

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: P722076

Luminaire Tested: **IFLD-S-SA2B-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722076
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

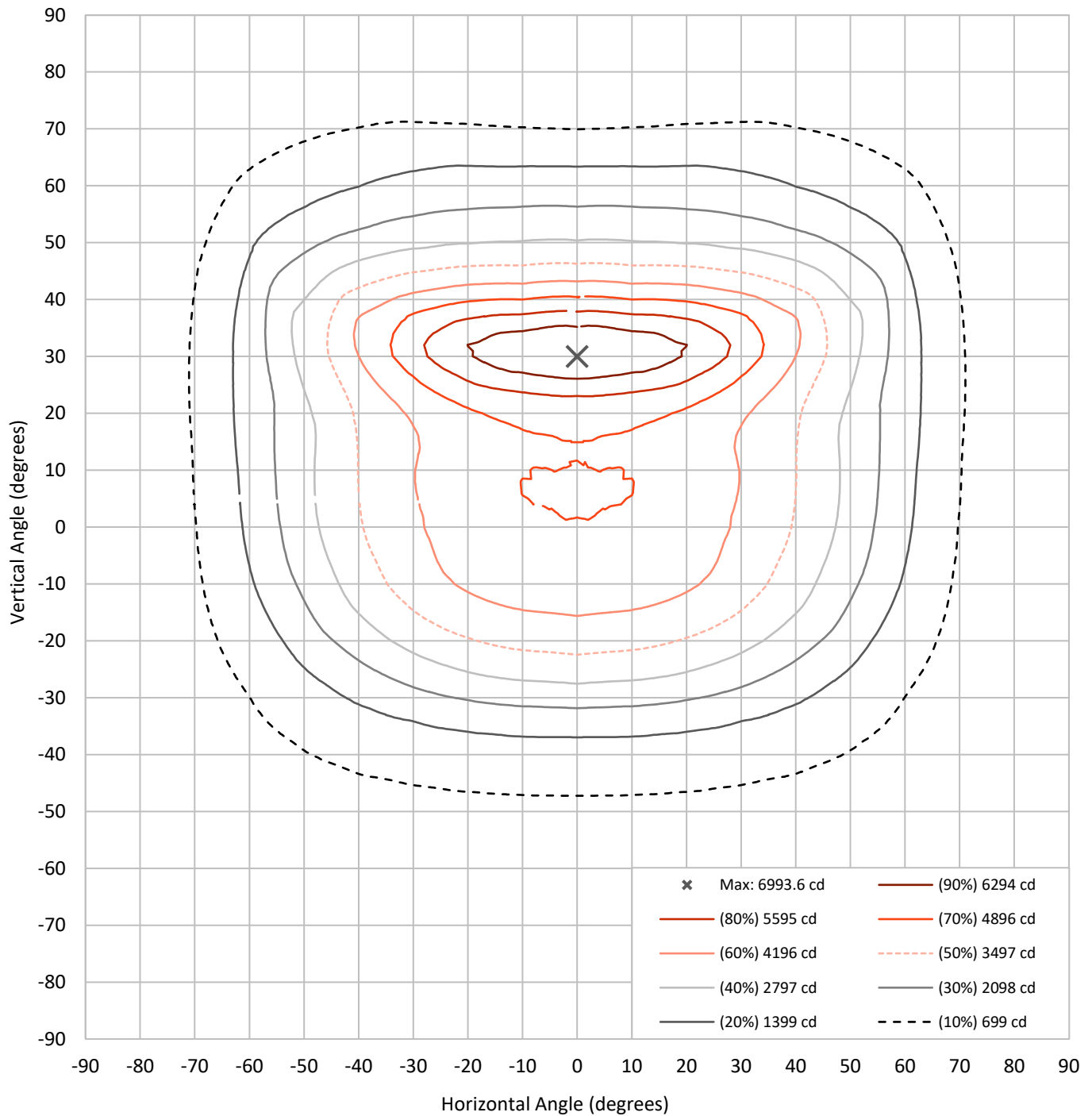
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 11674.1 lumens	Max Intensity: 6993.6 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 141.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 6788.6 lumens	Field Lumens: 10940.1 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 82.4
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: P722076
CATALOG NUMBER: IFLD-S-SA2B-740-U-76

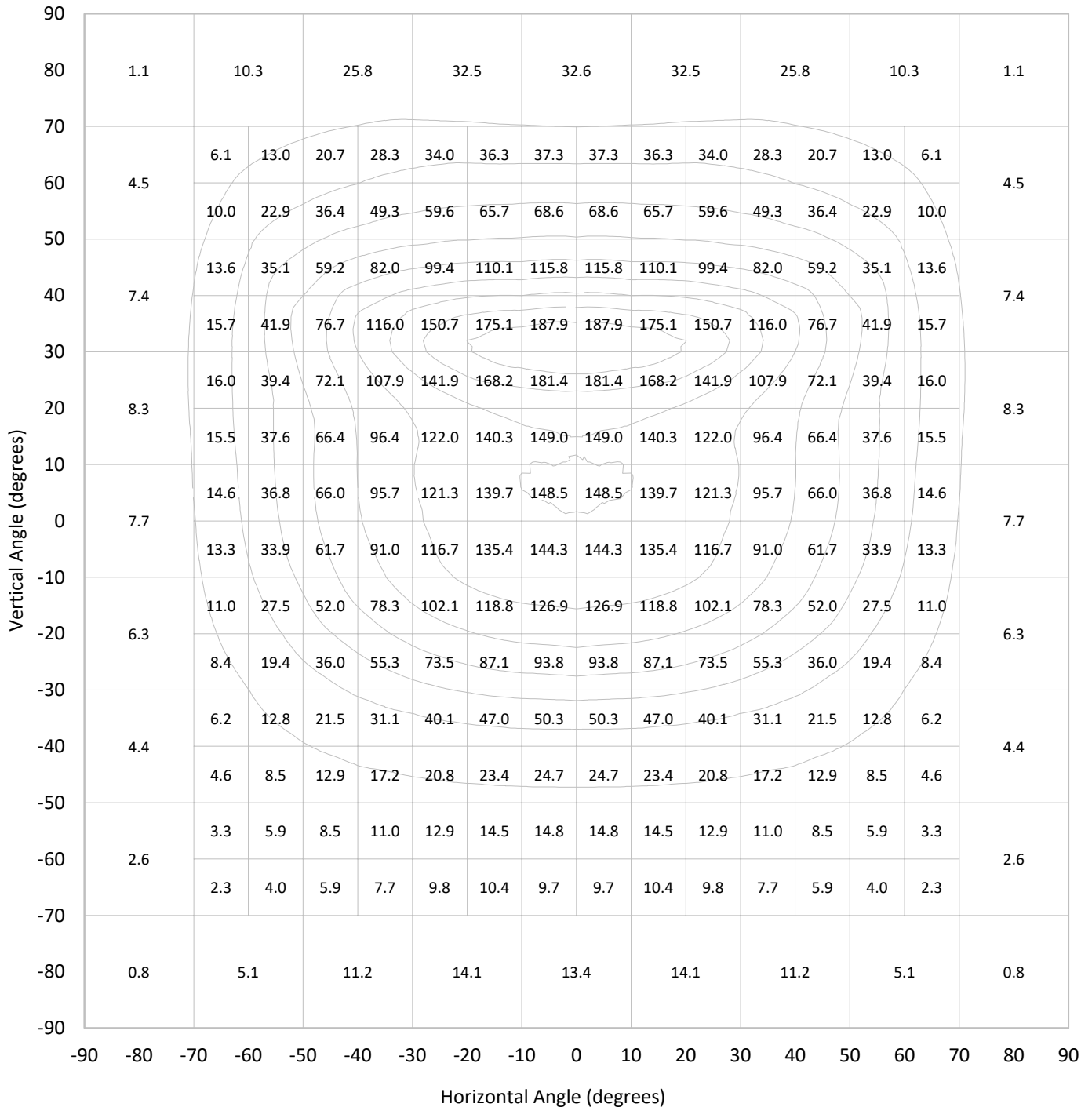
Iso-Candela Plot





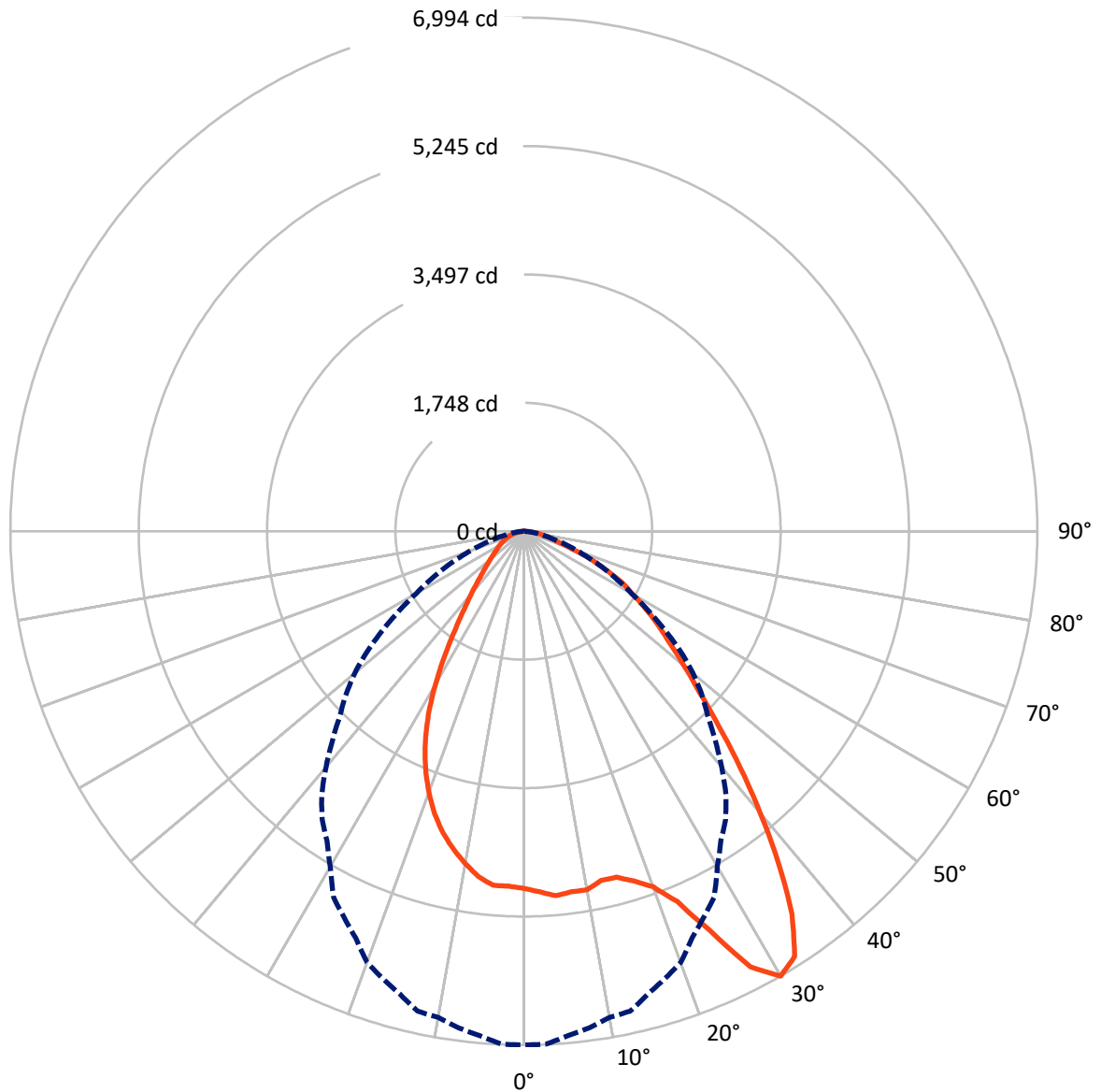
REPORT NUMBER: P722076
 CATALOG NUMBER: IFLD-S-SA2B-740-U-76

Lumen Table



REPORT NUMBER: P722076
CATALOG NUMBER: IFLD-S-SA2B-740-U-76

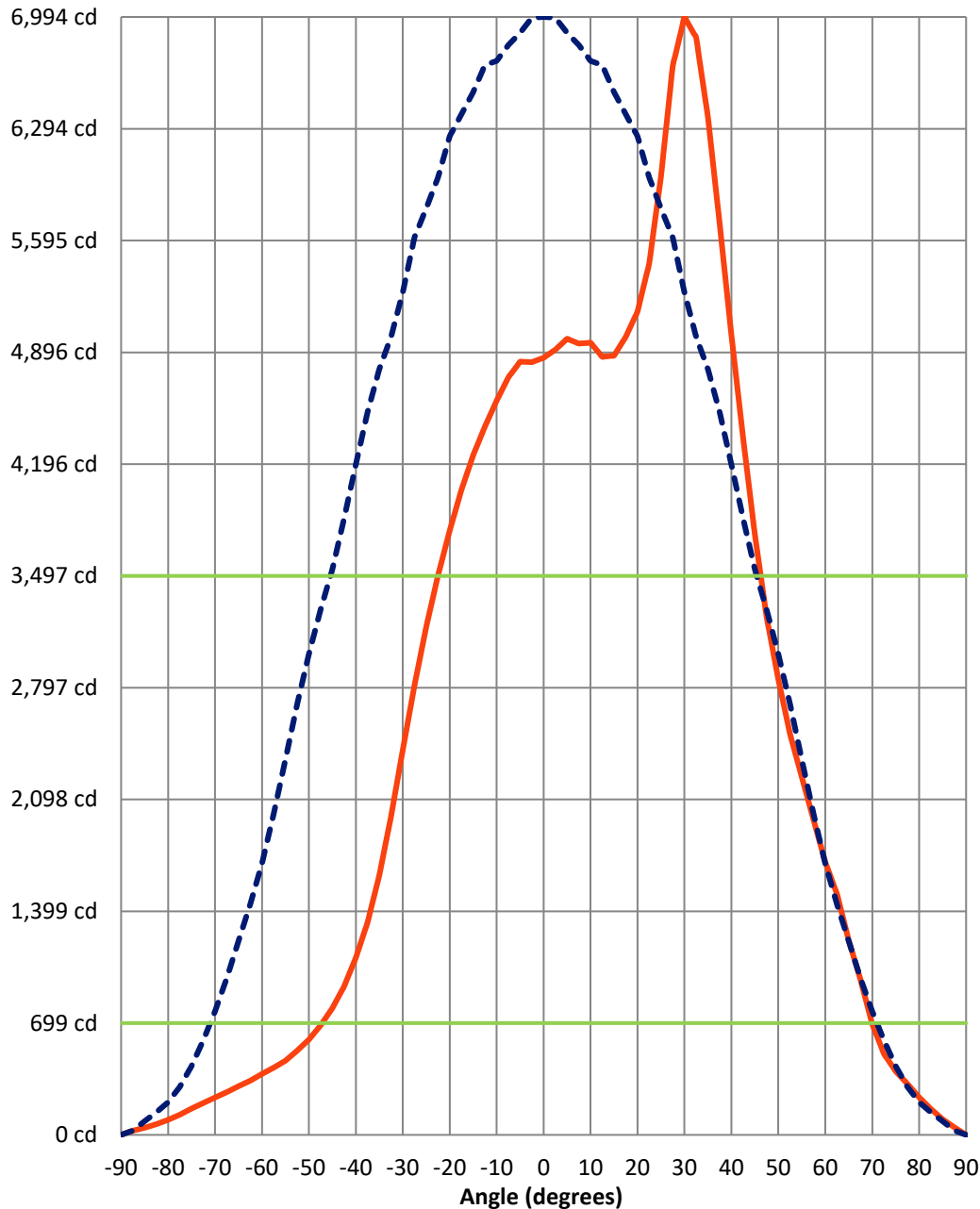
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722076
 CATALOG NUMBER: IFLD-S-SA2B-740-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 6788.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10940.1
 Efficiency: 93.7%

Spill:
 Lumens: 734
 Efficiency: 6.3%

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



REPORT NUMBER: P722076
 CATALOG NUMBER: IFLD-S-SA2B-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°	47.0	48.2	49.5	49.5	48.2	48.2	48.2	47.0	48.2	48.2	48.2
85°	97.7	100.2	102.6	101.4	100.2	97.7	95.2	96.5	97.7	98.9	98.9
82.5°	162.0	165.7	168.2	167.0	164.5	162.0	159.5	160.8	163.2	164.5	164.5
80°	235.0	236.2	237.4	239.9	236.2	236.2	235.0	239.9	242.4	244.9	247.3
77.5°	319.1	320.3	320.3	321.5	322.8	324.0	324.0	332.7	338.9	342.6	346.3
75°	398.2	401.9	405.6	409.4	414.3	416.8	420.5	432.8	442.7	450.2	457.6
72.5°	507.1	512.0	518.2	526.8	535.5	541.7	550.3	565.2	576.3	583.7	592.4
70°	693.8	698.7	704.9	711.1	719.8	726.0	734.6	753.2	764.3	769.2	774.2
67.5°	970.8	983.2	994.3	982.0	975.8	967.1	969.6	986.9	998.0	1005.4	1004.2
65°	1216.9	1225.6	1225.6	1224.3	1219.4	1208.3	1214.5	1235.5	1247.8	1254.0	1235.5
62.5°	1506.3	1506.3	1500.1	1510.0	1511.3	1503.8	1500.1	1501.4	1502.6	1506.3	1475.4
60°	1706.7	1719.0	1722.7	1731.4	1733.9	1733.9	1740.1	1745.0	1745.0	1737.6	1701.7
57.5°	1971.3	1994.8	1999.8	1993.6	1981.2	1965.1	1962.7	1955.2	1940.4	1925.6	1908.2
55°	2238.5	2250.8	2249.6	2245.9	2233.5	2215.0	2217.4	2207.5	2184.0	2165.5	2142.0
52.5°	2506.8	2536.5	2541.4	2534.0	2516.7	2496.9	2498.2	2487.0	2463.5	2443.7	2411.6
50°	2849.4	2874.1	2871.6	2859.3	2834.5	2819.7	2820.9	2799.9	2772.7	2766.5	2724.5
47.5°	3241.4	3269.9	3264.9	3247.6	3214.2	3208.0	3214.2	3187.0	3170.9	3157.3	3107.9
45°	3755.9	3789.3	3770.7	3737.3	3684.2	3690.4	3699.0	3694.1	3659.4	3623.6	3560.5
42.5°	4359.4	4380.4	4358.2	4324.8	4258.0	4270.4	4265.4	4235.7	4214.7	4155.4	4075.0
40°	5005.0	5050.7	5016.1	4964.2	4894.9	4913.5	4899.9	4861.5	4812.1	4737.8	4636.4
37.5°	5701.2	5737.1	5697.5	5636.9	5575.1	5568.9	5541.7	5482.4	5411.9	5330.2	5168.2
35°	6367.8	6460.6	6387.6	6291.2	6215.7	6187.3	6161.3	6024.0	5943.6	5811.3	5589.9
32.5°	6863.8	6931.8	6841.5	6741.3	6649.8	6610.2	6518.7	6355.5	6312.2	6033.9	5831.1
30°	6993.6	6988.7	6894.7	6818.0	6719.1	6691.9	6523.7	6385.2	6246.6	5989.4	5796.5
27.5°	6684.4	6653.5	6563.2	6496.5	6398.8	6366.6	6200.9	6126.7	5912.7	5695.1	5531.8
25°	5995.6	6011.7	5943.6	5910.3	5845.9	5776.7	5711.1	5611.0	5477.4	5286.9	5137.3
22.5°	5452.7	5473.7	5445.2	5405.7	5356.2	5317.9	5268.4	5190.5	5061.9	4944.4	4803.4
20°	5150.9	5144.7	5120.0	5090.3	5043.3	5016.1	4961.7	4896.1	4797.2	4695.8	4543.7
17.5°	4992.6	4954.3	4930.8	4919.6	4894.9	4860.3	4796.0	4729.2	4652.5	4537.5	4426.2
15°	4875.1	4881.3	4862.8	4854.1	4834.3	4786.1	4720.5	4666.1	4562.2	4504.1	4402.7
12.5°	4867.7	4861.5	4862.8	4859.0	4834.3	4772.5	4739.1	4669.8	4603.0	4526.4	4410.1
10°	4955.5	4890.0	4894.9	4912.2	4872.7	4823.2	4787.3	4711.9	4648.8	4551.1	4436.1
7.5°	4950.6	4917.2	4927.1	4898.6	4911.0	4850.4	4800.9	4725.5	4646.3	4542.4	4438.6
5°	4980.2	4929.5	4920.9	4923.4	4892.4	4846.7	4779.9	4708.2	4634.0	4517.7	4411.4
2.5°	4912.2	4919.6	4880.1	4865.2	4861.5	4784.8	4723.0	4653.8	4577.1	4474.4	4379.2
0°	4861.5	4875.1	4834.3	4813.3	4812.1	4746.5	4706.9	4627.8	4573.4	4488.0	4373.0
-2.5°	4834.3	4850.4	4855.3	4817.0	4779.9	4729.2	4662.4	4577.1	4488.0	4389.1	4290.2
-5°	4836.8	4804.6	4791.0	4803.4	4771.2	4720.5	4646.3	4570.9	4483.1	4376.7	4253.1
-7.5°	4739.1	4706.9	4704.5	4698.3	4690.9	4642.6	4580.8	4499.2	4410.1	4311.2	4196.2
-10°	4593.2	4569.7	4563.5	4557.3	4537.5	4509.1	4450.9	4376.7	4296.3	4197.4	4075.0
-12.5°	4431.1	4420.0	4396.5	4380.4	4360.7	4327.3	4271.6	4203.6	4123.2	4035.4	3930.3
-15°	4251.8	4230.8	4207.3	4193.7	4165.3	4125.7	4070.0	4007.0	3919.1	3832.6	3733.6
-17.5°	4035.4	4009.4	3983.5	3979.7	3960.0	3899.4	3847.4	3770.7	3694.1	3611.2	3514.7
-20°	3780.6	3744.8	3727.5	3717.6	3690.4	3645.8	3590.2	3519.7	3445.5	3366.3	3255.0



REPORT NUMBER: P722076

CATALOG NUMBER: IFLD-S-SA2B-740-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3498.7	3467.7	3438.1	3419.5	3396.0	3361.4	3308.2	3246.4	3173.4	3084.4	2981.7
-25°	3178.4	3135.1	3116.5	3095.5	3083.1	3051.0	2999.0	2942.1	2866.7	2780.1	2682.4
-27.5°	2812.3	2777.7	2767.8	2738.1	2723.2	2689.9	2646.6	2593.4	2524.1	2442.5	2362.1
-30°	2407.9	2386.9	2370.8	2341.1	2330.0	2294.1	2265.7	2221.1	2158.1	2099.9	2035.6
-32.5°	1992.3	1971.3	1966.4	1952.8	1945.4	1921.9	1889.7	1857.5	1806.8	1763.6	1711.6
-35°	1623.8	1609.0	1610.2	1609.0	1601.5	1584.2	1544.7	1536.0	1498.9	1459.3	1425.9
-37.5°	1329.5	1330.7	1329.5	1328.2	1318.3	1310.9	1282.5	1271.3	1249.1	1210.7	1191.0
-40°	1108.1	1110.6	1109.3	1106.9	1095.7	1092.0	1073.5	1058.6	1050.0	1022.8	1001.7
-42.5°	928.8	932.5	931.2	930.0	922.6	921.4	911.5	894.1	889.2	873.1	850.9
-45°	792.7	791.5	789.0	791.5	787.8	784.1	777.9	766.8	760.6	753.2	734.6
-47.5°	685.1	686.4	683.9	683.9	679.0	675.2	672.8	665.4	660.4	654.2	643.1
-50°	596.1	601.0	599.8	598.6	594.9	592.4	592.4	585.0	577.5	575.1	567.7
-52.5°	526.8	530.6	531.8	534.3	535.5	536.7	533.0	525.6	513.2	512.0	508.3
-55°	463.8	474.9	482.3	487.3	492.2	495.9	488.5	478.6	466.2	461.3	460.1
-57.5°	420.5	431.6	440.3	447.7	453.9	460.1	452.6	442.7	431.6	425.4	424.2
-60°	380.9	390.8	399.5	409.4	418.0	427.9	424.2	416.8	410.6	405.6	400.7
-62.5°	338.9	348.8	358.6	371.0	382.1	392.0	393.3	392.0	390.8	392.0	383.4
-65°	304.2	309.2	315.4	329.0	341.3	352.5	358.6	362.4	368.5	374.7	366.1
-67.5°	267.1	273.3	280.7	290.6	300.5	307.9	316.6	326.5	336.4	346.3	340.1
-70°	233.7	238.7	244.9	249.8	256.0	260.9	268.4	279.5	290.6	300.5	298.0
-72.5°	199.1	204.1	207.8	210.2	214.0	216.4	220.1	230.0	237.4	242.4	242.4
-75°	164.5	169.4	173.1	174.4	176.9	178.1	180.6	184.3	188.0	189.2	190.5
-77.5°	126.1	131.1	134.8	137.3	139.7	142.2	143.5	145.9	147.2	147.2	148.4
-80°	94.0	97.7	100.2	103.9	105.1	107.6	110.1	111.3	112.5	112.5	113.8
-82.5°	66.8	69.3	71.7	74.2	76.7	77.9	80.4	81.6	82.9	84.1	85.3
-85°	44.5	47.0	49.5	51.9	53.2	54.4	55.7	56.9	58.1	59.4	60.6
-87.5°	26.0	27.2	28.4	30.9	32.2	34.6	35.9	34.6	35.9	35.9	35.9
-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: P722076
 CATALOG NUMBER: IFLD-S-SA2B-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°	48.2	48.2	48.2	48.2	47.0	44.5	43.3	40.8	38.3	35.9	33.4
85°	100.2	101.4	101.4	101.4	98.9	97.7	94.0	90.3	85.3	77.9	71.7
82.5°	167.0	168.2	168.2	167.0	164.5	160.8	155.8	149.6	139.7	129.9	121.2
80°	251.1	252.3	252.3	251.1	244.9	238.7	232.5	225.1	212.7	199.1	184.3
77.5°	351.2	353.7	353.7	350.0	341.3	333.9	324.0	311.7	293.1	273.3	253.5
75°	467.5	473.7	474.9	471.2	460.1	446.5	430.4	409.4	380.9	356.2	332.7
72.5°	602.3	608.5	613.4	608.5	592.4	573.8	550.3	525.6	497.2	463.8	424.2
70°	779.1	785.3	789.0	772.9	744.5	713.6	685.1	656.7	623.3	582.5	539.2
67.5°	1001.7	995.6	988.1	956.0	920.1	883.0	843.4	801.4	758.1	714.8	664.1
65°	1215.7	1198.4	1182.3	1144.0	1098.2	1050.0	1004.2	957.2	905.3	850.9	802.6
62.5°	1440.8	1403.7	1364.1	1317.1	1270.1	1216.9	1171.2	1115.5	1057.4	990.6	928.8
60°	1662.1	1617.6	1578.0	1519.9	1458.1	1386.4	1336.9	1282.5	1214.5	1142.7	1069.8
57.5°	1876.1	1827.9	1784.6	1733.9	1667.1	1589.2	1534.8	1464.3	1392.5	1302.3	1228.1
55°	2103.6	2055.4	2020.8	1963.9	1890.9	1819.2	1759.8	1685.6	1585.5	1489.0	1397.5
52.5°	2364.6	2326.3	2289.2	2231.0	2143.2	2070.3	2004.7	1921.9	1816.7	1698.0	1587.9
50°	2656.5	2636.7	2597.1	2529.1	2428.9	2364.6	2278.0	2168.0	2055.4	1930.5	1793.2
47.5°	3043.6	3011.4	2955.7	2881.5	2797.4	2701.0	2584.7	2456.1	2296.6	2158.1	2012.1
45°	3506.1	3446.7	3375.0	3274.8	3170.9	3062.1	2934.7	2771.5	2557.5	2377.0	2223.6
42.5°	4007.0	3926.6	3828.9	3697.8	3563.0	3429.4	3292.1	3069.5	2802.4	2594.6	2421.5
40°	4530.1	4427.4	4305.0	4114.5	3964.9	3793.0	3635.9	3303.3	3018.8	2793.7	2609.5
37.5°	5042.1	4912.2	4706.9	4475.7	4301.3	4160.3	3815.3	3459.1	3204.3	2957.0	2770.2
35°	5434.1	5324.1	4961.7	4721.8	4572.1	4349.5	3917.9	3553.1	3283.5	3078.2	2787.6
32.5°	5666.6	5382.2	5064.3	4821.9	4698.3	4333.4	3925.3	3580.3	3320.6	3090.5	2743.0
30°	5614.7	5270.9	4992.6	4789.8	4521.4	4193.7	3856.1	3538.2	3285.9	3007.7	2693.6
27.5°	5301.8	5035.9	4787.3	4575.8	4312.4	4018.1	3706.4	3426.9	3192.0	2922.4	2625.5
25°	4948.1	4706.9	4522.7	4338.4	4088.6	3807.8	3533.3	3331.7	3095.5	2829.6	2536.5
22.5°	4622.8	4449.7	4305.0	4112.1	3868.4	3623.6	3452.9	3243.9	3001.5	2731.9	2445.0
20°	4415.1	4297.6	4131.9	3919.1	3727.5	3574.1	3384.9	3163.5	2913.7	2631.7	2367.1
17.5°	4314.9	4178.9	3994.6	3856.1	3708.9	3540.7	3329.2	3094.3	2828.4	2586.0	2375.7
15°	4263.0	4119.5	3998.3	3862.3	3696.5	3519.7	3284.7	3041.1	2828.4	2604.5	2381.9
12.5°	4274.1	4150.4	4018.1	3869.7	3691.6	3502.4	3289.7	3063.3	2843.2	2618.1	2383.1
10°	4308.7	4178.9	4037.9	3873.4	3694.1	3507.3	3303.3	3076.9	2850.6	2624.3	2380.7
7.5°	4321.1	4180.1	4029.2	3863.5	3687.9	3504.8	3305.7	3080.7	2851.9	2623.1	2373.3
5°	4282.7	4155.4	4009.4	3842.5	3670.6	3492.5	3295.8	3075.7	2842.0	2610.7	2354.7
2.5°	4230.8	4128.1	3988.4	3827.6	3653.3	3475.2	3279.8	3053.4	2819.7	2588.4	2331.2
0°	4222.1	4094.8	3953.8	3810.3	3624.8	3436.8	3242.7	3011.4	2778.9	2546.4	2290.4
-2.5°	4165.3	4030.4	3889.5	3733.6	3570.4	3381.2	3177.1	2950.8	2720.8	2492.0	2245.9
-5°	4122.0	3972.3	3822.7	3654.5	3490.0	3300.8	3089.3	2869.2	2644.1	2421.5	2184.0
-7.5°	4063.8	3910.5	3753.4	3577.8	3399.7	3206.8	2997.8	2777.7	2556.3	2334.9	2107.4
-10°	3946.4	3811.6	3664.4	3482.6	3294.6	3101.7	2893.9	2677.5	2456.1	2232.3	2003.5
-12.5°	3804.1	3661.9	3501.1	3334.2	3166.0	2986.7	2778.9	2566.2	2343.6	2118.5	1890.9
-15°	3619.9	3480.1	3315.6	3152.4	2990.4	2818.5	2635.4	2443.7	2217.4	1996.1	1768.5
-17.5°	3389.8	3258.7	3111.6	2955.7	2795.0	2621.8	2443.7	2281.7	2070.3	1862.5	1637.4
-20°	3142.5	3020.1	2887.7	2740.6	2579.8	2410.4	2242.2	2072.7	1889.7	1706.7	1497.7



REPORT NUMBER: P722076
 CATALOG NUMBER: IFLD-S-SA2B-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°	2885.3	2761.6	2628.0	2490.7	2342.3	2185.3	2029.4	1867.4	1706.7	1540.9	1364.1
-25°	2588.4	2479.6	2357.2	2223.6	2091.3	1954.0	1805.6	1658.4	1521.2	1377.7	1233.0
-27.5°	2278.0	2177.9	2066.5	1950.3	1836.5	1721.5	1592.9	1456.8	1343.1	1224.3	1104.4
-30°	1951.5	1871.1	1780.9	1679.5	1591.7	1498.9	1391.3	1278.8	1174.9	1084.6	988.1
-32.5°	1642.4	1574.3	1510.0	1443.2	1356.7	1284.9	1210.7	1127.9	1036.4	951.0	881.8
-35°	1376.5	1303.5	1276.3	1226.8	1165.0	1101.9	1047.5	988.1	918.9	843.4	786.5
-37.5°	1152.6	1109.3	1071.0	1043.8	1003.0	952.3	909.0	865.7	812.5	755.6	698.7
-40°	978.2	948.6	906.5	892.9	866.9	832.3	787.8	754.4	718.5	675.2	627.0
-42.5°	838.5	816.2	789.0	765.5	754.4	729.7	695.0	662.9	634.4	604.8	567.7
-45°	723.5	708.6	691.3	670.3	661.6	641.9	617.1	581.3	565.2	540.4	513.2
-47.5°	630.7	623.3	610.9	597.3	585.0	570.1	547.9	525.6	503.3	487.3	466.2
-50°	557.8	552.8	545.4	534.3	518.2	508.3	493.4	473.7	452.6	439.0	424.2
-52.5°	499.6	494.7	489.7	481.1	468.7	458.8	446.5	430.4	413.1	399.5	387.1
-55°	455.1	447.7	444.0	436.6	426.7	415.5	404.4	393.3	378.4	366.1	353.7
-57.5°	420.5	410.6	405.6	399.5	389.6	378.4	369.8	358.6	348.8	335.1	324.0
-60°	393.3	382.1	372.3	366.1	357.4	346.3	337.6	329.0	319.1	307.9	294.3
-62.5°	371.0	357.4	343.8	336.4	327.7	317.8	309.2	300.5	290.6	279.5	267.1
-65°	350.0	333.9	316.6	309.2	300.5	290.6	279.5	273.3	264.7	254.8	242.4
-67.5°	324.0	306.7	291.9	283.2	274.6	265.9	256.0	249.8	241.2	228.8	216.4
-70°	285.7	274.6	264.7	257.2	249.8	242.4	232.5	222.6	212.7	201.6	190.5
-72.5°	237.4	233.7	232.5	228.8	220.1	211.5	201.6	191.7	183.0	174.4	165.7
-75°	191.7	194.2	196.6	195.4	186.7	178.1	169.4	160.8	154.6	147.2	139.7
-77.5°	152.1	154.6	157.1	157.1	150.9	145.9	139.7	133.6	128.6	122.4	115.0
-80°	117.5	121.2	124.9	127.4	122.4	118.7	113.8	108.8	103.9	98.9	94.0
-82.5°	89.0	92.8	96.5	98.9	95.2	92.8	89.0	85.3	81.6	76.7	73.0
-85°	64.3	66.8	69.3	70.5	68.0	65.5	63.1	60.6	58.1	54.4	51.9
-87.5°	37.1	38.3	39.6	40.8	38.3	35.9	34.6	32.2	30.9	28.4	27.2
-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: P722076
 CATALOG NUMBER: IFLD-S-SA2B-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°	30.9	28.4	26.0	24.7	22.3	18.6	16.1	13.6	11.1	8.7	7.4
85°	65.5	59.4	51.9	48.2	43.3	38.3	33.4	28.4	23.5	18.6	13.6
82.5°	112.5	105.1	97.7	89.0	77.9	64.3	50.7	42.0	34.6	27.2	21.0
80°	169.4	155.8	143.5	132.3	120.0	102.6	84.1	66.8	47.0	35.9	27.2
77.5°	235.0	218.9	201.6	183.0	163.2	139.7	118.7	96.5	73.0	49.5	34.6
75°	309.2	288.2	264.7	238.7	212.7	181.8	152.1	126.1	98.9	69.3	42.0
72.5°	392.0	366.1	337.6	303.0	262.2	226.3	190.5	155.8	123.7	87.8	56.9
70°	498.4	457.6	415.5	378.4	326.5	269.6	227.6	188.0	147.2	107.6	71.7
67.5°	612.2	562.7	512.0	457.6	392.0	325.3	264.7	220.1	171.9	126.1	85.3
65°	735.8	674.0	609.7	549.1	458.8	379.7	311.7	251.1	195.4	143.5	98.9
62.5°	863.2	790.3	716.1	636.9	533.0	435.3	356.2	285.7	217.7	159.5	111.3
60°	999.3	913.9	823.7	724.7	603.5	495.9	398.2	321.5	241.2	175.6	124.9
57.5°	1142.7	1050.0	943.6	810.0	676.5	554.0	446.5	353.7	262.2	190.5	134.8
55°	1298.5	1192.2	1075.9	899.1	748.2	612.2	494.7	385.9	284.4	202.8	144.7
52.5°	1466.7	1343.1	1195.9	993.1	823.7	671.5	539.2	414.3	305.5	216.4	153.4
50°	1654.7	1498.9	1301.0	1079.7	889.2	727.2	583.7	445.2	322.8	231.3	160.8
47.5°	1850.1	1681.9	1395.0	1160.0	956.0	781.6	629.5	472.4	340.1	243.6	168.2
45°	2054.2	1809.3	1492.7	1231.8	1014.1	831.1	664.1	497.2	361.1	254.8	174.4
42.5°	2255.8	1905.8	1578.0	1303.5	1068.5	875.6	692.6	520.7	378.4	265.9	180.6
40°	2351.0	1978.7	1646.1	1353.0	1114.3	915.2	717.3	541.7	393.3	273.3	186.7
37.5°	2390.6	2023.3	1690.6	1400.0	1150.1	936.2	738.3	560.2	405.6	280.7	191.7
35°	2399.2	2039.3	1712.8	1432.1	1179.8	956.0	754.4	573.8	415.5	288.2	196.6
32.5°	2383.1	2034.4	1719.0	1443.2	1198.4	970.8	765.5	583.7	423.0	295.6	201.6
30°	2347.3	2008.4	1696.8	1442.0	1212.0	979.5	772.9	591.1	430.4	300.5	204.1
27.5°	2289.2	1962.7	1668.3	1443.2	1219.4	983.2	776.7	594.9	435.3	304.2	209.0
25°	2217.4	1900.8	1669.6	1440.8	1220.6	984.4	776.7	594.9	436.6	305.5	212.7
22.5°	2134.6	1900.8	1669.6	1437.1	1213.2	982.0	772.9	592.4	436.6	307.9	216.4
20°	2139.5	1902.1	1665.9	1429.6	1202.1	974.5	764.3	586.2	432.8	311.7	218.9
17.5°	2143.2	1899.6	1658.4	1419.7	1187.2	962.2	753.2	577.5	432.8	315.4	220.1
15°	2143.2	1892.2	1647.3	1404.9	1168.7	944.8	737.1	570.1	434.1	316.6	222.6
12.5°	2139.5	1878.6	1630.0	1385.1	1146.4	923.8	727.2	567.7	434.1	317.8	222.6
10°	2132.1	1860.0	1607.7	1360.4	1125.4	916.4	722.2	562.7	431.6	317.8	222.6
7.5°	2118.5	1837.8	1589.2	1345.5	1113.0	907.7	714.8	555.3	427.9	315.4	225.1
5°	2097.5	1825.4	1574.3	1328.2	1095.7	901.6	709.9	549.1	425.4	315.4	222.6
2.5°	2070.3	1810.5	1557.0	1306.0	1075.9	880.5	693.8	535.5	416.8	310.4	220.1
0°	2025.7	1780.9	1527.3	1275.1	1048.7	859.5	677.7	521.9	408.1	305.5	217.7
-2.5°	1984.9	1741.3	1489.0	1242.9	1022.8	841.0	665.4	514.5	404.4	304.2	216.4
-5°	1928.0	1686.9	1438.3	1200.8	988.1	822.4	653.0	505.8	400.7	301.8	216.4
-7.5°	1865.0	1630.0	1385.1	1157.6	953.5	790.3	629.5	492.2	392.0	296.8	215.2
-10°	1767.3	1544.7	1318.3	1108.1	916.4	761.8	609.7	479.8	384.6	291.9	210.2
-12.5°	1663.4	1450.7	1241.7	1047.5	874.4	732.1	587.4	466.2	376.0	286.9	207.8
-15°	1553.3	1354.2	1161.3	984.4	828.6	696.3	563.9	451.4	367.3	280.7	204.1
-17.5°	1438.3	1252.8	1078.4	920.1	782.8	659.2	539.2	437.8	357.4	274.6	200.3
-20°	1317.1	1148.9	994.3	854.6	734.6	622.1	513.2	421.7	346.3	267.1	195.4



REPORT NUMBER: P722076
 CATALOG NUMBER: IFLD-S-SA2B-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1197.1	1046.3	907.7	790.3	685.1	583.7	487.3	405.6	333.9	258.5	191.7
-25°	1090.8	949.8	831.1	728.4	636.9	546.6	460.1	389.6	320.3	249.8	186.7
-27.5°	986.9	866.9	755.6	670.3	589.9	510.8	434.1	372.3	306.7	239.9	181.8
-30°	890.4	787.8	696.3	613.4	545.4	478.6	411.8	354.9	291.9	230.0	175.6
-32.5°	802.6	719.8	643.1	563.9	503.3	446.5	390.8	337.6	277.0	220.1	169.4
-35°	721.0	656.7	589.9	523.1	461.3	416.8	368.5	319.1	263.4	209.0	163.2
-37.5°	648.0	596.1	542.9	486.0	432.8	388.3	347.5	300.5	249.8	199.1	157.1
-40°	585.0	542.9	495.9	450.2	405.6	363.6	326.5	282.0	236.2	191.7	150.9
-42.5°	526.8	494.7	456.3	418.0	378.4	341.3	305.5	262.2	222.6	183.0	144.7
-45°	482.3	450.2	419.2	384.6	351.2	319.1	283.2	244.9	210.2	173.1	138.5
-47.5°	440.3	411.8	383.4	354.9	327.7	298.0	262.2	230.0	196.6	164.5	133.6
-50°	403.2	376.0	351.2	326.5	303.0	274.6	241.2	215.2	185.5	155.8	127.4
-52.5°	368.5	345.0	320.3	300.5	280.7	252.3	225.1	200.3	174.4	145.9	121.2
-55°	337.6	315.4	293.1	274.6	256.0	231.3	209.0	188.0	163.2	138.5	115.0
-57.5°	307.9	289.4	268.4	251.1	232.5	212.7	194.2	174.4	152.1	131.1	108.8
-60°	280.7	263.4	244.9	227.6	211.5	195.4	178.1	162.0	142.2	122.4	102.6
-62.5°	253.5	238.7	222.6	205.3	192.9	178.1	164.5	148.4	132.3	115.0	91.5
-65°	228.8	215.2	200.3	185.5	174.4	163.2	150.9	136.0	122.4	106.4	81.6
-67.5°	204.1	191.7	179.3	167.0	157.1	148.4	136.0	124.9	113.8	96.5	71.7
-70°	180.6	170.7	159.5	149.6	142.2	132.3	123.7	113.8	103.9	84.1	60.6
-72.5°	158.3	148.4	139.7	132.3	126.1	117.5	110.1	102.6	89.0	70.5	50.7
-75°	132.3	126.1	121.2	115.0	108.8	102.6	96.5	87.8	74.2	56.9	39.6
-77.5°	108.8	105.1	101.4	96.5	91.5	86.6	79.1	70.5	59.4	44.5	32.2
-80°	89.0	85.3	82.9	77.9	74.2	69.3	61.8	54.4	43.3	34.6	26.0
-82.5°	68.0	65.5	63.1	60.6	56.9	51.9	44.5	38.3	32.2	26.0	19.8
-85°	48.2	47.0	44.5	42.0	38.3	34.6	29.7	26.0	22.3	17.3	13.6
-87.5°	24.7	23.5	22.3	21.0	19.8	17.3	14.8	12.4	11.1	8.7	6.2
-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: P722076
 CATALOG NUMBER: IFLD-S-SA2B-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.9	3.7	1.2	0.0
85°	9.9	6.2	2.5	0.0
82.5°	14.8	9.9	3.7	0.0
80°	19.8	12.4	6.2	0.0
77.5°	24.7	14.8	7.4	0.0
75°	29.7	18.6	8.7	0.0
72.5°	33.4	21.0	9.9	0.0
70°	39.6	24.7	11.1	0.0
67.5°	49.5	27.2	12.4	0.0
65°	58.1	29.7	13.6	0.0
62.5°	68.0	32.2	14.8	0.0
60°	76.7	34.6	16.1	0.0
57.5°	85.3	40.8	17.3	0.0
55°	92.8	45.8	18.6	0.0
52.5°	101.4	50.7	19.8	0.0
50°	108.8	55.7	21.0	0.0
47.5°	115.0	60.6	21.0	0.0
45°	120.0	64.3	22.3	0.0
42.5°	123.7	68.0	23.5	0.0
40°	127.4	71.7	24.7	0.0
37.5°	131.1	75.4	24.7	0.0
35°	134.8	79.1	26.0	0.0
32.5°	138.5	82.9	26.0	0.0
30°	141.0	85.3	27.2	0.0
27.5°	144.7	87.8	27.2	0.0
25°	145.9	90.3	28.4	0.0
22.5°	148.4	91.5	28.4	0.0
20°	150.9	94.0	28.4	0.0
17.5°	152.1	95.2	29.7	0.0
15°	152.1	96.5	30.9	0.0
12.5°	153.4	97.7	30.9	0.0
10°	153.4	100.2	29.7	0.0
7.5°	155.8	98.9	29.7	0.0
5°	154.6	98.9	29.7	0.0
2.5°	153.4	97.7	29.7	0.0
0°	152.1	97.7	29.7	0.0
-2.5°	152.1	97.7	29.7	0.0
-5°	152.1	97.7	29.7	0.0
-7.5°	150.9	98.9	29.7	0.0
-10°	148.4	98.9	29.7	0.0
-12.5°	147.2	95.2	29.7	0.0
-15°	145.9	94.0	29.7	0.0
-17.5°	143.5	92.8	28.4	0.0
-20°	141.0	91.5	28.4	0.0



REPORT NUMBER: P722076

CATALOG NUMBER: IFLD-S-SA2B-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	138.5	89.0	28.4	0.0
-25°	136.0	86.6	27.2	0.0
-27.5°	133.6	84.1	27.2	0.0
-30°	129.9	81.6	26.0	0.0
-32.5°	126.1	79.1	26.0	0.0
-35°	123.7	75.4	24.7	0.0
-37.5°	120.0	71.7	24.7	0.0
-40°	116.3	68.0	23.5	0.0
-42.5°	112.5	64.3	22.3	0.0
-45°	107.6	60.6	22.3	0.0
-47.5°	103.9	56.9	21.0	0.0
-50°	97.7	51.9	19.8	0.0
-52.5°	90.3	47.0	18.6	0.0
-55°	82.9	43.3	17.3	0.0
-57.5°	75.4	38.3	17.3	0.0
-60°	68.0	33.4	16.1	0.0
-62.5°	60.6	30.9	14.8	0.0
-65°	53.2	28.4	13.6	0.0
-67.5°	44.5	24.7	12.4	0.0
-70°	37.1	22.3	11.1	0.0
-72.5°	32.2	19.8	9.9	0.0
-75°	27.2	17.3	8.7	0.0
-77.5°	23.5	14.8	7.4	0.0
-80°	18.6	11.1	4.9	0.0
-82.5°	13.6	8.7	3.7	0.0
-85°	8.7	6.2	2.5	0.0
-87.5°	4.9	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)