

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: P722288

Luminaire Tested: **IFLD-S-SA6A-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722288  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6A-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

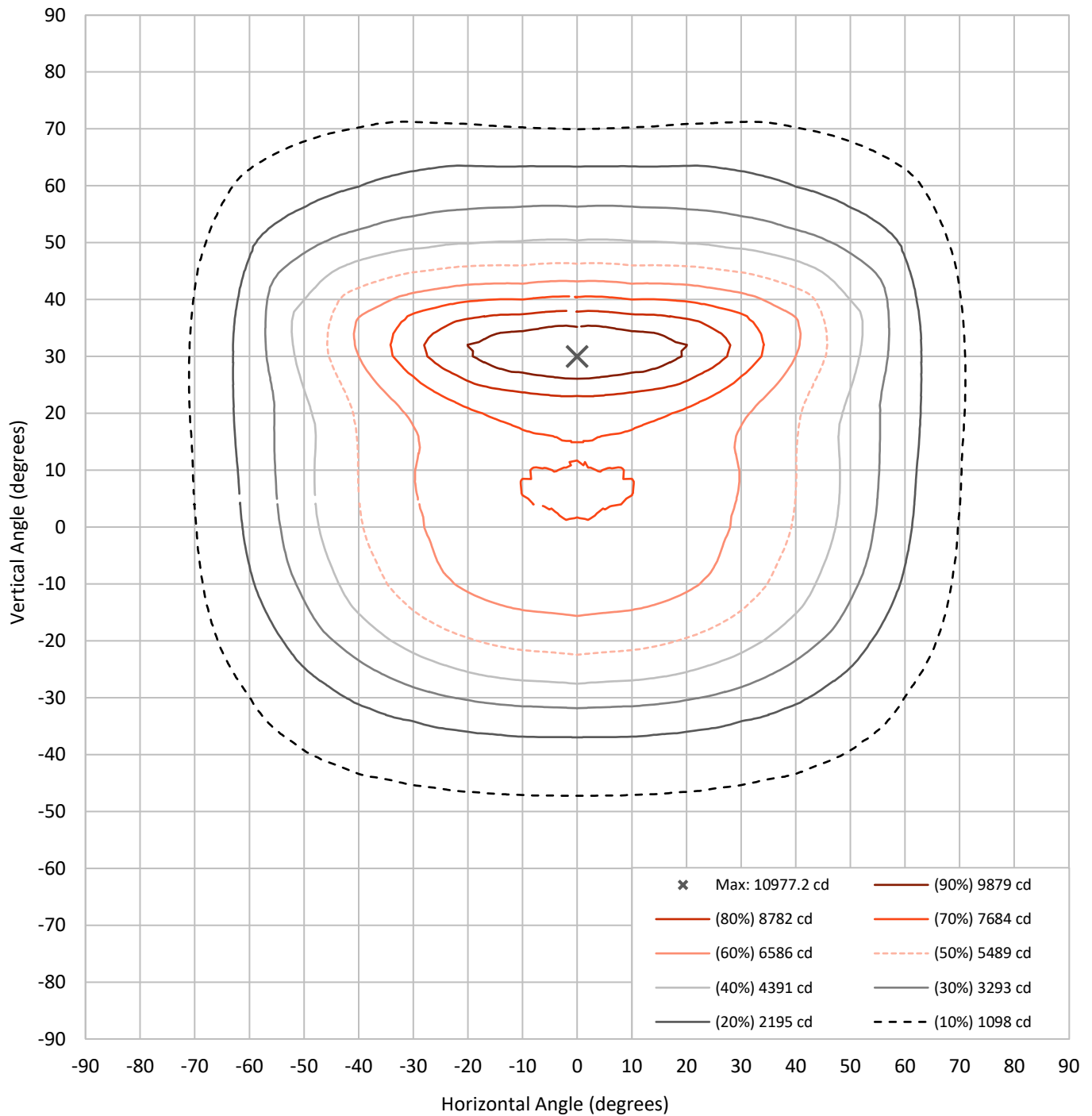
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18323.7 lumens	Max Intensity:	10977.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	96.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10655.4 lumens	Field Lumens:	17171.6 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



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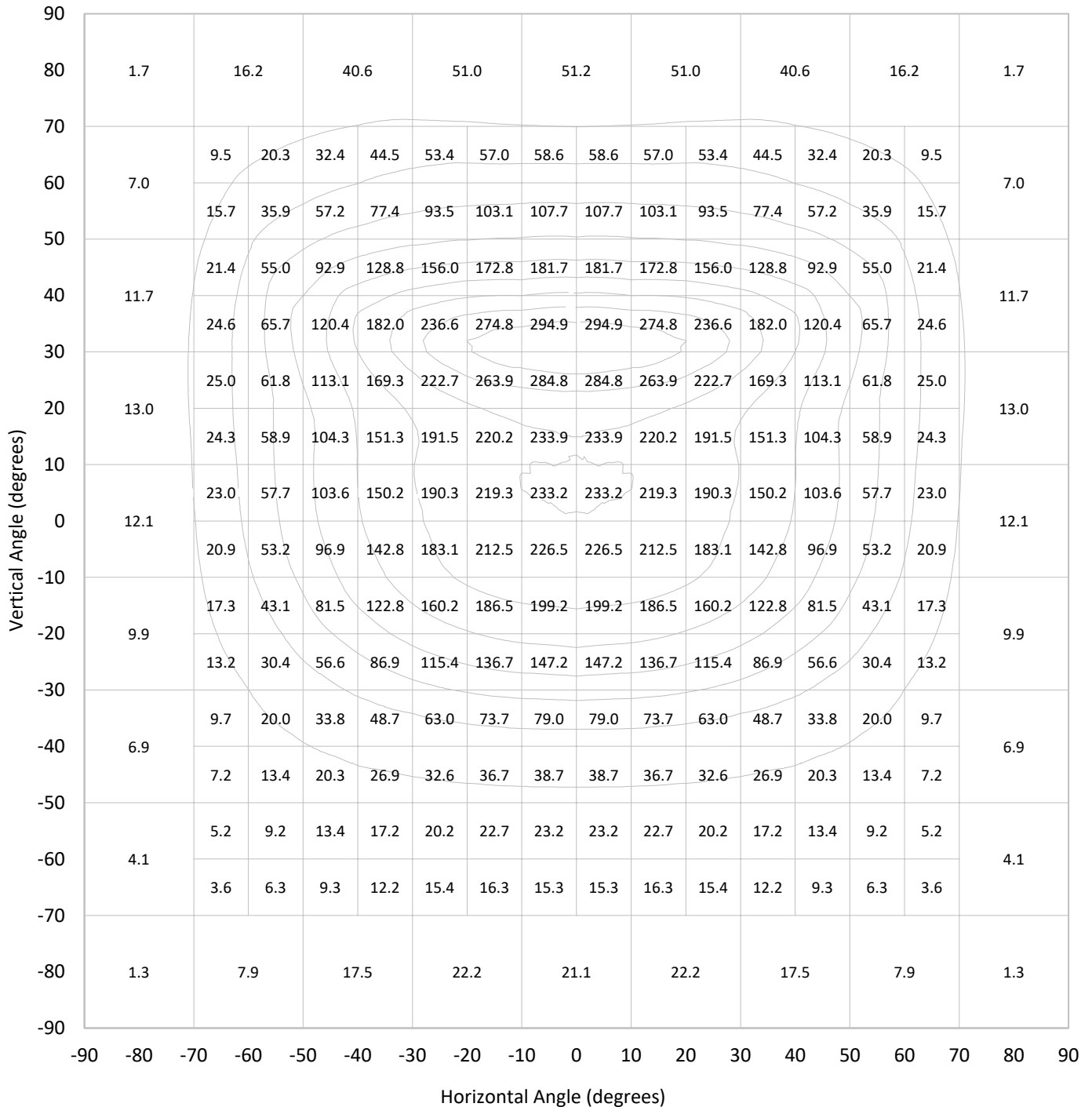
### Iso-Candela Plot





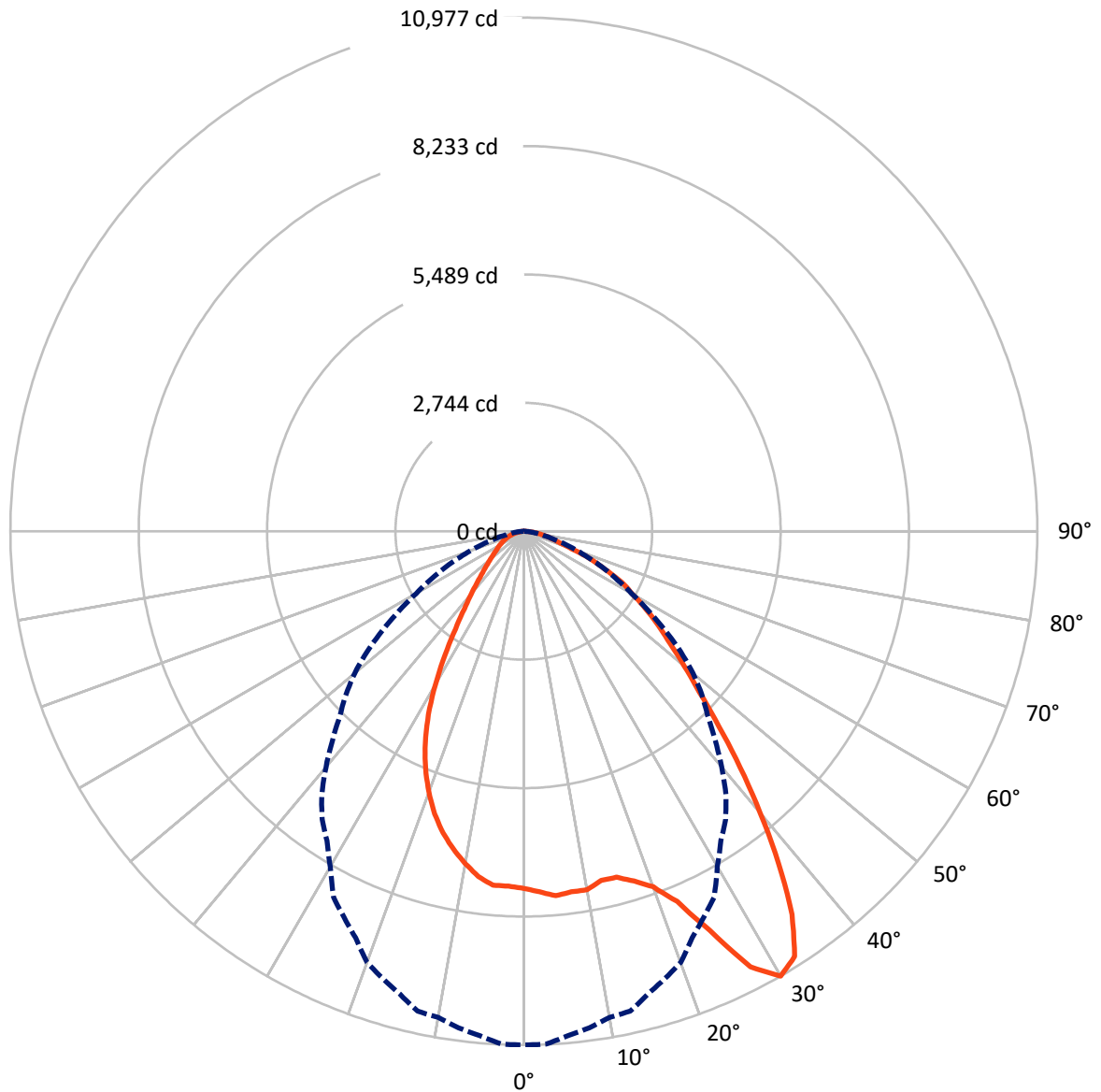
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### Lumen Table



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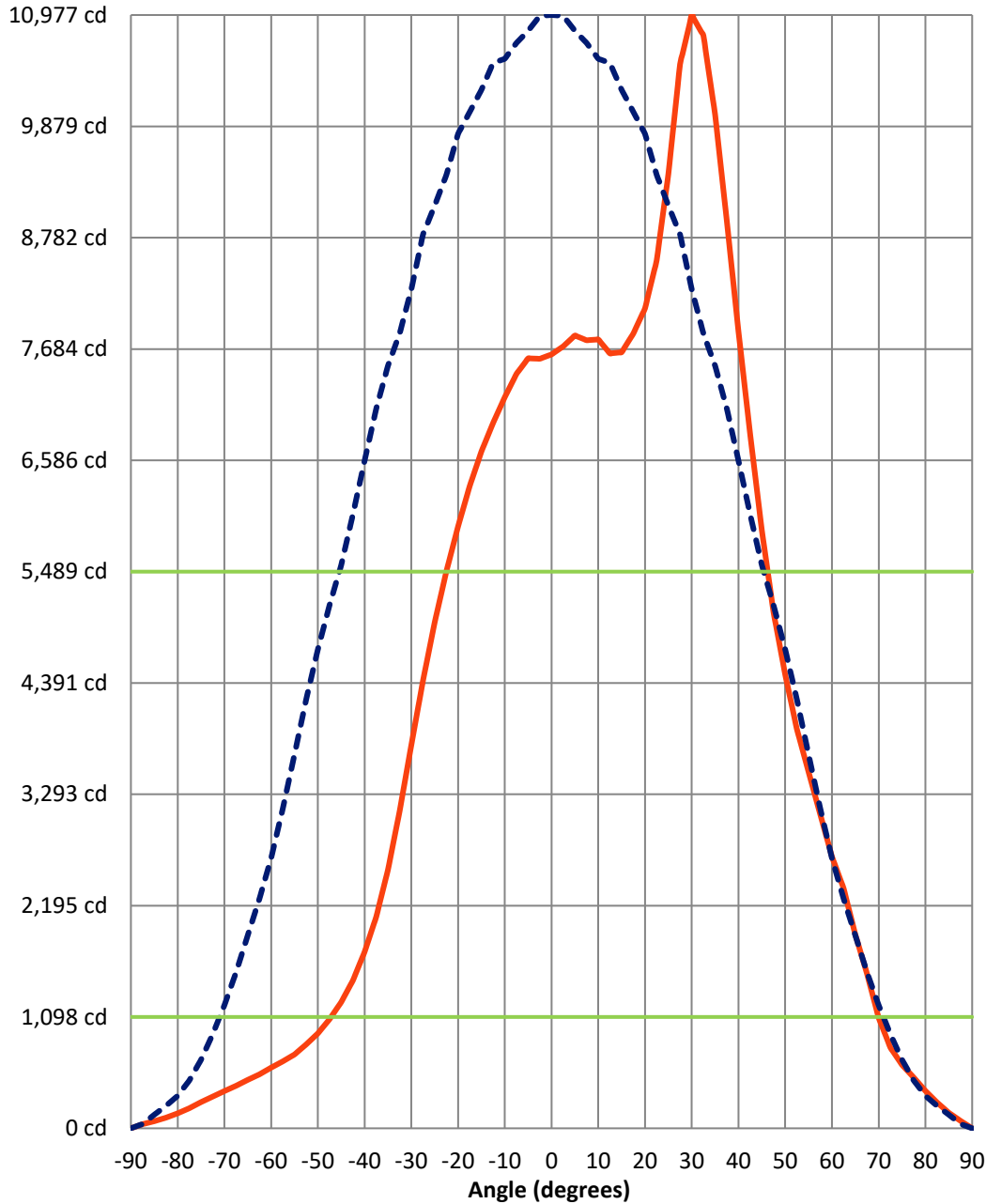
### Luminous Intensity Polar Plot



— 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: 10655.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 17171.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1152  
 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°	73.8	75.7	77.6	77.6	75.7	75.7	75.7	73.8	75.7	75.7	75.7
85°	153.4	157.2	161.1	159.2	157.2	153.4	149.5	151.4	153.4	155.3	155.3
82.5°	254.3	260.1	264.0	262.1	258.2	254.3	250.4	252.3	256.2	258.2	258.2
80°	368.8	370.8	372.7	376.6	370.8	370.8	368.8	376.6	380.5	384.3	388.2
77.5°	500.8	502.8	502.8	504.7	506.6	508.6	508.6	522.2	531.9	537.7	543.5
75°	625.0	630.9	636.7	642.5	650.3	654.2	660.0	679.4	694.9	706.6	718.2
72.5°	795.9	803.6	813.3	826.9	840.5	850.2	863.8	887.1	904.6	916.2	929.8
70°	1089.0	1096.7	1106.5	1116.2	1129.7	1139.5	1153.0	1182.2	1199.6	1207.4	1215.2
67.5°	1523.8	1543.2	1560.7	1541.3	1531.6	1518.0	1521.9	1549.0	1566.5	1578.2	1576.2
65°	1910.1	1923.7	1923.7	1921.7	1914.0	1896.5	1906.2	1939.2	1958.6	1968.3	1939.2
62.5°	2364.3	2364.3	2354.6	2370.1	2372.1	2360.4	2354.6	2356.5	2358.5	2364.3	2315.8
60°	2678.8	2698.2	2704.0	2717.6	2721.5	2721.5	2731.2	2739.0	2739.0	2727.3	2671.0
57.5°	3094.2	3131.1	3138.8	3129.1	3109.7	3084.5	3080.6	3068.9	3045.7	3022.4	2995.2
55°	3513.5	3532.9	3530.9	3525.1	3505.7	3476.6	3480.5	3464.9	3428.1	3398.9	3362.1
52.5°	3934.7	3981.3	3989.1	3977.4	3950.2	3919.2	3921.1	3903.6	3866.8	3835.7	3785.2
50°	4472.4	4511.2	4507.3	4487.9	4449.1	4425.8	4427.7	4394.8	4352.0	4342.3	4276.3
47.5°	5087.7	5132.4	5124.6	5097.4	5045.0	5035.3	5045.0	5002.3	4977.1	4955.7	4878.1
45°	5895.3	5947.7	5918.5	5866.1	5782.7	5792.4	5806.0	5798.2	5743.8	5687.6	5588.6
42.5°	6842.5	6875.5	6840.6	6788.2	6683.4	6702.8	6695.0	6648.4	6615.4	6522.2	6396.1
40°	7855.8	7927.6	7873.3	7791.8	7683.0	7712.2	7690.8	7630.6	7553.0	7436.5	7277.3
37.5°	8948.7	9005.0	8942.9	8847.7	8750.7	8741.0	8698.3	8605.1	8494.4	8366.3	8112.0
35°	9995.0	10140.5	10026.0	9874.6	9756.2	9711.5	9670.8	9455.3	9329.1	9121.4	8774.0
32.5°	10773.4	10880.1	10738.4	10581.2	10437.5	10375.4	10231.8	9975.5	9907.6	9470.8	9152.5
30°	10977.2	10969.4	10821.9	10701.5	10546.2	10503.5	10239.5	10022.1	9804.7	9401.0	9098.1
27.5°	10491.9	10443.4	10301.7	10196.8	10043.5	9993.0	9732.9	9616.4	9280.6	8939.0	8682.7
25°	9410.7	9435.9	9329.1	9276.7	9175.8	9067.1	8964.2	8807.0	8597.3	8298.4	8063.5
22.5°	8558.5	8591.5	8546.9	8484.7	8407.1	8346.9	8269.3	8147.0	7945.1	7760.7	7539.4
20°	8084.9	8075.2	8036.3	7989.7	7916.0	7873.3	7787.9	7685.0	7529.7	7370.5	7131.8
17.5°	7836.4	7776.2	7739.3	7721.9	7683.0	7628.7	7527.8	7422.9	7302.6	7122.1	6947.4
15°	7652.0	7661.7	7632.6	7619.0	7587.9	7512.2	7409.3	7323.9	7160.9	7069.6	6910.5
12.5°	7640.3	7630.6	7632.6	7626.8	7587.9	7490.9	7438.5	7329.8	7224.9	7104.6	6922.1
10°	7778.2	7675.3	7683.0	7710.2	7648.1	7570.5	7514.2	7395.8	7296.8	7143.4	6962.9
7.5°	7770.4	7718.0	7733.5	7688.9	7708.3	7613.2	7535.5	7417.1	7292.9	7129.8	6966.8
5°	7817.0	7737.4	7723.8	7727.7	7679.2	7607.3	7502.5	7389.9	7273.5	7091.0	6924.1
2.5°	7710.2	7721.9	7659.8	7636.5	7630.6	7510.3	7413.2	7304.5	7184.2	7023.1	6873.6
0°	7630.6	7652.0	7587.9	7554.9	7553.0	7450.1	7388.0	7263.8	7178.4	7044.4	6863.9
-2.5°	7587.9	7613.2	7620.9	7560.8	7502.5	7422.9	7318.1	7184.2	7044.4	6889.1	6733.8
-5°	7591.8	7541.3	7520.0	7539.4	7488.9	7409.3	7292.9	7174.5	7036.6	6869.7	6675.6
-7.5°	7438.5	7388.0	7384.1	7374.4	7362.8	7287.1	7190.0	7061.9	6922.1	6766.8	6586.3
-10°	7209.4	7172.5	7162.8	7153.1	7122.1	7077.4	6986.2	6869.7	6743.5	6588.2	6396.1
-12.5°	6955.1	6937.6	6900.8	6875.5	6844.5	6792.1	6704.7	6597.9	6471.8	6334.0	6169.0
-15°	6673.7	6640.7	6603.8	6582.4	6537.8	6475.7	6388.3	6289.3	6151.5	6015.6	5860.3
-17.5°	6334.0	6293.2	6252.4	6246.6	6215.5	6120.4	6038.9	5918.5	5798.2	5668.1	5516.7
-20°	5934.1	5877.8	5850.6	5835.1	5792.4	5722.5	5635.1	5524.5	5408.0	5283.8	5109.1



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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°	5491.5	5443.0	5396.4	5367.3	5330.4	5276.0	5192.6	5095.5	4981.0	4841.2	4680.1
-25°	4988.7	4920.8	4891.7	4858.7	4839.3	4788.8	4707.3	4618.0	4499.6	4363.7	4210.3
-27.5°	4414.2	4359.8	4344.3	4297.7	4274.4	4222.0	4154.0	4070.6	3961.9	3833.8	3707.6
-30°	3779.4	3746.4	3721.2	3674.6	3657.1	3600.8	3556.2	3486.3	3387.3	3296.1	3195.1
-32.5°	3127.2	3094.2	3086.4	3065.1	3053.4	3016.5	2966.1	2915.6	2836.0	2768.1	2686.5
-35°	2548.7	2525.4	2527.4	2525.4	2513.8	2486.6	2424.5	2410.9	2352.7	2290.6	2238.1
-37.5°	2086.7	2088.7	2086.7	2084.8	2069.3	2057.6	2013.0	1995.5	1960.6	1900.4	1869.3
-40°	1739.3	1743.1	1741.2	1737.3	1719.9	1714.0	1684.9	1661.6	1648.0	1605.3	1572.3
-42.5°	1457.8	1463.6	1461.7	1459.7	1448.1	1446.2	1430.6	1403.4	1395.7	1370.4	1335.5
-45°	1244.3	1242.3	1238.4	1242.3	1236.5	1230.7	1221.0	1203.5	1193.8	1182.2	1153.0
-47.5°	1075.4	1077.3	1073.5	1073.5	1065.7	1059.9	1056.0	1044.3	1036.6	1026.9	1009.4
-50°	935.6	943.4	941.5	939.5	933.7	929.8	929.8	918.2	906.5	902.6	891.0
-52.5°	826.9	832.8	834.7	838.6	840.5	842.5	836.6	825.0	805.6	803.6	797.8
-55°	727.9	745.4	757.0	764.8	772.6	778.4	766.8	751.2	731.8	724.0	722.1
-57.5°	660.0	677.5	691.0	702.7	712.4	722.1	710.5	694.9	677.5	667.8	665.8
-60°	597.9	613.4	627.0	642.5	656.1	671.6	665.8	654.2	644.5	636.7	628.9
-62.5°	531.9	547.4	562.9	582.3	599.8	615.3	617.3	615.3	613.4	615.3	601.8
-65°	477.5	485.3	495.0	516.3	535.8	553.2	562.9	568.8	578.5	588.2	574.6
-67.5°	419.3	429.0	440.6	456.2	471.7	483.3	496.9	512.5	528.0	543.5	533.8
-70°	366.9	374.6	384.3	392.1	401.8	409.6	421.2	438.7	456.2	471.7	467.8
-72.5°	312.5	320.3	326.1	330.0	335.8	339.7	345.5	361.1	372.7	380.5	380.5
-75°	258.2	265.9	271.8	273.7	277.6	279.5	283.4	289.2	295.1	297.0	298.9
-77.5°	198.0	205.8	211.6	215.5	219.3	223.2	225.2	229.1	231.0	231.0	232.9
-80°	147.5	153.4	157.2	163.1	165.0	168.9	172.8	174.7	176.6	176.6	178.6
-82.5°	104.8	108.7	112.6	116.5	120.4	122.3	126.2	128.1	130.1	132.0	133.9
-85°	69.9	73.8	77.6	81.5	83.5	85.4	87.4	89.3	91.2	93.2	95.1
-87.5°	40.8	42.7	44.6	48.5	50.5	54.4	56.3	54.4	56.3	56.3	56.3
-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°	75.7	75.7	75.7	75.7	73.8	69.9	67.9	64.1	60.2	56.3	52.4
85°	157.2	159.2	159.2	159.2	155.3	153.4	147.5	141.7	133.9	122.3	112.6
82.5°	262.1	264.0	264.0	262.1	258.2	252.3	244.6	234.9	219.3	203.8	190.2
80°	394.1	396.0	396.0	394.1	384.3	374.6	364.9	353.3	333.9	312.5	289.2
77.5°	551.3	555.2	555.2	549.3	535.8	524.1	508.6	489.2	460.1	429.0	397.9
75°	733.8	743.5	745.4	739.6	722.1	700.8	675.5	642.5	597.9	559.0	522.2
72.5°	945.3	955.0	962.8	955.0	929.8	900.7	863.8	825.0	780.3	727.9	665.8
70°	1222.9	1232.6	1238.4	1213.2	1168.6	1120.0	1075.4	1030.7	978.3	914.3	846.3
67.5°	1572.3	1562.6	1551.0	1500.5	1444.2	1386.0	1323.9	1257.9	1189.9	1122.0	1042.4
65°	1908.1	1881.0	1855.7	1795.6	1723.7	1648.0	1576.2	1502.4	1420.9	1335.5	1259.8
62.5°	2261.4	2203.2	2141.1	2067.3	1993.6	1910.1	1838.3	1750.9	1659.7	1554.9	1457.8
60°	2608.9	2539.0	2476.9	2385.7	2288.6	2176.0	2098.4	2013.0	1906.2	1793.6	1679.1
57.5°	2944.7	2869.0	2801.1	2721.5	2616.7	2494.4	2409.0	2298.3	2185.7	2044.0	1927.6
55°	3301.9	3226.2	3171.8	3082.5	2968.0	2855.4	2762.2	2645.8	2488.5	2337.1	2193.5
52.5°	3711.5	3651.3	3593.1	3501.8	3364.0	3249.5	3146.6	3016.5	2851.5	2665.2	2492.4
50°	4169.6	4138.5	4076.4	3969.6	3812.4	3711.5	3575.6	3402.8	3226.2	3030.1	2814.7
47.5°	4777.2	4726.7	4639.3	4522.9	4390.9	4239.5	4057.0	3855.1	3604.7	3387.3	3158.2
45°	5503.1	5410.0	5297.4	5140.1	4977.1	4806.3	4606.3	4350.1	4014.3	3730.9	3490.2
42.5°	6289.3	6163.1	6009.8	5804.0	5592.4	5382.8	5167.3	4817.9	4398.6	4072.5	3800.8
40°	7110.4	6949.3	6757.1	6458.2	6223.3	5953.5	5707.0	5184.8	4738.3	4385.0	4095.8
37.5°	7914.0	7710.2	7388.0	7025.0	6751.3	6530.0	5988.4	5429.4	5029.5	4641.3	4348.2
35°	8529.4	8356.6	7787.9	7411.3	7176.4	6827.0	6149.5	5576.9	5153.7	4831.5	4375.3
32.5°	8894.3	8447.9	7949.0	7568.5	7374.4	6801.8	6161.2	5619.6	5212.0	4850.9	4305.5
30°	8812.8	8273.2	7836.4	7518.1	7096.8	6582.4	6052.5	5553.6	5157.6	4720.9	4227.8
27.5°	8321.7	7904.3	7514.2	7182.2	6768.8	6306.8	5817.6	5378.9	5010.1	4586.9	4121.0
25°	7766.5	7388.0	7098.8	6809.5	6417.4	5976.8	5545.8	5229.4	4858.7	4441.3	3981.3
22.5°	7256.0	6984.2	6757.1	6454.3	6071.9	5687.6	5419.7	5091.6	4711.2	4288.0	3837.6
20°	6929.9	6745.5	6485.4	6151.5	5850.6	5609.9	5312.9	4965.4	4573.3	4130.8	3715.3
17.5°	6772.7	6559.1	6269.9	6052.5	5821.5	5557.5	5225.6	4856.7	4439.4	4058.9	3728.9
15°	6691.1	6466.0	6275.7	6062.2	5802.1	5524.5	5155.7	4773.3	4439.4	4088.0	3738.6
12.5°	6708.6	6514.5	6306.8	6073.8	5794.3	5497.3	5163.4	4808.2	4462.7	4109.4	3740.6
10°	6762.9	6559.1	6337.8	6079.7	5798.2	5505.1	5184.8	4829.6	4474.3	4119.1	3736.7
7.5°	6782.4	6561.1	6324.2	6064.1	5788.5	5501.2	5188.7	4835.4	4476.3	4117.2	3725.1
5°	6722.2	6522.2	6293.2	6031.1	5761.3	5481.8	5173.1	4827.6	4460.7	4097.8	3695.9
2.5°	6640.7	6479.5	6260.2	6007.8	5734.1	5454.6	5147.9	4792.7	4425.8	4062.8	3659.1
0°	6627.1	6427.1	6205.8	5980.7	5689.5	5394.4	5089.7	4726.7	4361.8	3996.8	3595.0
-2.5°	6537.8	6326.2	6104.9	5860.3	5604.1	5307.1	4986.8	4631.6	4270.5	3911.4	3525.1
-5°	6469.8	6235.0	6000.1	5736.1	5477.9	5180.9	4849.0	4503.5	4150.2	3800.8	3428.1
-7.5°	6378.6	6137.9	5891.4	5615.7	5336.2	5033.4	4705.3	4359.8	4012.3	3664.9	3307.7
-10°	6194.2	5982.6	5751.6	5466.3	5171.2	4868.4	4542.3	4202.6	3855.1	3503.8	3144.7
-12.5°	5971.0	5747.7	5495.4	5233.3	4969.3	4687.9	4361.8	4027.9	3678.5	3325.2	2968.0
-15°	5681.7	5462.4	5204.2	4948.0	4693.7	4423.9	4136.6	3835.7	3480.5	3133.0	2775.8
-17.5°	5320.7	5114.9	4883.9	4639.3	4387.0	4115.2	3835.7	3581.4	3249.5	2923.4	2570.1
-20°	4932.4	4740.3	4532.6	4301.6	4049.2	3783.3	3519.3	3253.4	2966.1	2678.8	2350.7



REPORT NUMBER: P722288

CATALOG NUMBER: IFLD-S-SA6A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4528.7	4334.6	4124.9	3909.5	3676.5	3430.0	3185.4	2931.1	2678.8	2418.7	2141.1
-25°	4062.8	3892.0	3699.8	3490.2	3282.5	3067.0	2834.1	2603.1	2387.6	2162.4	1935.3
-27.5°	3575.6	3418.4	3243.7	3061.2	2882.6	2702.1	2500.2	2286.7	2108.1	1921.7	1733.4
-30°	3063.1	2937.0	2795.2	2636.1	2498.3	2352.7	2183.8	2007.1	1844.1	1702.4	1551.0
-32.5°	2577.8	2471.1	2370.1	2265.3	2129.4	2016.8	1900.4	1770.3	1626.7	1492.7	1384.0
-35°	2160.5	2046.0	2003.3	1925.6	1828.6	1729.6	1644.1	1551.0	1442.3	1323.9	1234.6
-37.5°	1809.1	1741.2	1681.0	1638.3	1574.3	1494.7	1426.7	1358.8	1275.3	1186.0	1096.7
-40°	1535.4	1488.9	1422.9	1401.5	1360.7	1306.4	1236.5	1184.1	1127.8	1059.9	984.2
-42.5°	1316.1	1281.2	1238.4	1201.6	1184.1	1145.3	1090.9	1040.5	995.8	949.2	891.0
-45°	1135.6	1112.3	1085.1	1052.1	1038.5	1007.5	968.6	912.3	887.1	848.3	805.6
-47.5°	990.0	978.3	958.9	937.6	918.2	894.9	859.9	825.0	790.0	764.8	731.8
-50°	875.5	867.7	856.0	838.6	813.3	797.8	774.5	743.5	710.5	689.1	665.8
-52.5°	784.2	776.5	768.7	755.1	735.7	720.2	700.8	675.5	648.3	627.0	607.6
-55°	714.3	702.7	696.9	685.2	669.7	652.2	634.8	617.3	594.0	574.6	555.2
-57.5°	660.0	644.5	636.7	627.0	611.5	594.0	580.4	562.9	547.4	526.1	508.6
-60°	617.3	599.8	584.3	574.6	561.0	543.5	529.9	516.3	500.8	483.3	462.0
-62.5°	582.3	561.0	539.6	528.0	514.4	498.9	485.3	471.7	456.2	438.7	419.3
-65°	549.3	524.1	496.9	485.3	471.7	456.2	438.7	429.0	415.4	399.9	380.5
-67.5°	508.6	481.4	458.1	444.5	430.9	417.3	401.8	392.1	378.5	359.1	339.7
-70°	448.4	430.9	415.4	403.8	392.1	380.5	364.9	349.4	333.9	316.4	298.9
-72.5°	372.7	366.9	364.9	359.1	345.5	331.9	316.4	300.9	287.3	273.7	260.1
-75°	300.9	304.8	308.6	306.7	293.1	279.5	265.9	252.3	242.6	231.0	219.3
-77.5°	238.8	242.6	246.5	246.5	236.8	229.1	219.3	209.6	201.9	192.2	180.5
-80°	184.4	190.2	196.1	199.9	192.2	186.3	178.6	170.8	163.1	155.3	147.5
-82.5°	139.8	145.6	151.4	155.3	149.5	145.6	139.8	133.9	128.1	120.4	114.5
-85°	100.9	104.8	108.7	110.6	106.8	102.9	99.0	95.1	91.2	85.4	81.5
-87.5°	58.2	60.2	62.1	64.1	60.2	56.3	54.4	50.5	48.5	44.6	42.7
-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: P722288  
 CATALOG NUMBER: IFLD-S-SA6A-935-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°	48.5	44.6	40.8	38.8	34.9	29.1	25.2	21.4	17.5	13.6	11.6
85°	102.9	93.2	81.5	75.7	67.9	60.2	52.4	44.6	36.9	29.1	21.4
82.5°	176.6	165.0	153.4	139.8	122.3	100.9	79.6	66.0	54.4	42.7	33.0
80°	265.9	244.6	225.2	207.7	188.3	161.1	132.0	104.8	73.8	56.3	42.7
77.5°	368.8	343.6	316.4	287.3	256.2	219.3	186.3	151.4	114.5	77.6	54.4
75°	485.3	452.3	415.4	374.6	333.9	285.3	238.8	198.0	155.3	108.7	66.0
72.5°	615.3	574.6	529.9	475.6	411.5	355.2	298.9	244.6	194.1	137.8	89.3
70°	782.3	718.2	652.2	594.0	512.5	423.2	357.2	295.1	231.0	168.9	112.6
67.5°	960.9	883.2	803.6	718.2	615.3	510.5	415.4	345.5	269.8	198.0	133.9
65°	1155.0	1057.9	957.0	861.9	720.2	595.9	489.2	394.1	306.7	225.2	155.3
62.5°	1354.9	1240.4	1123.9	999.7	836.6	683.3	559.0	448.4	341.6	250.4	174.7
60°	1568.4	1434.5	1292.8	1137.5	947.3	778.4	625.0	504.7	378.5	275.6	196.1
57.5°	1793.6	1648.0	1481.1	1271.4	1061.8	869.6	700.8	555.2	411.5	298.9	211.6
55°	2038.2	1871.3	1688.8	1411.2	1174.4	960.9	776.5	605.6	446.5	318.3	227.1
52.5°	2302.2	2108.1	1877.1	1558.7	1292.8	1054.0	846.3	650.3	479.5	339.7	240.7
50°	2597.3	2352.7	2042.1	1694.6	1395.7	1141.4	916.2	698.8	506.6	363.0	252.3
47.5°	2904.0	2640.0	2189.6	1820.8	1500.5	1226.8	988.0	741.5	533.8	382.4	264.0
45°	3224.2	2839.9	2343.0	1933.4	1591.7	1304.4	1042.4	780.3	566.8	399.9	273.7
42.5°	3540.6	2991.3	2476.9	2046.0	1677.1	1374.3	1087.0	817.2	594.0	417.3	283.4
40°	3690.1	3105.8	2583.7	2123.6	1749.0	1436.4	1125.9	850.2	617.3	429.0	293.1
37.5°	3752.2	3175.7	2653.5	2197.4	1805.3	1469.4	1158.9	879.3	636.7	440.6	300.9
35°	3765.8	3200.9	2688.5	2247.8	1851.9	1500.5	1184.1	900.7	652.2	452.3	308.6
32.5°	3740.6	3193.2	2698.2	2265.3	1881.0	1523.8	1201.6	916.2	663.9	463.9	316.4
30°	3684.3	3152.4	2663.2	2263.4	1902.3	1537.4	1213.2	927.9	675.5	471.7	320.3
27.5°	3593.1	3080.6	2618.6	2265.3	1914.0	1543.2	1219.0	933.7	683.3	477.5	328.1
25°	3480.5	2983.5	2620.5	2261.4	1915.9	1545.2	1219.0	933.7	685.2	479.5	333.9
22.5°	3350.4	2983.5	2620.5	2255.6	1904.3	1541.3	1213.2	929.8	685.2	483.3	339.7
20°	3358.2	2985.5	2614.7	2244.0	1886.8	1529.6	1199.6	920.1	679.4	489.2	343.6
17.5°	3364.0	2981.6	2603.1	2228.4	1863.5	1510.2	1182.2	906.5	679.4	495.0	345.5
15°	3364.0	2970.0	2585.6	2205.1	1834.4	1483.0	1156.9	894.9	681.3	496.9	349.4
12.5°	3358.2	2948.6	2558.4	2174.1	1799.4	1450.0	1141.4	891.0	681.3	498.9	349.4
10°	3346.5	2919.5	2523.5	2135.3	1766.4	1438.4	1133.6	883.2	677.5	498.9	349.4
7.5°	3325.2	2884.5	2494.4	2112.0	1747.0	1424.8	1122.0	871.6	671.6	495.0	353.3
5°	3292.2	2865.1	2471.1	2084.8	1719.9	1415.1	1114.2	861.9	667.8	495.0	349.4
2.5°	3249.5	2841.8	2443.9	2049.8	1688.8	1382.1	1089.0	840.5	654.2	487.2	345.5
0°	3179.6	2795.2	2397.3	2001.3	1646.1	1349.1	1063.7	819.2	640.6	479.5	341.6
-2.5°	3115.5	2733.1	2337.1	1950.8	1605.3	1320.0	1044.3	807.5	634.8	477.5	339.7
-5°	3026.2	2647.7	2257.6	1884.9	1551.0	1290.9	1024.9	793.9	628.9	473.6	339.7
-7.5°	2927.2	2558.4	2174.1	1816.9	1496.6	1240.4	988.0	772.6	615.3	465.9	337.8
-10°	2773.9	2424.5	2069.3	1739.3	1438.4	1195.7	957.0	753.2	603.7	458.1	330.0
-12.5°	2610.8	2277.0	1948.9	1644.1	1372.4	1149.2	922.0	731.8	590.1	450.3	326.1
-15°	2438.1	2125.6	1822.7	1545.2	1300.6	1092.9	885.2	708.5	576.5	440.6	320.3
-17.5°	2257.6	1966.4	1692.7	1444.2	1228.7	1034.6	846.3	687.2	561.0	430.9	314.5
-20°	2067.3	1803.3	1560.7	1341.3	1153.0	976.4	805.6	661.9	543.5	419.3	306.7



REPORT NUMBER: P722288

CATALOG NUMBER: IFLD-S-SA6A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1879.0	1642.2	1424.8	1240.4	1075.4	916.2	764.8	636.7	524.1	405.7	300.9
-25°	1712.1	1490.8	1304.4	1143.3	999.7	858.0	722.1	611.5	502.8	392.1	293.1
-27.5°	1549.0	1360.7	1186.0	1052.1	925.9	801.7	681.3	584.3	481.4	376.6	285.3
-30°	1397.6	1236.5	1092.9	962.8	856.0	751.2	646.4	557.1	458.1	361.1	275.6
-32.5°	1259.8	1129.7	1009.4	885.2	790.0	700.8	613.4	529.9	434.8	345.5	265.9
-35°	1131.7	1030.7	925.9	821.1	724.0	654.2	578.5	500.8	413.5	328.1	256.2
-37.5°	1017.2	935.6	852.2	762.9	679.4	609.5	545.5	471.7	392.1	312.5	246.5
-40°	918.2	852.2	778.4	706.6	636.7	570.7	512.5	442.6	370.8	300.9	236.8
-42.5°	826.9	776.5	716.3	656.1	594.0	535.8	479.5	411.5	349.4	287.3	227.1
-45°	757.0	706.6	658.0	603.7	551.3	500.8	444.5	384.3	330.0	271.8	217.4
-47.5°	691.0	646.4	601.8	557.1	514.4	467.8	411.5	361.1	308.6	258.2	209.6
-50°	632.8	590.1	551.3	512.5	475.6	430.9	378.5	337.8	291.2	244.6	199.9
-52.5°	578.5	541.6	502.8	471.7	440.6	396.0	353.3	314.5	273.7	229.1	190.2
-55°	529.9	495.0	460.1	430.9	401.8	363.0	328.1	295.1	256.2	217.4	180.5
-57.5°	483.3	454.2	421.2	394.1	364.9	333.9	304.8	273.7	238.8	205.8	170.8
-60°	440.6	413.5	384.3	357.2	331.9	306.7	279.5	254.3	223.2	192.2	161.1
-62.5°	397.9	374.6	349.4	322.2	302.8	279.5	258.2	232.9	207.7	180.5	143.6
-65°	359.1	337.8	314.5	291.2	273.7	256.2	236.8	213.5	192.2	166.9	128.1
-67.5°	320.3	300.9	281.5	262.1	246.5	232.9	213.5	196.1	178.6	151.4	112.6
-70°	283.4	267.9	250.4	234.9	223.2	207.7	194.1	178.6	163.1	132.0	95.1
-72.5°	248.5	232.9	219.3	207.7	198.0	184.4	172.8	161.1	139.8	110.6	79.6
-75°	207.7	198.0	190.2	180.5	170.8	161.1	151.4	137.8	116.5	89.3	62.1
-77.5°	170.8	165.0	159.2	151.4	143.6	135.9	124.2	110.6	93.2	69.9	50.5
-80°	139.8	133.9	130.1	122.3	116.5	108.7	97.1	85.4	67.9	54.4	40.8
-82.5°	106.8	102.9	99.0	95.1	89.3	81.5	69.9	60.2	50.5	40.8	31.1
-85°	75.7	73.8	69.9	66.0	60.2	54.4	46.6	40.8	34.9	27.2	21.4
-87.5°	38.8	36.9	34.9	33.0	31.1	27.2	23.3	19.4	17.5	13.6	9.7
-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: P722288

CATALOG NUMBER: IFLD-S-SA6A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.8	5.8	1.9	0.0
85°	15.5	9.7	3.9	0.0
82.5°	23.3	15.5	5.8	0.0
80°	31.1	19.4	9.7	0.0
77.5°	38.8	23.3	11.6	0.0
75°	46.6	29.1	13.6	0.0
72.5°	52.4	33.0	15.5	0.0
70°	62.1	38.8	17.5	0.0
67.5°	77.6	42.7	19.4	0.0
65°	91.2	46.6	21.4	0.0
62.5°	106.8	50.5	23.3	0.0
60°	120.4	54.4	25.2	0.0
57.5°	133.9	64.1	27.2	0.0
55°	145.6	71.8	29.1	0.0
52.5°	159.2	79.6	31.1	0.0
50°	170.8	87.4	33.0	0.0
47.5°	180.5	95.1	33.0	0.0
45°	188.3	100.9	34.9	0.0
42.5°	194.1	106.8	36.9	0.0
40°	199.9	112.6	38.8	0.0
37.5°	205.8	118.4	38.8	0.0
35°	211.6	124.2	40.8	0.0
32.5°	217.4	130.1	40.8	0.0
30°	221.3	133.9	42.7	0.0
27.5°	227.1	137.8	42.7	0.0
25°	229.1	141.7	44.6	0.0
22.5°	232.9	143.6	44.6	0.0
20°	236.8	147.5	44.6	0.0
17.5°	238.8	149.5	46.6	0.0
15°	238.8	151.4	48.5	0.0
12.5°	240.7	153.4	48.5	0.0
10°	240.7	157.2	46.6	0.0
7.5°	244.6	155.3	46.6	0.0
5°	242.6	155.3	46.6	0.0
2.5°	240.7	153.4	46.6	0.0
0°	238.8	153.4	46.6	0.0
-2.5°	238.8	153.4	46.6	0.0
-5°	238.8	153.4	46.6	0.0
-7.5°	236.8	155.3	46.6	0.0
-10°	232.9	155.3	46.6	0.0
-12.5°	231.0	149.5	46.6	0.0
-15°	229.1	147.5	46.6	0.0
-17.5°	225.2	145.6	44.6	0.0
-20°	221.3	143.6	44.6	0.0



REPORT NUMBER: P722288

CATALOG NUMBER: IFLD-S-SA6A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	217.4	139.8	44.6	0.0
-25°	213.5	135.9	42.7	0.0
-27.5°	209.6	132.0	42.7	0.0
-30°	203.8	128.1	40.8	0.0
-32.5°	198.0	124.2	40.8	0.0
-35°	194.1	118.4	38.8	0.0
-37.5°	188.3	112.6	38.8	0.0
-40°	182.5	106.8	36.9	0.0
-42.5°	176.6	100.9	34.9	0.0
-45°	168.9	95.1	34.9	0.0
-47.5°	163.1	89.3	33.0	0.0
-50°	153.4	81.5	31.1	0.0
-52.5°	141.7	73.8	29.1	0.0
-55°	130.1	67.9	27.2	0.0
-57.5°	118.4	60.2	27.2	0.0
-60°	106.8	52.4	25.2	0.0
-62.5°	95.1	48.5	23.3	0.0
-65°	83.5	44.6	21.4	0.0
-67.5°	69.9	38.8	19.4	0.0
-70°	58.2	34.9	17.5	0.0
-72.5°	50.5	31.1	15.5	0.0
-75°	42.7	27.2	13.6	0.0
-77.5°	36.9	23.3	11.6	0.0
-80°	29.1	17.5	7.8	0.0
-82.5°	21.4	13.6	5.8	0.0
-85°	13.6	9.7	3.9	0.0
-87.5°	7.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)