

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: P722081

Luminaire Tested: **IFLD-S-SA3B-740-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722081  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-740-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

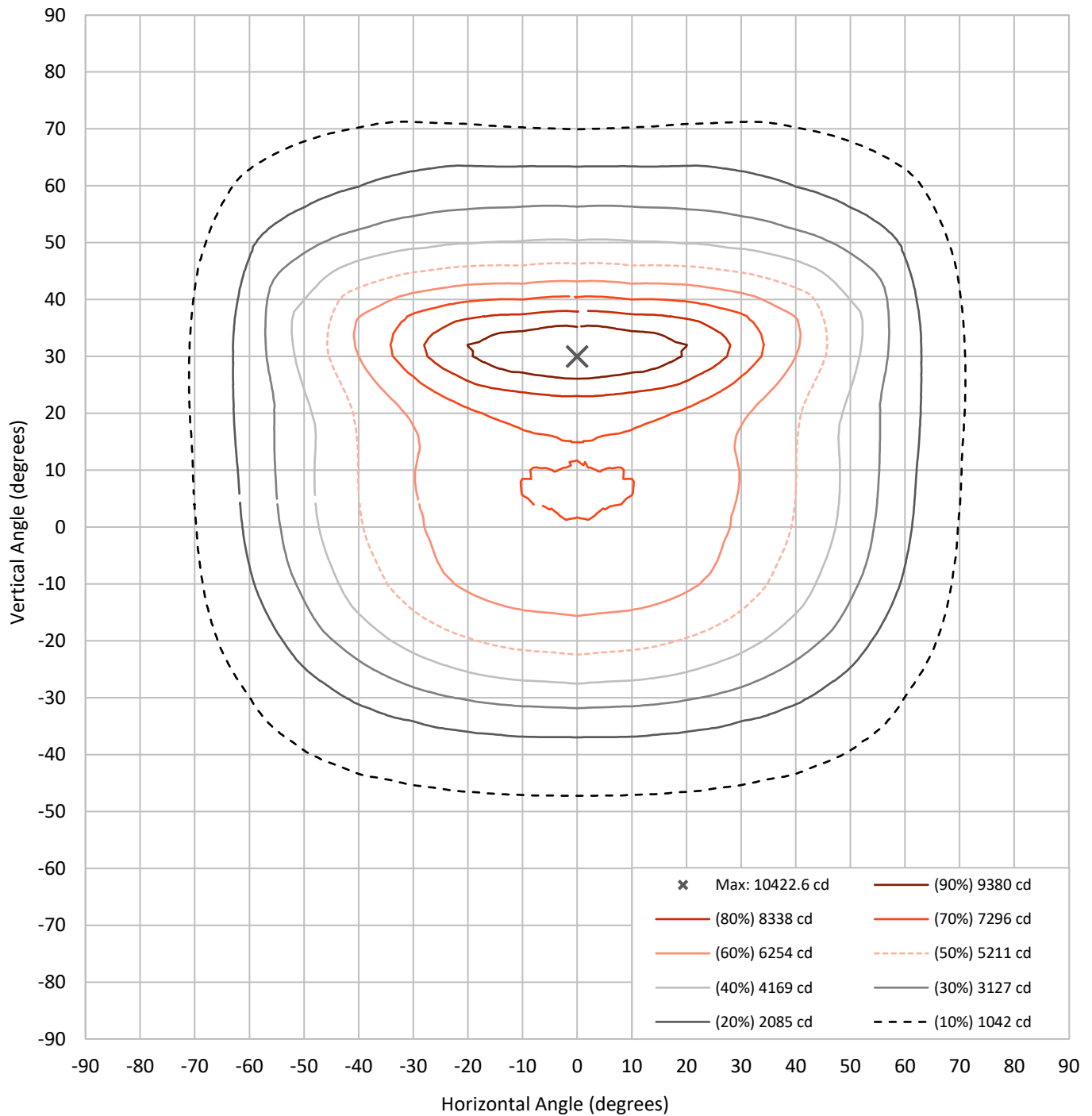
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 17397.9 lumens	Max Intensity: 10422.6 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 142.1 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 10117.1 lumens	Field Lumens: 16304.1 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 122.4  
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: P722081  
CATALOG NUMBER: IFLD-S-SA3B-740-U-76

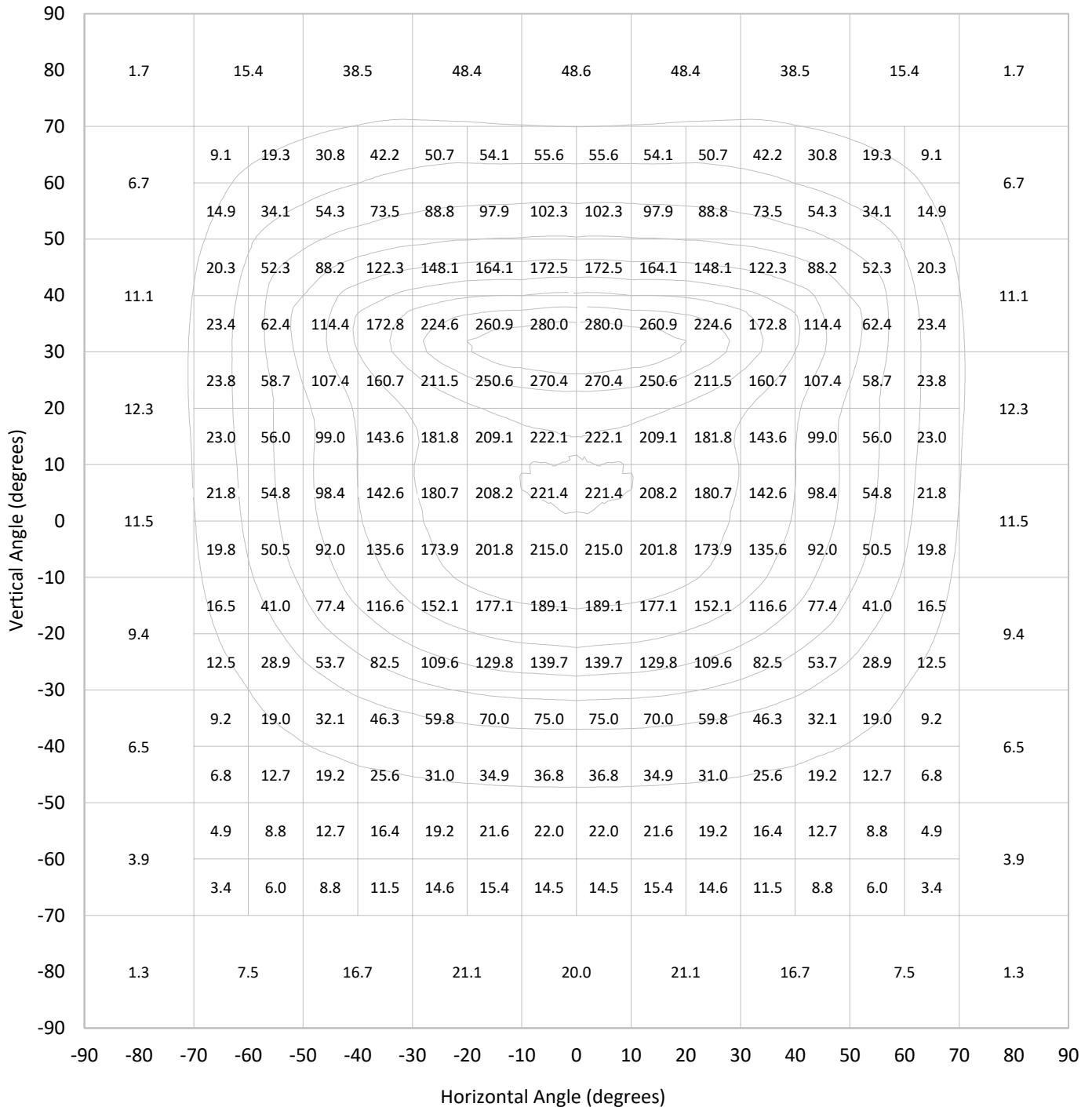
### Iso-Candela Plot





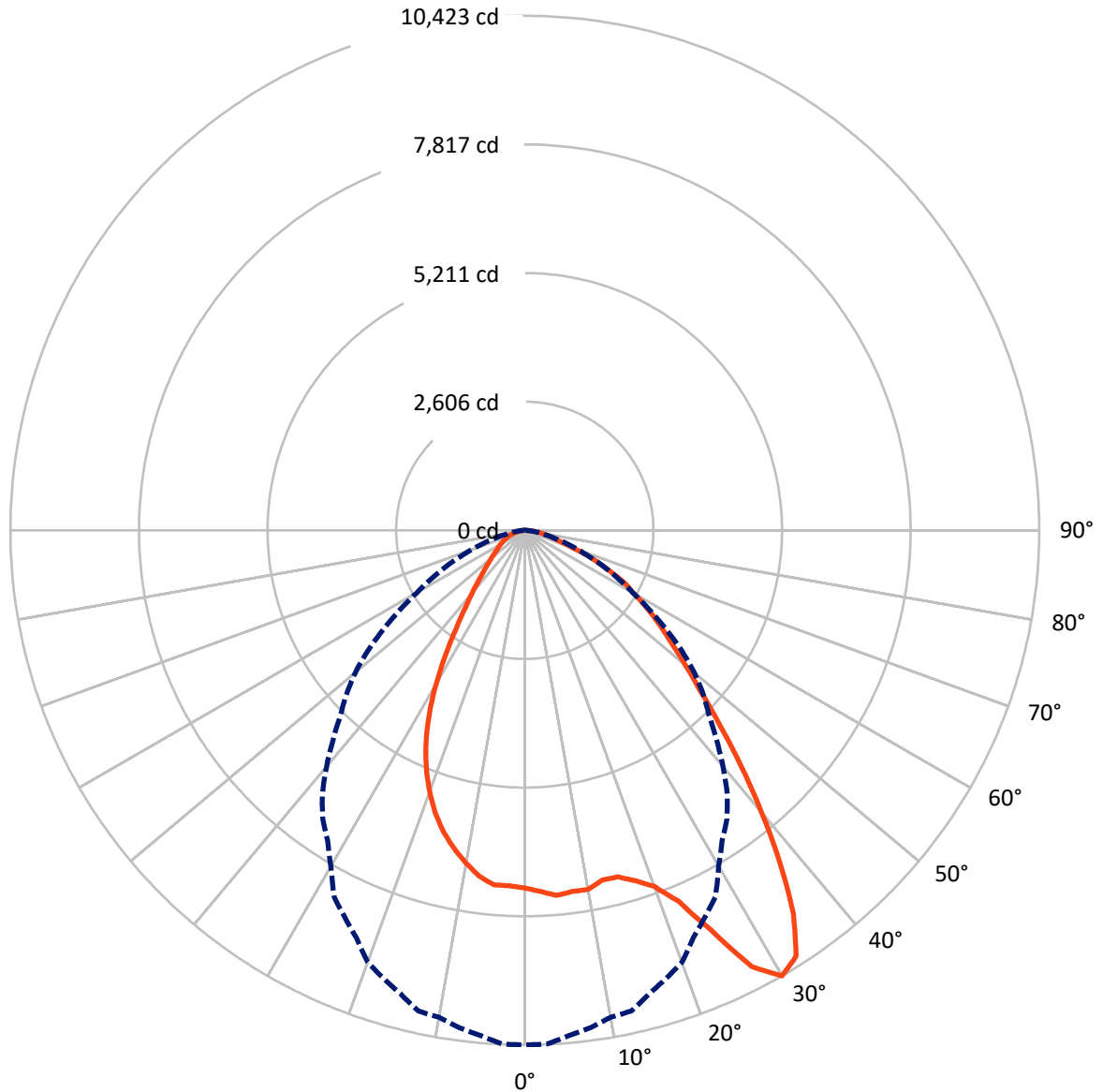
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 CATALOG NUMBER: IFLD-S-SA3B-740-U-76

### Lumen Table



REPORT NUMBER: P722081  
CATALOG NUMBER: IFLD-S-SA3B-740-U-76

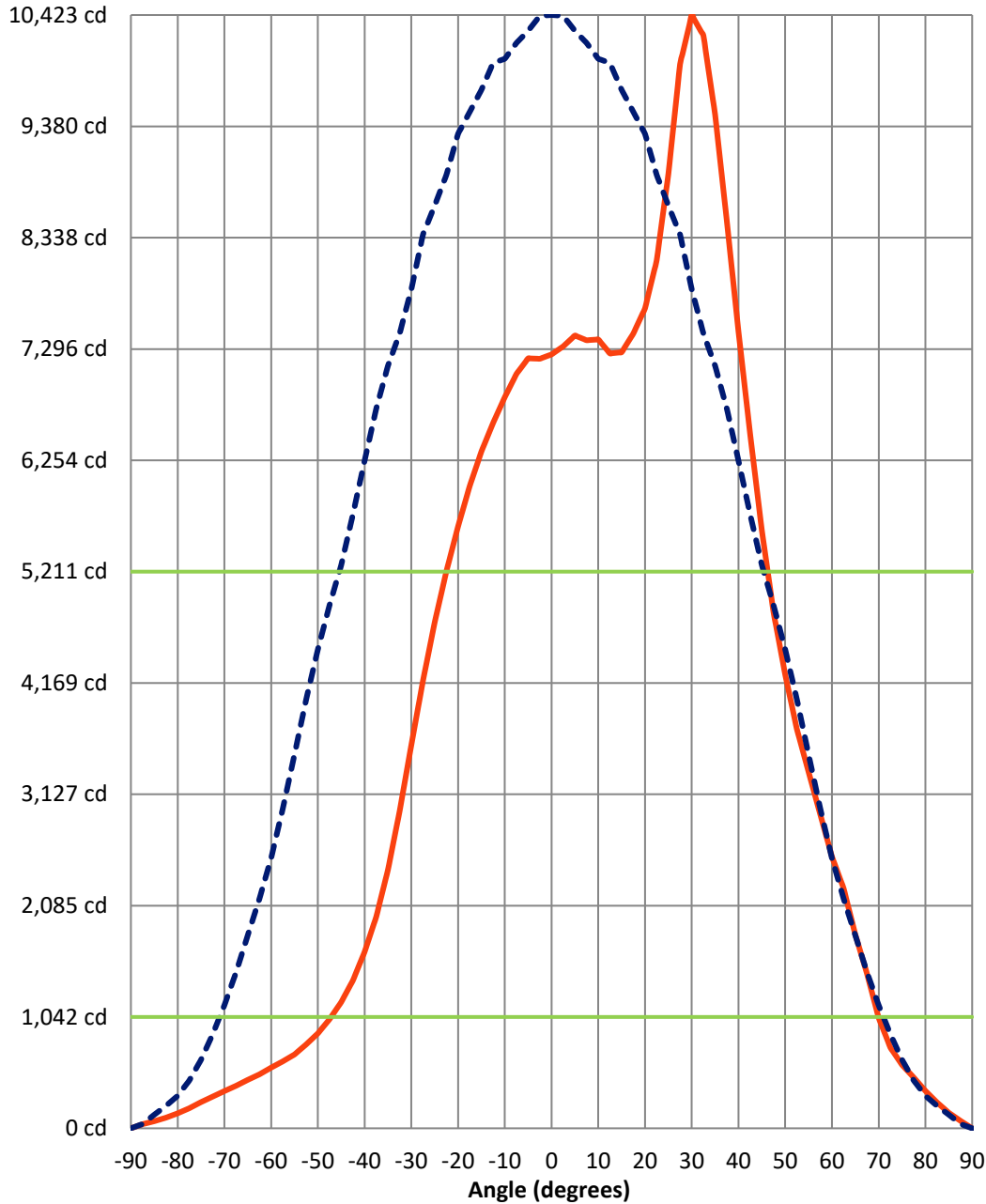
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 10117.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16304.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1093.8  
 Efficiency: 6.3%

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



REPORT NUMBER: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-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°	70.0	71.9	73.7	73.7	71.9	71.9	71.9	70.0	71.9	71.9	71.9
85°	145.6	149.3	153.0	151.1	149.3	145.6	141.9	143.8	145.6	147.4	147.4
82.5°	241.4	247.0	250.7	248.8	245.1	241.4	237.8	239.6	243.3	245.1	245.1
80°	350.2	352.0	353.9	357.6	352.0	352.0	350.2	357.6	361.2	364.9	368.6
77.5°	475.5	477.4	477.4	479.2	481.0	482.9	482.9	495.8	505.0	510.5	516.1
75°	593.5	599.0	604.5	610.1	617.4	621.1	626.6	645.1	659.8	670.9	681.9
72.5°	755.7	763.0	772.2	785.1	798.0	807.3	820.2	842.3	858.9	869.9	882.8
70°	1034.0	1041.3	1050.5	1059.8	1072.7	1081.9	1094.8	1122.4	1139.0	1146.4	1153.8
67.5°	1446.8	1465.2	1481.8	1463.4	1454.2	1441.3	1445.0	1470.8	1487.4	1498.4	1496.6
65°	1813.6	1826.5	1826.5	1824.6	1817.3	1800.7	1809.9	1841.2	1859.7	1868.9	1841.2
62.5°	2244.9	2244.9	2235.6	2250.4	2252.2	2241.2	2235.6	2237.5	2239.3	2244.9	2198.8
60°	2543.4	2561.9	2567.4	2580.3	2584.0	2584.0	2593.2	2600.6	2600.6	2589.5	2536.1
57.5°	2937.9	2972.9	2980.2	2971.0	2952.6	2928.6	2925.0	2913.9	2891.8	2869.7	2843.9
55°	3336.0	3354.4	3352.5	3347.0	3328.6	3300.9	3304.6	3289.9	3254.9	3227.2	3192.2
52.5°	3735.9	3780.1	3787.5	3776.5	3750.6	3721.2	3723.0	3706.4	3671.4	3641.9	3594.0
50°	4246.4	4283.3	4279.6	4261.2	4224.3	4202.2	4204.0	4172.7	4132.2	4122.9	4060.3
47.5°	4830.7	4873.1	4865.7	4839.9	4790.1	4780.9	4790.1	4749.6	4725.6	4705.4	4631.6
45°	5597.4	5647.2	5619.5	5569.8	5490.5	5499.7	5512.6	5505.2	5453.6	5400.2	5306.2
42.5°	6496.8	6528.2	6495.0	6445.2	6345.7	6364.1	6356.7	6312.5	6281.2	6192.7	6072.9
40°	7458.9	7527.1	7475.5	7398.1	7294.9	7322.5	7302.2	7245.1	7171.4	7060.8	6909.7
37.5°	8496.6	8550.0	8491.0	8400.7	8308.6	8299.3	8258.8	8170.3	8065.3	7943.6	7702.2
35°	9490.0	9628.2	9519.5	9375.7	9263.3	9220.9	9182.2	8977.6	8857.8	8660.6	8330.7
32.5°	10229.0	10330.4	10195.9	10046.6	9910.2	9851.2	9714.8	9471.5	9407.0	8992.3	8690.1
30°	10422.6	10415.2	10275.1	10160.8	10013.4	9972.9	9722.2	9515.8	9309.3	8926.0	8638.5
27.5°	9961.8	9915.7	9781.2	9681.6	9536.0	9488.1	9241.2	9130.6	8811.7	8487.3	8244.1
25°	8935.2	8959.2	8857.8	8808.0	8712.2	8609.0	8511.3	8362.0	8163.0	7879.1	7656.1
22.5°	8126.1	8157.4	8115.0	8056.1	7982.3	7925.2	7851.5	7735.4	7543.7	7368.6	7158.5
20°	7676.4	7667.2	7630.3	7586.1	7516.0	7475.5	7394.4	7296.7	7149.3	6998.1	6771.4
17.5°	7440.5	7383.3	7348.3	7331.7	7294.9	7243.3	7147.4	7047.9	6933.6	6762.2	6596.3
15°	7265.4	7274.6	7247.0	7234.0	7204.6	7132.7	7035.0	6953.9	6799.1	6712.5	6561.3
12.5°	7254.3	7245.1	7247.0	7241.4	7204.6	7112.4	7062.6	6959.4	6859.9	6745.6	6572.4
10°	7385.2	7287.5	7294.9	7320.7	7261.7	7188.0	7134.5	7022.1	6928.1	6782.5	6611.1
7.5°	7377.8	7328.0	7342.8	7300.4	7318.8	7228.5	7154.8	7042.4	6924.4	6769.6	6614.8
5°	7422.0	7346.5	7333.6	7337.3	7291.2	7223.0	7123.5	7016.6	6906.0	6732.7	6574.2
2.5°	7320.7	7331.7	7272.8	7250.6	7245.1	7130.8	7038.7	6935.5	6821.2	6668.2	6526.3
0°	7245.1	7265.4	7204.6	7173.2	7171.4	7073.7	7014.7	6896.8	6815.7	6688.5	6517.1
-2.5°	7204.6	7228.5	7235.9	7178.8	7123.5	7047.9	6948.4	6821.2	6688.5	6541.1	6393.6
-5°	7208.2	7160.3	7140.1	7158.5	7110.6	7035.0	6924.4	6812.0	6681.1	6522.6	6338.3
-7.5°	7062.6	7014.7	7011.0	7001.8	6990.8	6918.9	6826.7	6705.1	6572.4	6424.9	6253.5
-10°	6845.2	6810.1	6800.9	6791.7	6762.2	6719.8	6633.2	6522.6	6402.8	6255.4	6072.9
-12.5°	6603.7	6587.1	6552.1	6528.2	6498.7	6448.9	6366.0	6264.6	6144.8	6013.9	5857.3
-15°	6336.5	6305.1	6270.1	6249.8	6207.5	6148.5	6065.5	5971.5	5840.7	5711.7	5564.2
-17.5°	6013.9	5975.2	5936.5	5931.0	5901.5	5811.2	5733.8	5619.5	5505.2	5381.8	5238.0
-20°	5634.3	5580.8	5555.0	5540.3	5499.7	5433.4	5350.4	5245.4	5134.8	5016.8	4851.0



REPORT NUMBER: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5214.0	5168.0	5123.7	5096.1	5061.1	5009.5	4930.2	4838.1	4729.3	4596.6	4443.6
-25°	4736.7	4672.2	4644.5	4613.2	4594.8	4546.9	4469.4	4384.7	4272.2	4143.2	3997.6
-27.5°	4191.1	4139.5	4124.8	4080.6	4058.4	4008.7	3944.2	3864.9	3761.7	3640.1	3520.3
-30°	3588.5	3557.1	3533.2	3488.9	3472.3	3418.9	3376.5	3310.2	3216.2	3129.5	3033.7
-32.5°	2969.2	2937.9	2930.5	2910.2	2899.1	2864.1	2816.2	2768.3	2692.7	2628.2	2550.8
-35°	2420.0	2397.8	2399.7	2397.8	2386.8	2361.0	2302.0	2289.1	2233.8	2174.8	2125.1
-37.5°	1981.3	1983.1	1981.3	1979.5	1964.7	1953.7	1911.3	1894.7	1861.5	1804.4	1774.9
-40°	1651.4	1655.1	1653.2	1649.5	1633.0	1627.4	1599.8	1577.7	1564.8	1524.2	1492.9
-42.5°	1384.1	1389.7	1387.8	1386.0	1374.9	1373.1	1358.3	1332.5	1325.2	1301.2	1268.0
-45°	1181.4	1179.6	1175.9	1179.6	1174.0	1168.5	1159.3	1142.7	1133.5	1122.4	1094.8
-47.5°	1021.1	1022.9	1019.2	1019.2	1011.8	1006.3	1002.6	991.6	984.2	975.0	958.4
-50°	888.4	895.7	893.9	892.0	886.5	882.8	882.8	871.8	860.7	857.0	846.0
-52.5°	785.1	790.7	792.5	796.2	798.0	799.9	794.4	783.3	764.9	763.0	757.5
-55°	691.2	707.7	718.8	726.2	733.5	739.1	728.0	713.3	694.8	687.5	685.6
-57.5°	626.6	643.2	656.1	667.2	676.4	685.6	674.6	659.8	643.2	634.0	632.2
-60°	567.7	582.4	595.3	610.1	623.0	637.7	632.2	621.1	611.9	604.5	597.2
-62.5°	505.0	519.7	534.5	552.9	569.5	584.3	586.1	584.3	582.4	584.3	571.4
-65°	453.4	460.8	470.0	490.3	508.7	525.3	534.5	540.0	549.2	558.5	545.5
-67.5°	398.1	407.3	418.4	433.1	447.9	458.9	471.8	486.6	501.3	516.1	506.8
-70°	348.3	355.7	364.9	372.3	381.5	388.9	399.9	416.5	433.1	447.9	444.2
-72.5°	296.7	304.1	309.6	313.3	318.9	322.5	328.1	342.8	353.9	361.2	361.2
-75°	245.1	252.5	258.0	259.9	263.6	265.4	269.1	274.6	280.1	282.0	283.8
-77.5°	188.0	195.4	200.9	204.6	208.3	212.0	213.8	217.5	219.3	219.3	221.2
-80°	140.1	145.6	149.3	154.8	156.7	160.3	164.0	165.9	167.7	167.7	169.6
-82.5°	99.5	103.2	106.9	110.6	114.3	116.1	119.8	121.6	123.5	125.3	127.2
-85°	66.4	70.0	73.7	77.4	79.3	81.1	82.9	84.8	86.6	88.5	90.3
-87.5°	38.7	40.5	42.4	46.1	47.9	51.6	53.4	51.6	53.4	53.4	53.4
-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: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-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°	71.9	71.9	71.9	71.9	70.0	66.4	64.5	60.8	57.1	53.4	49.8
85°	149.3	151.1	151.1	151.1	147.4	145.6	140.1	134.5	127.2	116.1	106.9
82.5°	248.8	250.7	250.7	248.8	245.1	239.6	232.2	223.0	208.3	193.5	180.6
80°	374.1	376.0	376.0	374.1	364.9	355.7	346.5	335.4	317.0	296.7	274.6
77.5°	523.4	527.1	527.1	521.6	508.7	497.6	482.9	464.5	436.8	407.3	377.8
75°	696.7	705.9	707.7	702.2	685.6	665.3	641.4	610.1	567.7	530.8	495.8
72.5°	897.6	906.8	914.2	906.8	882.8	855.2	820.2	783.3	740.9	691.2	632.2
70°	1161.1	1170.3	1175.9	1151.9	1109.5	1063.5	1021.1	978.7	928.9	868.1	803.6
67.5°	1492.9	1483.7	1472.6	1424.7	1371.2	1316.0	1257.0	1194.3	1129.8	1065.3	989.7
65°	1811.7	1785.9	1762.0	1704.8	1636.6	1564.8	1496.6	1426.5	1349.1	1268.0	1196.2
62.5°	2147.2	2091.9	2032.9	1962.9	1892.8	1813.6	1745.4	1662.4	1575.8	1476.3	1384.1
60°	2477.1	2410.7	2351.8	2265.1	2173.0	2066.1	1992.4	1911.3	1809.9	1703.0	1594.3
57.5°	2795.9	2724.1	2659.5	2584.0	2484.5	2368.3	2287.2	2182.2	2075.3	1940.8	1830.2
55°	3135.1	3063.2	3011.6	2926.8	2818.1	2711.2	2622.7	2512.1	2362.8	2219.1	2082.7
52.5°	3523.9	3466.8	3411.5	3324.9	3194.0	3085.3	2987.6	2864.1	2707.5	2530.5	2366.5
50°	3958.9	3929.4	3870.4	3769.1	3619.8	3523.9	3394.9	3230.9	3063.2	2877.0	2672.5
47.5°	4535.8	4487.9	4404.9	4294.4	4169.0	4025.3	3852.0	3660.3	3422.6	3216.2	2998.7
45°	5225.1	5136.6	5029.7	4880.4	4725.6	4563.4	4373.6	4130.3	3811.5	3542.4	3313.8
42.5°	5971.5	5851.7	5706.1	5510.8	5309.9	5110.8	4906.3	4574.5	4176.4	3866.8	3608.7
40°	6751.2	6598.2	6415.7	6131.9	5908.9	5652.7	5418.6	4922.8	4498.9	4163.5	3888.9
37.5°	7514.2	7320.7	7014.7	6670.1	6410.2	6200.1	5685.9	5155.1	4775.4	4406.8	4128.5
35°	8098.4	7934.4	7394.4	7036.8	6813.8	6482.1	5838.8	5295.1	4893.4	4587.4	4154.3
32.5°	8444.9	8021.0	7547.4	7186.1	7001.8	6458.1	5849.9	5335.7	4948.6	4605.8	4087.9
30°	8367.5	7855.2	7440.5	7138.2	6738.3	6249.8	5746.7	5273.0	4897.0	4482.3	4014.2
27.5°	7901.2	7505.0	7134.5	6819.4	6426.8	5988.1	5523.7	5107.1	4757.0	4355.2	3912.8
25°	7374.1	7014.7	6740.1	6465.5	6093.2	5674.8	5265.7	4965.2	4613.2	4216.9	3780.1
22.5°	6889.4	6631.4	6415.7	6128.2	5765.1	5400.2	5145.9	4834.4	4473.1	4071.3	3643.7
20°	6579.8	6404.7	6157.7	5840.7	5555.0	5326.5	5044.5	4714.6	4342.3	3922.1	3527.6
17.5°	6430.5	6227.7	5953.1	5746.7	5527.4	5276.7	4961.5	4611.4	4215.1	3853.9	3540.5
15°	6353.1	6139.3	5958.6	5755.9	5508.9	5245.4	4895.2	4532.1	4215.1	3881.5	3549.8
12.5°	6369.6	6185.3	5988.1	5767.0	5501.6	5219.6	4902.6	4565.3	4237.2	3901.8	3551.6
10°	6421.3	6227.7	6017.6	5772.5	5505.2	5226.9	4922.8	4585.6	4248.3	3911.0	3547.9
7.5°	6439.7	6229.6	6004.7	5757.8	5496.0	5223.3	4926.5	4591.1	4250.1	3909.2	3536.9
5°	6382.6	6192.7	5975.2	5726.4	5470.2	5204.8	4911.8	4583.7	4235.4	3890.7	3509.2
2.5°	6305.1	6152.2	5943.9	5704.3	5444.4	5179.0	4887.8	4550.5	4202.2	3857.5	3474.2
0°	6292.2	6102.4	5892.3	5678.5	5402.0	5121.9	4832.5	4487.9	4141.4	3794.9	3413.4
-2.5°	6207.5	6006.6	5796.5	5564.2	5320.9	5039.0	4734.8	4397.6	4054.8	3713.8	3347.0
-5°	6143.0	5919.9	5696.9	5446.3	5201.1	4919.2	4604.0	4275.9	3940.5	3608.7	3254.9
-7.5°	6056.3	5827.8	5593.7	5332.0	5066.6	4779.1	4467.6	4139.5	3809.6	3479.7	3140.6
-10°	5881.2	5680.3	5461.0	5190.1	4909.9	4622.4	4312.8	3990.2	3660.3	3326.7	2985.8
-12.5°	5669.3	5457.3	5217.7	4968.9	4718.3	4451.0	4141.4	3824.4	3492.6	3157.2	2818.1
-15°	5394.7	5186.4	4941.3	4698.0	4456.5	4200.4	3927.6	3641.9	3304.6	2974.7	2635.6
-17.5°	5051.9	4856.5	4637.2	4404.9	4165.3	3907.3	3641.9	3400.5	3085.3	2775.7	2440.2
-20°	4683.2	4500.8	4303.6	4084.2	3844.6	3592.1	3341.5	3089.0	2816.2	2543.4	2232.0



REPORT NUMBER: P722081

CATALOG NUMBER: IFLD-S-SA3B-740-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4299.9	4115.6	3916.5	3711.9	3490.8	3256.7	3024.5	2783.0	2543.4	2296.5	2032.9
-25°	3857.5	3695.4	3512.9	3313.8	3116.6	2912.1	2690.9	2471.6	2267.0	2053.2	1837.5
-27.5°	3394.9	3245.6	3079.8	2906.5	2737.0	2565.6	2373.9	2171.1	2001.6	1824.6	1645.9
-30°	2908.4	2788.6	2654.0	2502.9	2372.0	2233.8	2073.5	1905.7	1750.9	1616.4	1472.6
-32.5°	2447.6	2346.2	2250.4	2150.9	2021.8	1914.9	1804.4	1680.9	1544.5	1417.3	1314.1
-35°	2051.3	1942.6	1902.0	1828.3	1736.2	1642.2	1561.1	1472.6	1369.4	1257.0	1172.2
-37.5°	1717.7	1653.2	1596.1	1555.6	1494.7	1419.2	1354.7	1290.1	1210.9	1126.1	1041.3
-40°	1457.9	1413.6	1351.0	1330.7	1292.0	1240.4	1174.0	1124.3	1070.8	1006.3	934.4
-42.5°	1249.6	1216.4	1175.9	1140.9	1124.3	1087.4	1035.8	987.9	945.5	901.3	846.0
-45°	1078.2	1056.1	1030.3	998.9	986.0	956.6	919.7	866.2	842.3	805.4	764.9
-47.5°	940.0	928.9	910.5	890.2	871.8	849.7	816.5	783.3	750.1	726.2	694.8
-50°	831.2	823.9	812.8	796.2	772.2	757.5	735.4	705.9	674.6	654.3	632.2
-52.5°	744.6	737.2	729.9	717.0	698.5	683.8	665.3	641.4	615.6	595.3	576.9
-55°	678.2	667.2	661.7	650.6	635.9	619.3	602.7	586.1	564.0	545.5	527.1
-57.5°	626.6	611.9	604.5	595.3	580.6	564.0	551.1	534.5	519.7	499.5	482.9
-60°	586.1	569.5	554.8	545.5	532.6	516.1	503.2	490.3	475.5	458.9	438.7
-62.5°	552.9	532.6	512.4	501.3	488.4	473.7	460.8	447.9	433.1	416.5	398.1
-65°	521.6	497.6	471.8	460.8	447.9	433.1	416.5	407.3	394.4	379.7	361.2
-67.5°	482.9	457.1	435.0	422.1	409.2	396.3	381.5	372.3	359.4	341.0	322.5
-70°	425.7	409.2	394.4	383.4	372.3	361.2	346.5	331.8	317.0	300.4	283.8
-72.5°	353.9	348.3	346.5	341.0	328.1	315.2	300.4	285.7	272.8	259.9	247.0
-75°	285.7	289.4	293.0	291.2	278.3	265.4	252.5	239.6	230.4	219.3	208.3
-77.5°	226.7	230.4	234.1	234.1	224.9	217.5	208.3	199.1	191.7	182.5	171.4
-80°	175.1	180.6	186.2	189.8	182.5	176.9	169.6	162.2	154.8	147.4	140.1
-82.5°	132.7	138.2	143.8	147.4	141.9	138.2	132.7	127.2	121.6	114.3	108.7
-85°	95.8	99.5	103.2	105.1	101.4	97.7	94.0	90.3	86.6	81.1	77.4
-87.5°	55.3	57.1	59.0	60.8	57.1	53.4	51.6	47.9	46.1	42.4	40.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-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°	46.1	42.4	38.7	36.9	33.2	27.6	24.0	20.3	16.6	12.9	11.1
85°	97.7	88.5	77.4	71.9	64.5	57.1	49.8	42.4	35.0	27.6	20.3
82.5°	167.7	156.7	145.6	132.7	116.1	95.8	75.6	62.7	51.6	40.5	31.3
80°	252.5	232.2	213.8	197.2	178.8	153.0	125.3	99.5	70.0	53.4	40.5
77.5°	350.2	326.2	300.4	272.8	243.3	208.3	176.9	143.8	108.7	73.7	51.6
75°	460.8	429.4	394.4	355.7	317.0	270.9	226.7	188.0	147.4	103.2	62.7
72.5°	584.3	545.5	503.2	451.6	390.7	337.3	283.8	232.2	184.3	130.9	84.8
70°	742.8	681.9	619.3	564.0	486.6	401.8	339.1	280.1	219.3	160.3	106.9
67.5°	912.3	838.6	763.0	681.9	584.3	484.7	394.4	328.1	256.2	188.0	127.2
65°	1096.6	1004.5	908.6	818.3	683.8	565.8	464.5	374.1	291.2	213.8	147.4
62.5°	1286.5	1177.7	1067.1	949.2	794.4	648.8	530.8	425.7	324.4	237.8	165.9
60°	1489.2	1362.0	1227.5	1080.0	899.4	739.1	593.5	479.2	359.4	261.7	186.2
57.5°	1703.0	1564.8	1406.3	1207.2	1008.2	825.7	665.3	527.1	390.7	283.8	200.9
55°	1935.2	1776.7	1603.5	1339.9	1115.1	912.3	737.2	575.0	423.9	302.3	215.6
52.5°	2185.9	2001.6	1782.2	1480.0	1227.5	1000.8	803.6	617.4	455.2	322.5	228.5
50°	2466.0	2233.8	1938.9	1609.0	1325.2	1083.7	869.9	663.5	481.0	344.7	239.6
47.5°	2757.2	2506.6	2079.0	1728.8	1424.7	1164.8	938.1	704.1	506.8	363.1	250.7
45°	3061.3	2696.4	2224.6	1835.7	1511.3	1238.5	989.7	740.9	538.2	379.7	259.9
42.5°	3361.8	2840.2	2351.8	1942.6	1592.4	1304.9	1032.1	775.9	564.0	396.3	269.1
40°	3503.7	2948.9	2453.1	2016.3	1660.6	1363.9	1069.0	807.3	586.1	407.3	278.3
37.5°	3562.7	3015.3	2519.5	2086.4	1714.1	1395.2	1100.3	834.9	604.5	418.4	285.7
35°	3575.6	3039.2	2552.7	2134.3	1758.3	1424.7	1124.3	855.2	619.3	429.4	293.0
32.5°	3551.6	3031.8	2561.9	2150.9	1785.9	1446.8	1140.9	869.9	630.3	440.5	300.4
30°	3498.1	2993.1	2528.7	2149.0	1806.2	1459.7	1151.9	881.0	641.4	447.9	304.1
27.5°	3411.5	2925.0	2486.3	2150.9	1817.3	1465.2	1157.4	886.5	648.8	453.4	311.5
25°	3304.6	2832.8	2488.1	2147.2	1819.1	1467.1	1157.4	886.5	650.6	455.2	317.0
22.5°	3181.1	2832.8	2488.1	2141.6	1808.1	1463.4	1151.9	882.8	650.6	458.9	322.5
20°	3188.5	2834.6	2482.6	2130.6	1791.5	1452.3	1139.0	873.6	645.1	464.5	326.2
17.5°	3194.0	2831.0	2471.6	2115.8	1769.3	1433.9	1122.4	860.7	645.1	470.0	328.1
15°	3194.0	2819.9	2455.0	2093.7	1741.7	1408.1	1098.5	849.7	646.9	471.8	331.8
12.5°	3188.5	2799.6	2429.2	2064.2	1708.5	1376.8	1083.7	846.0	646.9	473.7	331.8
10°	3177.5	2772.0	2396.0	2027.4	1677.2	1365.7	1076.4	838.6	643.2	473.7	331.8
7.5°	3157.2	2738.8	2368.3	2005.3	1658.8	1352.8	1065.3	827.5	637.7	470.0	335.4
5°	3125.8	2720.4	2346.2	1979.5	1633.0	1343.6	1057.9	818.3	634.0	470.0	331.8
2.5°	3085.3	2698.3	2320.4	1946.3	1603.5	1312.3	1034.0	798.0	621.1	462.6	328.1
0°	3018.9	2654.0	2276.2	1900.2	1562.9	1280.9	1010.0	777.8	608.2	455.2	324.4
-2.5°	2958.1	2595.0	2219.1	1852.3	1524.2	1253.3	991.6	766.7	602.7	453.4	322.5
-5°	2873.3	2513.9	2143.5	1789.6	1472.6	1225.6	973.1	753.8	597.2	449.7	322.5
-7.5°	2779.3	2429.2	2064.2	1725.1	1421.0	1177.7	938.1	733.5	584.3	442.3	320.7
-10°	2633.7	2302.0	1964.7	1651.4	1365.7	1135.3	908.6	715.1	573.2	435.0	313.3
-12.5°	2478.9	2161.9	1850.4	1561.1	1303.1	1091.1	875.5	694.8	560.3	427.6	309.6
-15°	2314.9	2018.2	1730.6	1467.1	1234.9	1037.6	840.4	672.7	547.4	418.4	304.1
-17.5°	2143.5	1867.0	1607.2	1371.2	1166.7	982.4	803.6	652.4	532.6	409.2	298.6
-20°	1962.9	1712.2	1481.8	1273.6	1094.8	927.1	764.9	628.5	516.1	398.1	291.2



REPORT NUMBER: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1784.1	1559.2	1352.8	1177.7	1021.1	869.9	726.2	604.5	497.6	385.2	285.7
-25°	1625.6	1415.5	1238.5	1085.6	949.2	814.6	685.6	580.6	477.4	372.3	278.3
-27.5°	1470.8	1292.0	1126.1	998.9	879.1	761.2	646.9	554.8	457.1	357.6	270.9
-30°	1327.0	1174.0	1037.6	914.2	812.8	713.3	613.7	529.0	435.0	342.8	261.7
-32.5°	1196.2	1072.7	958.4	840.4	750.1	665.3	582.4	503.2	412.8	328.1	252.5
-35°	1074.5	978.7	879.1	779.6	687.5	621.1	549.2	475.5	392.6	311.5	243.3
-37.5°	965.8	888.4	809.1	724.3	645.1	578.7	517.9	447.9	372.3	296.7	234.1
-40°	871.8	809.1	739.1	670.9	604.5	541.9	486.6	420.2	352.0	285.7	224.9
-42.5°	785.1	737.2	680.1	623.0	564.0	508.7	455.2	390.7	331.8	272.8	215.6
-45°	718.8	670.9	624.8	573.2	523.4	475.5	422.1	364.9	313.3	258.0	206.4
-47.5°	656.1	613.7	571.4	529.0	488.4	444.2	390.7	342.8	293.0	245.1	199.1
-50°	600.8	560.3	523.4	486.6	451.6	409.2	359.4	320.7	276.5	232.2	189.8
-52.5°	549.2	514.2	477.4	447.9	418.4	376.0	335.4	298.6	259.9	217.5	180.6
-55°	503.2	470.0	436.8	409.2	381.5	344.7	311.5	280.1	243.3	206.4	171.4
-57.5°	458.9	431.3	399.9	374.1	346.5	317.0	289.4	259.9	226.7	195.4	162.2
-60°	418.4	392.6	364.9	339.1	315.2	291.2	265.4	241.4	212.0	182.5	153.0
-62.5°	377.8	355.7	331.8	305.9	287.5	265.4	245.1	221.2	197.2	171.4	136.4
-65°	341.0	320.7	298.6	276.5	259.9	243.3	224.9	202.7	182.5	158.5	121.6
-67.5°	304.1	285.7	267.2	248.8	234.1	221.2	202.7	186.2	169.6	143.8	106.9
-70°	269.1	254.3	237.8	223.0	212.0	197.2	184.3	169.6	154.8	125.3	90.3
-72.5°	235.9	221.2	208.3	197.2	188.0	175.1	164.0	153.0	132.7	105.1	75.6
-75°	197.2	188.0	180.6	171.4	162.2	153.0	143.8	130.9	110.6	84.8	59.0
-77.5°	162.2	156.7	151.1	143.8	136.4	129.0	118.0	105.1	88.5	66.4	47.9
-80°	132.7	127.2	123.5	116.1	110.6	103.2	92.2	81.1	64.5	51.6	38.7
-82.5°	101.4	97.7	94.0	90.3	84.8	77.4	66.4	57.1	47.9	38.7	29.5
-85°	71.9	70.0	66.4	62.7	57.1	51.6	44.2	38.7	33.2	25.8	20.3
-87.5°	36.9	35.0	33.2	31.3	29.5	25.8	22.1	18.4	16.6	12.9	9.2
-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: P722081  
 CATALOG NUMBER: IFLD-S-SA3B-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.4	5.5	1.8	0.0
85°	14.7	9.2	3.7	0.0
82.5°	22.1	14.7	5.5	0.0
80°	29.5	18.4	9.2	0.0
77.5°	36.9	22.1	11.1	0.0
75°	44.2	27.6	12.9	0.0
72.5°	49.8	31.3	14.7	0.0
70°	59.0	36.9	16.6	0.0
67.5°	73.7	40.5	18.4	0.0
65°	86.6	44.2	20.3	0.0
62.5°	101.4	47.9	22.1	0.0
60°	114.3	51.6	24.0	0.0
57.5°	127.2	60.8	25.8	0.0
55°	138.2	68.2	27.6	0.0
52.5°	151.1	75.6	29.5	0.0
50°	162.2	82.9	31.3	0.0
47.5°	171.4	90.3	31.3	0.0
45°	178.8	95.8	33.2	0.0
42.5°	184.3	101.4	35.0	0.0
40°	189.8	106.9	36.9	0.0
37.5°	195.4	112.4	36.9	0.0
35°	200.9	118.0	38.7	0.0
32.5°	206.4	123.5	38.7	0.0
30°	210.1	127.2	40.5	0.0
27.5°	215.6	130.9	40.5	0.0
25°	217.5	134.5	42.4	0.0
22.5°	221.2	136.4	42.4	0.0
20°	224.9	140.1	42.4	0.0
17.5°	226.7	141.9	44.2	0.0
15°	226.7	143.8	46.1	0.0
12.5°	228.5	145.6	46.1	0.0
10°	228.5	149.3	44.2	0.0
7.5°	232.2	147.4	44.2	0.0
5°	230.4	147.4	44.2	0.0
2.5°	228.5	145.6	44.2	0.0
0°	226.7	145.6	44.2	0.0
-2.5°	226.7	145.6	44.2	0.0
-5°	226.7	145.6	44.2	0.0
-7.5°	224.9	147.4	44.2	0.0
-10°	221.2	147.4	44.2	0.0
-12.5°	219.3	141.9	44.2	0.0
-15°	217.5	140.1	44.2	0.0
-17.5°	213.8	138.2	42.4	0.0
-20°	210.1	136.4	42.4	0.0



REPORT NUMBER: P722081

CATALOG NUMBER: IFLD-S-SA3B-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	206.4	132.7	42.4	0.0
-25°	202.7	129.0	40.5	0.0
-27.5°	199.1	125.3	40.5	0.0
-30°	193.5	121.6	38.7	0.0
-32.5°	188.0	118.0	38.7	0.0
-35°	184.3	112.4	36.9	0.0
-37.5°	178.8	106.9	36.9	0.0
-40°	173.2	101.4	35.0	0.0
-42.5°	167.7	95.8	33.2	0.0
-45°	160.3	90.3	33.2	0.0
-47.5°	154.8	84.8	31.3	0.0
-50°	145.6	77.4	29.5	0.0
-52.5°	134.5	70.0	27.6	0.0
-55°	123.5	64.5	25.8	0.0
-57.5°	112.4	57.1	25.8	0.0
-60°	101.4	49.8	24.0	0.0
-62.5°	90.3	46.1	22.1	0.0
-65°	79.3	42.4	20.3	0.0
-67.5°	66.4	36.9	18.4	0.0
-70°	55.3	33.2	16.6	0.0
-72.5°	47.9	29.5	14.7	0.0
-75°	40.5	25.8	12.9	0.0
-77.5°	35.0	22.1	11.1	0.0
-80°	27.6	16.6	7.4	0.0
-82.5°	20.3	12.9	5.5	0.0
-85°	12.9	9.2	3.7	0.0
-87.5°	7.4	3.7	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)