

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: P722031

Luminaire Tested: **IFLD-S-SA6E-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722031  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-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**

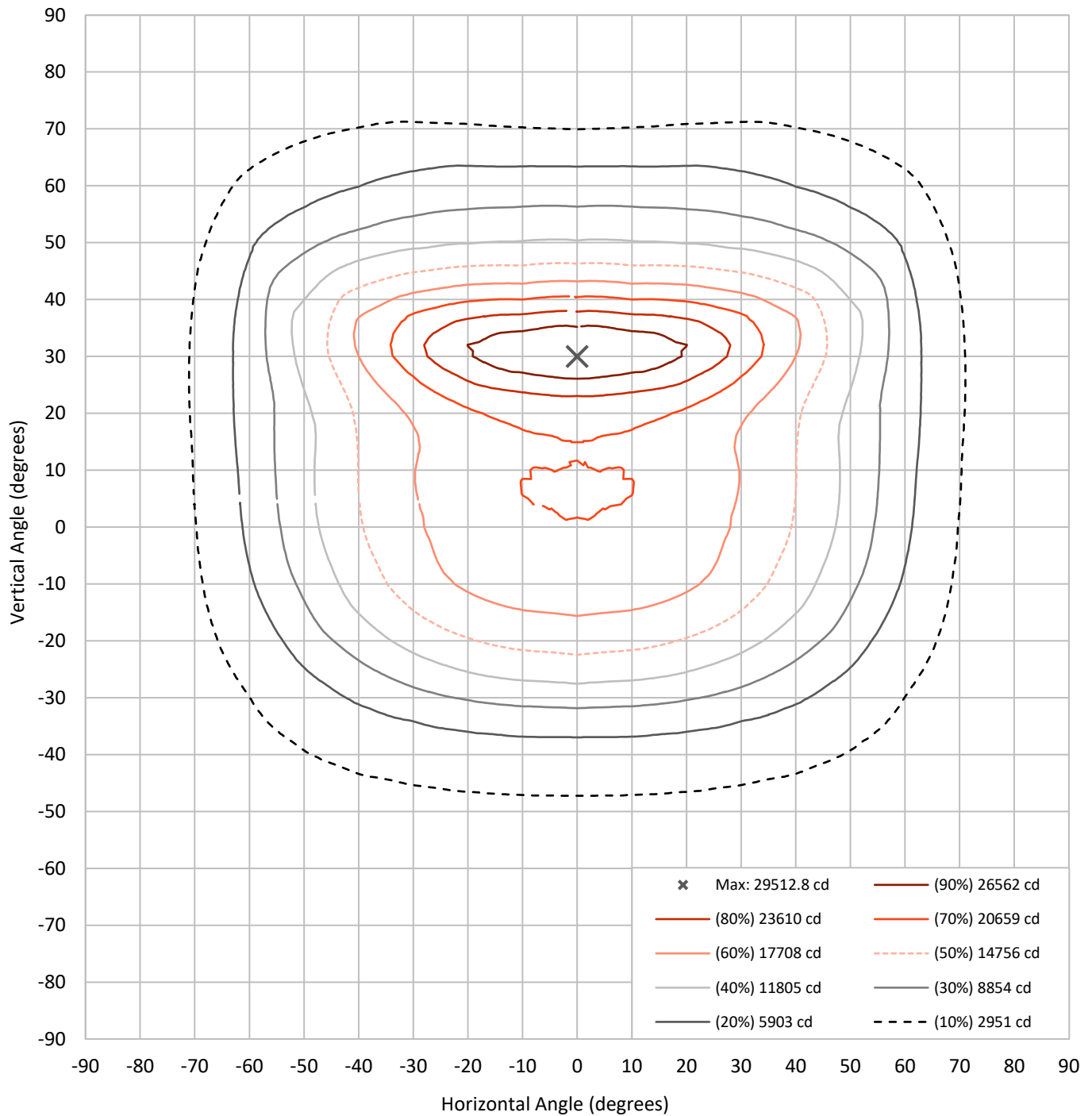
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	49264.2 lumens	Max Intensity:	29512.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	28647.7 lumens	Field Lumens:	46167 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2  
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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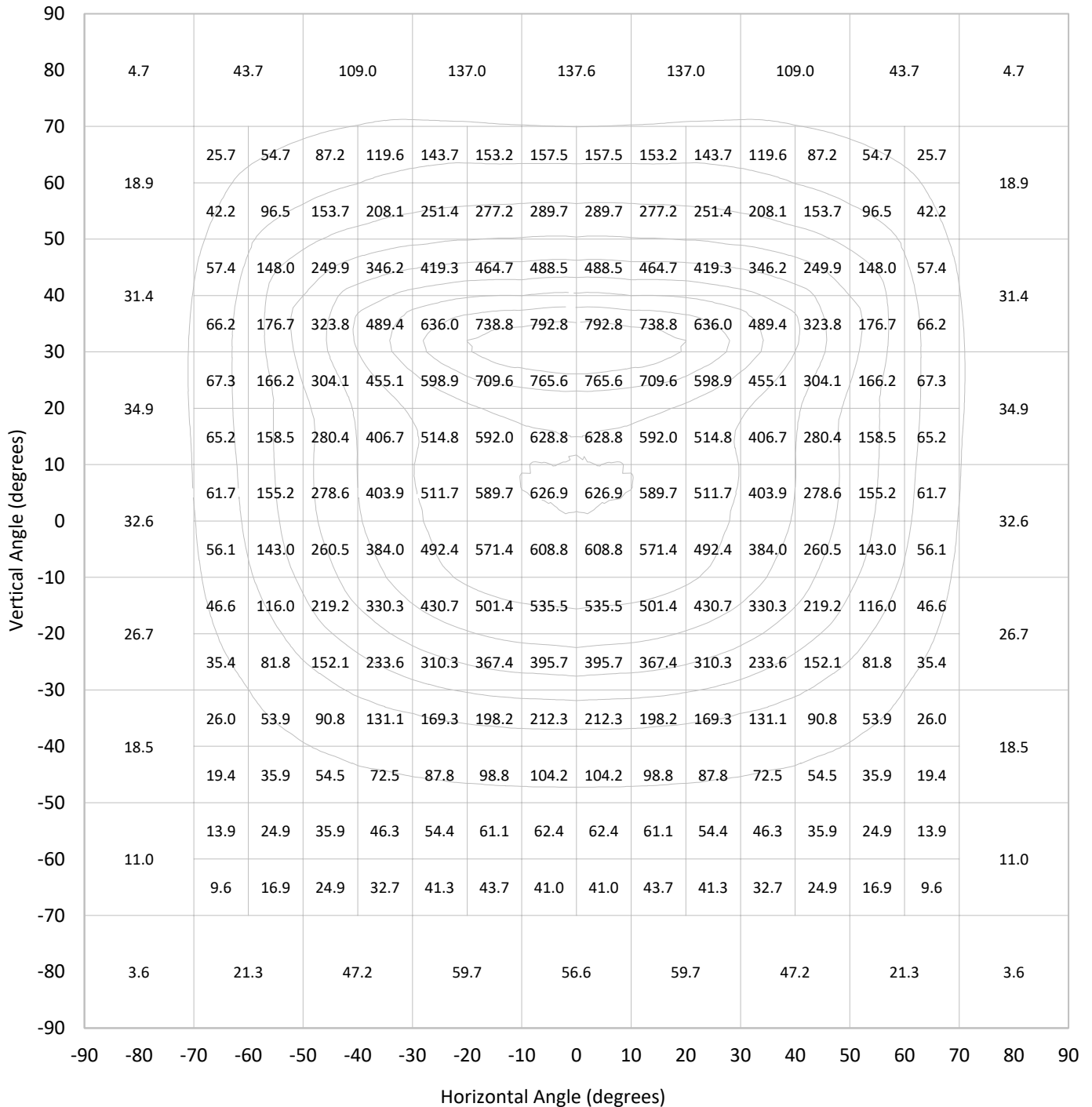
### Iso-Candela Plot





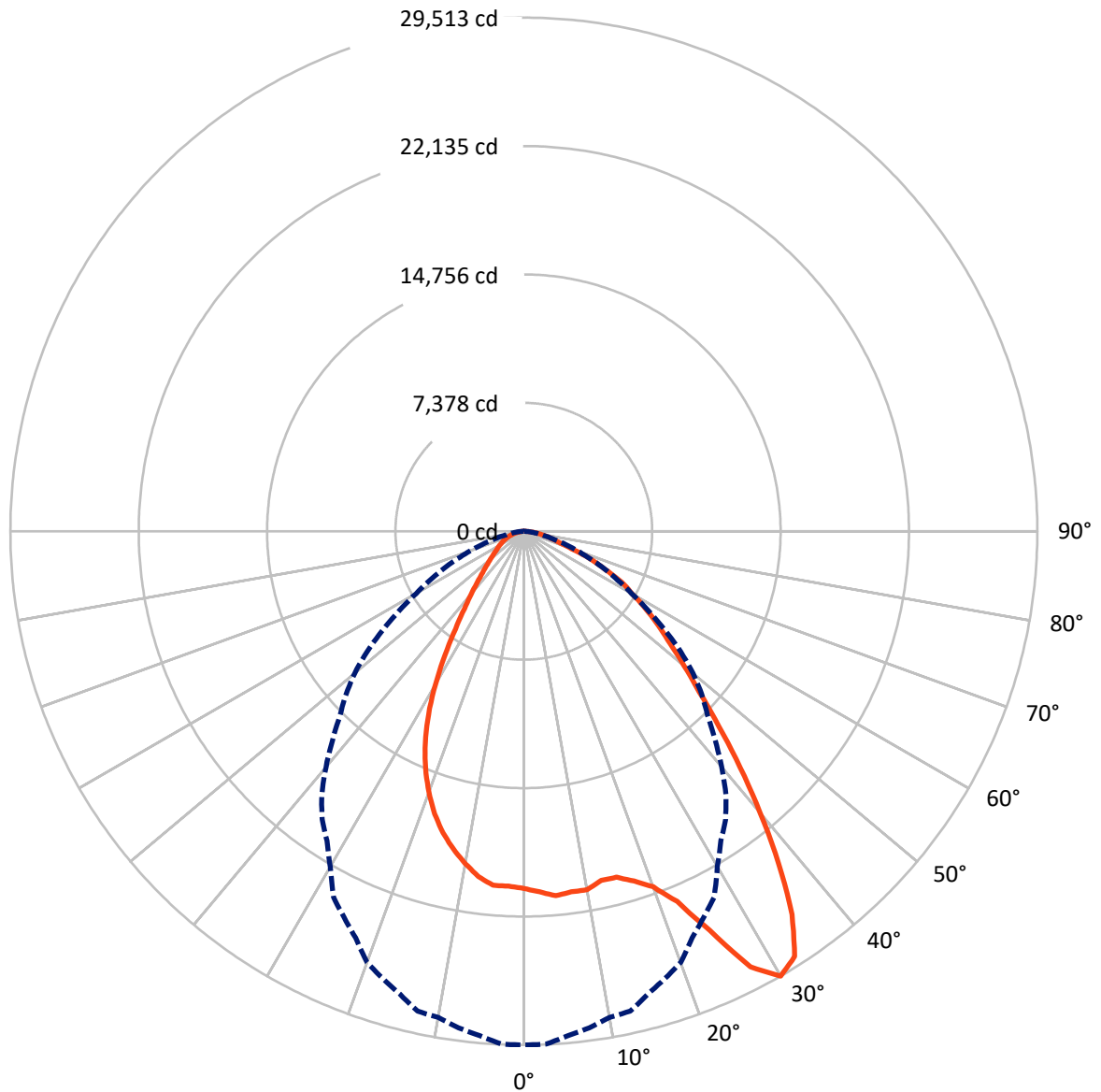
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### Lumen Table



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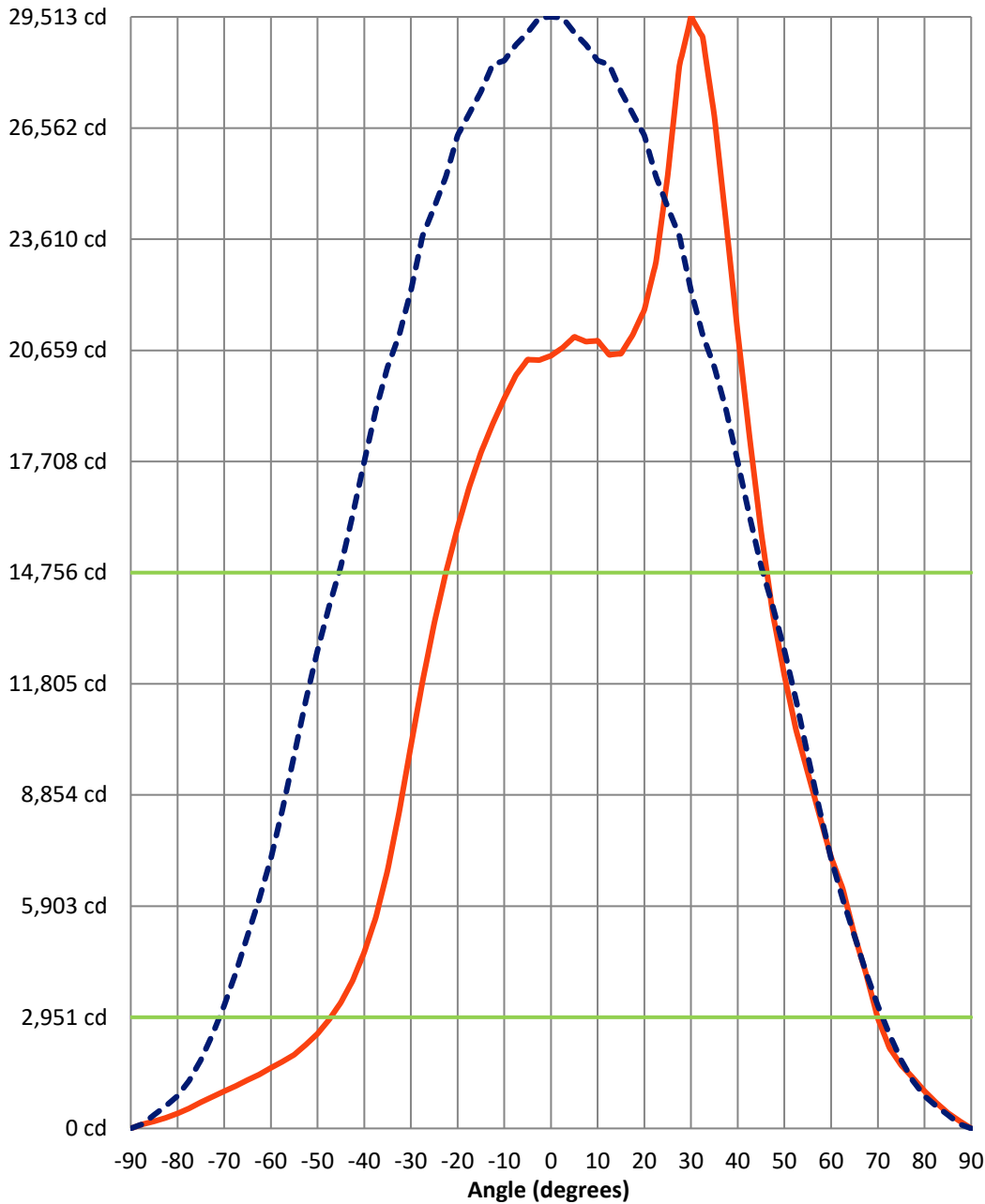
### Luminous Intensity Polar Plot



— 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: 28647.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 46167  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 3097.3  
 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°	198.3	203.5	208.8	208.8	203.5	203.5	203.5	198.3	203.5	203.5	203.5
85°	412.3	422.7	433.2	427.9	422.7	412.3	401.9	407.1	412.3	417.5	417.5
82.5°	683.7	699.3	709.8	704.5	694.1	683.7	673.2	678.5	688.9	694.1	694.1
80°	991.6	996.8	1002.0	1012.5	996.8	996.8	991.6	1012.5	1022.9	1033.3	1043.8
77.5°	1346.5	1351.7	1351.7	1356.9	1362.1	1367.3	1367.3	1403.9	1430.0	1445.6	1461.3
75°	1680.5	1696.1	1711.8	1727.5	1748.3	1758.8	1774.4	1826.6	1868.4	1899.7	1931.0
72.5°	2139.7	2160.6	2186.7	2223.2	2259.8	2285.9	2322.4	2385.0	2432.0	2463.3	2499.8
70°	2927.8	2948.7	2974.8	3000.9	3037.4	3063.5	3100.0	3178.3	3225.3	3246.1	3267.0
67.5°	4096.8	4149.0	4196.0	4143.8	4117.7	4081.2	4091.6	4164.7	4211.6	4243.0	4237.7
65°	5135.4	5171.9	5171.9	5166.7	5145.8	5098.8	5124.9	5213.7	5265.9	5291.9	5213.7
62.5°	6356.6	6356.6	6330.5	6372.3	6377.5	6346.2	6330.5	6335.7	6340.9	6356.6	6226.1
60°	7202.1	7254.2	7269.9	7306.4	7316.9	7316.9	7343.0	7363.8	7363.8	7332.5	7181.2
57.5°	8318.9	8418.1	8438.9	8412.8	8360.7	8292.8	8282.4	8251.1	8188.4	8125.8	8052.7
55°	9446.2	9498.4	9493.1	9477.5	9425.3	9347.0	9357.5	9315.7	9216.5	9138.3	9039.1
52.5°	10578.7	10703.9	10724.8	10693.5	10620.4	10536.9	10542.1	10495.2	10396.0	10312.5	10176.8
50°	12024.3	12128.7	12118.2	12066.1	11961.7	11899.1	11904.3	11815.6	11700.7	11674.6	11497.2
47.5°	13678.7	13798.7	13777.9	13704.8	13563.9	13537.8	13563.9	13449.1	13381.2	13323.8	13115.1
45°	15849.7	15990.7	15912.4	15771.5	15547.1	15573.1	15609.7	15588.8	15442.7	15291.3	15025.2
42.5°	18396.6	18485.3	18391.3	18250.4	17968.6	18020.8	17999.9	17874.7	17786.0	17535.4	17196.2
40°	21120.8	21313.9	21167.8	20948.6	20656.3	20734.6	20677.2	20515.4	20306.7	19993.5	19565.6
37.5°	24059.1	24210.4	24043.4	23787.7	23526.7	23500.6	23385.8	23135.3	22837.8	22493.4	21809.7
35°	26872.0	27263.4	26955.5	26548.5	26230.1	26110.1	26000.5	25421.2	25082.0	24523.5	23589.4
32.5°	28964.8	29251.8	28870.9	28448.1	28061.9	27894.9	27508.7	26819.8	26637.2	25462.9	24607.0
30°	29512.8	29491.9	29095.3	28771.7	28354.2	28239.4	27529.6	26945.1	26360.6	25275.1	24460.9
27.5°	28208.1	28077.6	27696.6	27414.8	27002.5	26866.8	26167.5	25854.3	24951.5	24033.0	23344.1
25°	25301.1	25369.0	25082.0	24941.0	24669.7	24377.4	24100.8	23678.1	23114.4	22310.7	21679.2
22.5°	23010.1	23098.8	22978.7	22811.7	22603.0	22441.2	22232.4	21903.7	21360.9	20865.1	20270.1
20°	21736.6	21710.6	21606.2	21480.9	21282.6	21167.8	20938.2	20661.6	20244.0	19816.1	19174.2
17.5°	21068.6	20906.8	20807.7	20760.7	20656.3	20510.2	20238.8	19957.0	19633.4	19148.1	18678.4
15°	20572.8	20598.9	20520.6	20484.1	20400.6	20197.1	19920.5	19690.8	19252.5	19007.2	18579.2
12.5°	20541.5	20515.4	20520.6	20505.0	20400.6	20139.7	19998.8	19706.5	19424.7	19101.1	18610.5
10°	20912.1	20635.5	20656.3	20729.4	20562.4	20353.6	20202.3	19883.9	19617.8	19205.5	18720.1
7.5°	20891.2	20750.3	20792.0	20672.0	20724.2	20468.5	20259.7	19941.4	19607.3	19169.0	18730.6
5°	21016.4	20802.5	20765.9	20776.4	20645.9	20452.8	20171.0	19868.3	19555.2	19064.6	18615.8
2.5°	20729.4	20760.7	20593.7	20531.1	20515.4	20191.9	19930.9	19638.7	19315.1	18881.9	18480.1
0°	20515.4	20572.8	20400.6	20311.9	20306.7	20030.1	19863.1	19529.1	19299.4	18939.3	18454.0
-2.5°	20400.6	20468.5	20489.3	20327.6	20171.0	19957.0	19675.2	19315.1	18939.3	18521.8	18104.3
-5°	20411.1	20275.4	20218.0	20270.1	20134.5	19920.5	19607.3	19289.0	18918.5	18469.6	17947.7
-7.5°	19998.8	19863.1	19852.6	19826.5	19795.2	19591.7	19330.7	18986.3	18610.5	18193.0	17707.7
-10°	19382.9	19283.8	19257.7	19231.6	19148.1	19028.0	18782.8	18469.6	18130.4	17712.9	17196.2
-12.5°	18699.3	18652.3	18553.1	18485.3	18401.8	18260.9	18026.0	17739.0	17399.8	17029.2	16585.6
-15°	17942.5	17853.8	17754.6	17697.2	17577.2	17410.2	17175.3	16909.2	16538.6	16173.3	15755.8
-17.5°	17029.2	16919.6	16810.0	16794.4	16710.9	16455.1	16235.9	15912.4	15588.8	15239.1	14832.1
-20°	15954.1	15802.8	15729.7	15688.0	15573.1	15385.3	15150.4	14852.9	14539.8	14205.8	13736.1



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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°	14764.2	14633.7	14508.5	14430.2	14331.1	14184.9	13960.5	13699.6	13391.7	13015.9	12582.7
-25°	13412.5	13229.9	13151.6	13062.9	13010.7	12875.0	12655.8	12415.7	12097.4	11732.1	11319.8
-27.5°	11867.7	11721.6	11679.9	11554.6	11492.0	11351.1	11168.4	10944.0	10651.7	10307.3	9968.1
-30°	10161.2	10072.4	10004.6	9879.3	9832.4	9681.0	9561.0	9373.1	9107.0	8861.7	8590.3
-32.5°	8407.6	8318.9	8298.0	8240.6	8209.3	8110.1	7974.5	7838.8	7624.8	7442.1	7222.9
-35°	6852.4	6789.8	6795.0	6789.8	6758.5	6685.4	6518.4	6481.9	6325.3	6158.3	6017.4
-37.5°	5610.3	5615.5	5610.3	5605.1	5563.3	5532.0	5412.0	5365.0	5271.1	5109.3	5025.8
-40°	4676.1	4686.6	4681.3	4670.9	4623.9	4608.3	4530.0	4467.4	4430.8	4316.0	4227.3
-42.5°	3919.4	3935.0	3929.8	3924.6	3893.3	3888.1	3846.3	3773.3	3752.4	3684.5	3590.6
-45°	3345.3	3340.1	3329.6	3340.1	3324.4	3308.8	3282.7	3235.7	3209.6	3178.3	3100.0
-47.5°	2891.3	2896.5	2886.0	2886.0	2865.2	2849.5	2839.1	2807.8	2786.9	2760.8	2713.8
-50°	2515.5	2536.4	2531.2	2525.9	2510.3	2499.8	2499.8	2468.5	2437.2	2426.8	2395.5
-52.5°	2223.2	2238.9	2244.1	2254.6	2259.8	2265.0	2249.3	2218.0	2165.8	2160.6	2145.0
-55°	1957.1	2004.1	2035.4	2056.2	2077.1	2092.8	2061.5	2019.7	1967.5	1946.6	1941.4
-57.5°	1774.4	1821.4	1857.9	1889.2	1915.3	1941.4	1910.1	1868.4	1821.4	1795.3	1790.1
-60°	1607.4	1649.2	1685.7	1727.5	1764.0	1805.7	1790.1	1758.8	1732.7	1711.8	1690.9
-62.5°	1430.0	1471.7	1513.5	1565.7	1612.6	1654.4	1659.6	1654.4	1649.2	1654.4	1617.9
-65°	1283.8	1304.7	1330.8	1388.2	1440.4	1487.4	1513.5	1529.1	1555.2	1581.3	1544.8
-67.5°	1127.3	1153.4	1184.7	1226.4	1268.2	1299.5	1336.0	1377.8	1419.5	1461.3	1435.2
-70°	986.4	1007.2	1033.3	1054.2	1080.3	1101.2	1132.5	1179.5	1226.4	1268.2	1257.8
-72.5°	840.2	861.1	876.8	887.2	902.9	913.3	929.0	970.7	1002.0	1022.9	1022.9
-75°	694.1	715.0	730.6	735.9	746.3	751.5	762.0	777.6	793.3	798.5	803.7
-77.5°	532.3	553.2	568.9	579.3	589.7	600.2	605.4	615.8	621.0	621.0	626.3
-80°	396.6	412.3	422.7	438.4	443.6	454.0	464.5	469.7	474.9	474.9	480.1
-82.5°	281.8	292.3	302.7	313.1	323.6	328.8	339.2	344.4	349.7	354.9	360.1
-85°	187.9	198.3	208.8	219.2	224.4	229.6	234.8	240.1	245.3	250.5	255.7
-87.5°	109.6	114.8	120.0	130.5	135.7	146.1	151.3	146.1	151.3	151.3	151.3
-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°	203.5	203.5	203.5	203.5	198.3	187.9	182.7	172.2	161.8	151.3	140.9
85°	422.7	427.9	427.9	427.9	417.5	412.3	396.6	381.0	360.1	328.8	302.7
82.5°	704.5	709.8	709.8	704.5	694.1	678.5	657.6	631.5	589.7	548.0	511.5
80°	1059.4	1064.7	1064.7	1059.4	1033.3	1007.2	981.2	949.8	897.6	840.2	777.6
77.5°	1482.2	1492.6	1492.6	1476.9	1440.4	1409.1	1367.3	1315.2	1236.9	1153.4	1069.9
75°	1972.7	1998.8	2004.1	1988.4	1941.4	1884.0	1816.2	1727.5	1607.4	1503.0	1403.9
72.5°	2541.6	2567.7	2588.6	2567.7	2499.8	2421.6	2322.4	2218.0	2098.0	1957.1	1790.1
70°	3287.9	3314.0	3329.6	3261.8	3141.8	3011.3	2891.3	2771.2	2630.3	2458.1	2275.4
67.5°	4227.3	4201.2	4169.9	4034.2	3882.8	3726.3	3559.3	3381.8	3199.2	3016.5	2802.5
65°	5130.2	5057.1	4989.3	4827.5	4634.4	4430.8	4237.7	4039.4	3820.2	3590.6	3387.1
62.5°	6080.0	5923.4	5756.4	5558.1	5359.8	5135.4	4942.3	4707.4	4462.1	4180.3	3919.4
60°	7014.2	6826.3	6659.3	6414.0	6153.1	5850.4	5641.6	5412.0	5124.9	4822.2	4514.3
57.5°	7917.0	7713.5	7530.8	7316.9	7035.1	6706.3	6476.6	6179.2	5876.5	5495.5	5182.4
55°	8877.3	8673.8	8527.7	8287.6	7979.7	7677.0	7426.5	7113.3	6690.6	6283.5	5897.3
52.5°	9978.5	9816.7	9660.2	9414.9	9044.3	8736.4	8459.8	8110.1	7666.5	7165.5	6701.0
50°	11210.2	11126.7	10959.7	10672.6	10249.9	9978.5	9613.2	9148.7	8673.8	8146.7	7567.4
47.5°	12843.7	12708.0	12473.1	12160.0	11805.1	11398.0	10907.5	10364.7	9691.5	9107.0	8491.1
45°	14795.5	14545.0	14242.3	13819.6	13381.2	12922.0	12384.4	11695.5	10792.7	10030.7	9383.6
42.5°	16909.2	16570.0	16157.7	15604.5	15035.6	14472.0	13892.7	12953.3	11826.0	10949.2	10218.6
40°	19116.8	18683.6	18166.9	17363.2	16731.7	16006.3	15343.5	13939.6	12739.3	11789.5	11011.8
37.5°	21277.4	20729.4	19863.1	18887.1	18151.3	17556.3	16100.3	14597.2	13522.1	12478.4	11690.3
35°	22931.8	22467.3	20938.2	19925.7	19294.2	18354.8	16533.4	14993.9	13856.1	12989.8	11763.4
32.5°	23912.9	22712.6	21371.3	20348.4	19826.5	18287.0	16564.7	15108.7	14012.7	13042.0	11575.5
30°	23693.7	22242.9	21068.6	20212.7	19080.2	17697.2	16272.5	14931.2	13866.6	12692.3	11366.7
27.5°	22373.4	21251.3	20202.3	19309.9	18198.2	16956.2	15641.0	14461.5	13469.9	12332.2	11079.7
25°	20880.8	19863.1	19085.5	18307.8	17253.6	16068.9	14910.4	14059.7	13062.9	11940.8	10703.9
22.5°	19508.2	18777.5	18166.9	17352.8	16324.7	15291.3	14571.1	13689.1	12666.2	11528.5	10317.7
20°	18631.4	18135.6	17436.3	16538.6	15729.7	15082.6	14284.1	13349.9	12295.7	11105.8	9988.9
17.5°	18208.7	17634.6	16857.0	16272.5	15651.4	14941.7	14049.2	13057.6	11935.6	10912.7	10025.5
15°	17989.5	17384.1	16872.7	16298.6	15599.2	14852.9	13861.4	12833.2	11935.6	10991.0	10051.6
12.5°	18036.5	17514.6	16956.2	16329.9	15578.4	14779.9	13882.2	12927.2	11998.2	11048.4	10056.8
10°	18182.6	17634.6	17039.7	16345.5	15588.8	14800.8	13939.6	12984.6	12029.5	11074.5	10046.4
7.5°	18234.8	17639.8	17003.1	16303.8	15562.7	14790.3	13950.1	13000.2	12034.7	11069.3	10015.0
5°	18073.0	17535.4	16919.6	16215.1	15489.6	14738.1	13908.3	12979.4	11993.0	11017.1	9936.8
2.5°	17853.8	17420.6	16830.9	16152.4	15416.6	14665.1	13840.5	12885.4	11899.1	10923.1	9837.6
0°	17817.3	17279.7	16684.8	16079.4	15296.5	14503.3	13683.9	12708.0	11726.8	10745.7	9665.4
-2.5°	17577.2	17008.3	16413.4	15755.8	15066.9	14268.4	13407.3	12452.3	11481.5	10516.1	9477.5
-5°	17394.5	16763.1	16131.6	15421.8	14727.7	13929.2	13036.8	12107.8	11158.0	10218.6	9216.5
-7.5°	17149.3	16502.1	15839.3	15098.2	14346.7	13532.6	12650.6	11721.6	10787.4	9853.3	8893.0
-10°	16653.5	16084.6	15463.6	14696.4	13903.1	13089.0	12212.2	11298.9	10364.7	9420.1	8454.6
-12.5°	16053.3	15453.1	14774.7	14070.1	13360.3	12603.6	11726.8	10829.2	9889.8	8939.9	7979.7
-15°	15275.7	14685.9	13991.8	13302.9	12619.3	11893.8	11121.4	10312.5	9357.5	8423.3	7463.0
-17.5°	14305.0	13751.8	13130.7	12473.1	11794.7	11064.0	10312.5	9628.8	8736.4	7859.6	6909.8
-20°	13261.2	12744.5	12186.1	11565.0	10886.6	10171.6	9461.8	8746.8	7974.5	7202.1	6320.1



REPORT NUMBER: P722031  
 CATALOG NUMBER: IFLD-S-SA6E-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°	12175.7	11653.8	11090.1	10510.8	9884.6	9221.8	8564.2	7880.5	7202.1	6502.7	5756.4
-25°	10923.1	10463.9	9947.2	9383.6	8825.1	8245.8	7619.6	6998.5	6419.2	5813.8	5203.2
-27.5°	9613.2	9190.5	8720.8	8230.2	7750.0	7264.7	6721.9	6147.8	5667.7	5166.7	4660.5
-30°	8235.4	7896.2	7515.2	7087.2	6716.7	6325.3	5871.2	5396.3	4957.9	4577.0	4169.9
-32.5°	6930.7	6643.6	6372.3	6090.4	5725.1	5422.4	5109.3	4759.6	4373.4	4013.3	3721.1
-35°	5808.6	5500.7	5385.9	5177.1	4916.2	4650.0	4420.4	4169.9	3877.6	3559.3	3319.2
-37.5°	4864.0	4681.3	4519.6	4404.7	4232.5	4018.5	3835.9	3653.2	3428.8	3188.7	2948.7
-40°	4128.1	4002.9	3825.4	3768.0	3658.4	3512.3	3324.4	3183.5	3032.2	2849.5	2646.0
-42.5°	3538.4	3444.5	3329.6	3230.5	3183.5	3079.1	2933.0	2797.3	2677.3	2552.0	2395.5
-45°	3053.0	2990.4	2917.4	2828.6	2792.1	2708.6	2604.2	2452.9	2385.0	2280.7	2165.8
-47.5°	2661.6	2630.3	2578.1	2520.7	2468.5	2405.9	2312.0	2218.0	2124.1	2056.2	1967.5
-50°	2353.7	2332.8	2301.5	2254.6	2186.7	2145.0	2082.3	1998.8	1910.1	1852.7	1790.1
-52.5°	2108.4	2087.6	2066.7	2030.1	1978.0	1936.2	1884.0	1816.2	1743.1	1685.7	1633.5
-55°	1920.5	1889.2	1873.6	1842.3	1800.5	1753.5	1706.6	1659.6	1597.0	1544.8	1492.6
-57.5°	1774.4	1732.7	1711.8	1685.7	1643.9	1597.0	1560.4	1513.5	1471.7	1414.3	1367.3
-60°	1659.6	1612.6	1570.9	1544.8	1508.3	1461.3	1424.8	1388.2	1346.5	1299.5	1242.1
-62.5°	1565.7	1508.3	1450.8	1419.5	1383.0	1341.3	1304.7	1268.2	1226.4	1179.5	1127.3
-65°	1476.9	1409.1	1336.0	1304.7	1268.2	1226.4	1179.5	1153.4	1116.8	1075.1	1022.9
-67.5°	1367.3	1294.3	1231.7	1195.1	1158.6	1122.1	1080.3	1054.2	1017.7	965.5	913.3
-70°	1205.6	1158.6	1116.8	1085.5	1054.2	1022.9	981.2	939.4	897.6	850.7	803.7
-72.5°	1002.0	986.4	981.2	965.5	929.0	892.4	850.7	808.9	772.4	735.9	699.3
-75°	808.9	819.4	829.8	824.6	788.1	751.5	715.0	678.5	652.4	621.0	589.7
-77.5°	641.9	652.4	662.8	662.8	636.7	615.8	589.7	563.6	542.8	516.7	485.4
-80°	495.8	511.5	527.1	537.5	516.7	501.0	480.1	459.3	438.4	417.5	396.6
-82.5°	375.8	391.4	407.1	417.5	401.9	391.4	375.8	360.1	344.4	323.6	307.9
-85°	271.4	281.8	292.3	297.5	287.0	276.6	266.2	255.7	245.3	229.6	219.2
-87.5°	156.6	161.8	167.0	172.2	161.8	151.3	146.1	135.7	130.5	120.0	114.8
-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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 CATALOG NUMBER: IFLD-S-SA6E-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°	130.5	120.0	109.6	104.4	93.9	78.3	67.8	57.4	47.0	36.5	31.3
85°	276.6	250.5	219.2	203.5	182.7	161.8	140.9	120.0	99.2	78.3	57.4
82.5°	474.9	443.6	412.3	375.8	328.8	271.4	214.0	177.4	146.1	114.8	88.7
80°	715.0	657.6	605.4	558.4	506.2	433.2	354.9	281.8	198.3	151.3	114.8
77.5°	991.6	923.7	850.7	772.4	688.9	589.7	501.0	407.1	307.9	208.8	146.1
75°	1304.7	1216.0	1116.8	1007.2	897.6	767.2	641.9	532.3	417.5	292.3	177.4
72.5°	1654.4	1544.8	1424.8	1278.6	1106.4	955.1	803.7	657.6	521.9	370.5	240.1
70°	2103.2	1931.0	1753.5	1597.0	1377.8	1137.7	960.3	793.3	621.0	454.0	302.7
67.5°	2583.3	2374.6	2160.6	1931.0	1654.4	1372.6	1116.8	929.0	725.4	532.3	360.1
65°	3105.2	2844.3	2572.9	2317.2	1936.2	1602.2	1315.2	1059.4	824.6	605.4	417.5
62.5°	3642.8	3334.9	3021.7	2687.7	2249.3	1837.0	1503.0	1205.6	918.5	673.2	469.7
60°	4216.9	3856.8	3475.8	3058.3	2546.8	2092.8	1680.5	1356.9	1017.7	741.1	527.1
57.5°	4822.2	4430.8	3982.0	3418.4	2854.7	2338.1	1884.0	1492.6	1106.4	803.7	568.9
55°	5479.8	5031.0	4540.4	3794.1	3157.4	2583.3	2087.6	1628.3	1200.3	855.9	610.6
52.5°	6189.6	5667.7	5046.7	4190.8	3475.8	2833.9	2275.4	1748.3	1289.1	913.3	647.1
50°	6982.9	6325.3	5490.3	4556.1	3752.4	3068.7	2463.3	1878.8	1362.1	975.9	678.5
47.5°	7807.4	7097.7	5886.9	4895.3	4034.2	3298.3	2656.4	1993.6	1435.2	1028.1	709.8
45°	8668.6	7635.2	6299.2	5198.0	4279.5	3507.1	2802.5	2098.0	1523.9	1075.1	735.9
42.5°	9519.2	8042.3	6659.3	5500.7	4509.1	3695.0	2922.6	2197.1	1597.0	1122.1	762.0
40°	9921.1	8350.2	6946.3	5709.5	4702.2	3862.0	3027.0	2285.9	1659.6	1153.4	788.1
37.5°	10088.1	8538.1	7134.2	5907.8	4853.6	3950.7	3115.7	2364.2	1711.8	1184.7	808.9
35°	10124.6	8605.9	7228.2	6043.5	4978.8	4034.2	3183.5	2421.6	1753.5	1216.0	829.8
32.5°	10056.8	8585.1	7254.2	6090.4	5057.1	4096.8	3230.5	2463.3	1784.9	1247.3	850.7
30°	9905.4	8475.5	7160.3	6085.2	5114.5	4133.4	3261.8	2494.6	1816.2	1268.2	861.1
27.5°	9660.2	8282.4	7040.3	6090.4	5145.8	4149.0	3277.5	2510.3	1837.0	1283.8	882.0
25°	9357.5	8021.4	7045.5	6080.0	5151.0	4154.2	3277.5	2510.3	1842.3	1289.1	897.6
22.5°	9007.8	8021.4	7045.5	6064.3	5119.7	4143.8	3261.8	2499.8	1842.3	1299.5	913.3
20°	9028.7	8026.6	7029.8	6033.0	5072.8	4112.5	3225.3	2473.8	1826.6	1315.2	923.7
17.5°	9044.3	8016.2	6998.5	5991.3	5010.1	4060.3	3178.3	2437.2	1826.6	1330.8	929.0
15°	9044.3	7984.9	6951.6	5928.7	4931.8	3987.2	3110.5	2405.9	1831.8	1336.0	939.4
12.5°	9028.7	7927.5	6878.5	5845.1	4837.9	3898.5	3068.7	2395.5	1831.8	1341.3	939.4
10°	8997.4	7849.2	6784.5	5740.8	4749.2	3867.2	3047.8	2374.6	1821.4	1341.3	939.4
7.5°	8939.9	7755.3	6706.3	5678.1	4697.0	3830.7	3016.5	2343.3	1805.7	1330.8	949.8
5°	8851.2	7703.1	6643.6	5605.1	4623.9	3804.6	2995.6	2317.2	1795.3	1330.8	939.4
2.5°	8736.4	7640.4	6570.6	5511.1	4540.4	3715.8	2927.8	2259.8	1758.8	1309.9	929.0
0°	8548.5	7515.2	6445.3	5380.7	4425.6	3627.1	2859.9	2202.4	1722.2	1289.1	918.5
-2.5°	8376.3	7348.2	6283.5	5245.0	4316.0	3548.8	2807.8	2171.1	1706.6	1283.8	913.3
-5°	8136.2	7118.6	6069.6	5067.5	4169.9	3470.6	2755.6	2134.5	1690.9	1273.4	913.3
-7.5°	7870.1	6878.5	5845.1	4884.9	4023.8	3334.9	2656.4	2077.1	1654.4	1252.5	908.1
-10°	7457.8	6518.4	5563.3	4676.1	3867.2	3214.8	2572.9	2024.9	1623.1	1231.7	887.2
-12.5°	7019.4	6121.8	5239.8	4420.4	3689.8	3089.6	2479.0	1967.5	1586.5	1210.8	876.8
-15°	6554.9	5714.7	4900.5	4154.2	3496.7	2938.2	2379.8	1904.9	1550.0	1184.7	861.1
-17.5°	6069.6	5286.7	4550.9	3882.8	3303.6	2781.7	2275.4	1847.5	1508.3	1158.6	845.5
-20°	5558.1	4848.3	4196.0	3606.2	3100.0	2625.1	2165.8	1779.6	1461.3	1127.3	824.6



REPORT NUMBER: P722031  
 CATALOG NUMBER: IFLD-S-SA6E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5051.9	4415.2	3830.7	3334.9	2891.3	2463.3	2056.2	1711.8	1409.1	1090.7	808.9
-25°	4603.1	4008.1	3507.1	3073.9	2687.7	2306.7	1941.4	1643.9	1351.7	1054.2	788.1
-27.5°	4164.7	3658.4	3188.7	2828.6	2489.4	2155.4	1831.8	1570.9	1294.3	1012.5	767.2
-30°	3757.6	3324.4	2938.2	2588.6	2301.5	2019.7	1737.9	1497.8	1231.7	970.7	741.1
-32.5°	3387.1	3037.4	2713.8	2379.8	2124.1	1884.0	1649.2	1424.8	1169.0	929.0	715.0
-35°	3042.6	2771.2	2489.4	2207.6	1946.6	1758.8	1555.2	1346.5	1111.6	882.0	688.9
-37.5°	2734.7	2515.5	2291.1	2051.0	1826.6	1638.7	1466.5	1268.2	1054.2	840.2	662.8
-40°	2468.5	2291.1	2092.8	1899.7	1711.8	1534.4	1377.8	1189.9	996.8	808.9	636.7
-42.5°	2223.2	2087.6	1925.8	1764.0	1597.0	1440.4	1289.1	1106.4	939.4	772.4	610.6
-45°	2035.4	1899.7	1769.2	1623.1	1482.2	1346.5	1195.1	1033.3	887.2	730.6	584.5
-47.5°	1857.9	1737.9	1617.9	1497.8	1383.0	1257.8	1106.4	970.7	829.8	694.1	563.6
-50°	1701.4	1586.5	1482.2	1377.8	1278.6	1158.6	1017.7	908.1	782.8	657.6	537.5
-52.5°	1555.2	1456.1	1351.7	1268.2	1184.7	1064.7	949.8	845.5	735.9	615.8	511.5
-55°	1424.8	1330.8	1236.9	1158.6	1080.3	975.9	882.0	793.3	688.9	584.5	485.4
-57.5°	1299.5	1221.2	1132.5	1059.4	981.2	897.6	819.4	735.9	641.9	553.2	459.3
-60°	1184.7	1111.6	1033.3	960.3	892.4	824.6	751.5	683.7	600.2	516.7	433.2
-62.5°	1069.9	1007.2	939.4	866.3	814.1	751.5	694.1	626.3	558.4	485.4	386.2
-65°	965.5	908.1	845.5	782.8	735.9	688.9	636.7	574.1	516.7	448.8	344.4
-67.5°	861.1	808.9	756.7	704.5	662.8	626.3	574.1	527.1	480.1	407.1	302.7
-70°	762.0	720.2	673.2	631.5	600.2	558.4	521.9	480.1	438.4	354.9	255.7
-72.5°	668.0	626.3	589.7	558.4	532.3	495.8	464.5	433.2	375.8	297.5	214.0
-75°	558.4	532.3	511.5	485.4	459.3	433.2	407.1	370.5	313.1	240.1	167.0
-77.5°	459.3	443.6	427.9	407.1	386.2	365.3	334.0	297.5	250.5	187.9	135.7
-80°	375.8	360.1	349.7	328.8	313.1	292.3	260.9	229.6	182.7	146.1	109.6
-82.5°	287.0	276.6	266.2	255.7	240.1	219.2	187.9	161.8	135.7	109.6	83.5
-85°	203.5	198.3	187.9	177.4	161.8	146.1	125.3	109.6	93.9	73.1	57.4
-87.5°	104.4	99.2	93.9	88.7	83.5	73.1	62.6	52.2	47.0	36.5	26.1
-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: P722031  
 CATALOG NUMBER: IFLD-S-SA6E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	20.9	15.7	5.2	0.0
85°	41.8	26.1	10.4	0.0
82.5°	62.6	41.8	15.7	0.0
80°	83.5	52.2	26.1	0.0
77.5°	104.4	62.6	31.3	0.0
75°	125.3	78.3	36.5	0.0
72.5°	140.9	88.7	41.8	0.0
70°	167.0	104.4	47.0	0.0
67.5°	208.8	114.8	52.2	0.0
65°	245.3	125.3	57.4	0.0
62.5°	287.0	135.7	62.6	0.0
60°	323.6	146.1	67.8	0.0
57.5°	360.1	172.2	73.1	0.0
55°	391.4	193.1	78.3	0.0
52.5°	427.9	214.0	83.5	0.0
50°	459.3	234.8	88.7	0.0
47.5°	485.4	255.7	88.7	0.0
45°	506.2	271.4	93.9	0.0
42.5°	521.9	287.0	99.2	0.0
40°	537.5	302.7	104.4	0.0
37.5°	553.2	318.4	104.4	0.0
35°	568.9	334.0	109.6	0.0
32.5°	584.5	349.7	109.6	0.0
30°	595.0	360.1	114.8	0.0
27.5°	610.6	370.5	114.8	0.0
25°	615.8	381.0	120.0	0.0
22.5°	626.3	386.2	120.0	0.0
20°	636.7	396.6	120.0	0.0
17.5°	641.9	401.9	125.3	0.0
15°	641.9	407.1	130.5	0.0
12.5°	647.1	412.3	130.5	0.0
10°	647.1	422.7	125.3	0.0
7.5°	657.6	417.5	125.3	0.0
5°	652.4	417.5	125.3	0.0
2.5°	647.1	412.3	125.3	0.0
0°	641.9	412.3	125.3	0.0
-2.5°	641.9	412.3	125.3	0.0
-5°	641.9	412.3	125.3	0.0
-7.5°	636.7	417.5	125.3	0.0
-10°	626.3	417.5	125.3	0.0
-12.5°	621.0	401.9	125.3	0.0
-15°	615.8	396.6	125.3	0.0
-17.5°	605.4	391.4	120.0	0.0
-20°	595.0	386.2	120.0	0.0



REPORT NUMBER: P722031

CATALOG NUMBER: IFLD-S-SA6E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	584.5	375.8	120.0	0.0
-25°	574.1	365.3	114.8	0.0
-27.5°	563.6	354.9	114.8	0.0
-30°	548.0	344.4	109.6	0.0
-32.5°	532.3	334.0	109.6	0.0
-35°	521.9	318.4	104.4	0.0
-37.5°	506.2	302.7	104.4	0.0
-40°	490.6	287.0	99.2	0.0
-42.5°	474.9	271.4	93.9	0.0
-45°	454.0	255.7	93.9	0.0
-47.5°	438.4	240.1	88.7	0.0
-50°	412.3	219.2	83.5	0.0
-52.5°	381.0	198.3	78.3	0.0
-55°	349.7	182.7	73.1	0.0
-57.5°	318.4	161.8	73.1	0.0
-60°	287.0	140.9	67.8	0.0
-62.5°	255.7	130.5	62.6	0.0
-65°	224.4	120.0	57.4	0.0
-67.5°	187.9	104.4	52.2	0.0
-70°	156.6	93.9	47.0	0.0
-72.5°	135.7	83.5	41.8	0.0
-75°	114.8	73.1	36.5	0.0
-77.5°	99.2	62.6	31.3	0.0
-80°	78.3	47.0	20.9	0.0
-82.5°	57.4	36.5	15.7	0.0
-85°	36.5	26.1	10.4	0.0
-87.5°	20.9	10.4	5.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)