	11631.6	10218.3	8829.3	7351.0
-15°	20282.2	19031.4	18105.4	16927.6	15530.5	13995.3	12573.9	11087.4	9706.6	8382.6	6936.7
-17.5°	19242.5	18056.6	17163.1	16017.9	14628.9	13166.8	11753.5	10405.1	9113.6	7919.6	6457.5
-20°	18040.4	16887.0	16066.6	14921.3	13646.0	12224.6	10851.9	9576.6	8415.1	7294.1	5929.5



REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-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°	16553.9	15538.6	14604.5	13581.1	12468.3	11168.6	9893.4	8764.3	7651.5	6555.0	5385.3
-25°	15035.0	14052.2	13142.4	12208.3	11144.3	10023.3	8934.9	7911.5	6823.0	5832.1	4857.3
-27.5°	13345.5	12468.3	11656.0	10795.0	9820.3	8853.7	7960.2	6961.1	6018.9	5174.1	4337.5
-30°	11542.3	10827.5	10120.8	9357.3	8569.4	7757.1	6961.1	6018.9	5279.7	4605.5	3898.9
-32.5°	9812.2	9170.5	8601.9	8033.3	7351.0	6684.9	5978.3	5279.7	4662.4	4069.4	3476.5
-35°	8293.2	7610.9	7294.1	6839.3	6295.0	5694.0	5117.3	4629.9	4134.4	3598.3	3070.4
-37.5°	6977.4	6538.7	6165.1	5823.9	5393.4	4873.6	4459.3	4061.3	3647.1	3159.7	2704.8
-40°	5945.8	5629.0	5255.4	5003.5	4654.3	4280.6	3866.4	3533.4	3184.1	2786.1	2412.4
-42.5°	5117.3	4857.3	4613.7	4345.6	4085.7	3768.9	3411.5	3094.7	2777.9	2485.5	2176.9
-45°	4435.0	4248.1	4053.2	3833.9	3606.5	3330.3	3037.9	2713.0	2485.5	2225.6	1965.7
-47.5°	3874.5	3736.4	3574.0	3403.4	3208.4	2964.8	2696.7	2461.2	2225.6	2006.3	1754.5
-50°	3427.8	3297.8	3167.8	3021.6	2851.0	2639.9	2436.8	2217.5	1998.2	1787.0	1551.4
-52.5°	3054.1	2940.4	2834.8	2713.0	2550.5	2371.8	2185.0	1990.0	1787.0	1575.8	1389.0
-55°	2794.2	2664.2	2558.6	2436.8	2290.6	2120.0	1949.4	1770.7	1575.8	1413.3	1259.0
-57.5°	2583.0	2436.8	2315.0	2185.0	2038.8	1892.6	1738.2	1575.8	1429.6	1275.3	1129.0
-60°	2404.3	2233.7	2095.6	1965.7	1827.6	1689.5	1559.5	1421.5	1283.4	1145.3	999.1
-62.5°	2217.5	2038.8	1868.2	1746.4	1640.8	1518.9	1405.2	1275.3	1153.4	1015.3	909.7
-65°	2006.3	1835.7	1673.3	1567.7	1470.2	1364.6	1259.0	1145.3	1039.7	934.1	836.6
-67.5°	1770.7	1624.5	1510.8	1413.3	1315.9	1226.5	1129.0	1031.6	942.2	836.6	739.2
-70°	1486.4	1405.2	1340.2	1267.1	1177.8	1096.6	1007.2	917.9	820.4	731.0	641.7
-72.5°	1267.1	1218.4	1169.7	1096.6	1015.3	942.2	869.1	787.9	706.7	625.4	552.3
-75°	1039.7	999.1	958.5	909.7	844.8	787.9	722.9	649.8	584.8	528.0	471.1
-77.5°	836.6	804.1	779.8	739.2	690.4	641.7	601.1	552.3	503.6	446.7	389.9
-80°	666.1	649.8	641.7	625.4	584.8	544.2	511.7	471.1	422.4	381.8	341.2
-82.5°	519.8	519.8	511.7	503.6	471.1	438.6	414.3	381.8	349.3	316.8	276.2
-85°	381.8	373.6	373.6	365.5	341.2	324.9	300.5	284.3	259.9	227.4	211.2
-87.5°	227.4	219.3	211.2	203.1	186.8	178.7	162.5	154.3	138.1	121.8	113.7
-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: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-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°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	0.0	0.0
85°	24.4	16.2	16.2	16.2	16.2	16.2	8.1	8.1	8.1	8.1	8.1
82.5°	48.7	48.7	40.6	40.6	32.5	24.4	16.2	16.2	16.2	8.1	8.1
80°	73.1	73.1	73.1	65.0	56.9	40.6	32.5	24.4	16.2	8.1	8.1
77.5°	89.3	81.2	81.2	73.1	73.1	65.0	48.7	40.6	24.4	16.2	8.1
75°	89.3	89.3	89.3	81.2	81.2	73.1	65.0	48.7	40.6	24.4	16.2
72.5°	97.5	89.3	89.3	89.3	81.2	73.1	65.0	56.9	48.7	32.5	16.2
70°	89.3	89.3	89.3	89.3	81.2	81.2	65.0	56.9	56.9	32.5	24.4
67.5°	89.3	89.3	89.3	81.2	81.2	73.1	65.0	56.9	56.9	40.6	24.4
65°	97.5	89.3	89.3	89.3	81.2	73.1	65.0	56.9	56.9	48.7	32.5
62.5°	105.6	97.5	97.5	89.3	81.2	73.1	65.0	56.9	56.9	48.7	32.5
60°	113.7	105.6	97.5	97.5	89.3	81.2	65.0	65.0	56.9	48.7	32.5
57.5°	121.8	113.7	113.7	105.6	97.5	89.3	73.1	65.0	56.9	48.7	40.6
55°	146.2	130.0	121.8	121.8	113.7	97.5	81.2	65.0	56.9	48.7	40.6
52.5°	194.9	154.3	138.1	138.1	130.0	113.7	89.3	73.1	56.9	48.7	40.6
50°	308.7	194.9	162.5	146.2	146.2	130.0	105.6	81.2	56.9	48.7	40.6
47.5°	487.4	324.9	194.9	170.6	162.5	154.3	121.8	81.2	65.0	48.7	40.6
45°	804.1	479.2	316.8	203.1	170.6	162.5	138.1	89.3	65.0	56.9	40.6
42.5°	1104.7	747.3	487.4	243.7	203.1	178.7	146.2	97.5	73.1	56.9	40.6
40°	1738.2	1023.5	682.3	398.0	235.6	186.8	162.5	113.7	73.1	56.9	40.6
37.5°	2355.6	1356.5	917.9	584.8	268.0	211.2	170.6	121.8	81.2	56.9	48.7
35°	2972.9	1900.7	1137.2	779.8	357.4	251.8	178.7	130.0	81.2	56.9	48.7
32.5°	3525.2	2412.4	1364.6	974.7	536.1	300.5	194.9	138.1	89.3	65.0	48.7
30°	3980.1	2883.5	1770.7	1145.3	698.5	365.5	211.2	138.1	97.5	65.0	48.7
27.5°	4321.2	3249.1	2185.0	1324.0	836.6	430.5	243.7	154.3	97.5	65.0	48.7
25°	4597.4	3533.4	2550.5	1510.8	958.5	536.1	292.4	162.5	105.6	73.1	48.7
22.5°	4816.7	3768.9	2851.0	1762.6	1104.7	641.7	357.4	178.7	105.6	73.1	48.7
20°	5117.3	4004.5	3054.1	2030.7	1259.0	739.2	414.3	194.9	105.6	73.1	56.9
17.5°	5377.2	4240.0	3216.6	2258.1	1413.3	812.3	479.2	211.2	113.7	73.1	56.9
15°	5677.7	4467.5	3362.8	2436.8	1559.5	877.2	536.1	227.4	113.7	81.2	56.9
12.5°	6002.6	4678.6	3468.4	2583.0	1713.9	934.1	584.8	259.9	121.8	81.2	56.9
10°	6335.7	4857.3	3557.7	2688.6	1827.6	991.0	617.3	292.4	130.0	81.2	56.9
7.5°	6668.7	5019.8	3671.4	2737.3	1876.3	1055.9	633.6	324.9	130.0	89.3	56.9
5°	6896.1	5125.4	3833.9	2769.8	1900.7	1129.0	657.9	365.5	138.1	89.3	56.9
2.5°	7091.1	5190.4	4004.5	2794.2	1908.8	1169.7	649.8	389.9	146.2	89.3	56.9
0°	7180.4	5190.4	4118.2	2777.9	1884.5	1210.3	649.8	414.3	146.2	89.3	56.9
-2.5°	7042.3	5336.6	4085.7	2786.1	1892.6	1210.3	682.3	422.4	162.5	97.5	56.9
-5°	6823.0	5393.4	3988.2	2745.5	1876.3	1210.3	722.9	430.5	170.6	97.5	65.0
-7.5°	6611.8	5417.8	3874.5	2704.8	1852.0	1177.8	731.0	422.4	186.8	105.6	65.0
-10°	6335.7	5149.8	3728.3	2631.7	1803.2	1153.4	747.3	422.4	194.9	105.6	65.0
-12.5°	6018.9	4824.9	3549.6	2526.1	1746.4	1129.0	755.4	422.4	203.1	113.7	65.0
-15°	5653.4	4491.8	3346.5	2412.4	1665.1	1096.6	739.2	414.3	211.2	113.7	73.1
-17.5°	5239.1	4166.9	3135.3	2274.3	1575.8	1055.9	706.7	406.1	211.2	113.7	73.1
-20°	4768.0	3842.0	2899.8	2136.3	1470.2	1007.2	674.2	389.9	211.2	113.7	73.1



REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4345.6	3541.5	2656.1	1981.9	1356.5	950.3	633.6	373.6	211.2	121.8	73.1
-25°	3996.3	3249.1	2469.3	1827.6	1234.6	885.4	593.0	357.4	211.2	121.8	73.1
-27.5°	3630.8	2932.3	2274.3	1681.4	1153.4	828.5	552.3	341.2	203.1	121.8	73.1
-30°	3257.2	2623.6	2071.3	1518.9	1072.2	771.7	519.8	316.8	203.1	121.8	73.1
-32.5°	2916.0	2371.8	1884.5	1356.5	982.8	714.8	487.4	308.7	194.9	121.8	73.1
-35°	2583.0	2144.4	1689.5	1226.5	885.4	657.9	454.9	300.5	194.9	121.8	73.1
-37.5°	2306.8	1933.2	1510.8	1137.2	828.5	609.2	422.4	284.3	186.8	121.8	73.1
-40°	2079.4	1738.2	1340.2	1039.7	779.8	560.5	389.9	276.2	186.8	121.8	73.1
-42.5°	1868.2	1551.4	1234.6	958.5	731.0	528.0	365.5	268.0	178.7	121.8	73.1
-45°	1681.4	1389.0	1129.0	885.4	674.2	487.4	349.3	251.8	170.6	121.8	81.2
-47.5°	1494.6	1275.3	1031.6	820.4	617.3	438.6	333.0	243.7	162.5	113.7	81.2
-50°	1348.4	1153.4	950.3	747.3	560.5	422.4	316.8	227.4	162.5	113.7	81.2
-52.5°	1218.4	1039.7	861.0	674.2	511.7	398.0	300.5	211.2	154.3	113.7	81.2
-55°	1096.6	934.1	771.7	601.1	479.2	373.6	276.2	194.9	154.3	113.7	81.2
-57.5°	974.7	836.6	682.3	544.2	438.6	349.3	259.9	194.9	154.3	113.7	81.2
-60°	877.2	747.3	617.3	503.6	406.1	316.8	235.6	186.8	146.2	113.7	81.2
-62.5°	796.0	674.2	560.5	454.9	373.6	284.3	227.4	186.8	146.2	113.7	73.1
-65°	714.8	609.2	503.6	414.3	333.0	268.0	219.3	178.7	146.2	113.7	73.1
-67.5°	633.6	536.1	454.9	365.5	308.7	259.9	211.2	178.7	138.1	105.6	73.1
-70°	552.3	471.1	398.0	341.2	292.4	243.7	203.1	170.6	138.1	97.5	65.0
-72.5°	487.4	414.3	357.4	316.8	276.2	235.6	194.9	162.5	130.0	89.3	56.9
-75°	414.3	365.5	324.9	284.3	251.8	219.3	186.8	146.2	113.7	81.2	56.9
-77.5°	349.3	316.8	284.3	259.9	227.4	194.9	162.5	130.0	105.6	73.1	48.7
-80°	300.5	276.2	251.8	227.4	203.1	170.6	146.2	113.7	89.3	65.0	40.6
-82.5°	243.7	227.4	203.1	186.8	170.6	146.2	121.8	97.5	65.0	48.7	32.5
-85°	186.8	170.6	162.5	146.2	130.0	105.6	81.2	65.0	48.7	32.5	16.2
-87.5°	97.5	89.3	81.2	73.1	65.0	48.7	40.6	32.5	24.4	16.2	8.1
-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: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-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°	8.1	0.0	0.0	0.0
77.5°	8.1	0.0	0.0	0.0
75°	8.1	8.1	0.0	0.0
72.5°	8.1	8.1	0.0	0.0
70°	8.1	8.1	0.0	0.0
67.5°	16.2	8.1	0.0	0.0
65°	16.2	8.1	0.0	0.0
62.5°	16.2	8.1	0.0	0.0
60°	16.2	8.1	0.0	0.0
57.5°	24.4	8.1	8.1	0.0
55°	24.4	8.1	8.1	0.0
52.5°	24.4	8.1	8.1	0.0
50°	24.4	16.2	8.1	0.0
47.5°	24.4	16.2	8.1	0.0
45°	24.4	16.2	8.1	0.0
42.5°	24.4	16.2	8.1	0.0
40°	32.5	16.2	8.1	0.0
37.5°	32.5	16.2	8.1	0.0
35°	32.5	16.2	8.1	0.0
32.5°	32.5	16.2	8.1	0.0
30°	32.5	16.2	8.1	0.0
27.5°	32.5	24.4	8.1	0.0
25°	32.5	24.4	8.1	0.0
22.5°	40.6	24.4	8.1	0.0
20°	40.6	24.4	8.1	0.0
17.5°	40.6	24.4	8.1	0.0
15°	40.6	24.4	8.1	0.0
12.5°	40.6	24.4	8.1	0.0
10°	40.6	24.4	8.1	0.0
7.5°	40.6	24.4	8.1	0.0
5°	40.6	24.4	8.1	0.0
2.5°	40.6	24.4	8.1	0.0
0°	40.6	24.4	8.1	0.0
-2.5°	40.6	24.4	8.1	0.0
-5°	40.6	24.4	8.1	0.0
-7.5°	40.6	24.4	8.1	0.0
-10°	40.6	24.4	8.1	0.0
-12.5°	48.7	24.4	8.1	0.0
-15°	48.7	24.4	8.1	0.0
-17.5°	48.7	24.4	8.1	0.0
-20°	48.7	24.4	8.1	0.0

REPORT NUMBER: P722533

CATALOG NUMBER: IFLD-L-SA7D-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	48.7	24.4	8.1	0.0
-25°	48.7	24.4	8.1	0.0
-27.5°	48.7	24.4	8.1	0.0
-30°	48.7	24.4	8.1	0.0
-32.5°	48.7	24.4	8.1	0.0
-35°	48.7	24.4	8.1	0.0
-37.5°	48.7	24.4	8.1	0.0
-40°	48.7	24.4	8.1	0.0
-42.5°	40.6	24.4	8.1	0.0
-45°	48.7	24.4	8.1	0.0
-47.5°	48.7	24.4	8.1	0.0
-50°	48.7	24.4	8.1	0.0
-52.5°	48.7	24.4	8.1	0.0
-55°	48.7	24.4	8.1	0.0
-57.5°	48.7	24.4	8.1	0.0
-60°	48.7	24.4	8.1	0.0
-62.5°	40.6	24.4	8.1	0.0
-65°	40.6	16.2	8.1	0.0
-67.5°	40.6	16.2	8.1	0.0
-70°	40.6	16.2	8.1	0.0
-72.5°	32.5	16.2	8.1	0.0
-75°	32.5	16.2	8.1	0.0
-77.5°	24.4	8.1	0.0	0.0
-80°	24.4	8.1	0.0	0.0
-82.5°	16.2	8.1	0.0	0.0
-85°	8.1	8.1	0.0	0.0
-87.5°	8.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)