

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: P722201

Luminaire Tested: **IFLD-S-SA6A-830-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722201  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6A-830-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

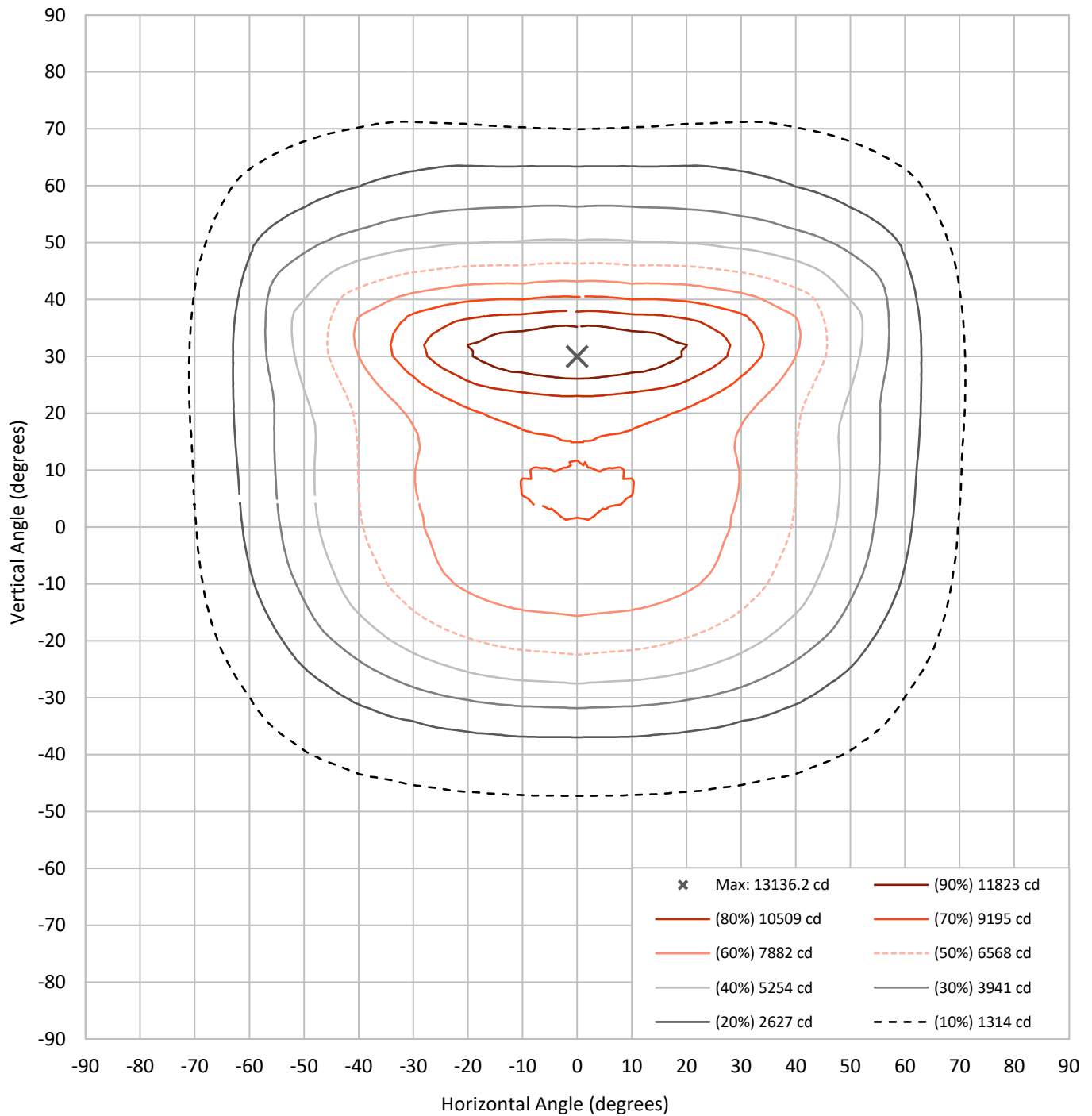
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21927.7 lumens	Max Intensity:	13136.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12751.2 lumens	Field Lumens:	20549.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 189.6  
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



REPORT NUMBER: P722201  
CATALOG NUMBER: IFLD-S-SA6A-830-U-76

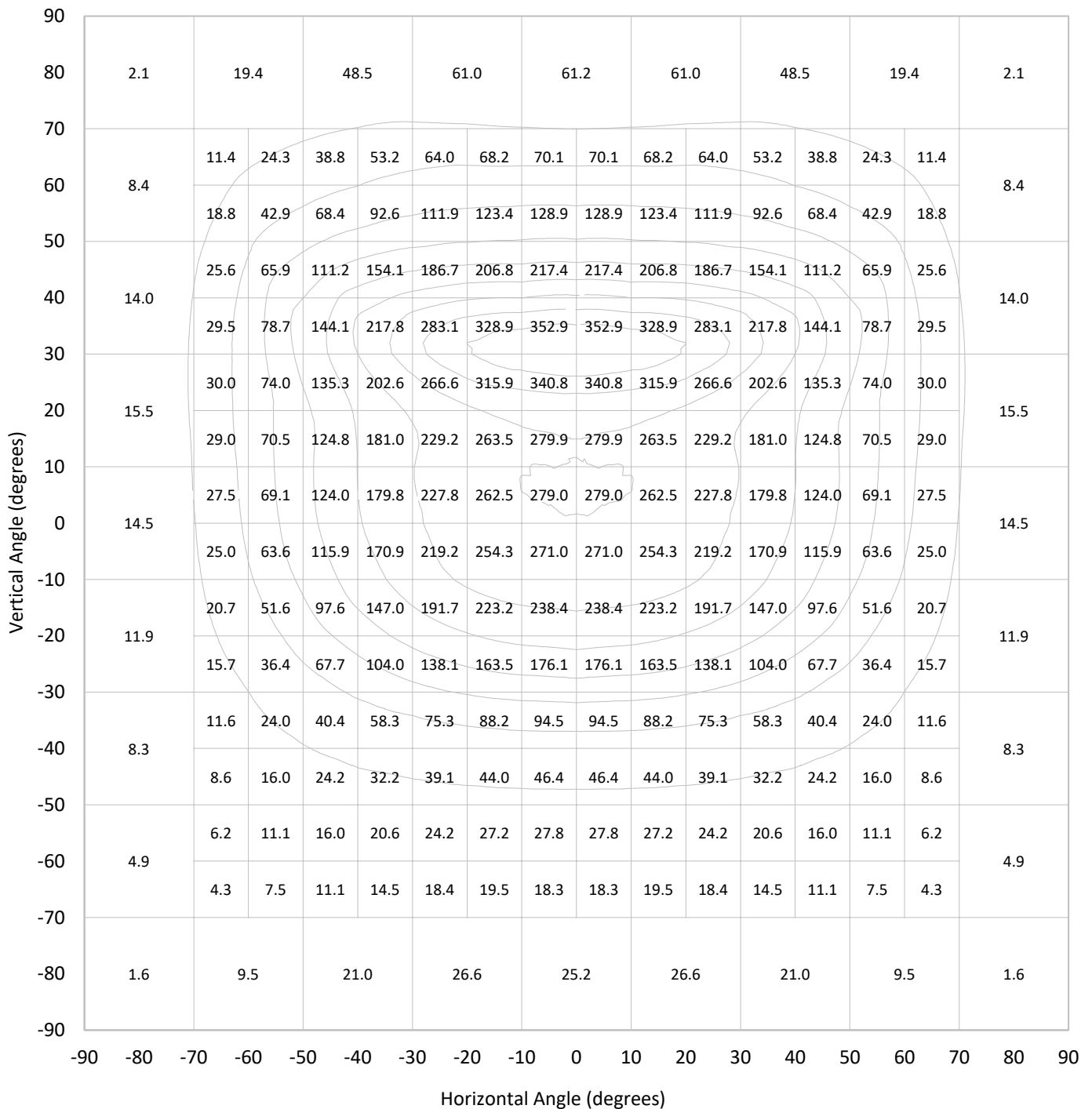
### Iso-Candela Plot





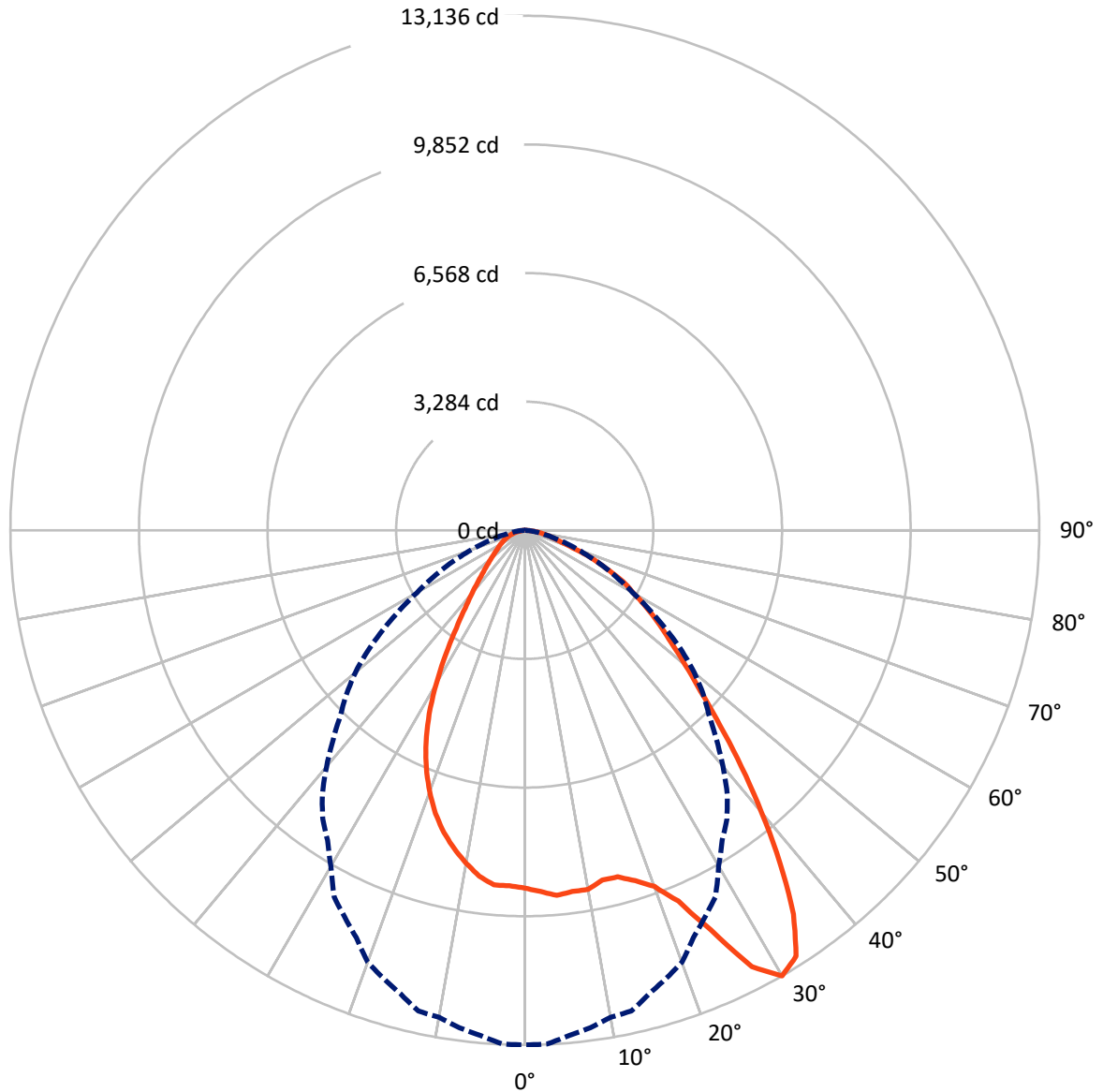
REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

### Lumen Table



REPORT NUMBER: P722201  
CATALOG NUMBER: IFLD-S-SA6A-830-U-76

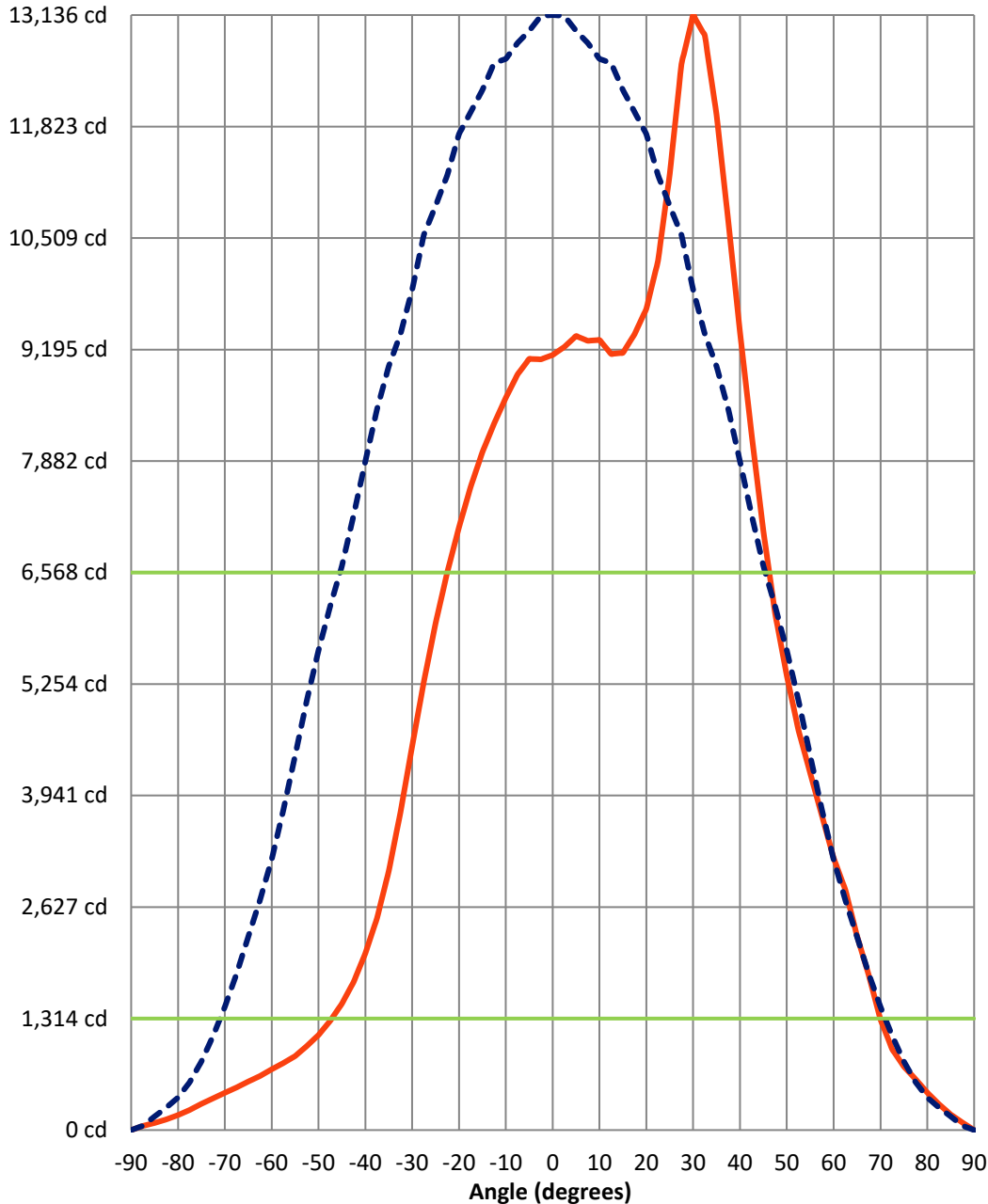
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 12751.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 20549.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1378.6  
 Efficiency: 6.3%

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



REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

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°	88.3	90.6	92.9	92.9	90.6	90.6	90.6	88.3	90.6	90.6	90.6
85°	183.5	188.2	192.8	190.5	188.2	183.5	178.9	181.2	183.5	185.8	185.8
82.5°	304.3	311.3	315.9	313.6	309.0	304.3	299.7	302.0	306.6	309.0	309.0
80°	441.4	443.7	446.0	450.7	443.7	443.7	441.4	450.7	455.3	459.9	464.6
77.5°	599.3	601.6	601.6	604.0	606.3	608.6	608.6	624.9	636.5	643.5	650.4
75°	748.0	755.0	761.9	768.9	778.2	782.8	789.8	813.0	831.6	845.6	859.5
72.5°	952.4	961.7	973.3	989.6	1005.8	1017.4	1033.7	1061.6	1082.5	1096.4	1112.7
70°	1303.2	1312.5	1324.1	1335.7	1352.0	1363.6	1379.8	1414.7	1435.6	1444.9	1454.2
67.5°	1823.5	1846.7	1867.6	1844.4	1832.8	1816.5	1821.2	1853.7	1874.6	1888.6	1886.2
65°	2285.8	2302.0	2302.0	2299.7	2290.4	2269.5	2281.1	2320.6	2343.8	2355.5	2320.6
62.5°	2829.3	2829.3	2817.7	2836.3	2838.6	2824.7	2817.7	2820.1	2822.4	2829.3	2771.3
60°	3205.7	3228.9	3235.9	3252.1	3256.8	3256.8	3268.4	3277.7	3277.7	3263.7	3196.4
57.5°	3702.8	3746.9	3756.2	3744.6	3721.4	3691.2	3686.5	3672.6	3644.7	3616.8	3584.3
55°	4204.5	4227.8	4225.4	4218.5	4195.2	4160.4	4165.0	4146.5	4102.3	4067.5	4023.3
52.5°	4708.6	4764.4	4773.6	4759.7	4727.2	4690.0	4692.3	4671.4	4627.3	4590.1	4529.7
50°	5352.1	5398.5	5393.9	5370.6	5324.2	5296.3	5298.6	5259.1	5208.0	5196.4	5117.4
47.5°	6088.4	6141.9	6132.6	6100.0	6037.3	6025.7	6037.3	5986.2	5956.0	5930.5	5837.6
45°	7054.8	7117.5	7082.6	7019.9	6920.0	6931.7	6947.9	6938.6	6873.6	6806.2	6687.7
42.5°	8188.4	8227.9	8186.0	8123.3	7997.9	8021.1	8011.8	7956.1	7916.6	7805.1	7654.1
40°	9400.9	9486.9	9421.9	9324.3	9194.2	9229.0	9203.5	9131.5	9038.6	8899.2	8708.7
37.5°	10708.8	10776.1	10701.8	10588.0	10471.8	10460.2	10409.1	10297.6	10165.2	10011.9	9707.6
35°	11960.8	12135.0	11998.0	11816.8	11675.1	11621.7	11572.9	11315.0	11164.1	10915.5	10499.7
32.5°	12892.3	13020.1	12850.5	12662.4	12490.5	12416.1	12244.2	11937.6	11856.3	11333.6	10952.7
30°	13136.2	13126.9	12950.4	12806.4	12620.5	12569.4	12253.5	11993.3	11733.2	11250.0	10887.6
27.5°	12555.5	12497.4	12327.9	12202.4	12018.9	11958.5	11647.2	11507.9	11106.0	10697.1	10390.5
25°	11261.6	11291.8	11164.1	11101.3	10980.5	10850.5	10727.3	10539.2	10288.3	9930.6	9649.5
22.5°	10241.8	10281.3	10227.9	10153.6	10060.7	9988.6	9895.7	9749.4	9507.8	9287.1	9022.3
20°	9675.1	9663.4	9617.0	9561.2	9473.0	9421.9	9319.6	9196.5	9010.7	8820.2	8534.5
17.5°	9377.7	9305.7	9261.6	9240.7	9194.2	9129.2	9008.4	8882.9	8738.9	8522.9	8313.8
15°	9157.0	9168.7	9133.8	9117.5	9080.4	8989.8	8866.7	8764.5	8569.3	8460.2	8269.7
12.5°	9143.1	9131.5	9133.8	9126.8	9080.4	8964.2	8901.5	8771.4	8646.0	8502.0	8283.6
10°	9308.0	9184.9	9194.2	9226.7	9152.4	9059.5	8992.1	8850.4	8731.9	8548.4	8332.4
7.5°	9298.7	9236.0	9254.6	9201.2	9224.4	9110.6	9017.7	8876.0	8727.3	8532.2	8337.0
5°	9354.5	9259.2	9243.0	9247.6	9189.6	9103.6	8978.2	8843.4	8704.1	8485.7	8285.9
2.5°	9226.7	9240.7	9166.3	9138.5	9131.5	8987.5	8871.3	8741.2	8597.2	8404.4	8225.5
0°	9131.5	9157.0	9080.4	9040.9	9038.6	8915.4	8841.1	8692.4	8590.2	8430.0	8213.9
-2.5°	9080.4	9110.6	9119.9	9047.9	8978.2	8882.9	8757.5	8597.2	8430.0	8244.1	8058.3
-5°	9085.0	9024.6	8999.1	9022.3	8961.9	8866.7	8727.3	8585.6	8420.7	8220.9	7988.6
-7.5°	8901.5	8841.1	8836.5	8824.9	8810.9	8720.3	8604.2	8450.9	8283.6	8097.8	7881.7
-10°	8627.4	8583.3	8571.7	8560.0	8522.9	8469.4	8360.3	8220.9	8069.9	7884.1	7654.1
-12.5°	8323.1	8302.2	8258.1	8227.9	8190.7	8128.0	8023.4	7895.7	7744.7	7579.8	7382.3
-15°	7986.3	7946.8	7902.6	7877.1	7823.7	7749.3	7644.8	7526.3	7361.4	7198.8	7013.0
-17.5°	7579.8	7531.0	7482.2	7475.2	7438.1	7324.2	7226.7	7082.6	6938.6	6783.0	6601.8
-20°	7101.2	7033.9	7001.3	6982.8	6931.7	6848.0	6743.5	6611.1	6471.7	6323.0	6114.0



REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6571.6	6513.5	6457.8	6422.9	6378.8	6313.8	6213.9	6097.7	5960.7	5793.4	5600.6
-25°	5970.0	5888.7	5853.8	5814.3	5791.1	5730.7	5633.1	5526.3	5384.6	5222.0	5038.5
-27.5°	5282.4	5217.3	5198.7	5143.0	5115.1	5052.4	4971.1	4871.2	4741.1	4587.8	4436.8
-30°	4522.8	4483.3	4453.1	4397.3	4376.4	4309.1	4255.6	4172.0	4053.5	3944.4	3823.6
-32.5°	3742.3	3702.8	3693.5	3667.9	3654.0	3609.9	3549.5	3489.1	3393.8	3312.5	3215.0
-35°	3050.0	3022.1	3024.5	3022.1	3008.2	2975.7	2901.4	2885.1	2815.4	2741.1	2678.4
-37.5°	2497.2	2499.5	2497.2	2494.8	2476.3	2462.3	2408.9	2388.0	2346.2	2274.2	2237.0
-40°	2081.4	2086.0	2083.7	2079.0	2058.1	2051.2	2016.3	1988.4	1972.2	1921.1	1881.6
-42.5°	1744.5	1751.5	1749.2	1746.9	1732.9	1730.6	1712.0	1679.5	1670.2	1640.0	1598.2
-45°	1489.0	1486.7	1482.0	1486.7	1479.7	1472.7	1461.1	1440.2	1428.6	1414.7	1379.8
-47.5°	1286.9	1289.2	1284.6	1284.6	1275.3	1268.3	1263.7	1249.7	1240.5	1228.8	1207.9
-50°	1119.7	1128.9	1126.6	1124.3	1117.3	1112.7	1112.7	1098.8	1084.8	1080.2	1066.2
-52.5°	989.6	996.5	998.9	1003.5	1005.8	1008.2	1001.2	987.3	964.0	961.7	954.7
-55°	871.1	892.0	905.9	915.2	924.5	931.5	917.6	899.0	875.7	866.5	864.1
-57.5°	789.8	810.7	827.0	840.9	852.5	864.1	850.2	831.6	810.7	799.1	796.8
-60°	715.5	734.0	750.3	768.9	785.2	803.7	796.8	782.8	771.2	761.9	752.6
-62.5°	636.5	655.1	673.7	696.9	717.8	736.4	738.7	736.4	734.0	736.4	720.1
-65°	571.4	580.7	592.4	617.9	641.1	662.0	673.7	680.6	692.2	703.9	687.6
-67.5°	501.8	513.4	527.3	545.9	564.5	578.4	594.7	613.3	631.8	650.4	638.8
-70°	439.0	448.3	459.9	469.2	480.8	490.1	504.1	525.0	545.9	564.5	559.8
-72.5°	374.0	383.3	390.3	394.9	401.9	406.5	413.5	432.1	446.0	455.3	455.3
-75°	309.0	318.2	325.2	327.5	332.2	334.5	339.1	346.1	353.1	355.4	357.7
-77.5°	236.9	246.2	253.2	257.8	262.5	267.1	269.5	274.1	276.4	276.4	278.8
-80°	176.5	183.5	188.2	195.1	197.5	202.1	206.7	209.1	211.4	211.4	213.7
-82.5°	125.4	130.1	134.7	139.4	144.0	146.3	151.0	153.3	155.6	158.0	160.3
-85°	83.6	88.3	92.9	97.6	99.9	102.2	104.5	106.9	109.2	111.5	113.8
-87.5°	48.8	51.1	53.4	58.1	60.4	65.0	67.4	65.0	67.4	67.4	67.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**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°	90.6	90.6	90.6	90.6	88.3	83.6	81.3	76.7	72.0	67.4	62.7
85°	188.2	190.5	190.5	190.5	185.8	183.5	176.5	169.6	160.3	146.3	134.7
82.5°	313.6	315.9	315.9	313.6	309.0	302.0	292.7	281.1	262.5	243.9	227.6
80°	471.6	473.9	473.9	471.6	459.9	448.3	436.7	422.8	399.5	374.0	346.1
77.5°	659.7	664.4	664.4	657.4	641.1	627.2	608.6	585.4	550.5	513.4	476.2
75°	878.1	889.7	892.0	885.0	864.1	838.6	808.4	768.9	715.5	669.0	624.9
72.5°	1131.3	1142.9	1152.2	1142.9	1112.7	1077.8	1033.7	987.3	933.8	871.1	796.8
70°	1463.5	1475.1	1482.0	1451.8	1398.4	1340.3	1286.9	1233.5	1170.8	1094.1	1012.8
67.5°	1881.6	1870.0	1856.0	1795.6	1728.3	1658.6	1584.2	1505.3	1424.0	1342.7	1247.4
65°	2283.5	2250.9	2220.7	2148.7	2062.8	1972.2	1886.2	1798.0	1700.4	1598.2	1507.6
62.5°	2706.2	2636.5	2562.2	2473.9	2385.7	2285.8	2199.8	2095.3	1986.1	1860.7	1744.5
60°	3122.0	3038.4	2964.1	2854.9	2738.7	2604.0	2511.1	2408.9	2281.1	2146.4	2009.3
57.5°	3523.9	3433.3	3352.0	3256.8	3131.3	2985.0	2882.8	2750.4	2615.6	2446.1	2306.7
55°	3951.3	3860.7	3795.7	3688.8	3551.8	3417.0	3305.5	3166.2	2978.0	2796.8	2624.9
52.5°	4441.5	4369.5	4299.8	4190.6	4025.7	3888.6	3765.5	3609.9	3412.4	3189.4	2982.7
50°	4989.7	4952.5	4878.2	4750.4	4562.3	4441.5	4278.9	4072.1	3860.7	3626.1	3368.3
47.5°	5716.8	5656.4	5551.8	5412.5	5254.5	5073.3	4854.9	4613.4	4313.7	4053.5	3779.4
45°	6585.5	6474.0	6339.3	6151.1	5956.0	5751.6	5512.3	5205.7	4803.8	4464.7	4176.6
42.5°	7526.3	7375.3	7191.8	6945.6	6692.4	6441.5	6183.7	5765.5	5263.8	4873.5	4548.3
40°	8508.9	8316.1	8086.2	7728.4	7447.4	7124.5	6829.4	6204.6	5670.3	5247.5	4901.4
37.5°	9470.6	9226.7	8841.1	8406.7	8079.2	7814.4	7166.3	6497.3	6018.7	5554.2	5203.4
35°	10207.0	10000.3	9319.6	8869.0	8587.9	8169.8	7359.1	6673.8	6167.4	5781.8	5235.9
32.5°	10643.7	10109.4	9512.4	9057.1	8824.9	8139.6	7373.0	6724.9	6237.1	5805.0	5152.3
30°	10546.2	9900.4	9377.7	8996.8	8492.7	7877.1	7242.9	6645.9	6172.1	5649.4	5059.4
27.5°	9958.5	9459.0	8992.1	8594.9	8100.1	7547.2	6961.9	6436.9	5995.5	5489.1	4931.6
25°	9294.1	8841.1	8495.0	8148.9	7679.6	7152.3	6636.6	6258.0	5814.3	5314.9	4764.4
22.5°	8683.2	8357.9	8086.2	7723.8	7266.2	6806.2	6485.7	6093.1	5637.8	5131.4	4592.5
20°	8292.9	8072.2	7760.9	7361.4	7001.3	6713.3	6357.9	5942.1	5472.9	4943.2	4446.1
17.5°	8104.7	7849.2	7503.1	7242.9	6966.5	6650.6	6253.4	5812.0	5312.6	4857.3	4462.4
15°	8007.2	7737.7	7510.1	7254.5	6943.3	6611.1	6169.7	5712.1	5312.6	4892.1	4474.0
12.5°	8028.1	7795.8	7547.2	7268.5	6934.0	6578.6	6179.0	5753.9	5340.4	4917.7	4476.3
10°	8093.1	7849.2	7584.4	7275.5	6938.6	6587.9	6204.6	5779.5	5354.4	4929.3	4471.7
7.5°	8116.4	7851.5	7568.1	7256.9	6927.0	6583.2	6209.2	5786.4	5356.7	4927.0	4457.7
5°	8044.3	7805.1	7531.0	7217.4	6894.5	6560.0	6190.6	5777.2	5338.1	4903.7	4422.9
2.5°	7946.8	7754.0	7491.5	7189.5	6862.0	6527.5	6160.4	5735.3	5296.3	4861.9	4378.7
0°	7930.5	7691.3	7426.4	7157.0	6808.5	6455.5	6090.8	5656.4	5219.6	4782.9	4302.1
-2.5°	7823.7	7570.5	7305.7	7013.0	6706.3	6350.9	5967.6	5542.5	5110.5	4680.7	4218.5
-5°	7742.4	7461.3	7180.2	6864.3	6555.3	6199.9	5802.7	5389.2	4966.4	4548.3	4102.3
-7.5°	7633.2	7345.1	7050.1	6720.3	6385.8	6023.4	5630.8	5217.3	4801.5	4385.7	3958.3
-10°	7412.5	7159.3	6882.9	6541.4	6188.3	5825.9	5435.7	5029.2	4613.4	4192.9	3763.2
-12.5°	7145.4	6878.2	6576.2	6262.7	5946.7	5609.9	5219.6	4820.1	4402.0	3979.2	3551.8
-15°	6799.2	6536.8	6227.8	5921.2	5616.9	5294.0	4950.2	4590.1	4165.0	3749.2	3321.8
-17.5°	6367.2	6121.0	5844.5	5551.8	5249.8	4924.6	4590.1	4285.8	3888.6	3498.3	3075.6
-20°	5902.6	5672.6	5424.1	5147.6	4845.7	4527.4	4211.5	3893.3	3549.5	3205.7	2813.1



REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5419.4	5187.1	4936.3	4678.4	4399.7	4104.6	3811.9	3507.6	3205.7	2894.4	2562.2
-25°	4861.9	4657.5	4427.5	4176.6	3928.1	3670.2	3391.5	3115.1	2857.2	2587.8	2316.0
-27.5°	4278.9	4090.7	3881.6	3663.3	3449.6	3233.5	2991.9	2736.4	2522.7	2299.7	2074.4
-30°	3665.6	3514.6	3345.0	3154.6	2989.6	2815.4	2613.3	2401.9	2206.8	2037.2	1856.0
-32.5°	3084.9	2957.1	2836.3	2710.9	2548.3	2413.5	2274.2	2118.5	1946.6	1786.3	1656.3
-35°	2585.4	2448.4	2397.3	2304.4	2188.2	2069.7	1967.5	1856.0	1725.9	1584.2	1477.4
-37.5°	2165.0	2083.7	2011.7	1960.6	1883.9	1788.7	1707.4	1626.1	1526.2	1419.3	1312.5
-40°	1837.4	1781.7	1702.7	1677.2	1628.4	1563.3	1479.7	1417.0	1349.6	1268.3	1177.7
-42.5°	1575.0	1533.1	1482.0	1437.9	1417.0	1370.5	1305.5	1245.1	1191.7	1135.9	1066.2
-45°	1358.9	1331.0	1298.5	1259.0	1242.8	1205.6	1159.1	1091.8	1061.6	1015.1	964.0
-47.5°	1184.7	1170.8	1147.5	1122.0	1098.8	1070.9	1029.1	987.3	945.4	915.2	875.7
-50°	1047.6	1038.4	1024.4	1003.5	973.3	954.7	926.9	889.7	850.2	824.6	796.8
-52.5°	938.5	929.2	919.9	903.6	880.4	861.8	838.6	808.4	775.9	750.3	727.1
-55°	854.8	840.9	833.9	820.0	801.4	780.5	759.6	738.7	710.8	687.6	664.4
-57.5°	789.8	771.2	761.9	750.3	731.7	710.8	694.6	673.7	655.1	629.5	608.6
-60°	738.7	717.8	699.2	687.6	671.3	650.4	634.2	617.9	599.3	578.4	552.9
-62.5°	696.9	671.3	645.8	631.8	615.6	597.0	580.7	564.5	545.9	525.0	501.8
-65°	657.4	627.2	594.7	580.7	564.5	545.9	525.0	513.4	497.1	478.5	455.3
-67.5°	608.6	576.1	548.2	532.0	515.7	499.4	480.8	469.2	453.0	429.7	406.5
-70°	536.6	515.7	497.1	483.2	469.2	455.3	436.7	418.1	399.5	378.6	357.7
-72.5°	446.0	439.0	436.7	429.7	413.5	397.2	378.6	360.1	343.8	327.5	311.3
-75°	360.1	364.7	369.3	367.0	350.8	334.5	318.2	302.0	290.4	276.4	262.5
-77.5°	285.7	290.4	295.0	295.0	283.4	274.1	262.5	250.9	241.6	230.0	216.0
-80°	220.7	227.6	234.6	239.3	230.0	223.0	213.7	204.4	195.1	185.8	176.5
-82.5°	167.3	174.2	181.2	185.8	178.9	174.2	167.3	160.3	153.3	144.0	137.1
-85°	120.8	125.4	130.1	132.4	127.8	123.1	118.5	113.8	109.2	102.2	97.6
-87.5°	69.7	72.0	74.3	76.7	72.0	67.4	65.0	60.4	58.1	53.4	51.1
-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: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-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°	58.1	53.4	48.8	46.5	41.8	34.8	30.2	25.6	20.9	16.3	13.9
85°	123.1	111.5	97.6	90.6	81.3	72.0	62.7	53.4	44.1	34.8	25.6
82.5°	211.4	197.5	183.5	167.3	146.3	120.8	95.2	79.0	65.0	51.1	39.5
80°	318.2	292.7	269.5	248.6	225.3	192.8	158.0	125.4	88.3	67.4	51.1
77.5°	441.4	411.2	378.6	343.8	306.6	262.5	223.0	181.2	137.1	92.9	65.0
75°	580.7	541.2	497.1	448.3	399.5	341.5	285.7	236.9	185.8	130.1	79.0
72.5°	736.4	687.6	634.2	569.1	492.5	425.1	357.7	292.7	232.3	164.9	106.9
70°	936.1	859.5	780.5	710.8	613.3	506.4	427.4	353.1	276.4	202.1	134.7
67.5°	1149.9	1056.9	961.7	859.5	736.4	610.9	497.1	413.5	322.9	236.9	160.3
65°	1382.2	1266.0	1145.2	1031.4	861.8	713.1	585.4	471.6	367.0	269.5	185.8
62.5°	1621.4	1484.4	1345.0	1196.3	1001.2	817.7	669.0	536.6	408.8	299.7	209.1
60°	1876.9	1716.7	1547.1	1361.2	1133.6	931.5	748.0	604.0	453.0	329.9	234.6
57.5°	2146.4	1972.2	1772.4	1521.5	1270.6	1040.7	838.6	664.4	492.5	357.7	253.2
55°	2439.1	2239.3	2021.0	1688.8	1405.4	1149.9	929.2	724.8	534.3	381.0	271.8
52.5°	2755.0	2522.7	2246.3	1865.3	1547.1	1261.4	1012.8	778.2	573.8	406.5	288.0
50°	3108.1	2815.4	2443.7	2027.9	1670.2	1365.9	1096.4	836.3	606.3	434.4	302.0
47.5°	3475.1	3159.2	2620.3	2178.9	1795.6	1468.1	1182.4	887.4	638.8	457.6	315.9
45°	3858.4	3398.5	2803.8	2313.6	1904.8	1561.0	1247.4	933.8	678.3	478.5	327.5
42.5°	4237.0	3579.7	2964.1	2448.4	2007.0	1644.6	1300.8	978.0	710.8	499.4	339.1
40°	4415.9	3716.7	3091.8	2541.3	2093.0	1719.0	1347.3	1017.4	738.7	513.4	350.8
37.5°	4490.2	3800.3	3175.5	2629.6	2160.3	1758.5	1386.8	1052.3	761.9	527.3	360.1
35°	4506.5	3830.5	3217.3	2690.0	2216.1	1795.6	1417.0	1077.8	780.5	541.2	369.3
32.5°	4476.3	3821.2	3228.9	2710.9	2250.9	1823.5	1437.9	1096.4	794.4	555.2	378.6
30°	4408.9	3772.5	3187.1	2708.5	2276.5	1839.8	1451.8	1110.4	808.4	564.5	383.3
27.5°	4299.8	3686.5	3133.6	2710.9	2290.4	1846.7	1458.8	1117.3	817.7	571.4	392.6
25°	4165.0	3570.4	3136.0	2706.2	2292.7	1849.1	1458.8	1117.3	820.0	573.8	399.5
22.5°	4009.4	3570.4	3136.0	2699.3	2278.8	1844.4	1451.8	1112.7	820.0	578.4	406.5
20°	4018.7	3572.7	3129.0	2685.3	2257.9	1830.5	1435.6	1101.1	813.0	585.4	411.2
17.5°	4025.7	3568.0	3115.1	2666.7	2230.0	1807.2	1414.7	1084.8	813.0	592.4	413.5
15°	4025.7	3554.1	3094.2	2638.9	2195.2	1774.7	1384.5	1070.9	815.4	594.7	418.1
12.5°	4018.7	3528.5	3061.6	2601.7	2153.4	1735.2	1365.9	1066.2	815.4	597.0	418.1
10°	4004.8	3493.7	3019.8	2555.2	2113.9	1721.3	1356.6	1056.9	810.7	597.0	418.1
7.5°	3979.2	3451.9	2985.0	2527.4	2090.6	1705.0	1342.7	1043.0	803.7	592.4	422.8
5°	3939.7	3428.7	2957.1	2494.8	2058.1	1693.4	1333.4	1031.4	799.1	592.4	418.1
2.5°	3888.6	3400.8	2924.6	2453.0	2021.0	1653.9	1303.2	1005.8	782.8	583.1	413.5
0°	3805.0	3345.0	2868.8	2395.0	1969.9	1614.4	1273.0	980.3	766.6	573.8	408.8
-2.5°	3728.3	3270.7	2796.8	2334.6	1921.1	1579.6	1249.7	966.3	759.6	571.4	406.5
-5°	3621.5	3168.5	2701.6	2255.6	1856.0	1544.8	1226.5	950.1	752.6	566.8	406.5
-7.5°	3503.0	3061.6	2601.7	2174.3	1791.0	1484.4	1182.4	924.5	736.4	557.5	404.2
-10°	3319.5	2901.4	2476.3	2081.4	1721.3	1430.9	1145.2	901.3	722.4	548.2	394.9
-12.5°	3124.4	2724.8	2332.2	1967.5	1642.3	1375.2	1103.4	875.7	706.2	538.9	390.3
-15°	2917.6	2543.6	2181.2	1849.1	1556.4	1307.8	1059.3	847.9	689.9	527.3	383.3
-17.5°	2701.6	2353.1	2025.6	1728.3	1470.4	1238.1	1012.8	822.3	671.3	515.7	376.3
-20°	2473.9	2158.0	1867.6	1605.2	1379.8	1168.4	964.0	792.1	650.4	501.8	367.0



REPORT NUMBER: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2248.6	1965.2	1705.0	1484.4	1286.9	1096.4	915.2	761.9	627.2	485.5	360.1
-25°	2048.8	1784.0	1561.0	1368.2	1196.3	1026.7	864.1	731.7	601.6	469.2	350.8
-27.5°	1853.7	1628.4	1419.3	1259.0	1108.0	959.4	815.4	699.2	576.1	450.7	341.5
-30°	1672.5	1479.7	1307.8	1152.2	1024.4	899.0	773.5	666.7	548.2	432.1	329.9
-32.5°	1507.6	1352.0	1207.9	1059.3	945.4	838.6	734.0	634.2	520.3	413.5	318.2
-35°	1354.3	1233.5	1108.0	982.6	866.5	782.8	692.2	599.3	494.8	392.6	306.6
-37.5°	1217.2	1119.7	1019.8	912.9	813.0	729.4	652.7	564.5	469.2	374.0	295.0
-40°	1098.8	1019.8	931.5	845.6	761.9	682.9	613.3	529.6	443.7	360.1	283.4
-42.5°	989.6	929.2	857.2	785.2	710.8	641.1	573.8	492.5	418.1	343.8	271.8
-45°	905.9	845.6	787.5	722.4	659.7	599.3	532.0	459.9	394.9	325.2	260.2
-47.5°	827.0	773.5	720.1	666.7	615.6	559.8	492.5	432.1	369.3	309.0	250.9
-50°	757.3	706.2	659.7	613.3	569.1	515.7	453.0	404.2	348.4	292.7	239.3
-52.5°	692.2	648.1	601.6	564.5	527.3	473.9	422.8	376.3	327.5	274.1	227.6
-55°	634.2	592.4	550.5	515.7	480.8	434.4	392.6	353.1	306.6	260.2	216.0
-57.5°	578.4	543.6	504.1	471.6	436.7	399.5	364.7	327.5	285.7	246.2	204.4
-60°	527.3	494.8	459.9	427.4	397.2	367.0	334.5	304.3	267.1	230.0	192.8
-62.5°	476.2	448.3	418.1	385.6	362.4	334.5	309.0	278.8	248.6	216.0	171.9
-65°	429.7	404.2	376.3	348.4	327.5	306.6	283.4	255.5	230.0	199.8	153.3
-67.5°	383.3	360.1	336.8	313.6	295.0	278.8	255.5	234.6	213.7	181.2	134.7
-70°	339.1	320.6	299.7	281.1	267.1	248.6	232.3	213.7	195.1	158.0	113.8
-72.5°	297.3	278.8	262.5	248.6	236.9	220.7	206.7	192.8	167.3	132.4	95.2
-75°	248.6	236.9	227.6	216.0	204.4	192.8	181.2	164.9	139.4	106.9	74.3
-77.5°	204.4	197.5	190.5	181.2	171.9	162.6	148.7	132.4	111.5	83.6	60.4
-80°	167.3	160.3	155.6	146.3	139.4	130.1	116.1	102.2	81.3	65.0	48.8
-82.5°	127.8	123.1	118.5	113.8	106.9	97.6	83.6	72.0	60.4	48.8	37.2
-85°	90.6	88.3	83.6	79.0	72.0	65.0	55.8	48.8	41.8	32.5	25.6
-87.5°	46.5	44.1	41.8	39.5	37.2	32.5	27.9	23.2	20.9	16.3	11.6
-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: P722201  
 CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.3	7.0	2.3	0.0
85°	18.6	11.6	4.6	0.0
82.5°	27.9	18.6	7.0	0.0
80°	37.2	23.2	11.6	0.0
77.5°	46.5	27.9	13.9	0.0
75°	55.8	34.8	16.3	0.0
72.5°	62.7	39.5	18.6	0.0
70°	74.3	46.5	20.9	0.0
67.5°	92.9	51.1	23.2	0.0
65°	109.2	55.8	25.6	0.0
62.5°	127.8	60.4	27.9	0.0
60°	144.0	65.0	30.2	0.0
57.5°	160.3	76.7	32.5	0.0
55°	174.2	85.9	34.8	0.0
52.5°	190.5	95.2	37.2	0.0
50°	204.4	104.5	39.5	0.0
47.5°	216.0	113.8	39.5	0.0
45°	225.3	120.8	41.8	0.0
42.5°	232.3	127.8	44.1	0.0
40°	239.3	134.7	46.5	0.0
37.5°	246.2	141.7	46.5	0.0
35°	253.2	148.7	48.8	0.0
32.5°	260.2	155.6	48.8	0.0
30°	264.8	160.3	51.1	0.0
27.5°	271.8	164.9	51.1	0.0
25°	274.1	169.6	53.4	0.0
22.5°	278.8	171.9	53.4	0.0
20°	283.4	176.5	53.4	0.0
17.5°	285.7	178.9	55.8	0.0
15°	285.7	181.2	58.1	0.0
12.5°	288.0	183.5	58.1	0.0
10°	288.0	188.2	55.8	0.0
7.5°	292.7	185.8	55.8	0.0
5°	290.4	185.8	55.8	0.0
2.5°	288.0	183.5	55.8	0.0
0°	285.7	183.5	55.8	0.0
-2.5°	285.7	183.5	55.8	0.0
-5°	285.7	183.5	55.8	0.0
-7.5°	283.4	185.8	55.8	0.0
-10°	278.8	185.8	55.8	0.0
-12.5°	276.4	178.9	55.8	0.0
-15°	274.1	176.5	55.8	0.0
-17.5°	269.5	174.2	53.4	0.0
-20°	264.8	171.9	53.4	0.0



REPORT NUMBER: P722201

CATALOG NUMBER: IFLD-S-SA6A-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	260.2	167.3	53.4	0.0
-25°	255.5	162.6	51.1	0.0
-27.5°	250.9	158.0	51.1	0.0
-30°	243.9	153.3	48.8	0.0
-32.5°	236.9	148.7	48.8	0.0
-35°	232.3	141.7	46.5	0.0
-37.5°	225.3	134.7	46.5	0.0
-40°	218.4	127.8	44.1	0.0
-42.5°	211.4	120.8	41.8	0.0
-45°	202.1	113.8	41.8	0.0
-47.5°	195.1	106.9	39.5	0.0
-50°	183.5	97.6	37.2	0.0
-52.5°	169.6	88.3	34.8	0.0
-55°	155.6	81.3	32.5	0.0
-57.5°	141.7	72.0	32.5	0.0
-60°	127.8	62.7	30.2	0.0
-62.5°	113.8	58.1	27.9	0.0
-65°	99.9	53.4	25.6	0.0
-67.5°	83.6	46.5	23.2	0.0
-70°	69.7	41.8	20.9	0.0
-72.5°	60.4	37.2	18.6	0.0
-75°	51.1	32.5	16.3	0.0
-77.5°	44.1	27.9	13.9	0.0
-80°	34.8	20.9	9.3	0.0
-82.5°	25.6	16.3	7.0	0.0
-85°	16.3	11.6	4.6	0.0
-87.5°	9.3	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)