

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: P722116

Luminaire Tested: **IFLD-S-SA6C-750-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722116  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6C-750-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

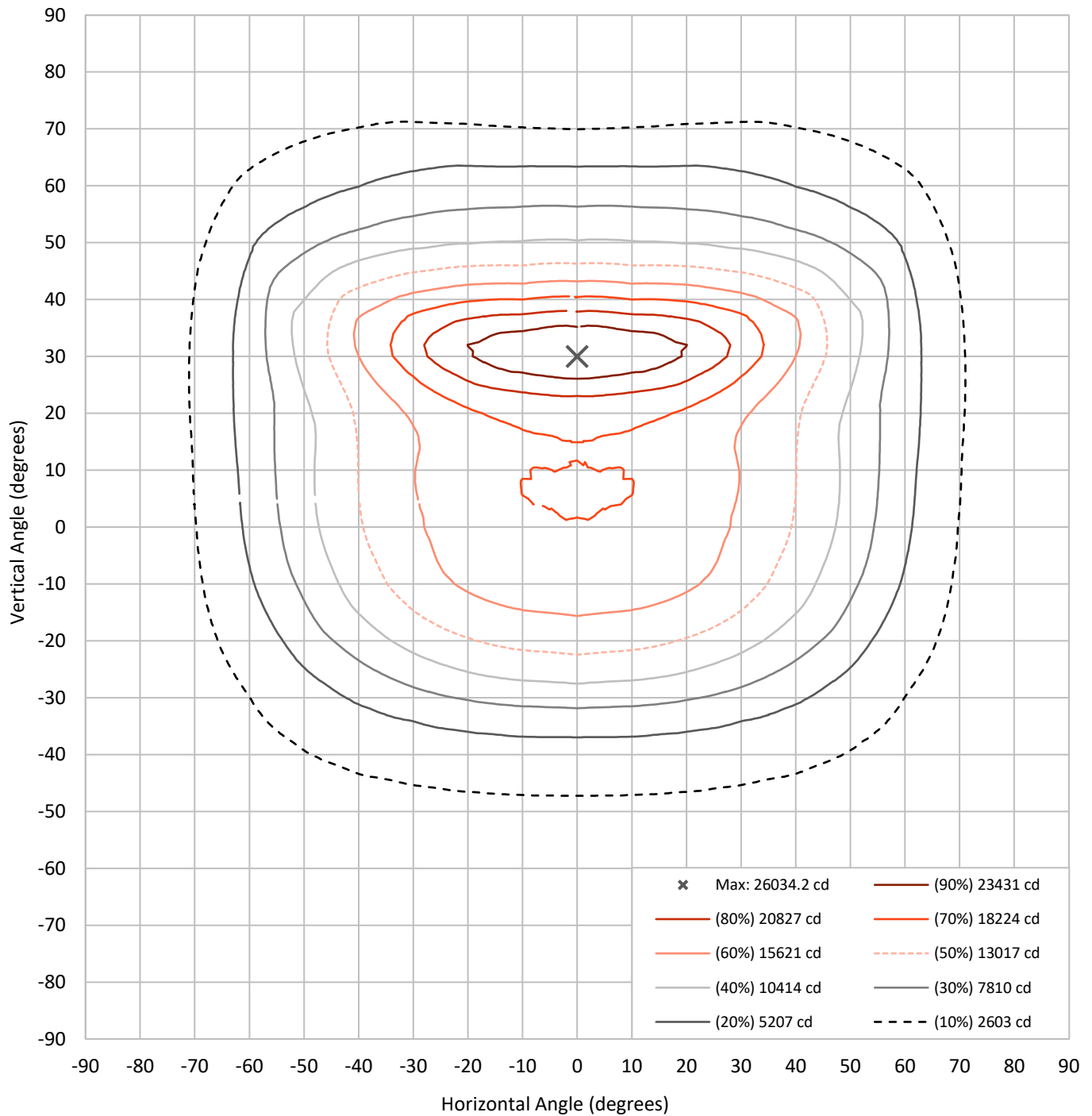
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 43457.6 lumens	Max Intensity: 26034.2 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 135.2 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 25271.1 lumens	Field Lumens: 40725.4 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 321.5  
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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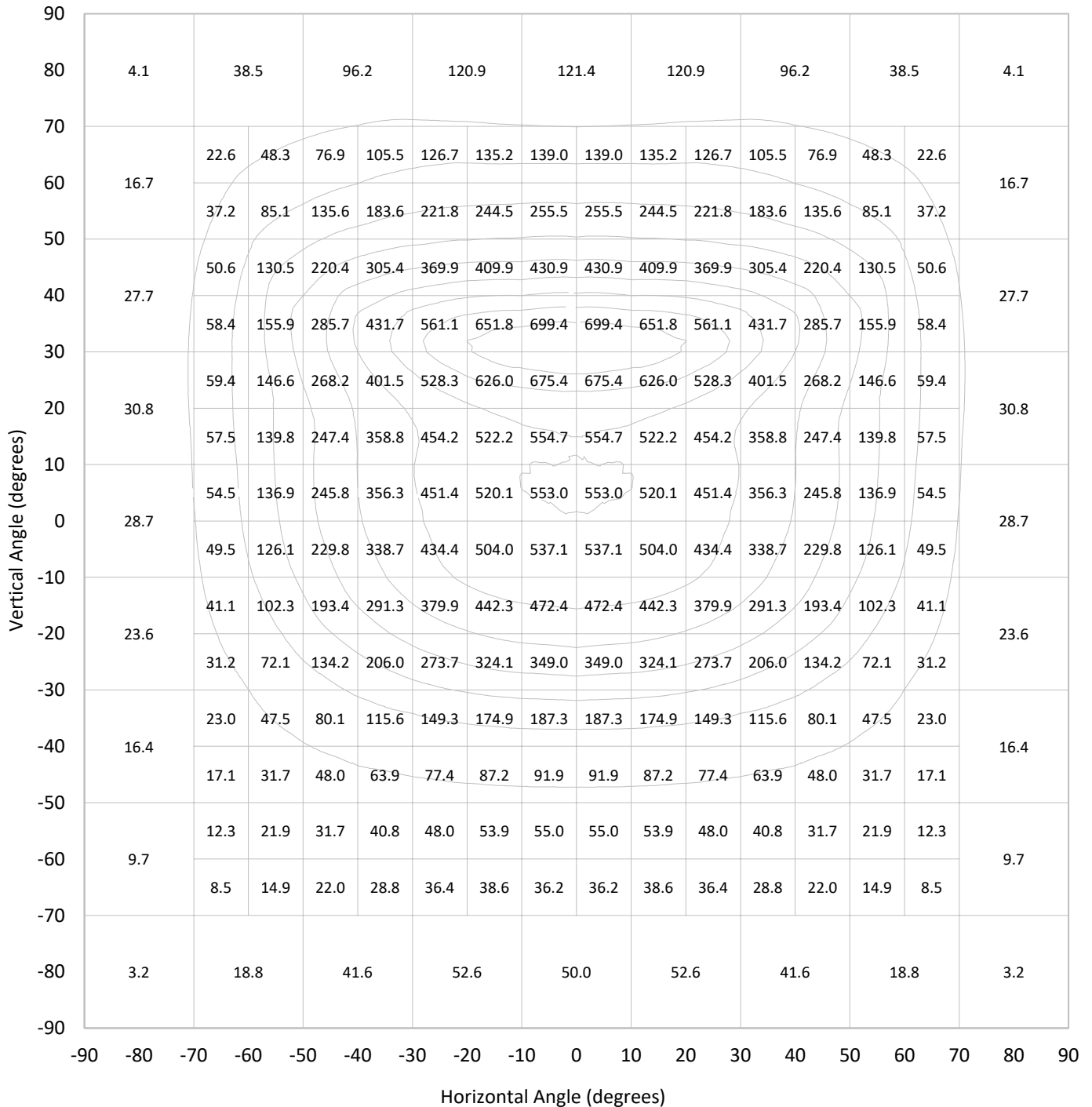
### Iso-Candela Plot





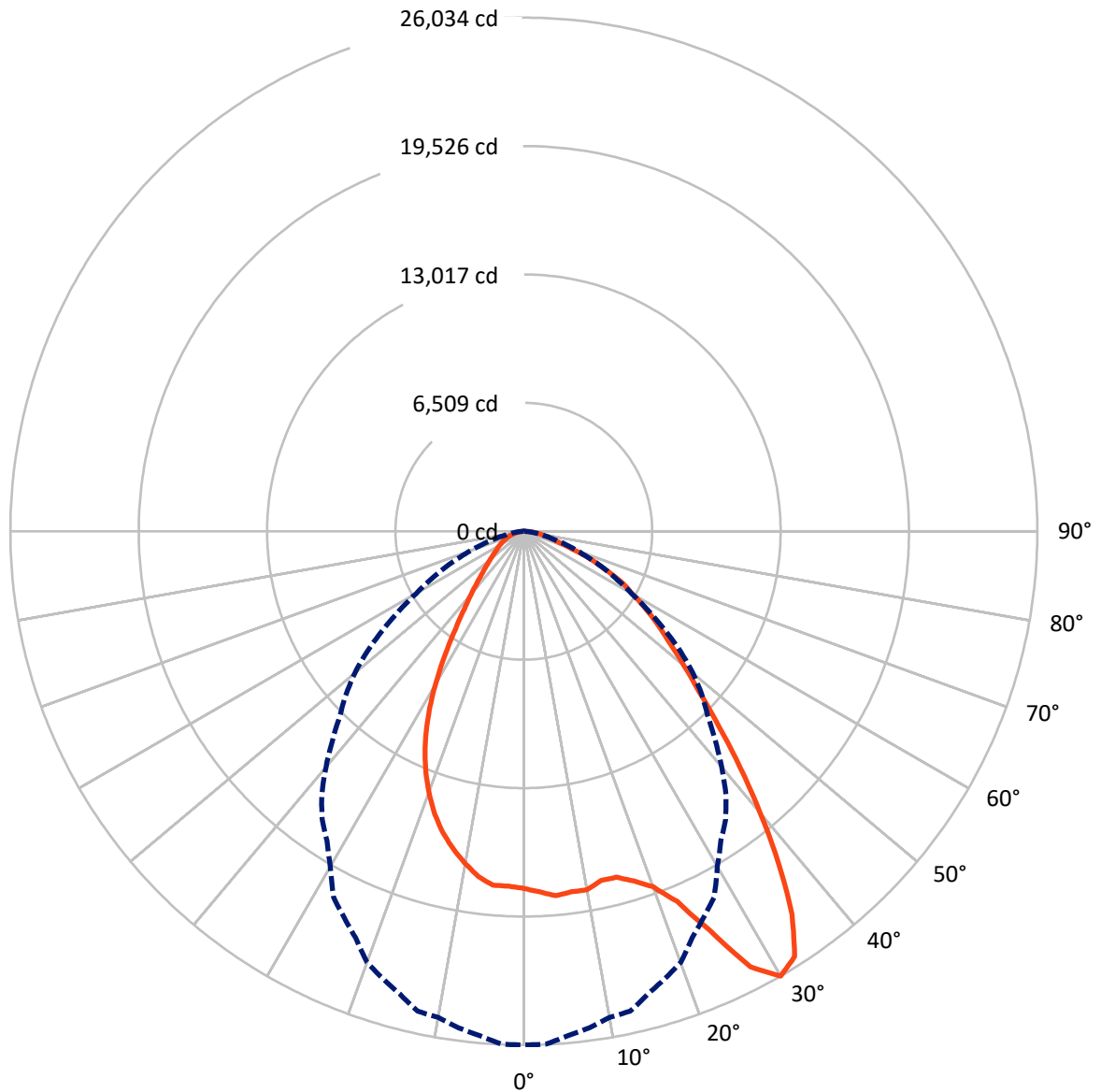
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### Lumen Table



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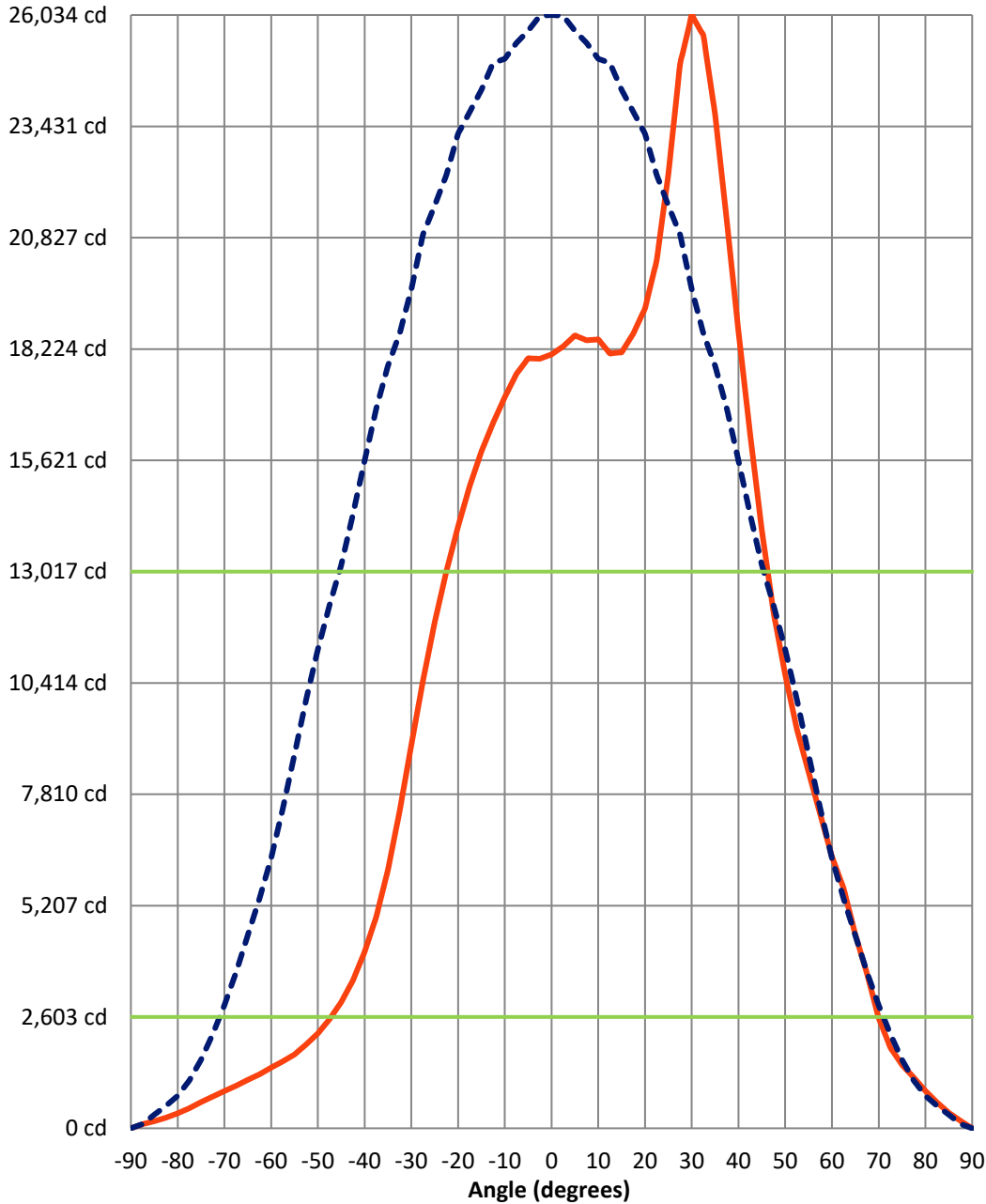
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 25271.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 40725.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2732.2  
 Efficiency: 6.3%

— 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°	174.9	179.5	184.1	184.1	179.5	179.5	179.5	174.9	179.5	179.5	179.5
85°	363.7	372.9	382.1	377.5	372.9	363.7	354.5	359.1	363.7	368.3	368.3
82.5°	603.1	616.9	626.1	621.5	612.3	603.1	593.9	598.5	607.7	612.3	612.3
80°	874.7	879.3	883.9	893.1	879.3	879.3	874.7	893.1	902.3	911.5	920.7
77.5°	1187.8	1192.4	1192.4	1197.0	1201.6	1206.2	1206.2	1238.4	1261.4	1275.2	1289.0
75°	1482.4	1496.2	1510.0	1523.8	1542.3	1551.5	1565.3	1611.3	1648.1	1675.8	1703.4
72.5°	1887.5	1905.9	1929.0	1961.2	1993.4	2016.4	2048.7	2103.9	2145.3	2173.0	2205.2
70°	2582.7	2601.1	2624.1	2647.2	2679.4	2702.4	2734.6	2803.7	2845.1	2863.5	2881.9
67.5°	3613.9	3660.0	3701.4	3655.4	3632.4	3600.1	3609.3	3673.8	3715.2	3742.8	3738.2
65°	4530.1	4562.3	4562.3	4557.7	4539.3	4497.9	4520.9	4599.1	4645.2	4668.2	4599.1
62.5°	5607.4	5607.4	5584.3	5621.2	5625.8	5598.2	5584.3	5588.9	5593.5	5607.4	5492.3
60°	6353.2	6399.2	6413.0	6445.2	6454.4	6454.4	6477.5	6495.9	6495.9	6468.3	6334.7
57.5°	7338.4	7425.8	7444.3	7421.2	7375.2	7315.3	7306.1	7278.5	7223.3	7168.0	7103.6
55°	8332.8	8378.8	8374.2	8360.4	8314.4	8245.3	8254.5	8217.7	8130.2	8061.2	7973.7
52.5°	9331.8	9442.3	9460.7	9433.1	9368.6	9295.0	9299.6	9258.1	9170.7	9097.0	8977.3
50°	10607.0	10699.1	10689.9	10643.9	10551.8	10496.5	10501.1	10422.9	10321.6	10298.6	10142.0
47.5°	12066.4	12172.3	12153.9	12089.4	11965.1	11942.1	11965.1	11863.8	11804.0	11753.4	11569.2
45°	13981.6	14105.9	14036.8	13912.5	13714.5	13737.6	13769.8	13751.4	13622.5	13489.0	13254.2
42.5°	16228.2	16306.5	16223.6	16099.3	15850.7	15896.7	15878.3	15767.8	15689.6	15468.6	15169.3
40°	18631.3	18801.7	18672.8	18479.4	18221.6	18290.7	18240.0	18097.3	17913.2	17636.9	17259.4
37.5°	21223.3	21356.8	21209.4	20983.9	20753.7	20730.7	20629.4	20408.4	20146.0	19842.1	19239.0
35°	23704.7	24049.9	23778.3	23419.2	23138.4	23032.5	22935.8	22424.8	22125.6	21633.0	20808.9
32.5°	25550.8	25804.0	25467.9	25095.0	24754.3	24607.0	24266.3	23658.6	23497.5	22461.7	21706.6
30°	26034.2	26015.7	25665.9	25380.4	25012.1	24910.8	24284.7	23769.1	23253.5	22295.9	21577.7
27.5°	24883.2	24768.1	24432.1	24183.5	23819.8	23700.1	23083.2	22806.9	22010.5	21200.2	20592.5
25°	22318.9	22378.8	22125.6	22001.3	21761.9	21504.1	21260.1	20887.2	20390.0	19681.0	19123.9
22.5°	20297.9	20376.2	20270.3	20123.0	19938.8	19796.1	19611.9	19321.9	18843.1	18405.8	17880.9
20°	19174.6	19151.6	19059.5	18949.0	18774.1	18672.8	18470.2	18226.2	17857.9	17480.4	16914.1
17.5°	18585.3	18442.6	18355.1	18313.7	18221.6	18092.7	17853.3	17604.7	17319.3	16891.1	16476.8
15°	18148.0	18171.0	18101.9	18069.7	17996.0	17816.5	17572.5	17369.9	16983.2	16766.8	16389.3
12.5°	18120.3	18097.3	18101.9	18088.1	17996.0	17765.8	17641.5	17383.7	17135.1	16849.7	16416.9
10°	18447.2	18203.2	18221.6	18286.1	18138.7	17954.6	17821.1	17540.3	17305.5	16941.8	16513.6
7.5°	18428.8	18304.5	18341.3	18235.4	18281.5	18055.9	17871.7	17590.9	17296.3	16909.5	16522.8
5°	18539.3	18350.5	18318.3	18327.5	18212.4	18042.1	17793.5	17526.4	17250.2	16817.5	16421.5
2.5°	18286.1	18313.7	18166.4	18111.1	18097.3	17811.9	17581.7	17323.9	17038.5	16656.3	16301.9
0°	18097.3	18148.0	17996.0	17917.8	17913.2	17669.2	17521.8	17227.2	17024.6	16707.0	16278.8
-2.5°	17996.0	18055.9	18074.3	17931.6	17793.5	17604.7	17356.1	17038.5	16707.0	16338.7	15970.4
-5°	18005.2	17885.5	17834.9	17880.9	17761.2	17572.5	17296.3	17015.4	16688.6	16292.6	15832.3
-7.5°	17641.5	17521.8	17512.6	17489.6	17462.0	17282.4	17052.3	16748.4	16416.9	16048.6	15620.5
-10°	17098.3	17010.8	16987.8	16964.8	16891.1	16785.2	16568.9	16292.6	15993.4	15625.1	15169.3
-12.5°	16495.2	16453.8	16366.3	16306.5	16232.8	16108.5	15901.3	15648.1	15348.9	15022.0	14630.7
-15°	15827.7	15749.4	15661.9	15611.3	15505.4	15358.1	15150.9	14916.1	14589.3	14267.0	13898.7
-17.5°	15022.0	14925.3	14828.7	14814.8	14741.2	14515.6	14322.2	14036.8	13751.4	13442.9	13083.8
-20°	14073.6	13940.1	13875.7	13838.8	13737.6	13571.8	13364.7	13102.3	12826.0	12531.4	12117.0



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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°	13024.0	12908.9	12798.4	12729.3	12641.9	12513.0	12315.0	12084.8	11813.2	11481.7	11099.6
-25°	11831.6	11670.5	11601.4	11523.2	11477.1	11357.4	11164.1	10952.3	10671.5	10349.2	9985.5
-27.5°	10468.9	10340.0	10303.2	10192.7	10137.4	10013.1	9852.0	9654.0	9396.2	9092.4	8793.1
-30°	8963.5	8885.2	8825.4	8714.9	8673.5	8539.9	8434.1	8268.3	8033.5	7817.2	7577.8
-32.5°	7416.6	7338.4	7320.0	7269.3	7241.7	7154.2	7034.5	6914.8	6726.1	6564.9	6371.6
-35°	6044.7	5989.5	5994.1	5989.5	5961.8	5897.4	5750.1	5717.8	5579.7	5432.4	5308.1
-37.5°	4949.0	4953.6	4949.0	4944.4	4907.6	4880.0	4774.1	4732.6	4649.8	4507.1	4433.4
-40°	4125.0	4134.2	4129.6	4120.3	4078.9	4065.1	3996.0	3940.8	3908.6	3807.3	3729.0
-42.5°	3457.4	3471.2	3466.6	3462.0	3434.4	3429.8	3393.0	3328.5	3310.1	3250.2	3167.4
-45°	2951.0	2946.4	2937.2	2946.4	2932.6	2918.8	2895.8	2854.3	2831.3	2803.7	2734.6
-47.5°	2550.5	2555.1	2545.9	2545.9	2527.5	2513.6	2504.4	2476.8	2458.4	2435.4	2393.9
-50°	2219.0	2237.4	2232.8	2228.2	2214.4	2205.2	2205.2	2177.6	2149.9	2140.7	2113.1
-52.5°	1961.2	1975.0	1979.6	1988.8	1993.4	1998.0	1984.2	1956.6	1910.6	1905.9	1892.1
-55°	1726.4	1767.8	1795.5	1813.9	1832.3	1846.1	1818.5	1781.6	1735.6	1717.2	1712.6
-57.5°	1565.3	1606.7	1638.9	1666.6	1689.6	1712.6	1685.0	1648.1	1606.7	1583.7	1579.1
-60°	1418.0	1454.8	1487.0	1523.8	1556.1	1592.9	1579.1	1551.5	1528.4	1510.0	1491.6
-62.5°	1261.4	1298.3	1335.1	1381.1	1422.6	1459.4	1464.0	1459.4	1454.8	1459.4	1427.2
-65°	1132.5	1150.9	1174.0	1224.6	1270.6	1312.1	1335.1	1348.9	1371.9	1394.9	1362.7
-67.5°	994.4	1017.4	1045.0	1081.9	1118.7	1146.3	1178.6	1215.4	1252.2	1289.0	1266.0
-70°	870.1	888.5	911.5	930.0	953.0	971.4	999.0	1040.4	1081.9	1118.7	1109.5
-72.5°	741.2	759.6	773.4	782.6	796.4	805.7	819.5	856.3	883.9	902.3	902.3
-75°	612.3	630.7	644.5	649.1	658.3	662.9	672.1	686.0	699.8	704.4	709.0
-77.5°	469.6	488.0	501.8	511.0	520.2	529.4	534.0	543.2	547.8	547.8	552.4
-80°	349.9	363.7	372.9	386.7	391.3	400.5	409.7	414.3	418.9	418.9	423.5
-82.5°	248.6	257.8	267.0	276.2	285.4	290.0	299.2	303.8	308.5	313.1	317.7
-85°	165.7	174.9	184.1	193.4	198.0	202.6	207.2	211.8	216.4	221.0	225.6
-87.5°	96.7	101.3	105.9	115.1	119.7	128.9	133.5	128.9	133.5	133.5	133.5
-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°	179.5	179.5	179.5	179.5	174.9	165.7	161.1	151.9	142.7	133.5	124.3
85°	372.9	377.5	377.5	377.5	368.3	363.7	349.9	336.1	317.7	290.0	267.0
82.5°	621.5	626.1	626.1	621.5	612.3	598.5	580.1	557.1	520.2	483.4	451.2
80°	934.6	939.2	939.2	934.6	911.5	888.5	865.5	837.9	791.8	741.2	686.0
77.5°	1307.5	1316.7	1316.7	1302.9	1270.6	1243.0	1206.2	1160.1	1091.1	1017.4	943.8
75°	1740.2	1763.2	1767.8	1754.0	1712.6	1662.0	1602.1	1523.8	1418.0	1325.9	1238.4
72.5°	2242.0	2265.0	2283.5	2265.0	2205.2	2136.1	2048.7	1956.6	1850.7	1726.4	1579.1
70°	2900.4	2923.4	2937.2	2877.3	2771.5	2656.4	2550.5	2444.6	2320.3	2168.4	2007.2
67.5°	3729.0	3706.0	3678.4	3558.7	3425.2	3287.1	3139.8	2983.2	2822.1	2661.0	2472.2
65°	4525.5	4461.0	4401.2	4258.5	4088.1	3908.6	3738.2	3563.3	3369.9	3167.4	2987.8
62.5°	5363.4	5225.2	5077.9	4903.0	4728.0	4530.1	4359.7	4152.6	3936.2	3687.6	3457.4
60°	6187.4	6021.7	5874.4	5658.0	5427.8	5160.8	4976.6	4774.1	4520.9	4253.9	3982.2
57.5°	6983.9	6804.3	6643.2	6454.4	6205.8	5915.8	5713.2	5450.8	5183.8	4847.7	4571.5
55°	7831.0	7651.4	7522.5	7310.7	7039.1	6772.1	6551.1	6274.9	5902.0	5542.9	5202.2
52.5°	8802.4	8659.6	8521.5	8305.2	7978.3	7706.7	7462.7	7154.2	6762.9	6320.9	5911.2
50°	9888.8	9815.2	9667.9	9414.7	9041.7	8802.4	8480.1	8070.4	7651.4	7186.4	6675.4
47.5°	11329.8	11210.1	11002.9	10726.7	10413.7	10054.6	9621.8	9143.0	8549.1	8033.5	7490.3
45°	13051.6	12830.6	12563.6	12190.7	11804.0	11398.9	10924.7	10317.0	9520.5	8848.4	8277.5
42.5°	14916.1	14616.9	14253.2	13765.2	13263.4	12766.2	12255.2	11426.5	10432.1	9658.7	9014.1
40°	16863.5	16481.4	16025.6	15316.7	14759.6	14119.7	13535.0	12296.6	11237.7	10399.9	9713.9
37.5°	18769.5	18286.1	17521.8	16660.9	16011.8	15487.0	14202.5	12876.7	11928.3	11007.5	10312.4
35°	20228.8	19819.1	18470.2	17577.1	17020.0	16191.4	14584.7	13226.6	12222.9	11458.7	10376.8
32.5°	21094.3	20035.5	18852.3	17950.0	17489.6	16131.5	14612.3	13327.8	12361.0	11504.8	10211.1
30°	20901.0	19621.1	18585.3	17830.3	16831.3	15611.3	14354.5	13171.3	12232.1	11196.3	10027.0
27.5°	19736.2	18746.4	17821.1	17033.8	16053.2	14957.6	13797.4	12757.0	11882.3	10878.6	9773.7
25°	18419.6	17521.8	16835.9	16149.9	15220.0	14174.9	13152.9	12402.5	11523.2	10533.4	9442.3
22.5°	17208.8	16564.3	16025.6	15307.4	14400.5	13489.0	12853.6	12075.6	11173.3	10169.7	9101.6
20°	16435.4	15998.0	15381.1	14589.3	13875.7	13304.8	12600.4	11776.4	10846.4	9796.8	8811.6
17.5°	16062.5	15556.0	14870.1	14354.5	13806.6	13180.5	12393.3	11518.6	10528.8	9626.4	8843.8
15°	15869.1	15335.1	14883.9	14377.5	13760.6	13102.3	12227.5	11320.6	10528.8	9695.5	8866.8
12.5°	15910.5	15450.2	14957.6	14405.1	13742.2	13037.8	12246.0	11403.5	10584.0	9746.1	8871.4
10°	16039.4	15556.0	15031.2	14418.9	13751.4	13056.2	12296.6	11454.1	10611.6	9769.1	8862.2
7.5°	16085.5	15560.6	14999.0	14382.1	13728.4	13047.0	12305.8	11467.9	10616.2	9764.5	8834.6
5°	15942.8	15468.6	14925.3	14303.8	13663.9	13001.0	12269.0	11449.5	10579.4	9718.5	8765.5
2.5°	15749.4	15367.3	14847.1	14248.6	13599.5	12936.5	12209.1	11366.6	10496.5	9635.6	8678.1
0°	15717.2	15243.0	14718.2	14184.1	13493.6	12793.8	12071.0	11210.1	10344.6	9479.1	8526.1
-2.5°	15505.4	15003.6	14478.8	13898.7	13291.0	12586.6	11827.0	10984.5	10128.2	9276.5	8360.4
-5°	15344.3	14787.2	14230.2	13604.1	12991.8	12287.4	11500.1	10680.7	9842.8	9014.1	8130.2
-7.5°	15127.9	14557.0	13972.4	13318.6	12655.7	11937.5	11159.5	10340.0	9515.9	8691.9	7844.8
-10°	14690.5	14188.7	13640.9	12964.1	12264.4	11546.2	10772.8	9967.1	9143.0	8309.8	7458.1
-12.5°	14161.1	13631.7	13033.2	12411.7	11785.6	11118.0	10344.6	9552.8	8724.1	7886.2	7039.1
-15°	13475.2	12954.9	12342.6	11734.9	11131.8	10491.9	9810.6	9097.0	8254.5	7430.4	6583.4
-17.5°	12618.9	12130.9	11583.0	11002.9	10404.5	9759.9	9097.0	8493.9	7706.7	6933.2	6095.4
-20°	11698.1	11242.3	10749.7	10201.9	9603.4	8972.7	8346.6	7715.9	7034.5	6353.2	5575.1



REPORT NUMBER: P722116

CATALOG NUMBER: IFLD-S-SA6C-750-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10740.5	10280.2	9783.0	9271.9	8719.5	8134.8	7554.7	6951.7	6353.2	5736.3	5077.9
-25°	9635.6	9230.5	8774.7	8277.5	7784.9	7273.9	6721.5	6173.6	5662.6	5128.6	4589.9
-27.5°	8480.1	8107.2	7692.9	7260.1	6836.6	6408.4	5929.6	5423.2	4999.7	4557.7	4111.1
-30°	7264.7	6965.5	6629.4	6251.9	5925.0	5579.7	5179.2	4760.3	4373.6	4037.5	3678.4
-32.5°	6113.8	5860.6	5621.2	5372.6	5050.3	4783.3	4507.1	4198.6	3857.9	3540.3	3282.5
-35°	5124.0	4852.3	4751.1	4566.9	4336.7	4101.9	3899.4	3678.4	3420.6	3139.8	2928.0
-37.5°	4290.7	4129.6	3986.8	3885.6	3733.6	3544.9	3383.8	3222.6	3024.7	2812.9	2601.1
-40°	3641.6	3531.1	3374.5	3323.9	3227.2	3098.3	2932.6	2808.3	2674.8	2513.6	2334.1
-42.5°	3121.3	3038.5	2937.2	2849.7	2808.3	2716.2	2587.3	2467.6	2361.7	2251.2	2113.1
-45°	2693.2	2637.9	2573.5	2495.2	2463.0	2389.3	2297.3	2163.8	2103.9	2011.8	1910.6
-47.5°	2347.9	2320.3	2274.2	2223.6	2177.6	2122.3	2039.5	1956.6	1873.7	1813.9	1735.6
-50°	2076.3	2057.9	2030.3	1988.8	1929.0	1892.1	1836.9	1763.2	1685.0	1634.3	1579.1
-52.5°	1859.9	1841.5	1823.1	1790.9	1744.8	1708.0	1662.0	1602.1	1537.6	1487.0	1441.0
-55°	1694.2	1666.6	1652.7	1625.1	1588.3	1546.9	1505.4	1464.0	1408.7	1362.7	1316.7
-57.5°	1565.3	1528.4	1510.0	1487.0	1450.2	1408.7	1376.5	1335.1	1298.3	1247.6	1206.2
-60°	1464.0	1422.6	1385.7	1362.7	1330.5	1289.0	1256.8	1224.6	1187.8	1146.3	1095.7
-62.5°	1381.1	1330.5	1279.8	1252.2	1220.0	1183.2	1150.9	1118.7	1081.9	1040.4	994.4
-65°	1302.9	1243.0	1178.6	1150.9	1118.7	1081.9	1040.4	1017.4	985.2	948.4	902.3
-67.5°	1206.2	1141.7	1086.5	1054.3	1022.0	989.8	953.0	930.0	897.7	851.7	805.7
-70°	1063.5	1022.0	985.2	957.6	930.0	902.3	865.5	828.7	791.8	750.4	709.0
-72.5°	883.9	870.1	865.5	851.7	819.5	787.2	750.4	713.6	681.4	649.1	616.9
-75°	713.6	722.8	732.0	727.4	695.2	662.9	630.7	598.5	575.5	547.8	520.2
-77.5°	566.3	575.5	584.7	584.7	561.7	543.2	520.2	497.2	478.8	455.8	428.1
-80°	437.4	451.2	465.0	474.2	455.8	442.0	423.5	405.1	386.7	368.3	349.9
-82.5°	331.5	345.3	359.1	368.3	354.5	345.3	331.5	317.7	303.8	285.4	271.6
-85°	239.4	248.6	257.8	262.4	253.2	244.0	234.8	225.6	216.4	202.6	193.4
-87.5°	138.1	142.7	147.3	151.9	142.7	133.5	128.9	119.7	115.1	105.9	101.3
-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: P722116  
 CATALOG NUMBER: IFLD-S-SA6C-750-U-76

**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°	115.1	105.9	96.7	92.1	82.9	69.1	59.8	50.6	41.4	32.2	27.6
85°	244.0	221.0	193.4	179.5	161.1	142.7	124.3	105.9	87.5	69.1	50.6
82.5°	418.9	391.3	363.7	331.5	290.0	239.4	188.8	156.5	128.9	101.3	78.3
80°	630.7	580.1	534.0	492.6	446.6	382.1	313.1	248.6	174.9	133.5	101.3
77.5°	874.7	814.9	750.4	681.4	607.7	520.2	442.0	359.1	271.6	184.1	128.9
75°	1150.9	1072.7	985.2	888.5	791.8	676.8	566.3	469.6	368.3	257.8	156.5
72.5°	1459.4	1362.7	1256.8	1127.9	976.0	842.5	709.0	580.1	460.4	326.9	211.8
70°	1855.3	1703.4	1546.9	1408.7	1215.4	1003.6	847.1	699.8	547.8	400.5	267.0
67.5°	2278.9	2094.7	1905.9	1703.4	1459.4	1210.8	985.2	819.5	639.9	469.6	317.7
65°	2739.2	2509.0	2269.6	2044.1	1708.0	1413.3	1160.1	934.6	727.4	534.0	368.3
62.5°	3213.4	2941.8	2665.6	2370.9	1984.2	1620.5	1325.9	1063.5	810.3	593.9	414.3
60°	3719.8	3402.2	3066.1	2697.8	2246.6	1846.1	1482.4	1197.0	897.7	653.7	465.0
57.5°	4253.9	3908.6	3512.7	3015.5	2518.2	2062.5	1662.0	1316.7	976.0	709.0	501.8
55°	4833.9	4438.0	4005.3	3346.9	2785.3	2278.9	1841.5	1436.4	1058.9	755.0	538.6
52.5°	5460.0	4999.7	4451.8	3696.8	3066.1	2499.8	2007.2	1542.3	1137.1	805.7	570.9
50°	6159.8	5579.7	4843.1	4019.1	3310.1	2707.0	2173.0	1657.3	1201.6	860.9	598.5
47.5°	6887.2	6261.1	5193.0	4318.3	3558.7	2909.6	2343.3	1758.6	1266.0	906.9	626.1
45°	7646.8	6735.3	5556.7	4585.3	3775.1	3093.7	2472.2	1850.7	1344.3	948.4	649.1
42.5°	8397.2	7094.4	5874.4	4852.3	3977.6	3259.4	2578.1	1938.2	1408.7	989.8	672.1
40°	8751.7	7366.0	6127.6	5036.5	4148.0	3406.8	2670.2	2016.4	1464.0	1017.4	695.2
37.5°	8899.0	7531.7	6293.3	5211.4	4281.5	3485.0	2748.4	2085.5	1510.0	1045.0	713.6
35°	8931.3	7591.6	6376.2	5331.1	4392.0	3558.7	2808.3	2136.1	1546.9	1072.7	732.0
32.5°	8871.4	7573.2	6399.2	5372.6	4461.0	3613.9	2849.7	2173.0	1574.5	1100.3	750.4
30°	8737.9	7476.5	6316.3	5368.0	4511.7	3646.2	2877.3	2200.6	1602.1	1118.7	759.6
27.5°	8521.5	7306.1	6210.4	5372.6	4539.3	3660.0	2891.2	2214.4	1620.5	1132.5	778.0
25°	8254.5	7076.0	6215.1	5363.4	4543.9	3664.6	2891.2	2214.4	1625.1	1137.1	791.8
22.5°	7946.1	7076.0	6215.1	5349.5	4516.3	3655.4	2877.3	2205.2	1625.1	1146.3	805.7
20°	7964.5	7080.6	6201.2	5321.9	4474.8	3627.7	2845.1	2182.2	1611.3	1160.1	814.9
17.5°	7978.3	7071.3	6173.6	5285.1	4419.6	3581.7	2803.7	2149.9	1611.3	1174.0	819.5
15°	7978.3	7043.7	6132.2	5229.9	4350.5	3517.3	2743.8	2122.3	1615.9	1178.6	828.7
12.5°	7964.5	6993.1	6067.7	5156.2	4267.7	3439.0	2707.0	2113.1	1615.9	1183.2	828.7
10°	7936.9	6924.0	5984.9	5064.1	4189.4	3411.4	2688.6	2094.7	1606.7	1183.2	828.7
7.5°	7886.2	6841.2	5915.8	5008.9	4143.4	3379.1	2661.0	2067.1	1592.9	1174.0	837.9
5°	7807.9	6795.1	5860.6	4944.4	4078.9	3356.1	2642.5	2044.1	1583.7	1174.0	828.7
2.5°	7706.7	6739.9	5796.1	4861.6	4005.3	3277.9	2582.7	1993.4	1551.5	1155.5	819.5
0°	7540.9	6629.4	5685.6	4746.5	3904.0	3199.6	2522.9	1942.8	1519.2	1137.1	810.3
-2.5°	7389.0	6482.1	5542.9	4626.8	3807.3	3130.5	2476.8	1915.2	1505.4	1132.5	805.7
-5°	7177.2	6279.5	5354.2	4470.2	3678.4	3061.5	2430.8	1882.9	1491.6	1123.3	805.7
-7.5°	6942.4	6067.7	5156.2	4309.1	3549.5	2941.8	2343.3	1832.3	1459.4	1104.9	801.1
-10°	6578.7	5750.1	4907.6	4125.0	3411.4	2835.9	2269.6	1786.3	1431.8	1086.5	782.6
-12.5°	6192.0	5400.2	4622.2	3899.4	3254.8	2725.4	2186.8	1735.6	1399.5	1068.1	773.4
-15°	5782.3	5041.1	4322.9	3664.6	3084.5	2591.9	2099.3	1680.4	1367.3	1045.0	759.6
-17.5°	5354.2	4663.6	4014.5	3425.2	2914.2	2453.8	2007.2	1629.7	1330.5	1022.0	745.8
-20°	4903.0	4276.9	3701.4	3181.2	2734.6	2315.7	1910.6	1569.9	1289.0	994.4	727.4



REPORT NUMBER: P722116

CATALOG NUMBER: IFLD-S-SA6C-750-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4456.4	3894.8	3379.1	2941.8	2550.5	2173.0	1813.9	1510.0	1243.0	962.2	713.6
-25°	4060.5	3535.7	3093.7	2711.6	2370.9	2034.9	1712.6	1450.2	1192.4	930.0	695.2
-27.5°	3673.8	3227.2	2812.9	2495.2	2196.0	1901.3	1615.9	1385.7	1141.7	893.1	676.8
-30°	3314.7	2932.6	2591.9	2283.5	2030.3	1781.6	1533.0	1321.3	1086.5	856.3	653.7
-32.5°	2987.8	2679.4	2393.9	2099.3	1873.7	1662.0	1454.8	1256.8	1031.2	819.5	630.7
-35°	2684.0	2444.6	2196.0	1947.4	1717.2	1551.5	1371.9	1187.8	980.6	778.0	607.7
-37.5°	2412.4	2219.0	2021.0	1809.3	1611.3	1445.6	1293.7	1118.7	930.0	741.2	584.7
-40°	2177.6	2021.0	1846.1	1675.8	1510.0	1353.5	1215.4	1049.7	879.3	713.6	561.7
-42.5°	1961.2	1841.5	1698.8	1556.1	1408.7	1270.6	1137.1	976.0	828.7	681.4	538.6
-45°	1795.5	1675.8	1560.7	1431.8	1307.5	1187.8	1054.3	911.5	782.6	644.5	515.6
-47.5°	1638.9	1533.0	1427.2	1321.3	1220.0	1109.5	976.0	856.3	732.0	612.3	497.2
-50°	1500.8	1399.5	1307.5	1215.4	1127.9	1022.0	897.7	801.1	690.6	580.1	474.2
-52.5°	1371.9	1284.4	1192.4	1118.7	1045.0	939.2	837.9	745.8	649.1	543.2	451.2
-55°	1256.8	1174.0	1091.1	1022.0	953.0	860.9	778.0	699.8	607.7	515.6	428.1
-57.5°	1146.3	1077.3	999.0	934.6	865.5	791.8	722.8	649.1	566.3	488.0	405.1
-60°	1045.0	980.6	911.5	847.1	787.2	727.4	662.9	603.1	529.4	455.8	382.1
-62.5°	943.8	888.5	828.7	764.2	718.2	662.9	612.3	552.4	492.6	428.1	340.7
-65°	851.7	801.1	745.8	690.6	649.1	607.7	561.7	506.4	455.8	395.9	303.8
-67.5°	759.6	713.6	667.5	621.5	584.7	552.4	506.4	465.0	423.5	359.1	267.0
-70°	672.1	635.3	593.9	557.1	529.4	492.6	460.4	423.5	386.7	313.1	225.6
-72.5°	589.3	552.4	520.2	492.6	469.6	437.4	409.7	382.1	331.5	262.4	188.8
-75°	492.6	469.6	451.2	428.1	405.1	382.1	359.1	326.9	276.2	211.8	147.3
-77.5°	405.1	391.3	377.5	359.1	340.7	322.3	294.6	262.4	221.0	165.7	119.7
-80°	331.5	317.7	308.5	290.0	276.2	257.8	230.2	202.6	161.1	128.9	96.7
-82.5°	253.2	244.0	234.8	225.6	211.8	193.4	165.7	142.7	119.7	96.7	73.7
-85°	179.5	174.9	165.7	156.5	142.7	128.9	110.5	96.7	82.9	64.5	50.6
-87.5°	92.1	87.5	82.9	78.3	73.7	64.5	55.2	46.0	41.4	32.2	23.0
-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: P722116  
 CATALOG NUMBER: IFLD-S-SA6C-750-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.4	13.8	4.6	0.0
85°	36.8	23.0	9.2	0.0
82.5°	55.2	36.8	13.8	0.0
80°	73.7	46.0	23.0	0.0
77.5°	92.1	55.2	27.6	0.0
75°	110.5	69.1	32.2	0.0
72.5°	124.3	78.3	36.8	0.0
70°	147.3	92.1	41.4	0.0
67.5°	184.1	101.3	46.0	0.0
65°	216.4	110.5	50.6	0.0
62.5°	253.2	119.7	55.2	0.0
60°	285.4	128.9	59.8	0.0
57.5°	317.7	151.9	64.5	0.0
55°	345.3	170.3	69.1	0.0
52.5°	377.5	188.8	73.7	0.0
50°	405.1	207.2	78.3	0.0
47.5°	428.1	225.6	78.3	0.0
45°	446.6	239.4	82.9	0.0
42.5°	460.4	253.2	87.5	0.0
40°	474.2	267.0	92.1	0.0
37.5°	488.0	280.8	92.1	0.0
35°	501.8	294.6	96.7	0.0
32.5°	515.6	308.5	96.7	0.0
30°	524.8	317.7	101.3	0.0
27.5°	538.6	326.9	101.3	0.0
25°	543.2	336.1	105.9	0.0
22.5°	552.4	340.7	105.9	0.0
20°	561.7	349.9	105.9	0.0
17.5°	566.3	354.5	110.5	0.0
15°	566.3	359.1	115.1	0.0
12.5°	570.9	363.7	115.1	0.0
10°	570.9	372.9	110.5	0.0
7.5°	580.1	368.3	110.5	0.0
5°	575.5	368.3	110.5	0.0
2.5°	570.9	363.7	110.5	0.0
0°	566.3	363.7	110.5	0.0
-2.5°	566.3	363.7	110.5	0.0
-5°	566.3	363.7	110.5	0.0
-7.5°	561.7	368.3	110.5	0.0
-10°	552.4	368.3	110.5	0.0
-12.5°	547.8	354.5	110.5	0.0
-15°	543.2	349.9	110.5	0.0
-17.5°	534.0	345.3	105.9	0.0
-20°	524.8	340.7	105.9	0.0



REPORT NUMBER: P722116  
 CATALOG NUMBER: IFLD-S-SA6C-750-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	515.6	331.5	105.9	0.0
-25°	506.4	322.3	101.3	0.0
-27.5°	497.2	313.1	101.3	0.0
-30°	483.4	303.8	96.7	0.0
-32.5°	469.6	294.6	96.7	0.0
-35°	460.4	280.8	92.1	0.0
-37.5°	446.6	267.0	92.1	0.0
-40°	432.8	253.2	87.5	0.0
-42.5°	418.9	239.4	82.9	0.0
-45°	400.5	225.6	82.9	0.0
-47.5°	386.7	211.8	78.3	0.0
-50°	363.7	193.4	73.7	0.0
-52.5°	336.1	174.9	69.1	0.0
-55°	308.5	161.1	64.5	0.0
-57.5°	280.8	142.7	64.5	0.0
-60°	253.2	124.3	59.8	0.0
-62.5°	225.6	115.1	55.2	0.0
-65°	198.0	105.9	50.6	0.0
-67.5°	165.7	92.1	46.0	0.0
-70°	138.1	82.9	41.4	0.0
-72.5°	119.7	73.7	36.8	0.0
-75°	101.3	64.5	32.2	0.0
-77.5°	87.5	55.2	27.6	0.0
-80°	69.1	41.4	18.4	0.0
-82.5°	50.6	32.2	13.8	0.0
-85°	32.2	23.0	9.2	0.0
-87.5°	18.4	9.2	4.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)