

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: P722726

Luminaire Tested: **IFLD-S-SA6D-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722726
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33782.9 lumens	Max Intensity:	23584.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	91.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	21552 lumens	Field Lumens:	31849.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

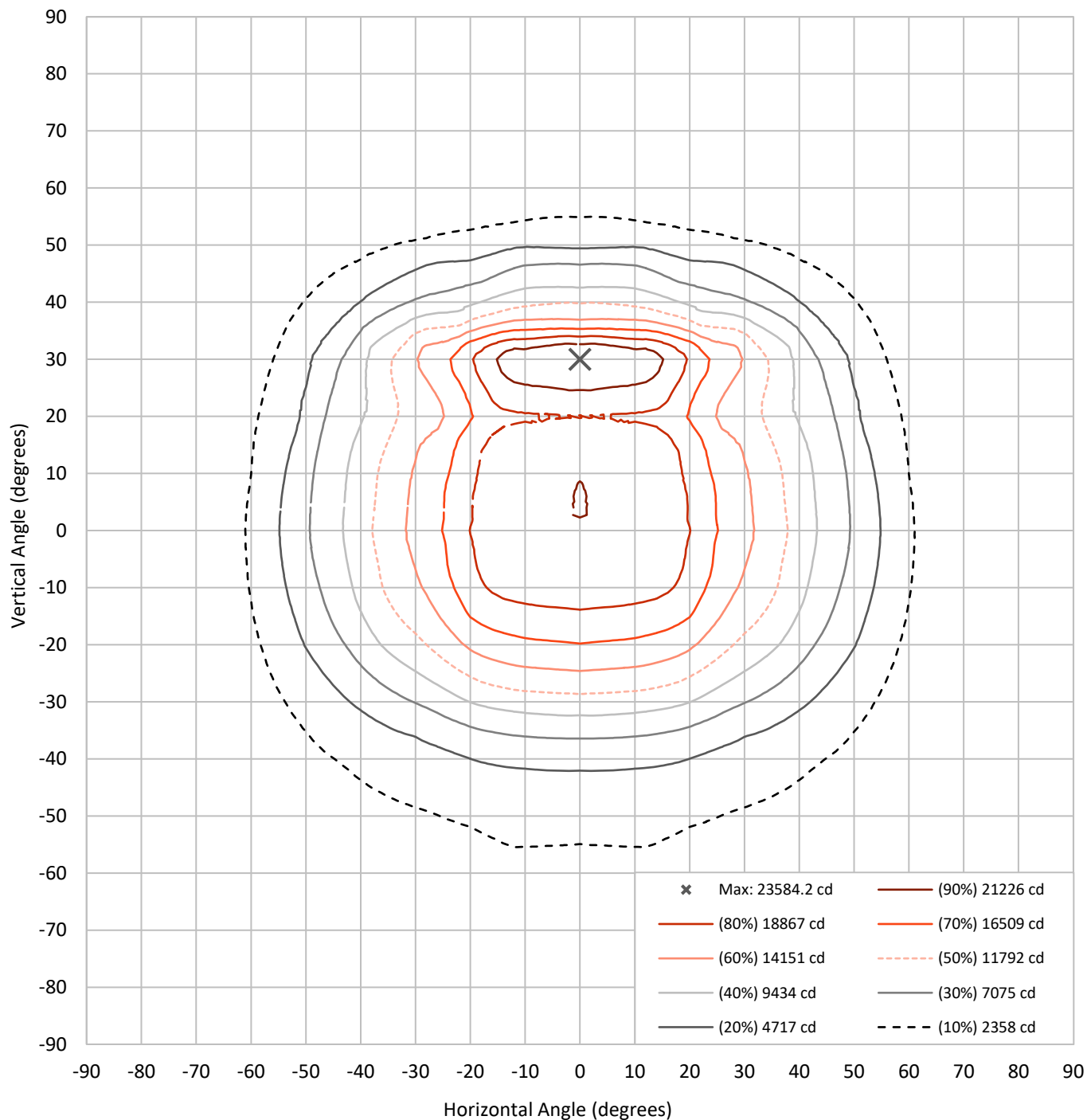
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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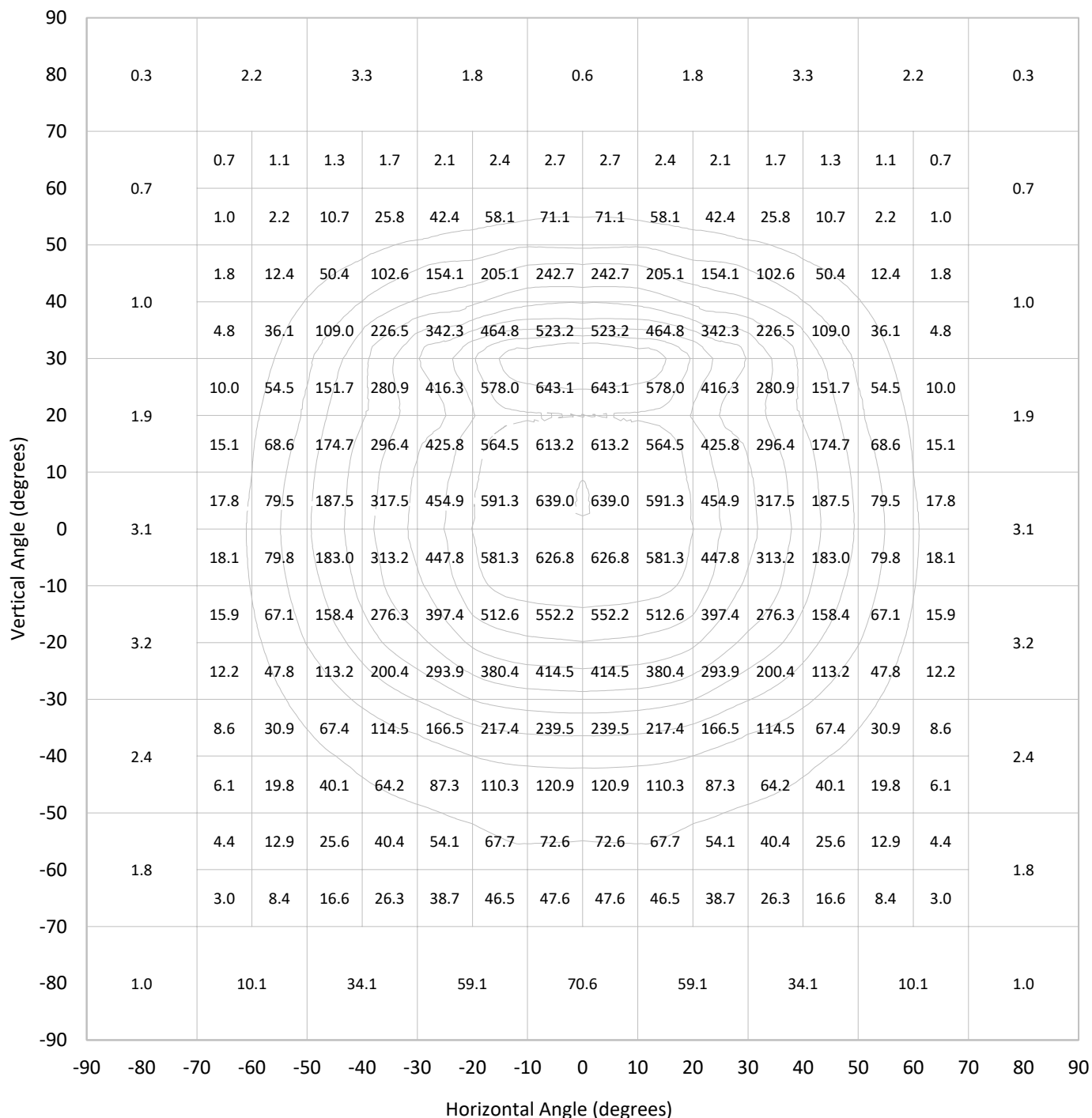
Iso-Candela Plot



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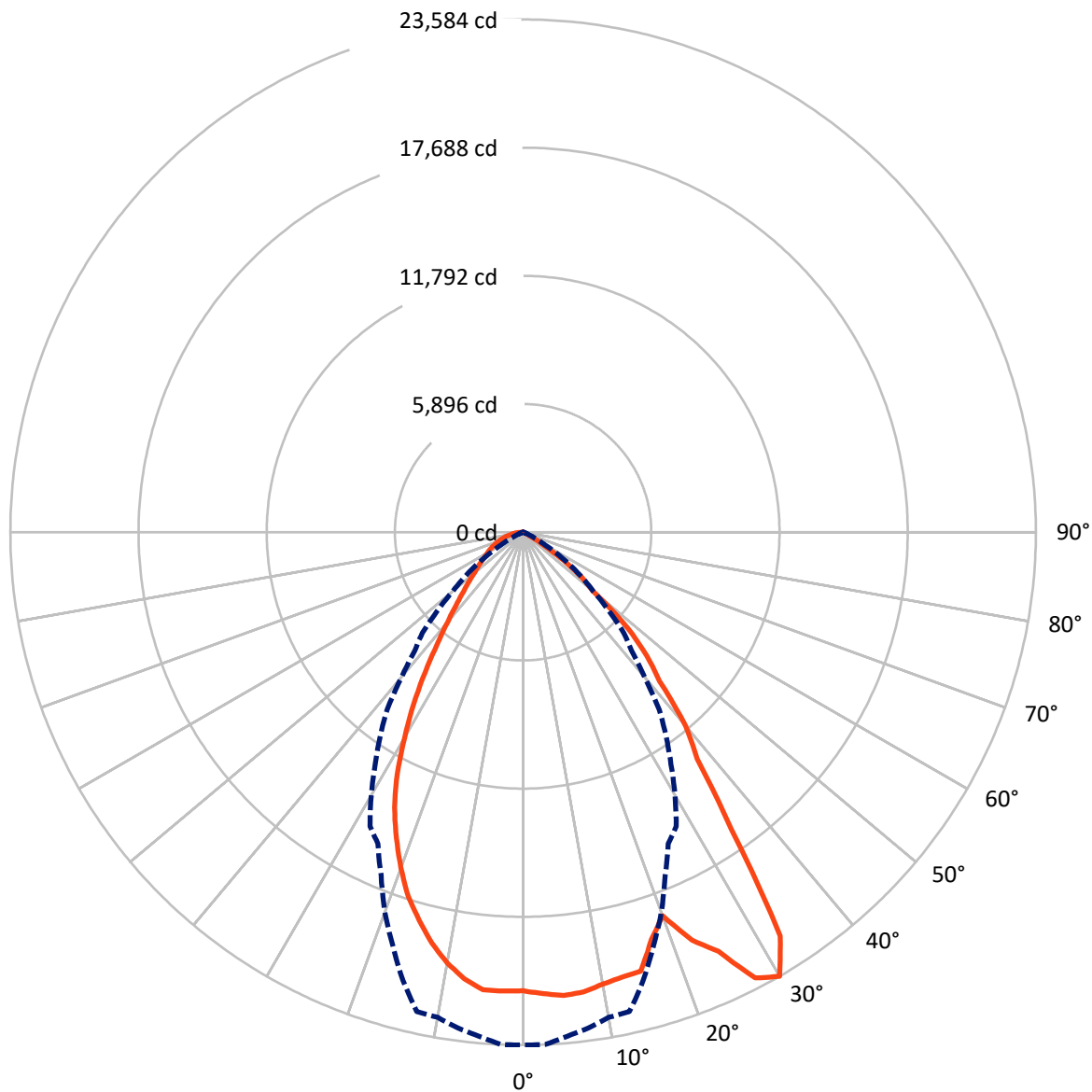
Lumen Table



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Luminous Intensity Polar Plot

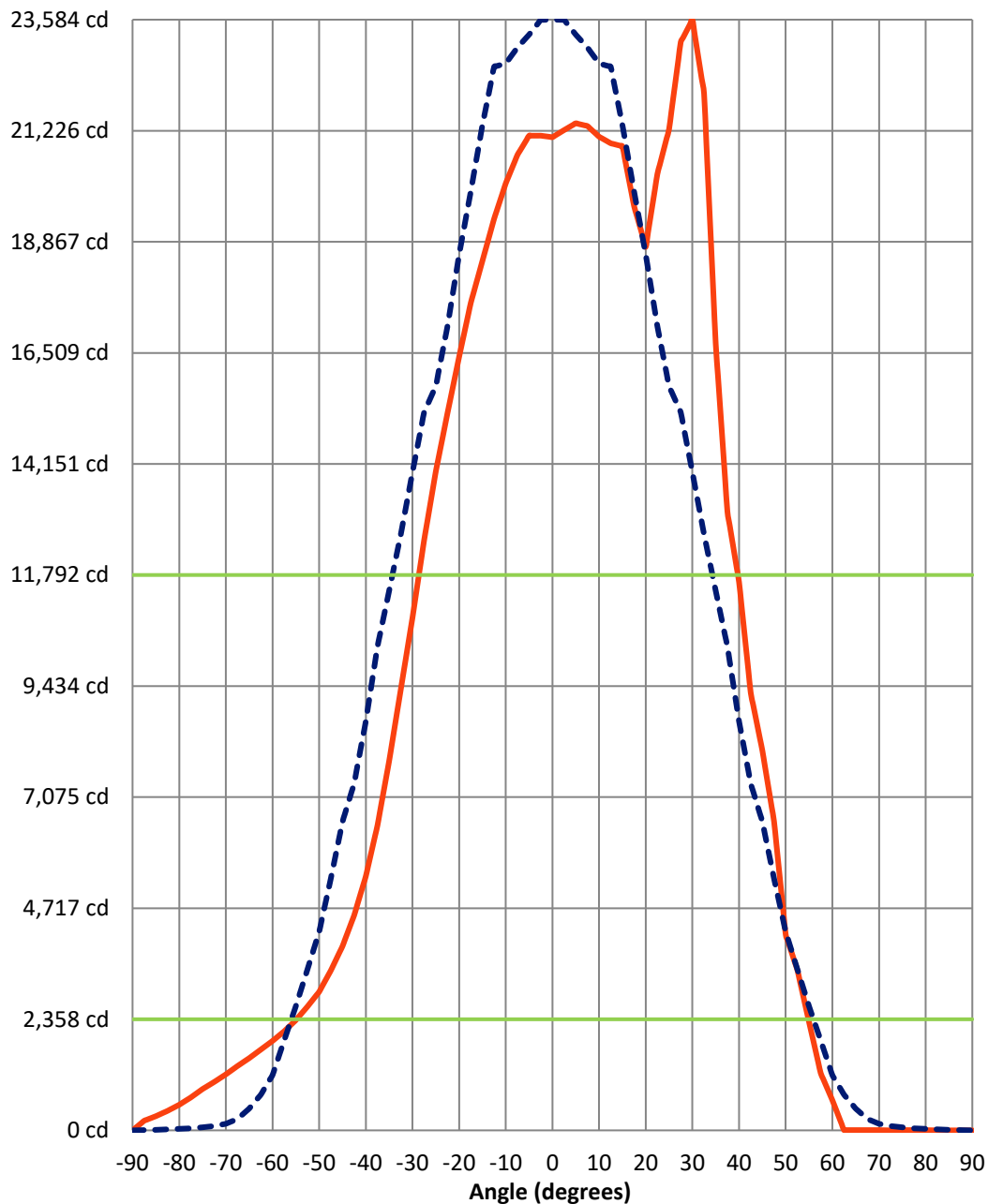


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21552

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 31849.7

Efficiency: 94.3%

Spill:

Lumens: 1933.2

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-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	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	0.0	5.4	5.4	5.4	10.8	10.8	10.8	10.8	10.8	10.8	16.1
82.5°	0.0	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.1	16.1	21.5
80°	5.4	5.4	5.4	5.4	10.8	10.8	10.8	16.1	16.1	21.5	21.5
77.5°	5.4	5.4	5.4	10.8	10.8	10.8	16.1	16.1	21.5	21.5	26.9
75°	5.4	5.4	5.4	10.8	10.8	16.1	16.1	16.1	21.5	21.5	26.9
72.5°	0.0	5.4	5.4	10.8	10.8	16.1	16.1	16.1	21.5	21.5	21.5
70°	5.4	5.4	5.4	10.8	10.8	16.1	16.1	16.1	21.5	21.5	21.5
67.5°	5.4	5.4	5.4	10.8	10.8	16.1	16.1	21.5	21.5	21.5	26.9
65°	5.4	5.4	5.4	10.8	16.1	16.1	21.5	26.9	26.9	32.3	37.6
62.5°	5.4	10.8	10.8	16.1	21.5	26.9	59.2	91.4	91.4	64.5	53.8
60°	640.0	693.8	688.4	623.9	543.2	457.2	441.0	424.9	392.6	344.2	360.4
57.5°	1215.5	1280.1	1306.9	1290.8	1247.8	1172.5	1129.5	1081.1	1016.5	941.2	855.2
55°	2302.0	2328.8	2269.7	2156.7	2033.0	1909.3	1866.3	1801.8	1704.9	1608.1	1479.1
52.5°	3404.5	3496.0	3469.1	3356.1	3189.4	2968.9	2726.8	2538.6	2425.7	2318.1	2189.0
50°	4157.5	4195.1	4270.4	4404.9	4453.3	4302.7	3910.1	3404.5	3044.2	3227.0	3087.2
47.5°	6561.6	6749.9	6712.2	6615.4	6454.1	6045.3	5496.7	5044.9	4668.4	4544.7	4566.3
45°	8062.2	8137.5	8110.6	8067.6	7992.3	7610.4	7002.7	6308.9	5959.3	5819.4	5674.2
42.5°	9293.9	9374.5	9390.7	9396.0	9315.4	8965.8	8417.2	7723.4	7373.8	6970.4	6653.1
40°	11644.2	11762.5	11628.1	11450.6	11181.7	10783.7	10245.8	9605.8	8987.3	8492.5	8116.0
37.5°	13144.8	13290.0	13343.8	13333.0	13273.9	13101.8	12440.2	11832.5	10885.9	9777.9	9976.9
35°	16705.3	16855.9	16812.8	16651.5	16565.4	16382.6	15737.2	15016.5	13827.8	12623.1	12300.4
32.5°	22013.8	22341.8	21728.7	21056.4	20642.3	20787.5	20131.3	18367.2	17818.6	15645.7	14640.0
30°	23584.2	23578.9	23266.9	22992.6	22653.8	22583.9	21346.8	19937.7	18593.1	17071.0	15801.7
27.5°	23105.6	23008.8	22745.2	22546.2	22228.9	22062.2	20852.0	19733.3	18179.0	16818.2	15592.0
25°	21260.8	21336.1	21067.2	21029.5	20905.8	20583.1	19980.7	18722.2	17334.6	15828.6	14946.5
22.5°	20308.8	20281.9	19959.2	19771.0	19921.6	19577.3	19335.3	18066.0	16619.2	15349.9	14290.4
20°	18759.8	18765.2	18684.5	18668.4	18577.0	18421.0	18227.4	17329.2	16307.3	15220.8	13946.2
17.5°	19625.7	19846.3	19943.1	19141.7	19367.6	19190.1	18985.7	17732.6	16963.4	16000.7	14338.8
15°	20895.0	20814.4	20717.6	20674.5	20550.8	20384.1	20013.0	19012.6	17689.5	16694.5	15398.3
12.5°	20959.6	20803.6	20766.0	20760.6	20631.5	20400.2	20039.9	19211.6	18039.1	16829.0	15774.8
10°	21099.4	20938.1	20916.6	20943.5	20744.5	20599.2	20238.9	19469.8	18146.7	17060.3	16065.3
7.5°	21325.3	21056.4	21180.1	21099.4	21008.0	20776.7	20389.5	19636.5	18539.3	17366.8	16323.4
5°	21384.5	21088.7	21223.1	21147.8	21013.4	20787.5	20368.0	19744.1	18781.3	17490.5	16425.6
2.5°	21239.3	21153.2	21094.0	20954.2	20895.0	20647.6	20249.6	19582.7	18668.4	17436.7	16404.1
0°	21088.7	21164.0	21029.5	20889.7	20862.8	20663.8	20324.9	19722.6	18931.9	17587.3	16587.0
-2.5°	21120.9	21061.8	20970.3	20825.1	20685.3	20400.2	20093.7	19528.9	18679.2	17259.3	16328.8
-5°	21120.9	20846.6	20857.4	20862.8	20722.9	20427.1	20056.0	19577.3	18528.6	17253.9	16253.5
-7.5°	20712.2	20475.5	20437.9	20405.6	20368.0	20093.7	19803.2	19206.2	18275.8	17114.0	16043.7
-10°	20109.8	19878.5	19900.0	19851.6	19733.3	19550.5	19329.9	18792.1	18028.4	16673.0	15618.8
-12.5°	19356.8	19254.6	19195.5	19114.8	18996.5	18835.1	18609.2	18103.7	17286.1	16129.8	15129.4
-15°	18464.0	18388.7	18334.9	18286.5	18114.4	17947.7	17651.9	17184.0	16673.0	15430.6	14408.7
-17.5°	17571.2	17383.0	17307.7	17243.1	17130.2	16861.3	16592.3	16242.7	15527.4	14543.2	13666.5
-20°	16425.6	16312.7	16221.2	16135.2	15973.8	15764.1	15543.5	15140.2	14521.7	13725.7	12816.7

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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°	15226.2	15161.7	15086.4	14978.8	14871.3	14672.3	14365.7	13978.4	13494.4	12633.8	11784.1
-25°	13989.2	13865.5	13774.1	13671.9	13585.8	13402.9	13107.1	12736.0	12128.3	11386.1	10676.1
-27.5°	12531.7	12413.3	12364.9	12246.6	12171.3	12004.6	11708.8	11364.5	10815.9	10192.1	9471.3
-30°	10885.9	10907.4	10853.6	10740.6	10649.2	10434.1	10208.2	9917.8	9487.5	8890.5	8245.1
-32.5°	9363.8	9390.7	9326.1	9207.8	9089.5	8933.5	8723.7	8460.2	8137.5	7567.4	7008.0
-35°	7841.7	7830.9	7777.2	7707.2	7626.6	7497.5	7260.8	7061.8	6690.7	6292.7	5905.5
-37.5°	6475.6	6502.5	6486.3	6448.7	6357.3	6249.7	6056.1	5873.2	5598.9	5249.3	4948.1
-40°	5394.5	5426.8	5405.3	5367.6	5287.0	5222.4	5093.3	4932.0	4711.5	4410.3	4157.5
-42.5°	4566.3	4587.8	4560.9	4528.6	4458.7	4410.3	4308.1	4173.6	3990.8	3759.5	3533.6
-45°	3910.1	3915.5	3888.6	3867.1	3813.3	3754.1	3668.1	3560.5	3415.3	3253.9	3071.1
-47.5°	3393.8	3388.4	3361.5	3340.0	3297.0	3243.2	3173.3	3076.4	2963.5	2839.8	2694.6
-50°	2942.0	2968.9	2958.1	2936.6	2904.3	2866.7	2796.8	2694.6	2581.6	2490.2	2388.0
-52.5°	2630.0	2635.4	2630.0	2630.0	2624.7	2597.8	2517.1	2414.9	2291.2	2210.5	2124.5
-55°	2339.6	2366.5	2377.2	2388.0	2393.4	2393.4	2296.6	2189.0	2070.7	1990.0	1925.5
-57.5°	2103.0	2119.1	2129.8	2156.7	2178.2	2194.4	2108.3	2011.5	1920.1	1844.8	1785.6
-60°	1898.6	1920.1	1936.2	1963.1	1979.2	1990.0	1936.2	1871.7	1817.9	1769.5	1683.4
-62.5°	1715.7	1731.8	1748.0	1764.1	1780.2	1791.0	1769.5	1737.2	1710.3	1688.8	1581.2
-65°	1532.8	1549.0	1565.1	1586.6	1602.8	1613.5	1608.1	1586.6	1565.1	1543.6	1446.8
-67.5°	1366.1	1382.2	1403.8	1409.1	1419.9	1425.3	1414.5	1398.4	1371.5	1344.6	1269.3
-70°	1188.6	1199.4	1210.1	1210.1	1210.1	1204.8	1194.0	1172.5	1145.6	1107.9	1048.8
-72.5°	1027.3	1038.0	1048.8	1032.7	1021.9	1005.8	989.6	962.7	935.8	908.9	876.7
-75°	876.7	882.1	882.1	860.5	844.4	828.3	806.8	790.6	763.7	742.2	715.3
-77.5°	699.2	699.2	699.2	683.1	672.3	661.5	645.4	629.3	607.8	591.6	570.1
-80°	543.2	543.2	543.2	537.8	521.7	510.9	500.2	489.4	473.3	462.5	451.8
-82.5°	414.1	414.1	414.1	408.8	398.0	392.6	381.9	371.1	365.7	355.0	349.6
-85°	301.2	306.6	306.6	301.2	295.8	285.1	279.7	274.3	268.9	263.5	252.8
-87.5°	204.4	204.4	204.4	199.0	193.6	193.6	188.2	177.5	166.7	161.4	156.0
-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	16.1	16.1	16.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	16.1
82.5°	26.9	26.9	32.3	32.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6
80°	26.9	32.3	37.6	43.0	48.4	53.8	53.8	53.8	53.8	48.4	48.4
77.5°	32.3	32.3	37.6	43.0	48.4	53.8	59.2	64.5	59.2	59.2	59.2
75°	32.3	37.6	37.6	43.0	48.4	53.8	59.2	64.5	64.5	64.5	64.5
72.5°	26.9	32.3	37.6	43.0	43.0	48.4	53.8	53.8	59.2	59.2	64.5
70°	26.9	32.3	37.6	37.6	43.0	43.0	48.4	53.8	53.8	59.2	59.2
67.5°	32.3	37.6	37.6	43.0	48.4	48.4	48.4	53.8	53.8	59.2	59.2
65°	37.6	43.0	43.0	48.4	53.8	53.8	59.2	59.2	59.2	64.5	64.5
62.5°	64.5	64.5	64.5	59.2	64.5	64.5	64.5	69.9	69.9	64.5	69.9
60°	333.5	242.0	166.7	209.8	188.2	86.1	86.1	86.1	80.7	80.7	75.3
57.5°	785.2	731.5	629.3	532.5	478.7	424.9	263.5	107.6	107.6	96.8	86.1
55°	1312.3	1134.8	1059.5	930.5	790.6	726.1	602.4	408.8	193.6	129.1	112.9
52.5°	2033.0	1866.3	1672.7	1409.1	1220.9	1070.3	968.1	769.1	516.3	274.3	172.1
50°	2721.5	2646.2	2527.8	2269.7	1877.1	1624.3	1457.5	1231.7	925.1	564.7	322.7
47.5°	4383.4	3754.1	3372.3	3173.3	2845.2	2366.5	2043.8	1791.0	1419.9	952.0	570.1
45°	5518.2	5120.2	4512.5	4093.0	3608.9	3103.3	2683.8	2393.4	1952.4	1425.3	892.8
42.5°	6491.7	6147.5	5598.9	4985.8	4474.8	3813.3	3275.4	2893.6	2522.5	1947.0	1333.8
40°	7744.9	7336.1	6809.0	6212.0	5615.0	4770.6	3899.3	3436.8	3028.0	2517.1	1801.8
37.5°	9810.2	9089.5	8228.9	7567.4	6787.5	6072.2	4878.2	4060.7	3576.6	3044.2	2350.4
35°	12295.0	11504.4	10068.3	9191.7	8148.3	7083.3	6007.7	4797.5	4109.1	3544.4	2855.9
32.5°	14607.7	13451.4	11611.9	10584.7	9890.9	7927.7	6814.4	5765.6	4657.7	3963.9	3146.4
30°	15247.7	13973.1	12655.4	11456.0	10272.7	8686.1	7368.4	6550.9	5346.1	4216.7	3420.7
27.5°	14602.3	13725.7	12703.8	11590.4	10310.4	8949.6	7707.2	6927.4	5851.7	4388.8	3635.8
25°	13946.2	13031.8	12316.5	11386.1	10202.8	8933.5	7718.0	7164.0	6244.3	4722.2	3754.1
22.5°	13252.4	12682.2	12090.6	11052.6	9933.9	8981.9	8067.6	7368.4	6448.7	5098.7	3802.5
20°	13290.0	12918.9	12268.1	10880.5	9885.5	9267.0	8487.1	7626.6	6669.2	5426.8	3840.2
17.5°	13892.4	13408.3	12590.8	11386.1	10321.1	9557.4	8836.7	7981.5	6895.1	5717.2	4297.3
15°	14634.6	13897.8	13042.6	11983.1	10778.3	9874.7	9105.6	8228.9	7153.3	5986.1	4706.1
12.5°	15172.4	14123.7	13322.3	12364.9	11273.1	10218.9	9283.1	8417.2	7395.3	6206.7	5012.7
10°	15355.3	14403.3	13456.7	12601.6	11525.9	10401.8	9417.6	8535.5	7605.0	6378.8	5238.6
7.5°	15452.1	14645.4	13548.2	12709.1	11676.5	10514.8	9525.1	8600.0	7771.8	6497.1	5383.8
5°	15441.4	14774.4	13618.1	12741.4	11757.2	10563.2	9600.4	8616.2	7890.1	6599.3	5469.8
2.5°	15393.0	14860.5	13731.0	12795.2	11918.5	10654.6	9745.6	8648.5	7933.1	6712.2	5529.0
0°	15570.4	14865.9	13849.4	12811.3	12026.1	10686.9	9810.2	8621.6	7874.0	6744.5	5523.6
-2.5°	15188.6	14548.5	13822.5	12671.5	11880.9	10611.6	9691.9	8535.5	7744.9	6706.9	5502.1
-5°	15124.0	14317.3	13596.6	12542.4	11638.8	10455.6	9471.3	8374.2	7540.5	6583.2	5416.0
-7.5°	14951.9	14096.8	13376.1	12440.2	11412.9	10294.2	9261.6	8207.4	7320.0	6389.5	5292.3
-10°	14575.4	13757.9	13139.4	12219.7	11138.6	10063.0	9008.8	7986.9	7061.8	6126.0	5098.7
-12.5°	14037.6	13220.1	12606.9	11751.8	10794.4	9751.0	8707.6	7701.9	6766.0	5846.3	4867.4
-15°	13429.8	12601.6	11988.4	11208.6	10283.5	9267.0	8325.7	7341.5	6427.2	5550.5	4593.1
-17.5°	12741.4	11956.2	11364.5	10606.2	9686.5	8718.4	7782.5	6889.7	6034.6	5243.9	4275.8
-20°	11945.4	11181.7	10638.5	9880.1	9035.7	8094.5	7185.5	6341.1	5572.0	4829.8	3926.2

REPORT NUMBER: P722726

CATALOG NUMBER: IFLD-S-SA6D-940-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°	10961.2	10288.9	9670.3	8992.7	8255.8	7395.3	6550.9	5803.3	5066.4	4340.4	3565.9
-25°	9955.4	9304.6	8702.2	8083.7	7379.2	6636.9	5916.2	5238.6	4517.8	3861.7	3216.3
-27.5°	8836.7	8255.8	7718.0	7147.9	6502.5	5862.4	5270.8	4609.3	3985.4	3426.0	2872.1
-30°	7642.7	7169.4	6701.5	6195.9	5674.2	5136.4	4609.3	3985.4	3496.0	3049.5	2581.6
-32.5°	6497.1	6072.2	5695.7	5319.2	4867.4	4426.4	3958.5	3496.0	3087.2	2694.6	2302.0
-35°	5491.3	5039.6	4829.8	4528.6	4168.3	3770.3	3388.4	3065.7	2737.6	2382.6	2033.0
-37.5°	4620.0	4329.6	4082.2	3856.3	3571.3	3227.0	2952.7	2689.2	2414.9	2092.2	1791.0
-40°	3937.0	3727.2	3479.8	3313.1	3081.8	2834.4	2560.1	2339.6	2108.3	1844.8	1597.4
-42.5°	3388.4	3216.3	3054.9	2877.4	2705.3	2495.6	2258.9	2049.2	1839.4	1645.8	1441.4
-45°	2936.6	2812.9	2683.8	2538.6	2388.0	2205.1	2011.5	1796.4	1645.8	1473.7	1301.6
-47.5°	2565.5	2474.1	2366.5	2253.5	2124.5	1963.1	1785.6	1629.7	1473.7	1328.5	1161.7
-50°	2269.7	2183.6	2097.6	2000.8	1887.8	1748.0	1613.5	1468.3	1323.1	1183.2	1027.3
-52.5°	2022.3	1947.0	1877.1	1796.4	1688.8	1570.5	1446.8	1317.7	1183.2	1043.4	919.7
-55°	1850.2	1764.1	1694.2	1613.5	1516.7	1403.8	1290.8	1172.5	1043.4	935.8	833.7
-57.5°	1710.3	1613.5	1532.8	1446.8	1350.0	1253.2	1151.0	1043.4	946.6	844.4	747.6
-60°	1592.0	1479.1	1387.6	1301.6	1210.1	1118.7	1032.7	941.2	849.8	758.4	661.5
-62.5°	1468.3	1350.0	1237.0	1156.4	1086.4	1005.8	930.5	844.4	763.7	672.3	602.4
-65°	1328.5	1215.5	1107.9	1038.0	973.5	903.6	833.7	758.4	688.4	618.5	554.0
-67.5°	1172.5	1075.7	1000.4	935.8	871.3	812.1	747.6	683.1	623.9	554.0	489.4
-70°	984.2	930.5	887.4	839.0	779.9	726.1	666.9	607.8	543.2	484.1	424.9
-72.5°	839.0	806.8	774.5	726.1	672.3	623.9	575.5	521.7	467.9	414.1	365.7
-75°	688.4	661.5	634.7	602.4	559.4	521.7	478.7	430.3	387.2	349.6	311.9
-77.5°	554.0	532.5	516.3	489.4	457.2	424.9	398.0	365.7	333.5	295.8	258.2
-80°	441.0	430.3	424.9	414.1	387.2	360.4	338.8	311.9	279.7	252.8	225.9
-82.5°	344.2	344.2	338.8	333.5	311.9	290.4	274.3	252.8	231.3	209.8	182.9
-85°	252.8	247.4	247.4	242.0	225.9	215.1	199.0	188.2	172.1	150.6	139.8
-87.5°	150.6	145.2	139.8	134.5	123.7	118.3	107.6	102.2	91.4	80.7	75.3
-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: P722726

CATALOG NUMBER: IFLD-S-SA6D-940-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0
85°	16.1	10.8	10.8	10.8	10.8	10.8	5.4	5.4	5.4	5.4	5.4
82.5°	32.3	32.3	26.9	26.9	21.5	16.1	10.8	10.8	10.8	5.4	5.4
80°	48.4	48.4	48.4	43.0	37.6	26.9	21.5	16.1	10.8	5.4	5.4
77.5°	59.2	53.8	53.8	48.4	48.4	43.0	32.3	26.9	16.1	10.8	5.4
75°	59.2	59.2	59.2	53.8	53.8	48.4	43.0	32.3	26.9	16.1	10.8
72.5°	64.5	59.2	59.2	59.2	53.8	48.4	43.0	37.6	32.3	21.5	10.8
70°	59.2	59.2	59.2	59.2	53.8	53.8	43.0	37.6	37.6	21.5	16.1
67.5°	59.2	59.2	59.2	53.8	53.8	48.4	43.0	37.6	37.6	26.9	16.1
65°	64.5	59.2	59.2	59.2	53.8	48.4	43.0	37.6	37.6	32.3	21.5
62.5°	69.9	64.5	64.5	59.2	53.8	48.4	43.0	37.6	37.6	32.3	21.5
60°	75.3	69.9	64.5	64.5	59.2	53.8	43.0	43.0	37.6	32.3	21.5
57.5°	80.7	75.3	75.3	69.9	64.5	59.2	48.4	43.0	37.6	32.3	26.9
55°	96.8	86.1	80.7	80.7	75.3	64.5	53.8	43.0	37.6	32.3	26.9
52.5°	129.1	102.2	91.4	91.4	86.1	75.3	59.2	48.4	37.6	32.3	26.9
50°	204.4	129.1	107.6	96.8	96.8	86.1	69.9	53.8	37.6	32.3	26.9
47.5°	322.7	215.1	129.1	112.9	107.6	102.2	80.7	53.8	43.0	32.3	26.9
45°	532.5	317.3	209.8	134.5	112.9	107.6	91.4	59.2	43.0	37.6	26.9
42.5°	731.5	494.8	322.7	161.4	134.5	118.3	96.8	64.5	48.4	37.6	26.9
40°	1151.0	677.7	451.8	263.5	156.0	123.7	107.6	75.3	48.4	37.6	26.9
37.5°	1559.7	898.2	607.8	387.2	177.5	139.8	112.9	80.7	53.8	37.6	32.3
35°	1968.5	1258.5	753.0	516.3	236.6	166.7	118.3	86.1	53.8	37.6	32.3
32.5°	2334.2	1597.4	903.6	645.4	355.0	199.0	129.1	91.4	59.2	43.0	32.3
30°	2635.4	1909.3	1172.5	758.4	462.5	242.0	139.8	91.4	64.5	43.0	32.3
27.5°	2861.3	2151.4	1446.8	876.7	554.0	285.1	161.4	102.2	64.5	43.0	32.3
25°	3044.2	2339.6	1688.8	1000.4	634.7	355.0	193.6	107.6	69.9	48.4	32.3
22.5°	3189.4	2495.6	1887.8	1167.1	731.5	424.9	236.6	118.3	69.9	48.4	32.3
20°	3388.4	2651.5	2022.3	1344.6	833.7	489.4	274.3	129.1	69.9	48.4	37.6
17.5°	3560.5	2807.5	2129.8	1495.2	935.8	537.8	317.3	139.8	75.3	48.4	37.6
15°	3759.5	2958.1	2226.7	1613.5	1032.7	580.9	355.0	150.6	75.3	53.8	37.6
12.5°	3974.6	3098.0	2296.6	1710.3	1134.8	618.5	387.2	172.1	80.7	53.8	37.6
10°	4195.1	3216.3	2355.7	1780.2	1210.1	656.2	408.8	193.6	86.1	53.8	37.6
7.5°	4415.7	3323.8	2431.0	1812.5	1242.4	699.2	419.5	215.1	86.1	59.2	37.6
5°	4566.3	3393.8	2538.6	1834.0	1258.5	747.6	435.6	242.0	91.4	59.2	37.6
2.5°	4695.3	3436.8	2651.5	1850.2	1263.9	774.5	430.3	258.2	96.8	59.2	37.6
0°	4754.5	3436.8	2726.8	1839.4	1247.8	801.4	430.3	274.3	96.8	59.2	37.6
-2.5°	4663.1	3533.6	2705.3	1844.8	1253.2	801.4	451.8	279.7	107.6	64.5	37.6
-5°	4517.8	3571.3	2640.8	1817.9	1242.4	801.4	478.7	285.1	112.9	64.5	43.0
-7.5°	4378.0	3587.4	2565.5	1791.0	1226.3	779.9	484.1	279.7	123.7	69.9	43.0
-10°	4195.1	3409.9	2468.7	1742.6	1194.0	763.7	494.8	279.7	129.1	69.9	43.0
-12.5°	3985.4	3194.8	2350.4	1672.7	1156.4	747.6	500.2	279.7	134.5	75.3	43.0
-15°	3743.4	2974.3	2215.9	1597.4	1102.6	726.1	489.4	274.3	139.8	75.3	48.4
-17.5°	3469.1	2759.1	2076.1	1505.9	1043.4	699.2	467.9	268.9	139.8	75.3	48.4
-20°	3157.1	2544.0	1920.1	1414.5	973.5	666.9	446.4	258.2	139.8	75.3	48.4

REPORT NUMBER: P722726

CATALOG NUMBER: IFLD-S-SA6D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2877.4	2345.0	1758.7	1312.3	898.2	629.3	419.5	247.4	139.8	80.7	48.4
-25°	2646.2	2151.4	1635.0	1210.1	817.5	586.2	392.6	236.6	139.8	80.7	48.4
-27.5°	2404.1	1941.6	1505.9	1113.3	763.7	548.6	365.7	225.9	134.5	80.7	48.4
-30°	2156.7	1737.2	1371.5	1005.8	709.9	510.9	344.2	209.8	134.5	80.7	48.4
-32.5°	1930.8	1570.5	1247.8	898.2	650.8	473.3	322.7	204.4	129.1	80.7	48.4
-35°	1710.3	1419.9	1118.7	812.1	586.2	435.6	301.2	199.0	129.1	80.7	48.4
-37.5°	1527.5	1280.1	1000.4	753.0	548.6	403.4	279.7	188.2	123.7	80.7	48.4
-40°	1376.9	1151.0	887.4	688.4	516.3	371.1	258.2	182.9	123.7	80.7	48.4
-42.5°	1237.0	1027.3	817.5	634.7	484.1	349.6	242.0	177.5	118.3	80.7	48.4
-45°	1113.3	919.7	747.6	586.2	446.4	322.7	231.3	166.7	112.9	80.7	53.8
-47.5°	989.6	844.4	683.1	543.2	408.8	290.4	220.5	161.4	107.6	75.3	53.8
-50°	892.8	763.7	629.3	494.8	371.1	279.7	209.8	150.6	107.6	75.3	53.8
-52.5°	806.8	688.4	570.1	446.4	338.8	263.5	199.0	139.8	102.2	75.3	53.8
-55°	726.1	618.5	510.9	398.0	317.3	247.4	182.9	129.1	102.2	75.3	53.8
-57.5°	645.4	554.0	451.8	360.4	290.4	231.3	172.1	129.1	102.2	75.3	53.8
-60°	580.9	494.8	408.8	333.5	268.9	209.8	156.0	123.7	96.8	75.3	53.8
-62.5°	527.1	446.4	371.1	301.2	247.4	188.2	150.6	123.7	96.8	75.3	48.4
-65°	473.3	403.4	333.5	274.3	220.5	177.5	145.2	118.3	96.8	75.3	48.4
-67.5°	419.5	355.0	301.2	242.0	204.4	172.1	139.8	118.3	91.4	69.9	48.4
-70°	365.7	311.9	263.5	225.9	193.6	161.4	134.5	112.9	91.4	64.5	43.0
-72.5°	322.7	274.3	236.6	209.8	182.9	156.0	129.1	107.6	86.1	59.2	37.6
-75°	274.3	242.0	215.1	188.2	166.7	145.2	123.7	96.8	75.3	53.8	37.6
-77.5°	231.3	209.8	188.2	172.1	150.6	129.1	107.6	86.1	69.9	48.4	32.3
-80°	199.0	182.9	166.7	150.6	134.5	112.9	96.8	75.3	59.2	43.0	26.9
-82.5°	161.4	150.6	134.5	123.7	112.9	96.8	80.7	64.5	43.0	32.3	21.5
-85°	123.7	112.9	107.6	96.8	86.1	69.9	53.8	43.0	32.3	21.5	10.8
-87.5°	64.5	59.2	53.8	48.4	43.0	32.3	26.9	21.5	16.1	10.8	5.4
-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: P722726

CATALOG NUMBER: IFLD-S-SA6D-940-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°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	5.4	5.4	0.0	0.0
67.5°	10.8	5.4	0.0	0.0
65°	10.8	5.4	0.0	0.0
62.5°	10.8	5.4	0.0	0.0
60°	10.8	5.4	0.0	0.0
57.5°	16.1	5.4	5.4	0.0
55°	16.1	5.4	5.4	0.0
52.5°	16.1	5.4	5.4	0.0
50°	16.1	10.8	5.4	0.0
47.5°	16.1	10.8	5.4	0.0
45°	16.1	10.8	5.4	0.0
42.5°	16.1	10.8	5.4	0.0
40°	21.5	10.8	5.4	0.0
37.5°	21.5	10.8	5.4	0.0
35°	21.5	10.8	5.4	0.0
32.5°	21.5	10.8	5.4	0.0
30°	21.5	10.8	5.4	0.0
27.5°	21.5	16.1	5.4	0.0
25°	21.5	16.1	5.4	0.0
22.5°	26.9	16.1	5.4	0.0
20°	26.9	16.1	5.4	0.0
17.5°	26.9	16.1	5.4	0.0
15°	26.9	16.1	5.4	0.0
12.5°	26.9	16.1	5.4	0.0
10°	26.9	16.1	5.4	0.0
7.5°	26.9	16.1	5.4	0.0
5°	26.9	16.1	5.4	0.0
2.5°	26.9	16.1	5.4	0.0
0°	26.9	16.1	5.4	0.0
-2.5°	26.9	16.1	5.4	0.0
-5°	26.9	16.1	5.4	0.0
-7.5°	26.9	16.1	5.4	0.0
-10°	26.9	16.1	5.4	0.0
-12.5°	32.3	16.1	5.4	0.0
-15°	32.3	16.1	5.4	0.0
-17.5°	32.3	16.1	5.4	0.0
-20°	32.3	16.1	5.4	0.0



REPORT NUMBER: P722726

CATALOG NUMBER: IFLD-S-SA6D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.3	16.1	5.4	0.0
-25°	32.3	16.1	5.4	0.0
-27.5°	32.3	16.1	5.4	0.0
-30°	32.3	16.1	5.4	0.0
-32.5°	32.3	16.1	5.4	0.0
-35°	32.3	16.1	5.4	0.0
-37.5°	32.3	16.1	5.4	0.0
-40°	32.3	16.1	5.4	0.0
-42.5°	26.9	16.1	5.4	0.0
-45°	32.3	16.1	5.4	0.0
-47.5°	32.3	16.1	5.4	0.0
-50°	32.3	16.1	5.4	0.0
-52.5°	32.3	16.1	5.4	0.0
-55°	32.3	16.1	5.4	0.0
-57.5°	32.3	16.1	5.4	0.0
-60°	32.3	16.1	5.4	0.0
-62.5°	26.9	16.1	5.4	0.0
-65°	26.9	10.8	5.4	0.0
-67.5°	26.9	10.8	5.4	0.0
-70°	26.9	10.8	5.4	0.0
-72.5°	21.5	10.8	5.4	0.0
-75°	21.5	10.8	5.4	0.0
-77.5°	16.1	5.4	0.0	0.0
-80°	16.1	5.4	0.0	0.0
-82.5°	10.8	5.4	0.0	0.0
-85°	5.4	5.4	0.0	0.0
-87.5°	5.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)