

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: P722036

Luminaire Tested: **IFLD-M-SA4E-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722036  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4E-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

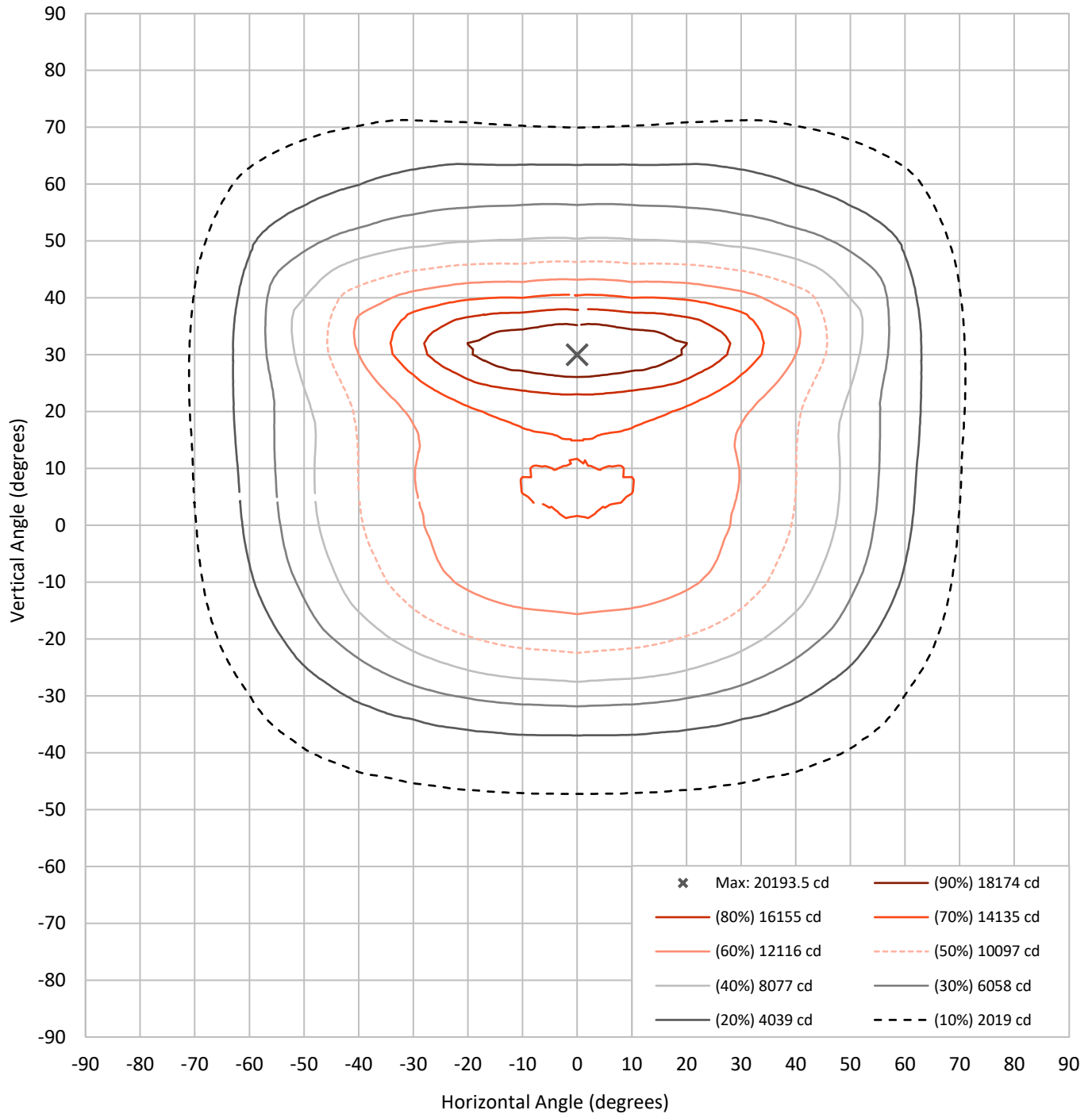
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33708 lumens	Max Intensity:	20193.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19601.6 lumens	Field Lumens:	31588.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 314.8  
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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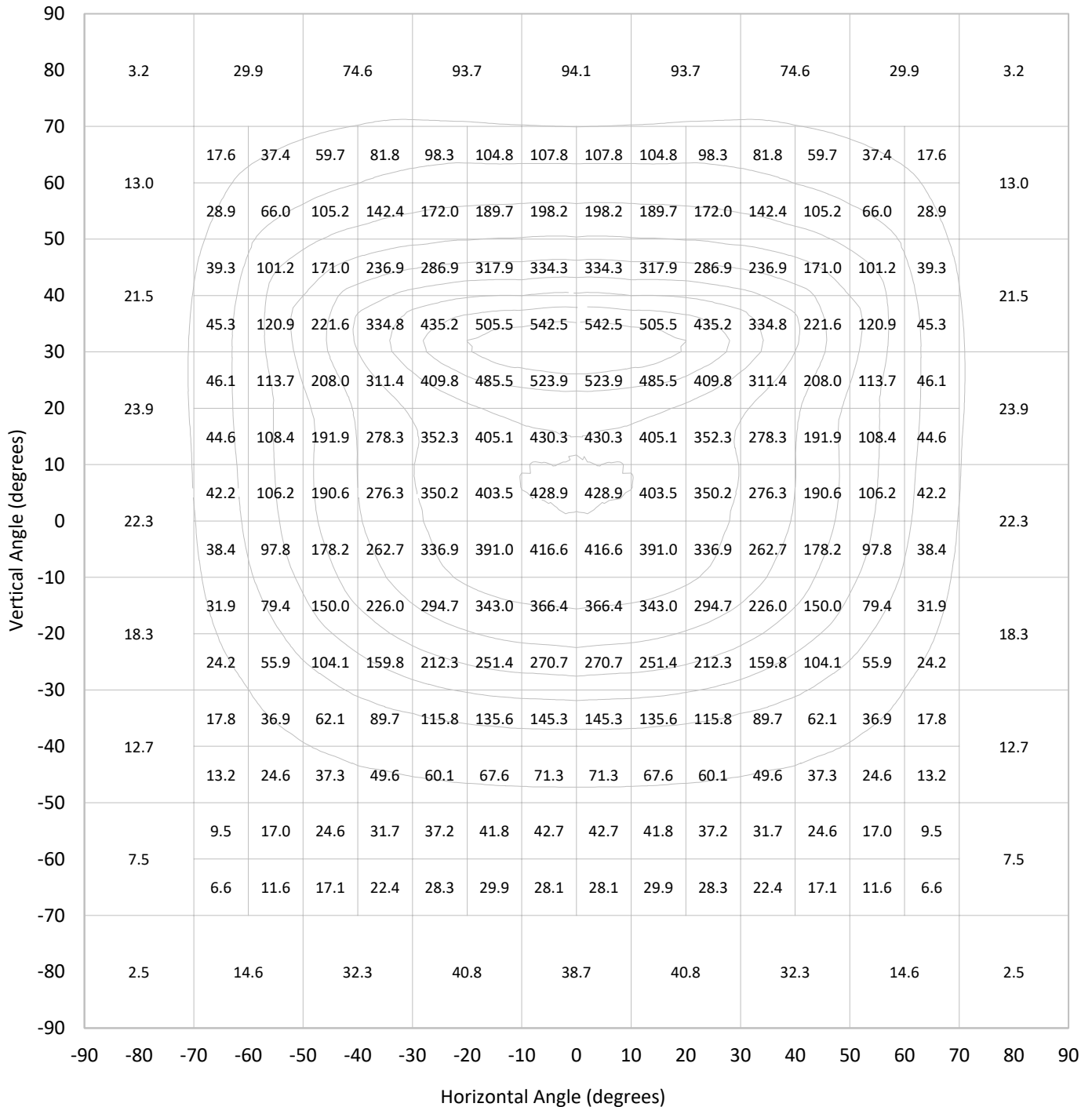
### Iso-Candela Plot





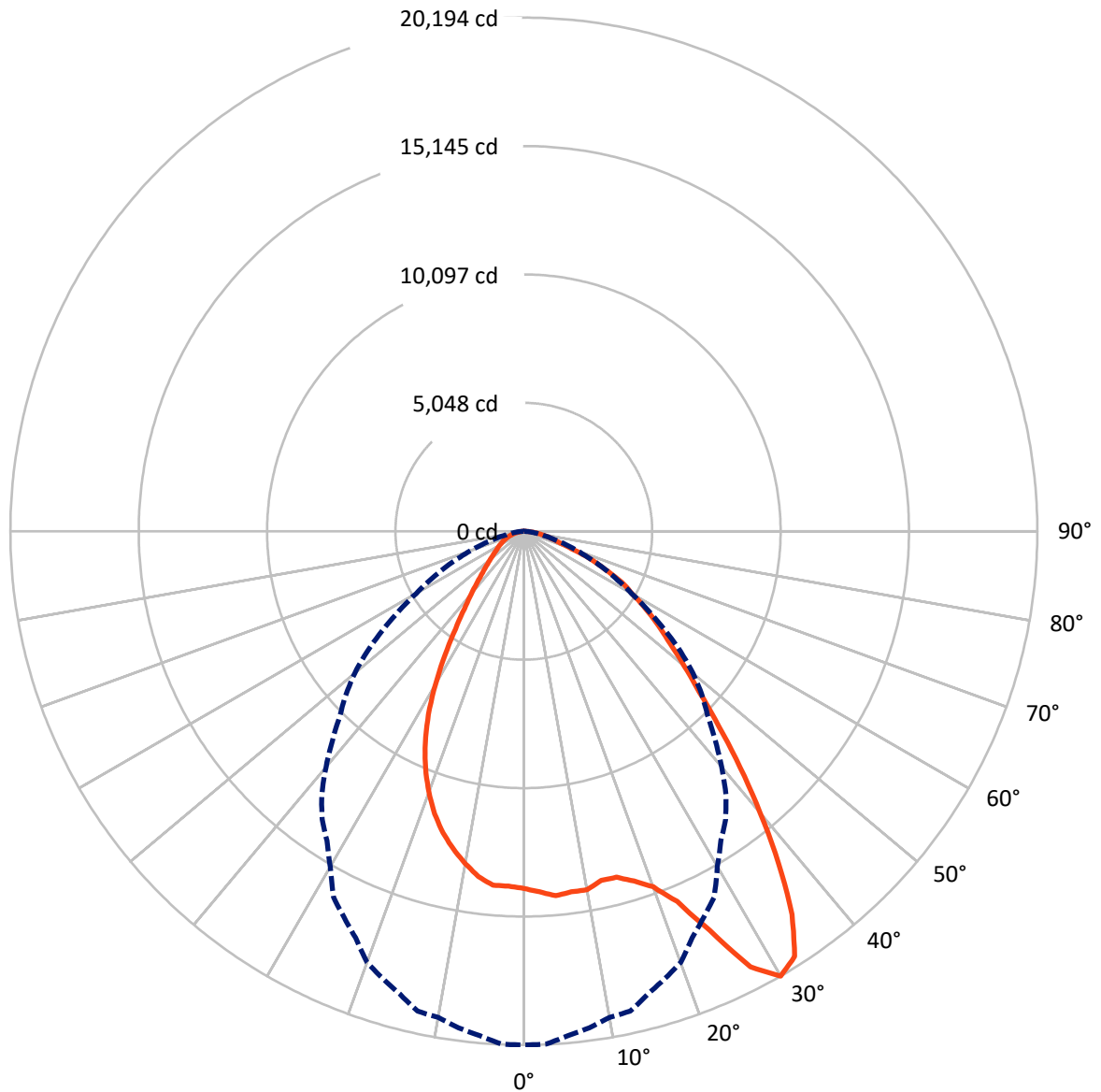
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### Lumen Table



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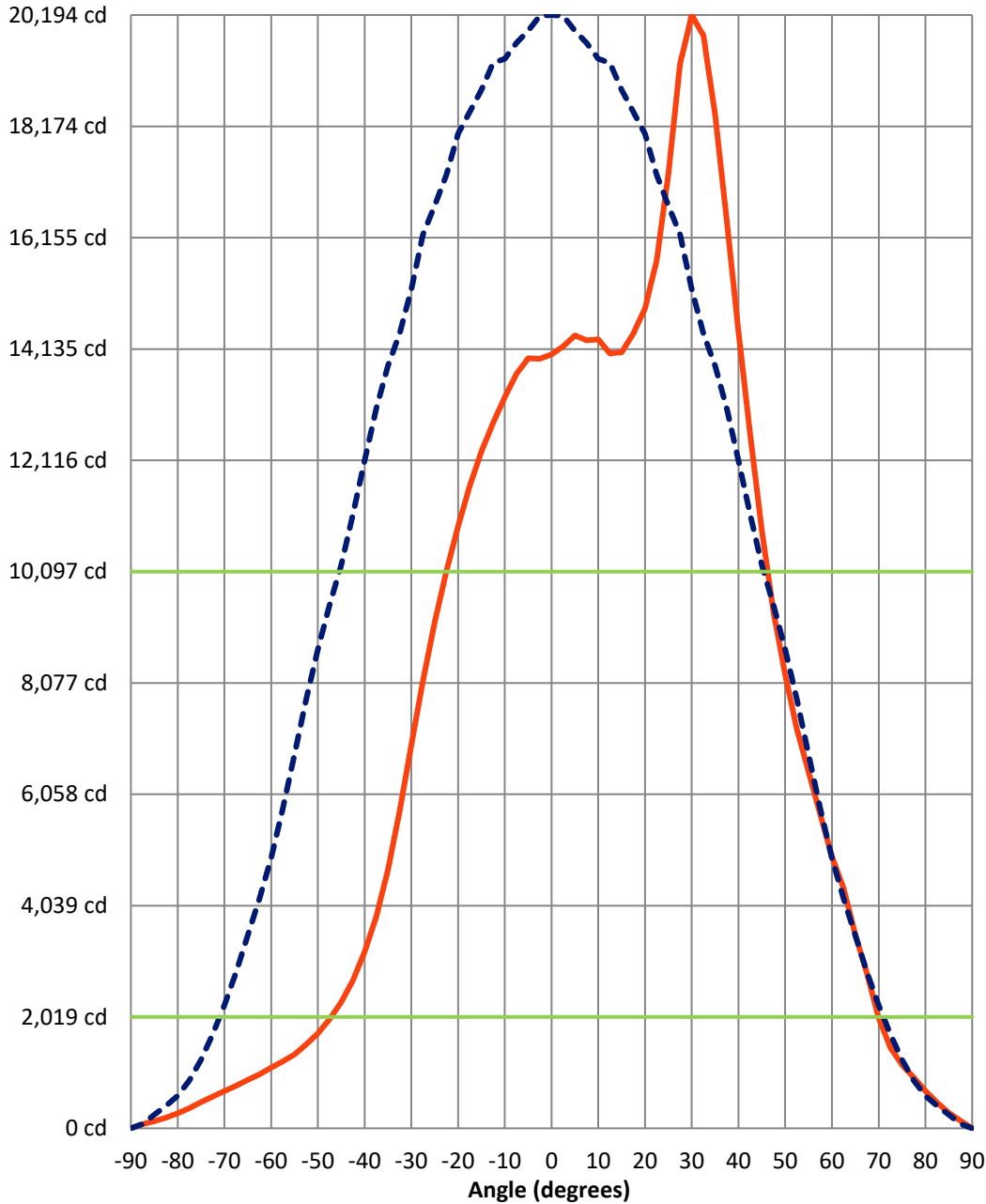
### Luminous Intensity Polar Plot



— 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: 19601.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 31588.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2119.2  
 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°	135.7	139.3	142.8	142.8	139.3	139.3	139.3	135.7	139.3	139.3	139.3
85°	282.1	289.2	296.4	292.8	289.2	282.1	275.0	278.5	282.1	285.7	285.7
82.5°	467.8	478.5	485.6	482.1	474.9	467.8	460.6	464.2	471.4	474.9	474.9
80°	678.5	682.0	685.6	692.8	682.0	682.0	678.5	692.8	699.9	707.0	714.2
77.5°	921.3	924.9	924.9	928.4	932.0	935.6	935.6	960.6	978.4	989.1	999.9
75°	1149.8	1160.5	1171.3	1182.0	1196.3	1203.4	1214.1	1249.8	1278.4	1299.8	1321.2
72.5°	1464.1	1478.4	1496.2	1521.2	1546.2	1564.1	1589.1	1631.9	1664.0	1685.5	1710.5
70°	2003.3	2017.6	2035.4	2053.3	2078.3	2096.1	2121.1	2174.7	2206.8	2221.1	2235.4
67.5°	2803.2	2838.9	2871.0	2835.3	2817.4	2792.5	2799.6	2849.6	2881.7	2903.2	2899.6
65°	3513.8	3538.8	3538.8	3535.2	3520.9	3488.8	3506.6	3567.3	3603.0	3620.9	3567.3
62.5°	4349.4	4349.4	4331.5	4360.1	4363.7	4342.2	4331.5	4335.1	4338.7	4349.4	4260.1
60°	4927.9	4963.6	4974.3	4999.3	5006.4	5006.4	5024.3	5038.6	5038.6	5017.1	4913.6
57.5°	5692.0	5759.9	5774.2	5756.3	5720.6	5674.2	5667.0	5645.6	5602.8	5559.9	5509.9
55°	6463.3	6499.1	6495.5	6484.8	6449.1	6395.5	6402.6	6374.1	6306.2	6252.7	6184.8
52.5°	7238.2	7323.9	7338.2	7316.8	7266.8	7209.7	7213.2	7181.1	7113.3	7056.1	6963.3
50°	8227.4	8298.8	8291.7	8255.9	8184.5	8141.7	8145.2	8084.5	8006.0	7988.1	7866.7
47.5°	9359.4	9441.5	9427.2	9377.2	9280.8	9262.9	9280.8	9202.2	9155.8	9116.5	8973.7
45°	10844.9	10941.3	10887.7	10791.3	10637.7	10655.6	10680.6	10666.3	10566.3	10462.8	10280.7
42.5°	12587.5	12648.2	12583.9	12487.5	12294.6	12330.4	12316.1	12230.4	12169.7	11998.3	11766.2
40°	14451.5	14583.6	14483.6	14333.6	14133.7	14187.2	14148.0	14037.3	13894.4	13680.2	13387.3
37.5°	16461.9	16565.5	16451.2	16276.2	16097.7	16079.8	16001.3	15829.8	15626.3	15390.6	14922.8
35°	18386.6	18654.4	18443.8	18165.2	17947.4	17865.3	17790.3	17393.9	17161.8	16779.7	16140.5
32.5°	19818.6	20015.0	19754.3	19465.0	19200.8	19086.5	18822.3	18350.9	18225.9	17422.5	16836.8
30°	20193.5	20179.2	19907.8	19686.4	19400.8	19322.2	18836.6	18436.6	18036.7	17293.9	16736.9
27.5°	19300.8	19211.5	18950.8	18758.0	18475.9	18383.1	17904.5	17690.3	17072.5	16444.0	15972.7
25°	17311.8	17358.2	17161.8	17065.4	16879.7	16679.7	16490.5	16201.2	15815.6	15265.6	14833.6
22.5°	15744.1	15804.9	15722.7	15608.5	15465.6	15354.9	15212.1	14987.1	14615.7	14276.5	13869.4
20°	14872.8	14855.0	14783.6	14697.9	14562.2	14483.6	14326.5	14137.2	13851.6	13558.8	13119.5
17.5°	14415.8	14305.1	14237.2	14205.1	14133.7	14033.7	13848.0	13655.2	13433.8	13101.7	12780.3
15°	14076.5	14094.4	14040.8	14015.8	13958.7	13819.4	13630.2	13473.0	13173.1	13005.3	12712.4
12.5°	14055.1	14037.3	14040.8	14030.1	13958.7	13780.1	13683.7	13483.8	13290.9	13069.5	12733.9
10°	14308.6	14119.4	14133.7	14183.7	14069.4	13926.6	13823.0	13605.2	13423.1	13141.0	12808.9
7.5°	14294.4	14197.9	14226.5	14144.4	14180.1	14005.1	13862.3	13644.5	13415.9	13116.0	12816.0
5°	14380.1	14233.7	14208.7	14215.8	14126.5	13994.4	13801.6	13594.5	13380.2	13044.5	12737.4
2.5°	14183.7	14205.1	14090.8	14048.0	14037.3	13815.9	13637.3	13437.3	13215.9	12919.6	12644.6
0°	14037.3	14076.5	13958.7	13898.0	13894.4	13705.2	13590.9	13362.4	13205.2	12958.8	12626.7
-2.5°	13958.7	14005.1	14019.4	13908.7	13801.6	13655.2	13462.3	13215.9	12958.8	12673.2	12387.5
-5°	13965.8	13873.0	13833.7	13869.4	13776.6	13630.2	13415.9	13198.1	12944.6	12637.5	12280.4
-7.5°	13683.7	13590.9	13583.7	13565.9	13544.5	13405.2	13226.7	12991.0	12733.9	12448.2	12116.1
-10°	13262.4	13194.5	13176.7	13158.8	13101.7	13019.5	12851.7	12637.5	12405.3	12119.7	11766.2
-12.5°	12794.6	12762.4	12694.6	12648.2	12591.0	12494.6	12333.9	12137.5	11905.4	11651.9	11348.4
-15°	12276.8	12216.1	12148.2	12109.0	12026.8	11912.6	11751.9	11569.8	11316.2	11066.3	10780.6
-17.5°	11651.9	11576.9	11501.9	11491.2	11434.1	11259.1	11109.1	10887.7	10666.3	10427.1	10148.5
-20°	10916.3	10812.7	10762.7	10734.2	10655.6	10527.0	10366.4	10162.8	9948.6	9720.0	9398.6



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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°	10102.1	10012.8	9927.1	9873.6	9805.7	9705.7	9552.2	9373.6	9163.0	8905.9	8609.5
-25°	9177.2	9052.3	8998.7	8938.0	8902.3	8809.4	8659.5	8495.2	8277.4	8027.4	7745.3
-27.5°	8120.3	8020.3	7991.7	7906.0	7863.1	7766.7	7641.8	7488.2	7288.2	7052.5	6820.4
-30°	6952.6	6891.9	6845.4	6759.7	6727.6	6624.0	6541.9	6413.4	6231.2	6063.4	5877.7
-32.5°	5752.7	5692.0	5677.7	5638.5	5617.0	5549.2	5456.4	5363.5	5217.1	5092.1	4942.1
-35°	4688.6	4645.8	4649.3	4645.8	4624.3	4574.3	4460.1	4435.1	4327.9	4213.7	4117.3
-37.5°	3838.7	3842.3	3838.7	3835.2	3806.6	3785.2	3703.0	3670.9	3606.6	3495.9	3438.8
-40°	3199.5	3206.7	3203.1	3196.0	3163.8	3153.1	3099.6	3056.7	3031.7	2953.1	2892.4
-42.5°	2681.8	2692.5	2688.9	2685.3	2663.9	2660.3	2631.8	2581.8	2567.5	2521.1	2456.8
-45°	2289.0	2285.4	2278.2	2285.4	2274.7	2264.0	2246.1	2214.0	2196.1	2174.7	2121.1
-47.5°	1978.3	1981.9	1974.7	1974.7	1960.4	1949.7	1942.6	1921.2	1906.9	1889.0	1856.9
-50°	1721.2	1735.5	1731.9	1728.3	1717.6	1710.5	1710.5	1689.0	1667.6	1660.5	1639.0
-52.5°	1521.2	1531.9	1535.5	1542.6	1546.2	1549.8	1539.1	1517.6	1481.9	1478.4	1467.6
-55°	1339.1	1371.2	1392.7	1406.9	1421.2	1431.9	1410.5	1381.9	1346.2	1331.9	1328.4
-57.5°	1214.1	1246.2	1271.2	1292.7	1310.5	1328.4	1307.0	1278.4	1246.2	1228.4	1224.8
-60°	1099.8	1128.4	1153.4	1182.0	1207.0	1235.5	1224.8	1203.4	1185.5	1171.3	1157.0
-62.5°	978.4	1007.0	1035.6	1071.3	1103.4	1132.0	1135.5	1132.0	1128.4	1132.0	1107.0
-65°	878.4	892.7	910.6	949.9	985.6	1017.7	1035.6	1046.3	1064.1	1082.0	1057.0
-67.5°	771.3	789.2	810.6	839.2	867.7	889.2	914.2	942.7	971.3	999.9	982.0
-70°	674.9	689.2	707.0	721.3	739.2	753.5	774.9	807.0	839.2	867.7	860.6
-72.5°	574.9	589.2	599.9	607.1	617.8	624.9	635.6	664.2	685.6	699.9	699.9
-75°	474.9	489.2	499.9	503.5	510.6	514.2	521.4	532.1	542.8	546.3	549.9
-77.5°	364.2	378.5	389.2	396.4	403.5	410.7	414.2	421.4	424.9	424.9	428.5
-80°	271.4	282.1	289.2	300.0	303.5	310.7	317.8	321.4	325.0	325.0	328.5
-82.5°	192.8	200.0	207.1	214.3	221.4	225.0	232.1	235.7	239.3	242.8	246.4
-85°	128.6	135.7	142.8	150.0	153.5	157.1	160.7	164.3	167.8	171.4	175.0
-87.5°	75.0	78.6	82.1	89.3	92.8	100.0	103.6	100.0	103.6	103.6	103.6
-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°	139.3	139.3	139.3	139.3	135.7	128.6	125.0	117.8	110.7	103.6	96.4
85°	289.2	292.8	292.8	292.8	285.7	282.1	271.4	260.7	246.4	225.0	207.1
82.5°	482.1	485.6	485.6	482.1	474.9	464.2	449.9	432.1	403.5	374.9	349.9
80°	724.9	728.5	728.5	724.9	707.0	689.2	671.3	649.9	614.2	574.9	532.1
77.5°	1014.1	1021.3	1021.3	1010.6	985.6	964.1	935.6	899.9	846.3	789.2	732.0
75°	1349.8	1367.7	1371.2	1360.5	1328.4	1289.1	1242.7	1182.0	1099.8	1028.4	960.6
72.5°	1739.0	1756.9	1771.2	1756.9	1710.5	1656.9	1589.1	1517.6	1435.5	1339.1	1224.8
70°	2249.7	2267.5	2278.2	2231.8	2149.7	2060.4	1978.3	1896.2	1799.7	1681.9	1556.9
67.5°	2892.4	2874.6	2853.2	2760.3	2656.8	2549.6	2435.4	2314.0	2189.0	2064.0	1917.6
65°	3510.2	3460.2	3413.8	3303.1	3171.0	3031.7	2899.6	2763.9	2613.9	2456.8	2317.5
62.5°	4160.1	4053.0	3938.7	3803.0	3667.3	3513.8	3381.7	3221.0	3053.1	2860.3	2681.8
60°	4799.3	4670.8	4556.5	4388.6	4210.1	4003.0	3860.2	3703.0	3506.6	3299.5	3088.8
57.5°	5417.1	5277.8	5152.8	5006.4	4813.6	4588.6	4431.5	4228.0	4020.8	3760.2	3545.9
55°	6074.1	5934.9	5834.9	5670.6	5459.9	5252.8	5081.4	4867.2	4577.9	4299.4	4035.1
52.5°	6827.6	6716.9	6609.8	6441.9	6188.4	5977.7	5788.4	5549.2	5245.7	4902.9	4585.1
50°	7670.3	7613.2	7498.9	7302.5	7013.3	6827.6	6577.6	6259.8	5934.9	5574.2	5177.8
47.5°	8788.0	8695.2	8534.5	8320.2	8077.4	7798.9	7463.2	7091.8	6631.2	6231.2	5809.9
45°	10123.5	9952.1	9745.0	9455.8	9155.8	8841.6	8473.8	8002.4	7384.6	6863.3	6420.5
42.5°	11569.8	11337.6	11055.5	10677.0	10287.8	9902.1	9505.8	8863.0	8091.7	7491.8	6991.8
40°	13080.2	12783.9	12430.3	11880.4	11448.3	10952.0	10498.5	9537.9	8716.6	8066.7	7534.6
37.5°	14558.6	14183.7	13590.9	12923.1	12419.6	12012.5	11016.3	9987.8	9252.2	8538.0	7998.8
35°	15690.6	15372.8	14326.5	13633.7	13201.7	12558.9	11312.6	10259.2	9480.8	8888.0	8048.8
32.5°	16361.9	15540.6	14622.9	13923.0	13565.9	12512.5	11334.1	10337.8	9587.9	8923.7	7920.3
30°	16211.9	15219.2	14415.8	13830.1	13055.3	12109.0	11134.1	10216.4	9487.9	8684.5	7777.4
27.5°	15308.5	14540.8	13823.0	13212.4	12451.8	11601.9	10702.0	9895.0	9216.5	8438.1	7581.0
25°	14287.2	13590.9	13058.8	12526.8	11805.4	10994.8	10202.1	9620.0	8938.0	8170.2	7323.9
22.5°	13348.1	12848.1	12430.3	11873.3	11169.8	10462.8	9970.0	9366.5	8666.6	7888.1	7059.7
20°	12748.2	12408.9	11930.4	11316.2	10762.7	10319.9	9773.6	9134.4	8413.1	7598.9	6834.7
17.5°	12458.9	12066.1	11534.0	11134.1	10709.2	10223.5	9612.9	8934.4	8166.7	7466.8	6859.7
15°	12308.9	11894.7	11544.8	11152.0	10673.5	10162.8	9484.3	8780.9	8166.7	7520.3	6877.6
12.5°	12341.1	11984.0	11601.9	11173.4	10659.2	10112.8	9498.6	8845.1	8209.5	7559.6	6881.1
10°	12441.1	12066.1	11659.0	11184.1	10666.3	10127.1	9537.9	8884.4	8231.0	7577.5	6874.0
7.5°	12476.8	12069.7	11634.0	11155.5	10648.5	10120.0	9545.0	8895.1	8234.5	7573.9	6852.6
5°	12366.1	11998.3	11576.9	11094.8	10598.5	10084.3	9516.5	8880.9	8206.0	7538.2	6799.0
2.5°	12216.1	11919.7	11516.2	11052.0	10548.5	10034.3	9470.1	8816.6	8141.7	7473.9	6731.2
0°	12191.1	11823.3	11416.2	11002.0	10466.3	9923.6	9362.9	8695.2	8023.8	7352.5	6613.3
-2.5°	12026.8	11637.6	11230.5	10780.6	10309.2	9762.9	9173.7	8520.2	7856.0	7195.4	6484.8
-5°	11901.8	11469.8	11037.7	10552.0	10077.1	9530.8	8920.1	8284.5	7634.6	6991.8	6306.2
-7.5°	11734.0	11291.2	10837.7	10330.6	9816.4	9259.4	8655.9	8020.3	7381.1	6741.9	6084.8
-10°	11394.8	11005.5	10580.6	10055.7	9512.9	8955.8	8355.9	7731.0	7091.8	6445.5	5784.9
-12.5°	10984.1	10573.5	10109.2	9627.2	9141.5	8623.8	8023.8	7409.6	6766.9	6117.0	5459.9
-15°	10452.1	10048.5	9573.6	9102.3	8634.5	8138.1	7609.6	7056.1	6402.6	5763.5	5106.4
-17.5°	9787.9	9409.4	8984.4	8534.5	8070.3	7570.3	7056.1	6588.3	5977.7	5377.8	4727.9
-20°	9073.7	8720.2	8338.1	7913.1	7448.9	6959.7	6474.1	5984.8	5456.4	4927.9	4324.4



REPORT NUMBER: P722036  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8330.9	7973.8	7588.2	7191.8	6763.3	6309.8	5859.9	5392.1	4927.9	4449.4	3938.7
-25°	7473.9	7159.7	6806.2	6420.5	6038.4	5642.0	5213.5	4788.6	4392.2	3978.0	3560.2
-27.5°	6577.6	6288.4	5967.0	5631.3	5302.8	4970.7	4599.3	4206.5	3878.0	3535.2	3188.8
-30°	5634.9	5402.8	5142.1	4849.3	4595.8	4327.9	4017.3	3692.3	3392.4	3131.7	2853.2
-32.5°	4742.2	4545.8	4360.1	4167.3	3917.3	3710.2	3495.9	3256.7	2992.4	2746.0	2546.1
-35°	3974.4	3763.7	3685.2	3542.3	3363.8	3181.7	3024.6	2853.2	2653.2	2435.4	2271.1
-37.5°	3328.1	3203.1	3092.4	3013.8	2896.0	2749.6	2624.6	2499.6	2346.1	2181.8	2017.6
-40°	2824.6	2738.9	2617.5	2578.2	2503.2	2403.2	2274.7	2178.3	2074.7	1949.7	1810.5
-42.5°	2421.1	2356.8	2278.2	2210.4	2178.3	2106.8	2006.9	1914.0	1831.9	1746.2	1639.0
-45°	2089.0	2046.1	1996.1	1935.4	1910.4	1853.3	1781.9	1678.3	1631.9	1560.5	1481.9
-47.5°	1821.2	1799.7	1764.0	1724.8	1689.0	1646.2	1581.9	1517.6	1453.4	1406.9	1346.2
-50°	1610.5	1596.2	1574.8	1542.6	1496.2	1467.6	1424.8	1367.7	1307.0	1267.7	1224.8
-52.5°	1442.6	1428.4	1414.1	1389.1	1353.4	1324.8	1289.1	1242.7	1192.7	1153.4	1117.7
-55°	1314.1	1292.7	1282.0	1260.5	1232.0	1199.8	1167.7	1135.5	1092.7	1057.0	1021.3
-57.5°	1214.1	1185.5	1171.3	1153.4	1124.8	1092.7	1067.7	1035.6	1007.0	967.7	935.6
-60°	1135.5	1103.4	1074.8	1057.0	1032.0	999.9	974.9	949.9	921.3	889.2	849.9
-62.5°	1071.3	1032.0	992.7	971.3	946.3	917.7	892.7	867.7	839.2	807.0	771.3
-65°	1010.6	964.1	914.2	892.7	867.7	839.2	807.0	789.2	764.2	735.6	699.9
-67.5°	935.6	885.6	842.7	817.7	792.7	767.7	739.2	721.3	696.3	660.6	624.9
-70°	824.9	792.7	764.2	742.7	721.3	699.9	671.3	642.8	614.2	582.1	549.9
-72.5°	685.6	674.9	671.3	660.6	635.6	610.6	582.1	553.5	528.5	503.5	478.5
-75°	553.5	560.6	567.8	564.2	539.2	514.2	489.2	464.2	446.4	424.9	403.5
-77.5°	439.2	446.4	453.5	453.5	435.7	421.4	403.5	385.7	371.4	353.5	332.1
-80°	339.2	349.9	360.7	367.8	353.5	342.8	328.5	314.2	300.0	285.7	271.4
-82.5°	257.1	267.8	278.5	285.7	275.0	267.8	257.1	246.4	235.7	221.4	210.7
-85°	185.7	192.8	200.0	203.5	196.4	189.3	182.1	175.0	167.8	157.1	150.0
-87.5°	107.1	110.7	114.3	117.8	110.7	103.6	100.0	92.8	89.3	82.1	78.6
-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-M-SA4E-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°	89.3	82.1	75.0	71.4	64.3	53.6	46.4	39.3	32.1	25.0	21.4
85°	189.3	171.4	150.0	139.3	125.0	110.7	96.4	82.1	67.8	53.6	39.3
82.5°	325.0	303.5	282.1	257.1	225.0	185.7	146.4	121.4	100.0	78.6	60.7
80°	489.2	449.9	414.2	382.1	346.4	296.4	242.8	192.8	135.7	103.6	78.6
77.5°	678.5	632.1	582.1	528.5	471.4	403.5	342.8	278.5	210.7	142.8	100.0
75°	892.7	832.0	764.2	689.2	614.2	524.9	439.2	364.2	285.7	200.0	121.4
72.5°	1132.0	1057.0	974.9	874.9	757.0	653.5	549.9	449.9	357.1	253.5	164.3
70°	1439.1	1321.2	1199.8	1092.7	942.7	778.5	657.0	542.8	424.9	310.7	207.1
67.5°	1767.6	1624.8	1478.4	1321.2	1132.0	939.1	764.2	635.6	496.4	364.2	246.4
65°	2124.7	1946.1	1760.5	1585.5	1324.8	1096.3	899.9	724.9	564.2	414.2	285.7
62.5°	2492.5	2281.8	2067.6	1839.0	1539.1	1257.0	1028.4	824.9	628.5	460.6	321.4
60°	2885.3	2638.9	2378.2	2092.6	1742.6	1431.9	1149.8	928.4	696.3	507.1	360.7
57.5°	3299.5	3031.7	2724.6	2338.9	1953.3	1599.8	1289.1	1021.3	757.0	549.9	389.2
55°	3749.5	3442.4	3106.7	2596.1	2160.4	1767.6	1428.4	1114.1	821.3	585.6	417.8
52.5°	4235.1	3878.0	3453.1	2867.4	2378.2	1939.0	1556.9	1196.3	882.0	624.9	442.8
50°	4777.9	4327.9	3756.6	3117.4	2567.5	2099.7	1685.5	1285.5	932.0	667.8	464.2
47.5°	5342.1	4856.4	4028.0	3349.5	2760.3	2256.8	1817.6	1364.1	982.0	703.5	485.6
45°	5931.3	5224.2	4310.1	3556.6	2928.1	2399.7	1917.6	1435.5	1042.7	735.6	503.5
42.5°	6513.3	5502.8	4556.5	3763.7	3085.3	2528.2	1999.7	1503.4	1092.7	767.7	521.4
40°	6788.3	5713.5	4752.9	3906.6	3217.4	2642.5	2071.1	1564.1	1135.5	789.2	539.2
37.5°	6902.6	5842.0	4881.4	4042.3	3320.9	2703.2	2131.8	1617.6	1171.3	810.6	553.5
35°	6927.6	5888.4	4945.7	4135.1	3406.6	2760.3	2178.3	1656.9	1199.8	832.0	567.8
32.5°	6881.1	5874.1	4963.6	4167.3	3460.2	2803.2	2210.4	1685.5	1221.3	853.4	582.1
30°	6777.6	5799.2	4899.3	4163.7	3499.5	2828.2	2231.8	1706.9	1242.7	867.7	589.2
27.5°	6609.8	5667.0	4817.2	4167.3	3520.9	2838.9	2242.5	1717.6	1257.0	878.4	603.5
25°	6402.6	5488.5	4820.7	4160.1	3524.5	2842.4	2242.5	1717.6	1260.5	882.0	614.2
22.5°	6163.4	5488.5	4820.7	4149.4	3503.1	2835.3	2231.8	1710.5	1260.5	889.2	624.9
20°	6177.7	5492.1	4810.0	4128.0	3470.9	2813.9	2206.8	1692.6	1249.8	899.9	632.1
17.5°	6188.4	5484.9	4788.6	4099.4	3428.1	2778.2	2174.7	1667.6	1249.8	910.6	635.6
15°	6188.4	5463.5	4756.5	4056.6	3374.5	2728.2	2128.3	1646.2	1253.4	914.2	642.8
12.5°	6177.7	5424.2	4706.5	3999.4	3310.2	2667.5	2099.7	1639.0	1253.4	917.7	642.8
10°	6156.3	5370.7	4642.2	3928.0	3249.5	2646.0	2085.4	1624.8	1246.2	917.7	642.8
7.5°	6117.0	5306.4	4588.6	3885.2	3213.8	2621.0	2064.0	1603.3	1235.5	910.6	649.9
5°	6056.3	5270.7	4545.8	3835.2	3163.8	2603.2	2049.7	1585.5	1228.4	910.6	642.8
2.5°	5977.7	5227.8	4495.8	3770.9	3106.7	2542.5	2003.3	1546.2	1203.4	896.3	635.6
0°	5849.2	5142.1	4410.1	3681.6	3028.1	2481.8	1956.9	1506.9	1178.4	882.0	628.5
-2.5°	5731.3	5027.8	4299.4	3588.8	2953.1	2428.2	1921.2	1485.5	1167.7	878.4	624.9
-5°	5567.1	4870.7	4153.0	3467.4	2853.2	2374.7	1885.4	1460.5	1157.0	871.3	624.9
-7.5°	5384.9	4706.5	3999.4	3342.4	2753.2	2281.8	1817.6	1421.2	1132.0	857.0	621.3
-10°	5102.8	4460.1	3806.6	3199.5	2646.0	2199.7	1760.5	1385.5	1110.6	842.7	607.1
-12.5°	4802.9	4188.7	3585.2	3024.6	2524.6	2114.0	1696.2	1346.2	1085.6	828.5	599.9
-15°	4485.1	3910.1	3353.1	2842.4	2392.5	2010.4	1628.3	1303.4	1060.6	810.6	589.2
-17.5°	4153.0	3617.3	3113.8	2656.8	2260.4	1903.3	1556.9	1264.1	1032.0	792.7	578.5
-20°	3803.0	3317.4	2871.0	2467.5	2121.1	1796.2	1481.9	1217.7	999.9	771.3	564.2



REPORT NUMBER: P722036  
 CATALOG NUMBER: IFLD-M-SA4E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3456.6	3021.0	2621.0	2281.8	1978.3	1685.5	1406.9	1171.3	964.1	746.3	553.5
-25°	3149.5	2742.5	2399.7	2103.3	1839.0	1578.3	1328.4	1124.8	924.9	721.3	539.2
-27.5°	2849.6	2503.2	2181.8	1935.4	1703.3	1474.8	1253.4	1074.8	885.6	692.8	524.9
-30°	2571.1	2274.7	2010.4	1771.2	1574.8	1381.9	1189.1	1024.9	842.7	664.2	507.1
-32.5°	2317.5	2078.3	1856.9	1628.3	1453.4	1289.1	1128.4	974.9	799.9	635.6	489.2
-35°	2081.8	1896.2	1703.3	1510.5	1331.9	1203.4	1064.1	921.3	760.6	603.5	471.4
-37.5°	1871.2	1721.2	1567.6	1403.4	1249.8	1121.3	1003.4	867.7	721.3	574.9	453.5
-40°	1689.0	1567.6	1431.9	1299.8	1171.3	1049.8	942.7	814.2	682.0	553.5	435.7
-42.5°	1521.2	1428.4	1317.7	1207.0	1092.7	985.6	882.0	757.0	642.8	528.5	417.8
-45°	1392.7	1299.8	1210.5	1110.6	1014.1	921.3	817.7	707.0	607.1	499.9	399.9
-47.5°	1271.2	1189.1	1107.0	1024.9	946.3	860.6	757.0	664.2	567.8	474.9	385.7
-50°	1164.1	1085.6	1014.1	942.7	874.9	792.7	696.3	621.3	535.6	449.9	367.8
-52.5°	1064.1	996.3	924.9	867.7	810.6	728.5	649.9	578.5	503.5	421.4	349.9
-55°	974.9	910.6	846.3	792.7	739.2	667.8	603.5	542.8	471.4	399.9	332.1
-57.5°	889.2	835.6	774.9	724.9	671.3	614.2	560.6	503.5	439.2	378.5	314.2
-60°	810.6	760.6	707.0	657.0	610.6	564.2	514.2	467.8	410.7	353.5	296.4
-62.5°	732.0	689.2	642.8	592.8	557.1	514.2	474.9	428.5	382.1	332.1	264.2
-65°	660.6	621.3	578.5	535.6	503.5	471.4	435.7	392.8	353.5	307.1	235.7
-67.5°	589.2	553.5	517.8	482.1	453.5	428.5	392.8	360.7	328.5	278.5	207.1
-70°	521.4	492.8	460.6	432.1	410.7	382.1	357.1	328.5	300.0	242.8	175.0
-72.5°	457.1	428.5	403.5	382.1	364.2	339.2	317.8	296.4	257.1	203.5	146.4
-75°	382.1	364.2	349.9	332.1	314.2	296.4	278.5	253.5	214.3	164.3	114.3
-77.5°	314.2	303.5	292.8	278.5	264.2	250.0	228.5	203.5	171.4	128.6	92.8
-80°	257.1	246.4	239.3	225.0	214.3	200.0	178.5	157.1	125.0	100.0	75.0
-82.5°	196.4	189.3	182.1	175.0	164.3	150.0	128.6	110.7	92.8	75.0	57.1
-85°	139.3	135.7	128.6	121.4	110.7	100.0	85.7	75.0	64.3	50.0	39.3
-87.5°	71.4	67.8	64.3	60.7	57.1	50.0	42.9	35.7	32.1	25.0	17.9
-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: P722036  
 CATALOG NUMBER: IFLD-M-SA4E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.3	10.7	3.6	0.0
85°	28.6	17.9	7.1	0.0
82.5°	42.9	28.6	10.7	0.0
80°	57.1	35.7	17.9	0.0
77.5°	71.4	42.9	21.4	0.0
75°	85.7	53.6	25.0	0.0
72.5°	96.4	60.7	28.6	0.0
70°	114.3	71.4	32.1	0.0
67.5°	142.8	78.6	35.7	0.0
65°	167.8	85.7	39.3	0.0
62.5°	196.4	92.8	42.9	0.0
60°	221.4	100.0	46.4	0.0
57.5°	246.4	117.8	50.0	0.0
55°	267.8	132.1	53.6	0.0
52.5°	292.8	146.4	57.1	0.0
50°	314.2	160.7	60.7	0.0
47.5°	332.1	175.0	60.7	0.0
45°	346.4	185.7	64.3	0.0
42.5°	357.1	196.4	67.8	0.0
40°	367.8	207.1	71.4	0.0
37.5°	378.5	217.8	71.4	0.0
35°	389.2	228.5	75.0	0.0
32.5°	399.9	239.3	75.0	0.0
30°	407.1	246.4	78.6	0.0
27.5°	417.8	253.5	78.6	0.0
25°	421.4	260.7	82.1	0.0
22.5°	428.5	264.2	82.1	0.0
20°	435.7	271.4	82.1	0.0
17.5°	439.2	275.0	85.7	0.0
15°	439.2	278.5	89.3	0.0
12.5°	442.8	282.1	89.3	0.0
10°	442.8	289.2	85.7	0.0
7.5°	449.9	285.7	85.7	0.0
5°	446.4	285.7	85.7	0.0
2.5°	442.8	282.1	85.7	0.0
0°	439.2	282.1	85.7	0.0
-2.5°	439.2	282.1	85.7	0.0
-5°	439.2	282.1	85.7	0.0
-7.5°	435.7	285.7	85.7	0.0
-10°	428.5	285.7	85.7	0.0
-12.5°	424.9	275.0	85.7	0.0
-15°	421.4	271.4	85.7	0.0
-17.5°	414.2	267.8	82.1	0.0
-20°	407.1	264.2	82.1	0.0



REPORT NUMBER: P722036  
 CATALOG NUMBER: IFLD-M-SA4E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	399.9	257.1	82.1	0.0
-25°	392.8	250.0	78.6	0.0
-27.5°	385.7	242.8	78.6	0.0
-30°	374.9	235.7	75.0	0.0
-32.5°	364.2	228.5	75.0	0.0
-35°	357.1	217.8	71.4	0.0
-37.5°	346.4	207.1	71.4	0.0
-40°	335.7	196.4	67.8	0.0
-42.5°	325.0	185.7	64.3	0.0
-45°	310.7	175.0	64.3	0.0
-47.5°	300.0	164.3	60.7	0.0
-50°	282.1	150.0	57.1	0.0
-52.5°	260.7	135.7	53.6	0.0
-55°	239.3	125.0	50.0	0.0
-57.5°	217.8	110.7	50.0	0.0
-60°	196.4	96.4	46.4	0.0
-62.5°	175.0	89.3	42.9	0.0
-65°	153.5	82.1	39.3	0.0
-67.5°	128.6	71.4	35.7	0.0
-70°	107.1	64.3	32.1	0.0
-72.5°	92.8	57.1	28.6	0.0
-75°	78.6	50.0	25.0	0.0
-77.5°	67.8	42.9	21.4	0.0
-80°	53.6	32.1	14.3	0.0
-82.5°	39.3	25.0	10.7	0.0
-85°	25.0	17.9	7.1	0.0
-87.5°	14.3	7.1	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)