

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: P722030

Luminaire Tested: **IFLD-S-SA6D-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722030  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

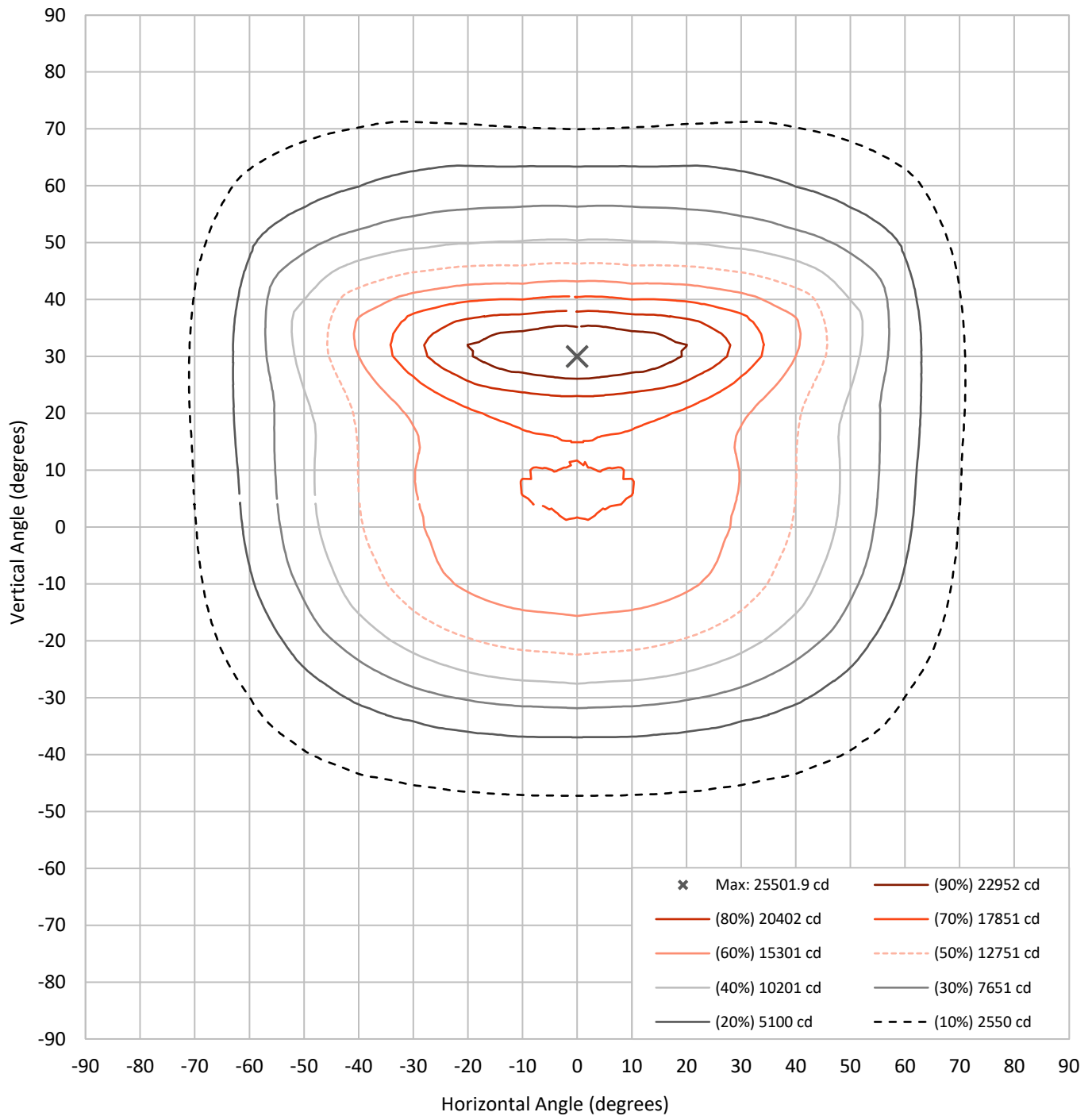
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	42569 lumens	Max Intensity:	25501.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	115.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24754.4 lumens	Field Lumens:	39892.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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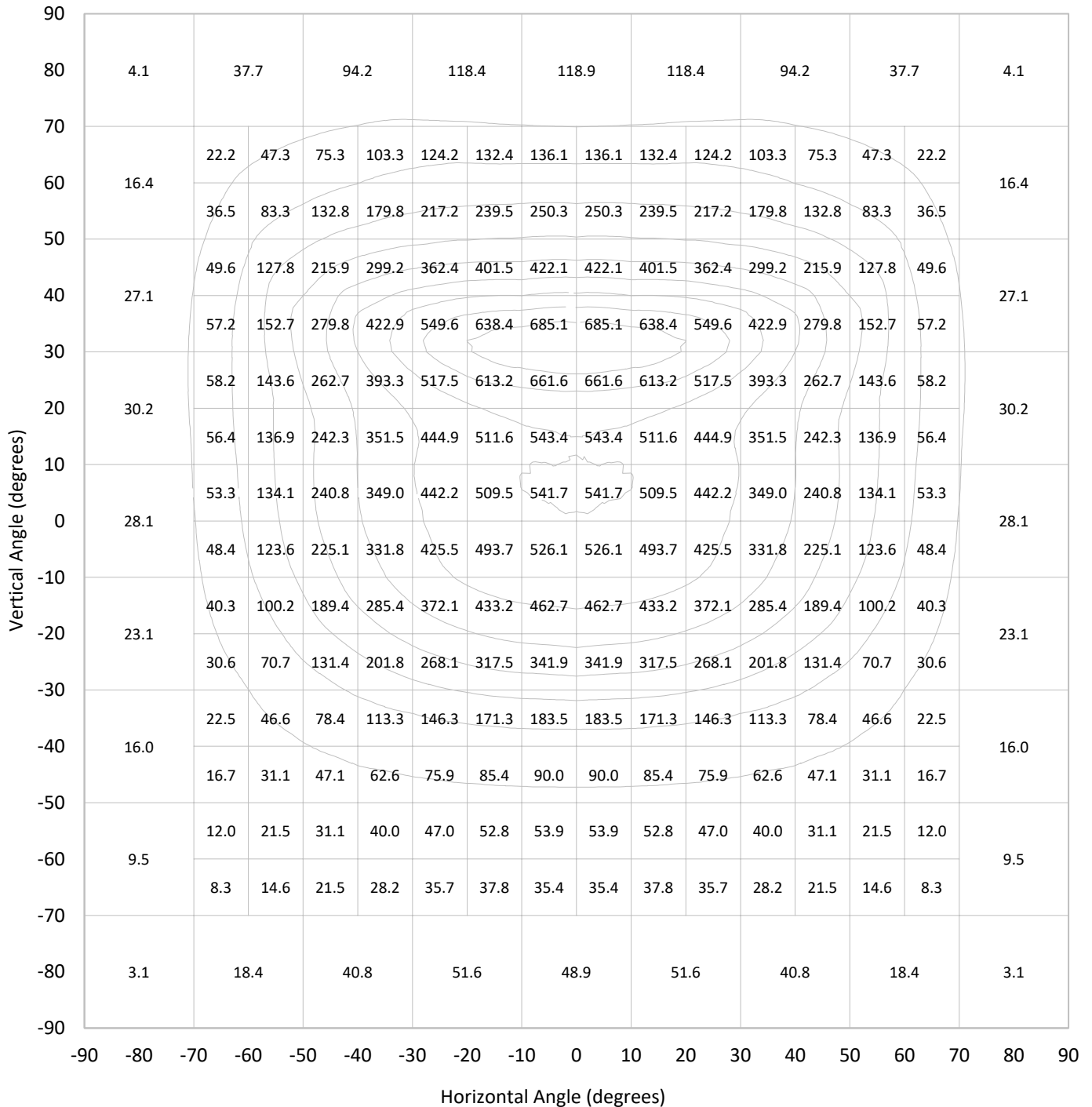
### Iso-Candela Plot





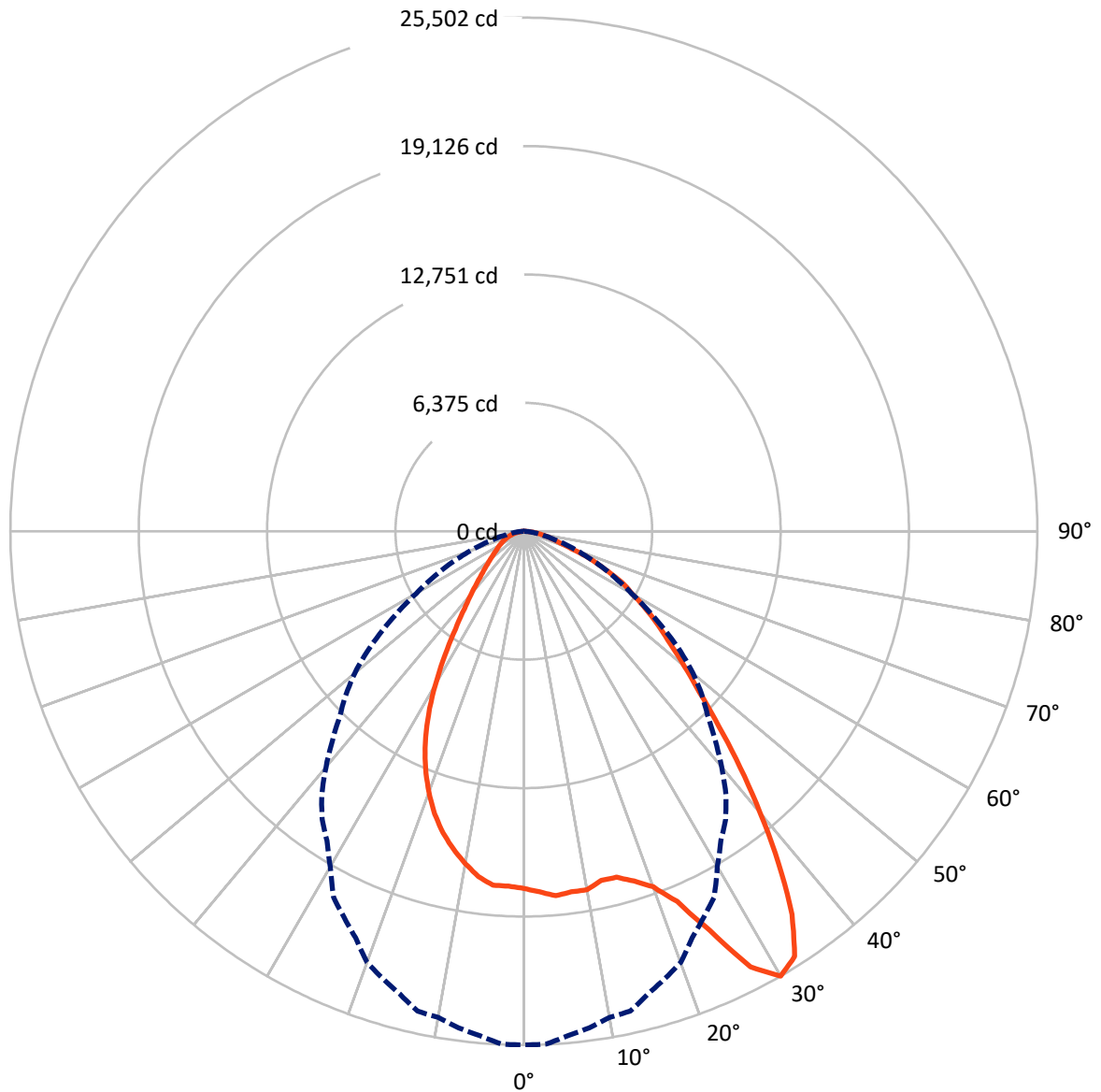
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### Lumen Table



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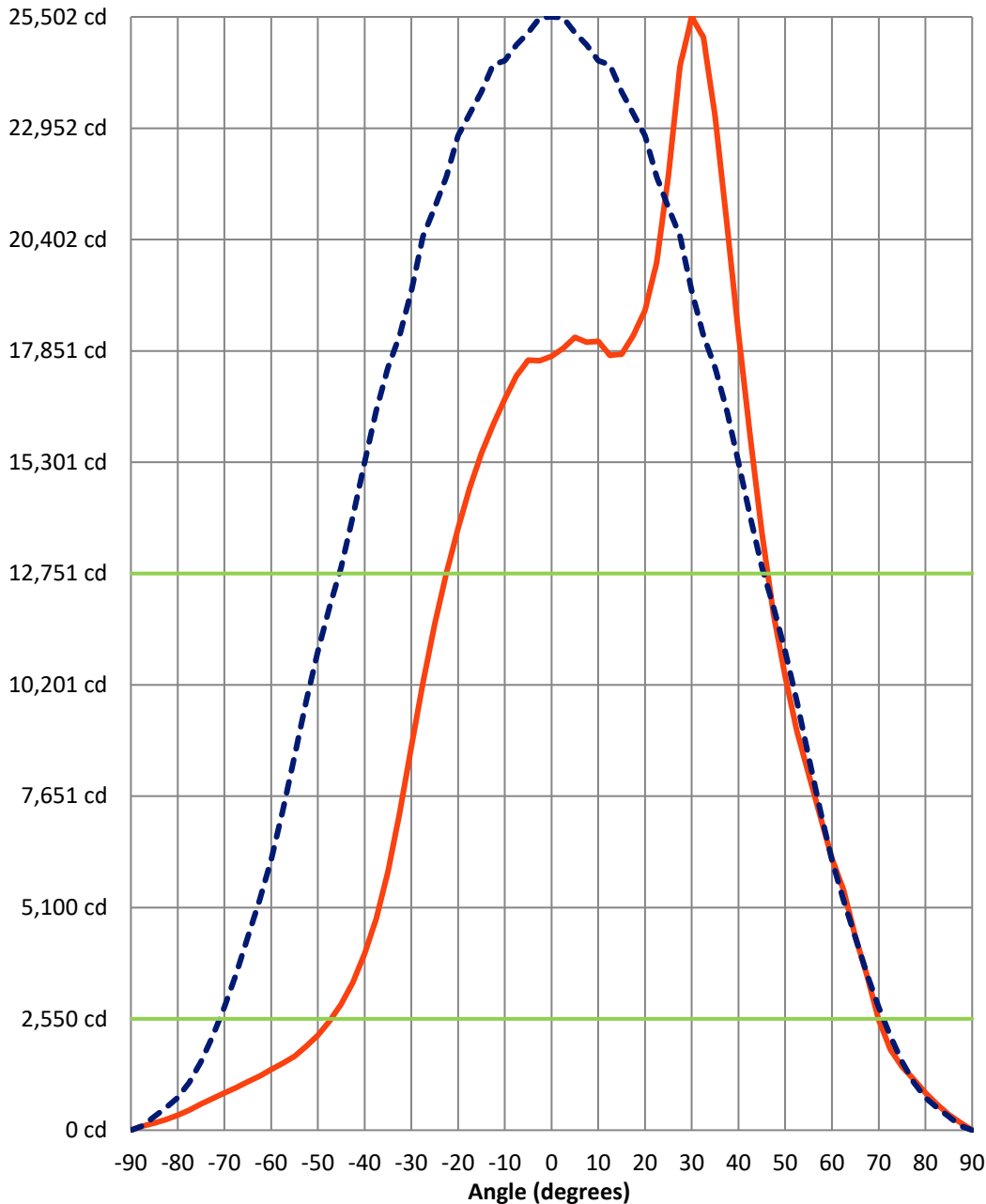
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 24754.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 39892.7  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2676.3  
 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°	171.4	175.9	180.4	180.4	175.9	175.9	175.9	171.4	175.9	175.9	175.9
85°	356.3	365.3	374.3	369.8	365.3	356.3	347.2	351.7	356.3	360.8	360.8
82.5°	590.8	604.3	613.3	608.8	599.8	590.8	581.7	586.2	595.3	599.8	599.8
80°	856.8	861.3	865.8	874.9	861.3	861.3	856.8	874.9	883.9	892.9	901.9
77.5°	1163.5	1168.0	1168.0	1172.5	1177.0	1181.5	1181.5	1213.1	1235.6	1249.2	1262.7
75°	1452.1	1465.6	1479.2	1492.7	1510.7	1519.7	1533.3	1578.4	1614.4	1641.5	1668.6
72.5°	1848.9	1867.0	1889.5	1921.1	1952.7	1975.2	2006.8	2060.9	2101.5	2128.5	2160.1
70°	2529.9	2547.9	2570.5	2593.0	2624.6	2647.1	2678.7	2746.4	2786.9	2805.0	2823.0
67.5°	3540.0	3585.1	3625.7	3580.6	3558.1	3526.5	3535.5	3598.7	3639.3	3666.3	3661.8
65°	4437.5	4469.0	4469.0	4464.5	4446.5	4405.9	4428.4	4505.1	4550.2	4572.7	4505.1
62.5°	5492.7	5492.7	5470.2	5506.2	5510.7	5483.7	5470.2	5474.7	5479.2	5492.7	5380.0
60°	6223.3	6268.4	6281.9	6313.5	6322.5	6322.5	6345.0	6363.1	6363.1	6336.0	6205.2
57.5°	7188.3	7274.0	7292.0	7269.5	7224.4	7165.8	7156.8	7129.7	7075.6	7021.5	6958.3
55°	8162.4	8207.5	8203.0	8189.5	8144.4	8076.7	8085.7	8049.7	7964.0	7896.3	7810.6
52.5°	9141.0	9249.2	9267.3	9240.2	9177.1	9104.9	9109.4	9068.8	8983.1	8911.0	8793.7
50°	10390.1	10480.3	10471.3	10426.2	10336.0	10281.9	10286.4	10209.8	10110.5	10088.0	9934.7
47.5°	11819.7	11923.4	11905.4	11842.2	11720.5	11697.9	11720.5	11621.3	11562.6	11513.0	11332.7
45°	13695.7	13817.4	13749.8	13628.0	13434.1	13456.7	13488.2	13470.2	13343.9	13213.2	12983.2
42.5°	15896.4	15973.0	15891.9	15770.1	15526.6	15571.7	15553.6	15445.4	15368.8	15152.3	14859.2
40°	18250.4	18417.3	18291.0	18101.6	17849.0	17916.7	17867.1	17727.3	17546.9	17276.3	16906.5
37.5°	20789.3	20920.1	20775.8	20554.8	20329.3	20306.8	20207.6	19991.1	19734.1	19436.4	18845.7
35°	23220.0	23558.2	23292.1	22940.4	22665.3	22561.6	22466.9	21966.3	21673.2	21190.7	20383.4
32.5°	25028.3	25276.4	24947.2	24581.9	24248.2	24103.9	23770.2	23174.9	23017.1	22002.4	21262.8
30°	25501.9	25483.8	25141.1	24861.5	24500.7	24401.5	23788.2	23283.1	22778.0	21840.0	21136.5
27.5°	24374.4	24261.7	23932.5	23689.0	23332.7	23215.5	22611.2	22340.6	21560.5	20766.8	20171.5
25°	21862.6	21921.2	21673.2	21551.4	21316.9	21064.4	20825.4	20460.1	19973.1	19278.6	18732.9
22.5°	19882.9	19959.5	19855.8	19711.5	19531.1	19391.3	19210.9	18926.8	18457.8	18029.4	17515.3
20°	18782.5	18760.0	18669.8	18561.6	18390.2	18291.0	18092.6	17853.6	17492.8	17123.0	16568.3
17.5°	18205.3	18065.5	17979.8	17939.2	17849.0	17722.8	17488.3	17244.8	16965.2	16545.8	16139.9
15°	17776.9	17799.4	17731.8	17700.2	17628.1	17452.2	17213.2	17014.8	16636.0	16424.0	16054.2
12.5°	17749.8	17727.3	17731.8	17718.3	17628.1	17402.6	17280.8	17028.3	16784.8	16505.2	16081.3
10°	18070.0	17831.0	17849.0	17912.2	17767.9	17587.5	17456.7	17181.6	16951.6	16595.4	16176.0
7.5°	18052.0	17930.2	17966.3	17862.6	17907.7	17686.7	17506.3	17231.2	16942.6	16563.8	16185.0
5°	18160.2	17975.3	17943.7	17952.8	17840.0	17673.2	17429.6	17168.1	16897.5	16473.6	16085.8
2.5°	17912.2	17939.2	17794.9	17740.8	17727.3	17447.7	17222.2	16969.7	16690.1	16315.8	15968.5
0°	17727.3	17776.9	17628.1	17551.4	17546.9	17307.9	17163.6	16875.0	16676.5	16365.4	15946.0
-2.5°	17628.1	17686.7	17704.7	17564.9	17429.6	17244.8	17001.2	16690.1	16365.4	16004.6	15643.8
-5°	17637.1	17519.8	17470.2	17515.3	17398.1	17213.2	16942.6	16667.5	16347.3	15959.5	15508.6
-7.5°	17280.8	17163.6	17154.6	17132.0	17105.0	16929.1	16703.6	16406.0	16081.3	15720.5	15301.1
-10°	16748.7	16663.0	16640.5	16617.9	16545.8	16442.0	16230.1	15959.5	15666.4	15305.6	14859.2
-12.5°	16157.9	16117.4	16031.7	15973.0	15900.9	15779.1	15576.2	15328.2	15035.0	14714.9	14331.5
-15°	15504.0	15427.4	15341.7	15292.1	15188.4	15044.1	14841.1	14611.1	14291.0	13975.3	13614.5
-17.5°	14714.9	14620.2	14525.5	14511.9	14439.8	14218.8	14029.4	13749.8	13470.2	13168.1	12816.3
-20°	13785.9	13655.1	13592.0	13555.9	13456.7	13294.3	13091.4	12834.4	12563.8	12275.2	11869.3



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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°	12757.7	12645.0	12536.7	12469.1	12383.4	12257.1	12063.2	11837.7	11571.7	11247.0	10872.7
-25°	11589.7	11431.9	11364.2	11287.6	11242.5	11125.2	10935.8	10728.4	10453.3	10137.6	9781.3
-27.5°	10254.9	10128.6	10092.5	9984.3	9930.2	9808.4	9650.6	9456.7	9204.1	8906.5	8613.4
-30°	8780.2	8703.5	8644.9	8536.7	8496.1	8365.3	8261.6	8099.3	7869.3	7657.3	7422.8
-32.5°	7265.0	7188.3	7170.3	7120.7	7093.6	7007.9	6890.7	6773.4	6588.5	6430.7	6241.3
-35°	5921.1	5867.0	5871.5	5867.0	5839.9	5776.8	5632.5	5600.9	5465.6	5321.3	5199.6
-37.5°	4847.8	4852.3	4847.8	4843.3	4807.2	4780.2	4676.5	4635.9	4554.7	4414.9	4342.8
-40°	4040.6	4049.6	4045.1	4036.1	3995.5	3982.0	3914.3	3860.2	3828.7	3729.4	3652.8
-42.5°	3386.7	3400.2	3395.7	3391.2	3364.2	3359.7	3323.6	3260.4	3242.4	3183.8	3102.6
-45°	2890.7	2886.2	2877.1	2886.2	2872.6	2859.1	2836.5	2796.0	2773.4	2746.4	2678.7
-47.5°	2498.3	2502.8	2493.8	2493.8	2475.8	2462.2	2453.2	2426.2	2408.1	2385.6	2345.0
-50°	2173.6	2191.7	2187.2	2182.7	2169.1	2160.1	2160.1	2133.0	2106.0	2097.0	2069.9
-52.5°	1921.1	1934.6	1939.1	1948.2	1952.7	1957.2	1943.6	1916.6	1871.5	1867.0	1853.5
-55°	1691.1	1731.7	1758.7	1776.8	1794.8	1808.4	1781.3	1745.2	1700.1	1682.1	1677.6
-57.5°	1533.3	1573.9	1605.4	1632.5	1655.0	1677.6	1650.5	1614.4	1573.9	1551.3	1546.8
-60°	1389.0	1425.0	1456.6	1492.7	1524.2	1560.3	1546.8	1519.7	1497.2	1479.2	1461.1
-62.5°	1235.6	1271.7	1307.8	1352.9	1393.5	1429.5	1434.1	1429.5	1425.0	1429.5	1398.0
-65°	1109.4	1127.4	1150.0	1199.6	1244.7	1285.2	1307.8	1321.3	1343.9	1366.4	1334.8
-67.5°	974.1	996.6	1023.7	1059.8	1095.8	1122.9	1154.5	1190.5	1226.6	1262.7	1240.1
-70°	852.3	870.4	892.9	910.9	933.5	951.5	978.6	1019.2	1059.8	1095.8	1086.8
-72.5°	726.0	744.1	757.6	766.6	780.2	789.2	802.7	838.8	865.8	883.9	883.9
-75°	599.8	617.8	631.3	635.9	644.9	649.4	658.4	671.9	685.5	690.0	694.5
-77.5°	460.0	478.0	491.5	500.6	509.6	518.6	523.1	532.1	536.6	536.6	541.2
-80°	342.7	356.3	365.3	378.8	383.3	392.3	401.4	405.9	410.4	410.4	414.9
-82.5°	243.5	252.5	261.6	270.6	279.6	284.1	293.1	297.6	302.1	306.7	311.2
-85°	162.3	171.4	180.4	189.4	193.9	198.4	202.9	207.4	212.0	216.5	221.0
-87.5°	94.7	99.2	103.7	112.7	117.2	126.3	130.8	126.3	130.8	130.8	130.8
-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°	175.9	175.9	175.9	175.9	171.4	162.3	157.8	148.8	139.8	130.8	121.8
85°	365.3	369.8	369.8	369.8	360.8	356.3	342.7	329.2	311.2	284.1	261.6
82.5°	608.8	613.3	613.3	608.8	599.8	586.2	568.2	545.7	509.6	473.5	441.9
80°	915.5	920.0	920.0	915.5	892.9	870.4	847.8	820.7	775.7	726.0	671.9
77.5°	1280.7	1289.7	1289.7	1276.2	1244.7	1217.6	1181.5	1136.4	1068.8	996.6	924.5
75°	1704.6	1727.2	1731.7	1718.2	1677.6	1628.0	1569.3	1492.7	1389.0	1298.8	1213.1
72.5°	2196.2	2218.7	2236.8	2218.7	2160.1	2092.5	2006.8	1916.6	1812.9	1691.1	1546.8
70°	2841.1	2863.6	2877.1	2818.5	2714.8	2602.0	2498.3	2394.6	2272.8	2124.0	1966.2
67.5°	3652.8	3630.2	3603.2	3485.9	3355.2	3219.9	3075.6	2922.2	2764.4	2606.6	2421.7
65°	4432.9	4369.8	4311.2	4171.4	4004.5	3828.7	3661.8	3490.4	3301.0	3102.6	2926.7
62.5°	5253.7	5118.4	4974.1	4802.7	4631.4	4437.5	4270.6	4067.7	3855.7	3612.2	3386.7
60°	6060.9	5898.6	5754.3	5542.3	5316.8	5055.3	4874.9	4676.5	4428.4	4166.9	3900.8
57.5°	6841.1	6665.2	6507.4	6322.5	6079.0	5794.9	5596.4	5339.4	5077.8	4748.6	4478.0
55°	7670.8	7495.0	7368.7	7161.3	6895.2	6633.6	6417.2	6146.6	5781.3	5429.6	5095.9
52.5°	8622.4	8482.6	8347.3	8135.3	7815.2	7549.1	7310.1	7007.9	6624.6	6191.7	5790.3
50°	9686.6	9614.5	9470.2	9222.2	8856.9	8622.4	8306.7	7905.3	7495.0	7039.5	6538.9
47.5°	11098.2	10980.9	10778.0	10507.4	10200.7	9849.0	9425.1	8956.1	8374.3	7869.3	7337.1
45°	12784.7	12568.3	12306.7	11941.5	11562.6	11165.8	10701.3	10106.0	9325.9	8667.5	8108.3
42.5°	14611.1	14318.0	13961.8	13483.7	12992.2	12505.2	12004.6	11192.9	10218.8	9461.2	8829.8
40°	16518.7	16144.4	15698.0	15003.5	14457.8	13831.0	13258.3	12045.2	11008.0	10187.2	9515.3
37.5°	18385.7	17912.2	17163.6	16320.3	15684.4	15170.3	13912.2	12613.4	11684.4	10782.5	10101.5
35°	19815.2	19413.9	18092.6	17217.7	16672.0	15860.3	14286.4	12956.1	11973.0	11224.4	10164.7
32.5°	20663.0	19625.8	18466.9	17583.0	17132.0	15801.7	14313.5	13055.3	12108.3	11269.5	10002.3
30°	20473.6	19220.0	18205.3	17465.7	16487.1	15292.1	14061.0	12902.0	11982.0	10967.4	9821.9
27.5°	19332.7	18363.1	17456.7	16685.6	15725.0	14651.7	13515.3	12496.1	11639.3	10656.2	9573.9
25°	18043.0	17163.6	16491.6	15819.7	14908.8	13885.1	12884.0	12148.9	11287.6	10318.0	9249.2
22.5°	16856.9	16225.6	15698.0	14994.5	14106.1	13213.2	12590.8	11828.7	10944.8	9961.7	8915.5
20°	16099.3	15670.9	15066.6	14291.0	13592.0	13032.8	12342.8	11535.6	10624.6	9596.5	8631.4
17.5°	15734.0	15238.0	14566.0	14061.0	13524.3	12911.0	12139.9	11283.0	10313.5	9429.6	8663.0
15°	15544.6	15021.5	14579.6	14083.5	13479.2	12834.4	11977.5	11089.1	10313.5	9497.2	8685.5
12.5°	15585.2	15134.3	14651.7	14110.6	13461.2	12771.2	11995.6	11170.3	10367.6	9546.8	8690.0
10°	15711.5	15238.0	14723.9	14124.1	13470.2	12789.3	12045.2	11219.9	10394.7	9569.4	8681.0
7.5°	15756.6	15242.5	14692.3	14088.0	13447.7	12780.2	12054.2	11233.4	10399.2	9564.9	8653.9
5°	15616.8	15152.3	14620.2	14011.4	13384.5	12735.1	12018.1	11215.4	10363.1	9519.8	8586.3
2.5°	15427.4	15053.1	14543.5	13957.2	13321.4	12672.0	11959.5	11134.2	10281.9	9438.6	8500.6
0°	15395.8	14931.3	14417.2	13894.1	13217.7	12532.2	11824.2	10980.9	10133.1	9285.3	8351.8
-2.5°	15188.4	14696.8	14182.7	13614.5	13019.2	12329.3	11585.2	10759.9	9921.1	9086.9	8189.5
-5°	15030.5	14484.9	13939.2	13325.9	12726.1	12036.2	11265.0	10462.3	9641.5	8829.8	7964.0
-7.5°	14818.6	14259.4	13686.7	13046.3	12396.9	11693.4	10931.3	10128.6	9321.4	8514.1	7684.4
-10°	14390.2	13898.6	13362.0	12699.1	12013.6	11310.1	10552.5	9763.3	8956.1	8139.8	7305.6
-12.5°	13871.6	13353.0	12766.7	12157.9	11544.6	10890.7	10133.1	9357.4	8545.7	7725.0	6895.2
-15°	13199.6	12690.0	12090.3	11495.0	10904.2	10277.4	9610.0	8911.0	8085.7	7278.5	6448.7
-17.5°	12360.8	11882.8	11346.2	10778.0	10191.7	9560.4	8911.0	8320.2	7549.1	6791.5	5970.7
-20°	11458.9	11012.5	10529.9	9993.3	9407.0	8789.2	8175.9	7558.1	6890.7	6223.3	5461.1



REPORT NUMBER: P722030  
 CATALOG NUMBER: IFLD-S-SA6D-730-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10520.9	10070.0	9582.9	9082.4	8541.2	7968.5	7400.3	6809.5	6223.3	5619.0	4974.1
-25°	9438.6	9041.8	8595.3	8108.3	7625.8	7125.2	6584.0	6047.4	5546.8	5023.7	4496.1
-27.5°	8306.7	7941.4	7535.6	7111.7	6696.8	6277.4	5808.4	5312.3	4897.4	4464.5	4027.1
-30°	7116.2	6823.0	6493.8	6124.1	5803.9	5465.6	5073.3	4662.9	4284.1	3954.9	3603.2
-32.5°	5988.8	5740.7	5506.2	5262.7	4947.0	4685.5	4414.9	4112.8	3779.1	3467.9	3215.4
-35°	5019.2	4753.1	4653.9	4473.5	4248.1	4018.1	3819.6	3603.2	3350.6	3075.6	2868.1
-37.5°	4203.0	4045.1	3905.3	3806.1	3657.3	3472.4	3314.6	3156.7	2962.8	2755.4	2547.9
-40°	3567.1	3458.9	3305.5	3255.9	3161.2	3035.0	2872.6	2750.9	2620.1	2462.2	2286.4
-42.5°	3057.5	2976.3	2877.1	2791.4	2750.9	2660.7	2534.4	2417.2	2313.4	2205.2	2069.9
-45°	2638.1	2584.0	2520.9	2444.2	2412.6	2340.5	2250.3	2119.5	2060.9	1970.7	1871.5
-47.5°	2299.9	2272.8	2227.7	2178.1	2133.0	2078.9	1997.8	1916.6	1835.4	1776.8	1700.1
-50°	2033.8	2015.8	1988.7	1948.2	1889.5	1853.5	1799.3	1727.2	1650.5	1600.9	1546.8
-52.5°	1821.9	1803.8	1785.8	1754.2	1709.1	1673.1	1628.0	1569.3	1506.2	1456.6	1411.5
-55°	1659.5	1632.5	1619.0	1591.9	1555.8	1515.2	1474.6	1434.1	1379.9	1334.8	1289.7
-57.5°	1533.3	1497.2	1479.2	1456.6	1420.5	1379.9	1348.4	1307.8	1271.7	1222.1	1181.5
-60°	1434.1	1393.5	1357.4	1334.8	1303.3	1262.7	1231.1	1199.6	1163.5	1122.9	1073.3
-62.5°	1352.9	1303.3	1253.7	1226.6	1195.0	1159.0	1127.4	1095.8	1059.8	1019.2	974.1
-65°	1276.2	1217.6	1154.5	1127.4	1095.8	1059.8	1019.2	996.6	965.1	929.0	883.9
-67.5°	1181.5	1118.4	1064.3	1032.7	1001.1	969.6	933.5	910.9	879.4	834.3	789.2
-70°	1041.7	1001.1	965.1	938.0	910.9	883.9	847.8	811.7	775.7	735.1	694.5
-72.5°	865.8	852.3	847.8	834.3	802.7	771.1	735.1	699.0	667.4	635.9	604.3
-75°	699.0	708.0	717.0	712.5	681.0	649.4	617.8	586.2	563.7	536.6	509.6
-77.5°	554.7	563.7	572.7	572.7	550.2	532.1	509.6	487.0	469.0	446.5	419.4
-80°	428.4	441.9	455.5	464.5	446.5	432.9	414.9	396.8	378.8	360.8	342.7
-82.5°	324.7	338.2	351.7	360.8	347.2	338.2	324.7	311.2	297.6	279.6	266.1
-85°	234.5	243.5	252.5	257.0	248.0	239.0	230.0	221.0	212.0	198.4	189.4
-87.5°	135.3	139.8	144.3	148.8	139.8	130.8	126.3	117.2	112.7	103.7	99.2
-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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 CATALOG NUMBER: IFLD-S-SA6D-730-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°	112.7	103.7	94.7	90.2	81.2	67.6	58.6	49.6	40.6	31.6	27.1
85°	239.0	216.5	189.4	175.9	157.8	139.8	121.8	103.7	85.7	67.6	49.6
82.5°	410.4	383.3	356.3	324.7	284.1	234.5	184.9	153.3	126.3	99.2	76.7
80°	617.8	568.2	523.1	482.5	437.4	374.3	306.7	243.5	171.4	130.8	99.2
77.5°	856.8	798.2	735.1	667.4	595.3	509.6	432.9	351.7	266.1	180.4	126.3
75°	1127.4	1050.7	965.1	870.4	775.7	662.9	554.7	460.0	360.8	252.5	153.3
72.5°	1429.5	1334.8	1231.1	1104.9	956.0	825.3	694.5	568.2	451.0	320.2	207.4
70°	1817.4	1668.6	1515.2	1379.9	1190.5	983.1	829.8	685.5	536.6	392.3	261.6
67.5°	2232.3	2051.9	1867.0	1668.6	1429.5	1186.0	965.1	802.7	626.8	460.0	311.2
65°	2683.2	2457.7	2223.2	2002.3	1673.1	1384.5	1136.4	915.5	712.5	523.1	360.8
62.5°	3147.7	2881.6	2611.1	2322.4	1943.6	1587.4	1298.8	1041.7	793.7	581.7	405.9
60°	3643.8	3332.6	3003.4	2642.6	2200.7	1808.4	1452.1	1172.5	879.4	640.4	455.5
57.5°	4166.9	3828.7	3440.8	2953.8	2466.8	2020.3	1628.0	1289.7	956.0	694.5	491.5
55°	4735.1	4347.3	3923.4	3278.5	2728.3	2232.3	1803.8	1407.0	1037.2	739.6	527.6
52.5°	5348.4	4897.4	4360.8	3621.2	3003.4	2448.7	1966.2	1510.7	1113.9	789.2	559.2
50°	6033.9	5465.6	4744.1	3936.9	3242.4	2651.7	2128.5	1623.5	1177.0	843.3	586.2
47.5°	6746.4	6133.1	5086.8	4230.0	3485.9	2850.1	2295.4	1722.7	1240.1	888.4	613.3
45°	7490.5	6597.6	5443.1	4491.6	3697.9	3030.5	2421.7	1812.9	1316.8	929.0	635.9
42.5°	8225.5	6949.3	5754.3	4753.1	3896.3	3192.8	2525.4	1898.5	1379.9	969.6	658.4
40°	8572.8	7215.4	6002.3	4933.5	4063.2	3337.1	2615.6	1975.2	1434.1	996.6	681.0
37.5°	8717.1	7377.7	6164.6	5104.9	4193.9	3413.8	2692.2	2042.9	1479.2	1023.7	699.0
35°	8748.6	7436.3	6245.8	5222.1	4302.2	3485.9	2750.9	2092.5	1515.2	1050.7	717.0
32.5°	8690.0	7418.3	6268.4	5262.7	4369.8	3540.0	2791.4	2128.5	1542.3	1077.8	735.1
30°	8559.2	7323.6	6187.2	5258.2	4419.4	3571.6	2818.5	2155.6	1569.3	1095.8	744.1
27.5°	8347.3	7156.8	6083.5	5262.7	4446.5	3585.1	2832.0	2169.1	1587.4	1109.4	762.1
25°	8085.7	6931.3	6088.0	5253.7	4451.0	3589.7	2832.0	2169.1	1591.9	1113.9	775.7
22.5°	7783.6	6931.3	6088.0	5240.2	4423.9	3580.6	2818.5	2160.1	1591.9	1122.9	789.2
20°	7801.6	6935.8	6074.4	5213.1	4383.3	3553.6	2786.9	2137.6	1578.4	1136.4	798.2
17.5°	7815.2	6926.8	6047.4	5177.0	4329.2	3508.5	2746.4	2106.0	1578.4	1150.0	802.7
15°	7815.2	6899.7	6006.8	5122.9	4261.6	3445.3	2687.7	2078.9	1582.9	1154.5	811.7
12.5°	7801.6	6850.1	5943.7	5050.8	4180.4	3368.7	2651.7	2069.9	1582.9	1159.0	811.7
10°	7774.6	6782.5	5862.5	4960.6	4103.7	3341.6	2633.6	2051.9	1573.9	1159.0	811.7
7.5°	7725.0	6701.3	5794.9	4906.5	4058.7	3310.1	2606.6	2024.8	1560.3	1150.0	820.7
5°	7648.3	6656.2	5740.7	4843.3	3995.5	3287.5	2588.5	2002.3	1551.3	1150.0	811.7
2.5°	7549.1	6602.1	5677.6	4762.1	3923.4	3210.8	2529.9	1952.7	1519.7	1131.9	802.7
0°	7386.7	6493.8	5569.4	4649.4	3824.2	3134.2	2471.3	1903.1	1488.2	1113.9	793.7
-2.5°	7237.9	6349.5	5429.6	4532.2	3729.4	3066.5	2426.2	1876.0	1474.6	1109.4	789.2
-5°	7030.5	6151.1	5244.7	4378.8	3603.2	2998.9	2381.1	1844.4	1461.1	1100.3	789.2
-7.5°	6800.5	5943.7	5050.8	4221.0	3476.9	2881.6	2295.4	1794.8	1429.5	1082.3	784.7
-10°	6444.2	5632.5	4807.2	4040.6	3341.6	2777.9	2223.2	1749.7	1402.5	1064.3	766.6
-12.5°	6065.4	5289.8	4527.6	3819.6	3188.3	2669.7	2142.1	1700.1	1370.9	1046.2	757.6
-15°	5664.1	4938.0	4234.5	3589.7	3021.4	2538.9	2056.4	1646.0	1339.4	1023.7	744.1
-17.5°	5244.7	4568.2	3932.4	3355.2	2854.6	2403.6	1966.2	1596.4	1303.3	1001.1	730.6
-20°	4802.7	4189.4	3625.7	3116.1	2678.7	2268.3	1871.5	1537.8	1262.7	974.1	712.5



REPORT NUMBER: P722030  
 CATALOG NUMBER: IFLD-S-SA6D-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4365.3	3815.1	3310.1	2881.6	2498.3	2128.5	1776.8	1479.2	1217.6	942.5	699.0
-25°	3977.5	3463.4	3030.5	2656.2	2322.4	1993.2	1677.6	1420.5	1168.0	910.9	681.0
-27.5°	3598.7	3161.2	2755.4	2444.2	2151.1	1862.5	1582.9	1357.4	1118.4	874.9	662.9
-30°	3246.9	2872.6	2538.9	2236.8	1988.7	1745.2	1501.7	1294.3	1064.3	838.8	640.4
-32.5°	2926.7	2624.6	2345.0	2056.4	1835.4	1628.0	1425.0	1231.1	1010.2	802.7	617.8
-35°	2629.1	2394.6	2151.1	1907.6	1682.1	1519.7	1343.9	1163.5	960.5	762.1	595.3
-37.5°	2363.0	2173.6	1979.7	1772.3	1578.4	1416.0	1267.2	1095.8	910.9	726.0	572.7
-40°	2133.0	1979.7	1808.4	1641.5	1479.2	1325.8	1190.5	1028.2	861.3	699.0	550.2
-42.5°	1921.1	1803.8	1664.0	1524.2	1379.9	1244.7	1113.9	956.0	811.7	667.4	527.6
-45°	1758.7	1641.5	1528.8	1402.5	1280.7	1163.5	1032.7	892.9	766.6	631.3	505.1
-47.5°	1605.4	1501.7	1398.0	1294.3	1195.0	1086.8	956.0	838.8	717.0	599.8	487.0
-50°	1470.1	1370.9	1280.7	1190.5	1104.9	1001.1	879.4	784.7	676.4	568.2	464.5
-52.5°	1343.9	1258.2	1168.0	1095.8	1023.7	920.0	820.7	730.6	635.9	532.1	441.9
-55°	1231.1	1150.0	1068.8	1001.1	933.5	843.3	762.1	685.5	595.3	505.1	419.4
-57.5°	1122.9	1055.2	978.6	915.5	847.8	775.7	708.0	635.9	554.7	478.0	396.8
-60°	1023.7	960.5	892.9	829.8	771.1	712.5	649.4	590.8	518.6	446.5	374.3
-62.5°	924.5	870.4	811.7	748.6	703.5	649.4	599.8	541.2	482.5	419.4	333.7
-65°	834.3	784.7	730.6	676.4	635.9	595.3	550.2	496.1	446.5	387.8	297.6
-67.5°	744.1	699.0	653.9	608.8	572.7	541.2	496.1	455.5	414.9	351.7	261.6
-70°	658.4	622.3	581.7	545.7	518.6	482.5	451.0	414.9	378.8	306.7	221.0
-72.5°	577.2	541.2	509.6	482.5	460.0	428.4	401.4	374.3	324.7	257.0	184.9
-75°	482.5	460.0	441.9	419.4	396.8	374.3	351.7	320.2	270.6	207.4	144.3
-77.5°	396.8	383.3	369.8	351.7	333.7	315.7	288.6	257.0	216.5	162.3	117.2
-80°	324.7	311.2	302.1	284.1	270.6	252.5	225.5	198.4	157.8	126.3	94.7
-82.5°	248.0	239.0	230.0	221.0	207.4	189.4	162.3	139.8	117.2	94.7	72.2
-85°	175.9	171.4	162.3	153.3	139.8	126.3	108.2	94.7	81.2	63.1	49.6
-87.5°	90.2	85.7	81.2	76.7	72.2	63.1	54.1	45.1	40.6	31.6	22.5
-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: P722030  
 CATALOG NUMBER: IFLD-S-SA6D-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.0	13.5	4.5	0.0
85°	36.1	22.5	9.0	0.0
82.5°	54.1	36.1	13.5	0.0
80°	72.2	45.1	22.5	0.0
77.5°	90.2	54.1	27.1	0.0
75°	108.2	67.6	31.6	0.0
72.5°	121.8	76.7	36.1	0.0
70°	144.3	90.2	40.6	0.0
67.5°	180.4	99.2	45.1	0.0
65°	212.0	108.2	49.6	0.0
62.5°	248.0	117.2	54.1	0.0
60°	279.6	126.3	58.6	0.0
57.5°	311.2	148.8	63.1	0.0
55°	338.2	166.9	67.6	0.0
52.5°	369.8	184.9	72.2	0.0
50°	396.8	202.9	76.7	0.0
47.5°	419.4	221.0	76.7	0.0
45°	437.4	234.5	81.2	0.0
42.5°	451.0	248.0	85.7	0.0
40°	464.5	261.6	90.2	0.0
37.5°	478.0	275.1	90.2	0.0
35°	491.5	288.6	94.7	0.0
32.5°	505.1	302.1	94.7	0.0
30°	514.1	311.2	99.2	0.0
27.5°	527.6	320.2	99.2	0.0
25°	532.1	329.2	103.7	0.0
22.5°	541.2	333.7	103.7	0.0
20°	550.2	342.7	103.7	0.0
17.5°	554.7	347.2	108.2	0.0
15°	554.7	351.7	112.7	0.0
12.5°	559.2	356.3	112.7	0.0
10°	559.2	365.3	108.2	0.0
7.5°	568.2	360.8	108.2	0.0
5°	563.7	360.8	108.2	0.0
2.5°	559.2	356.3	108.2	0.0
0°	554.7	356.3	108.2	0.0
-2.5°	554.7	356.3	108.2	0.0
-5°	554.7	356.3	108.2	0.0
-7.5°	550.2	360.8	108.2	0.0
-10°	541.2	360.8	108.2	0.0
-12.5°	536.6	347.2	108.2	0.0
-15°	532.1	342.7	108.2	0.0
-17.5°	523.1	338.2	103.7	0.0
-20°	514.1	333.7	103.7	0.0



REPORT NUMBER: P722030

CATALOG NUMBER: IFLD-S-SA6D-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	505.1	324.7	103.7	0.0
-25°	496.1	315.7	99.2	0.0
-27.5°	487.0	306.7	99.2	0.0
-30°	473.5	297.6	94.7	0.0
-32.5°	460.0	288.6	94.7	0.0
-35°	451.0	275.1	90.2	0.0
-37.5°	437.4	261.6	90.2	0.0
-40°	423.9	248.0	85.7	0.0
-42.5°	410.4	234.5	81.2	0.0
-45°	392.3	221.0	81.2	0.0
-47.5°	378.8	207.4	76.7	0.0
-50°	356.3	189.4	72.2	0.0
-52.5°	329.2	171.4	67.6	0.0
-55°	302.1	157.8	63.1	0.0
-57.5°	275.1	139.8	63.1	0.0
-60°	248.0	121.8	58.6	0.0
-62.5°	221.0	112.7	54.1	0.0
-65°	193.9	103.7	49.6	0.0
-67.5°	162.3	90.2	45.1	0.0
-70°	135.3	81.2	40.6	0.0
-72.5°	117.2	72.2	36.1	0.0
-75°	99.2	63.1	31.6	0.0
-77.5°	85.7	54.1	27.1	0.0
-80°	67.6	40.6	18.0	0.0
-82.5°	49.6	31.6	13.5	0.0
-85°	31.6	22.5	9.0	0.0
-87.5°	18.0	9.0	4.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)