

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: P721989

Luminaire Tested: **IFLD-S-SA2B-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721989  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2B-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

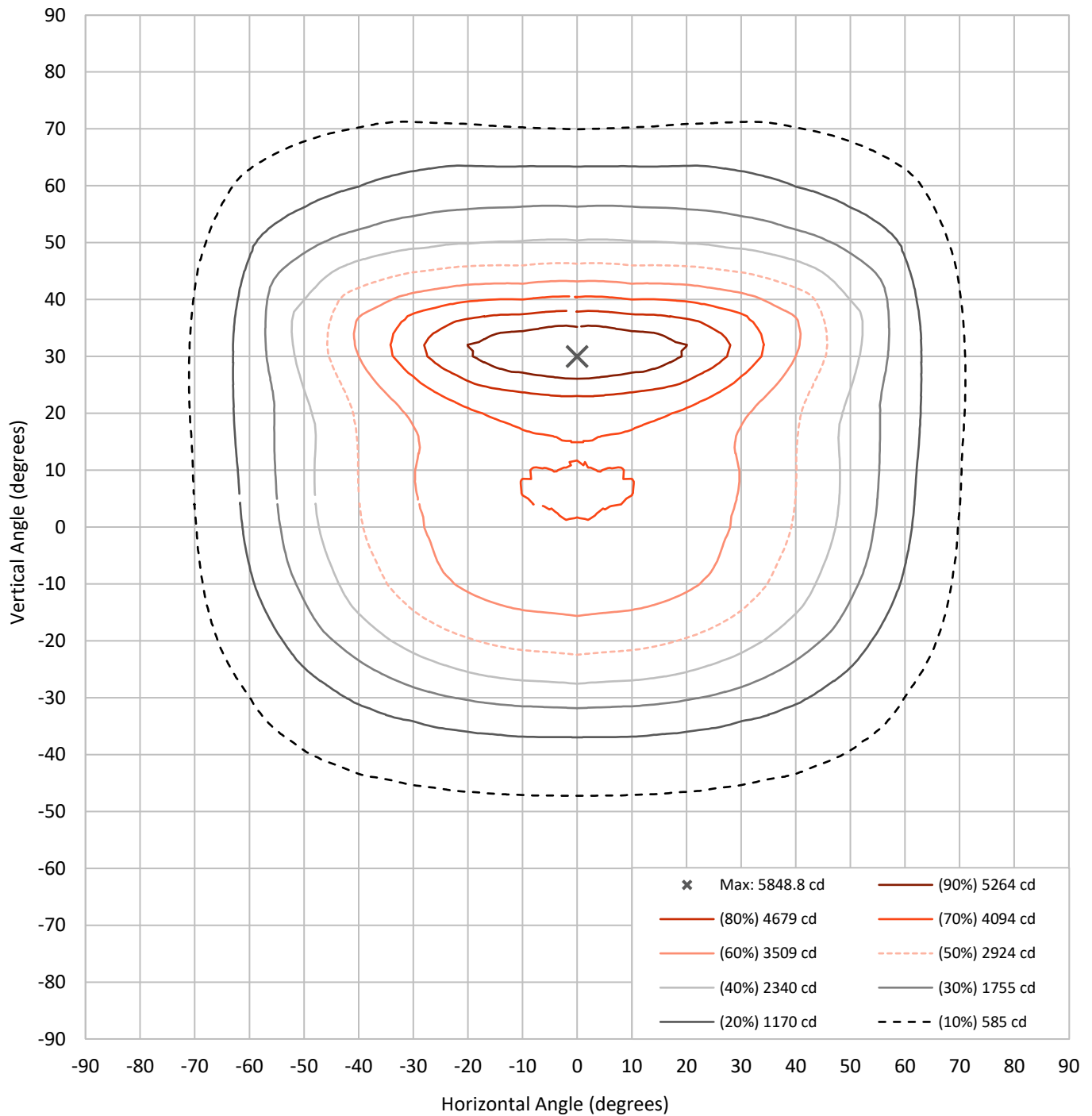
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9763 lumens	Max Intensity:	5848.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5677.3 lumens	Field Lumens:	9149.2 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: P721989  
CATALOG NUMBER: IFLD-S-SA2B-727-U-76

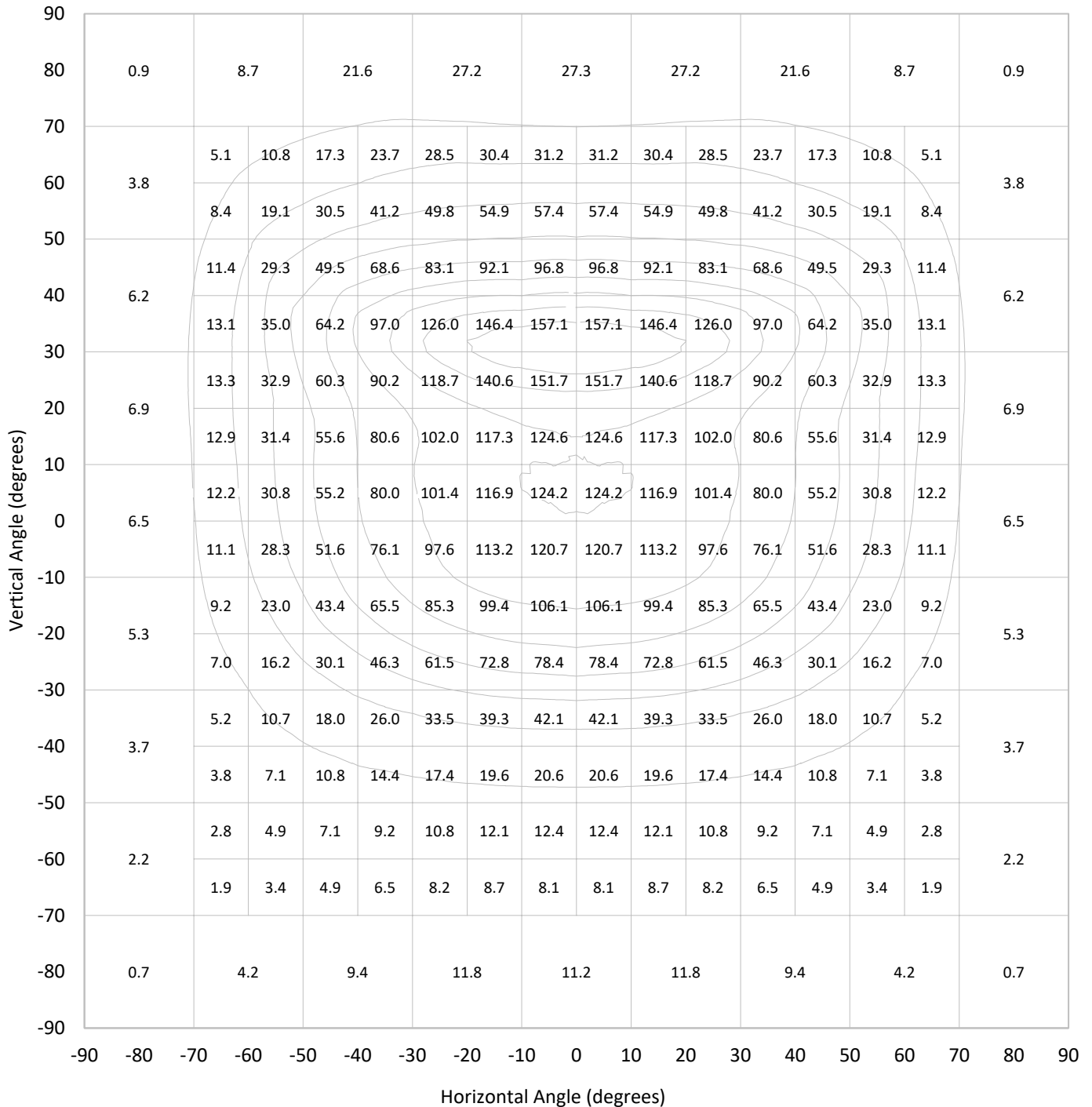
### Iso-Candela Plot





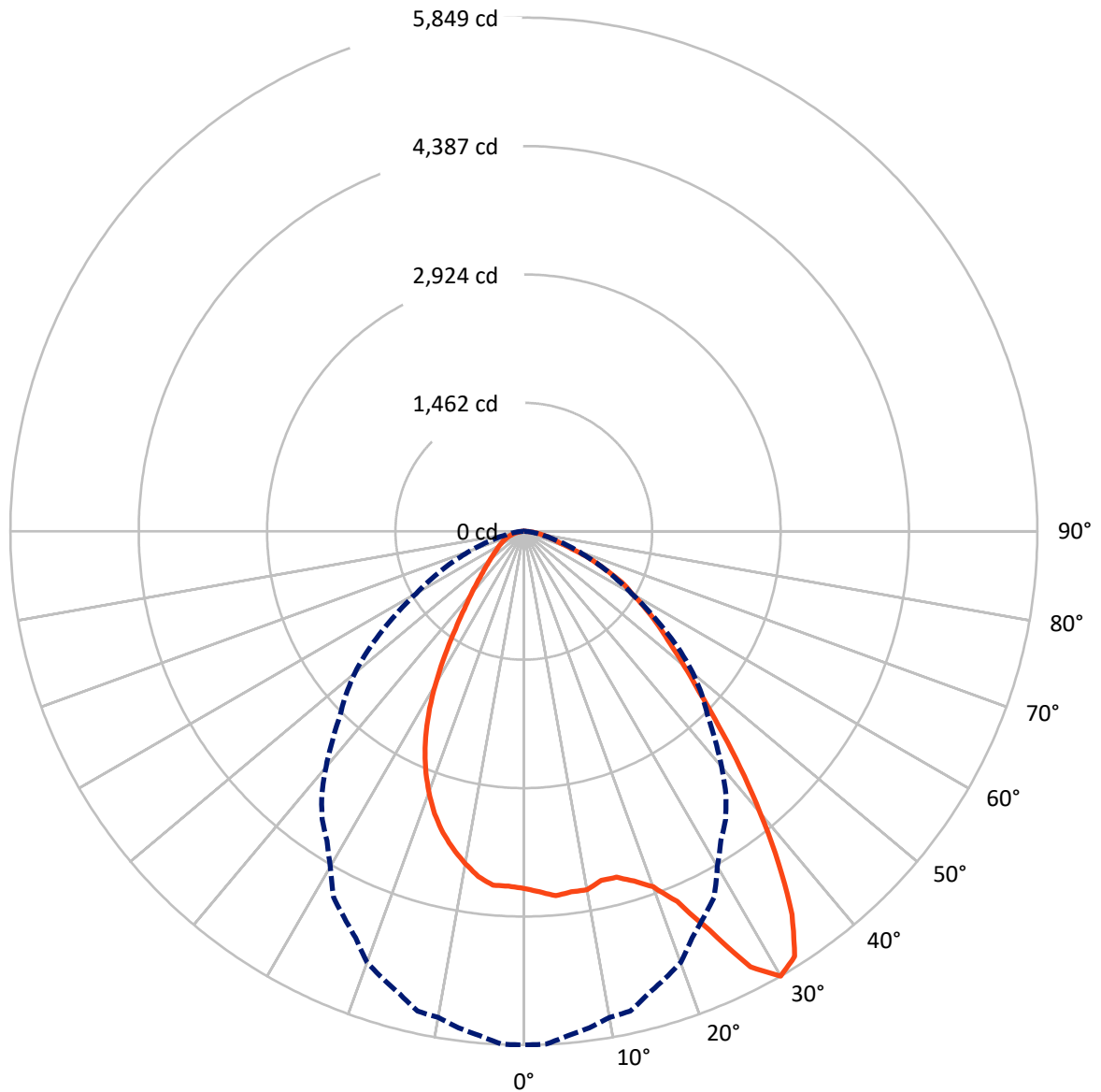
REPORT NUMBER: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-U-76

### Lumen Table



REPORT NUMBER: P721989  
CATALOG NUMBER: IFLD-S-SA2B-727-U-76

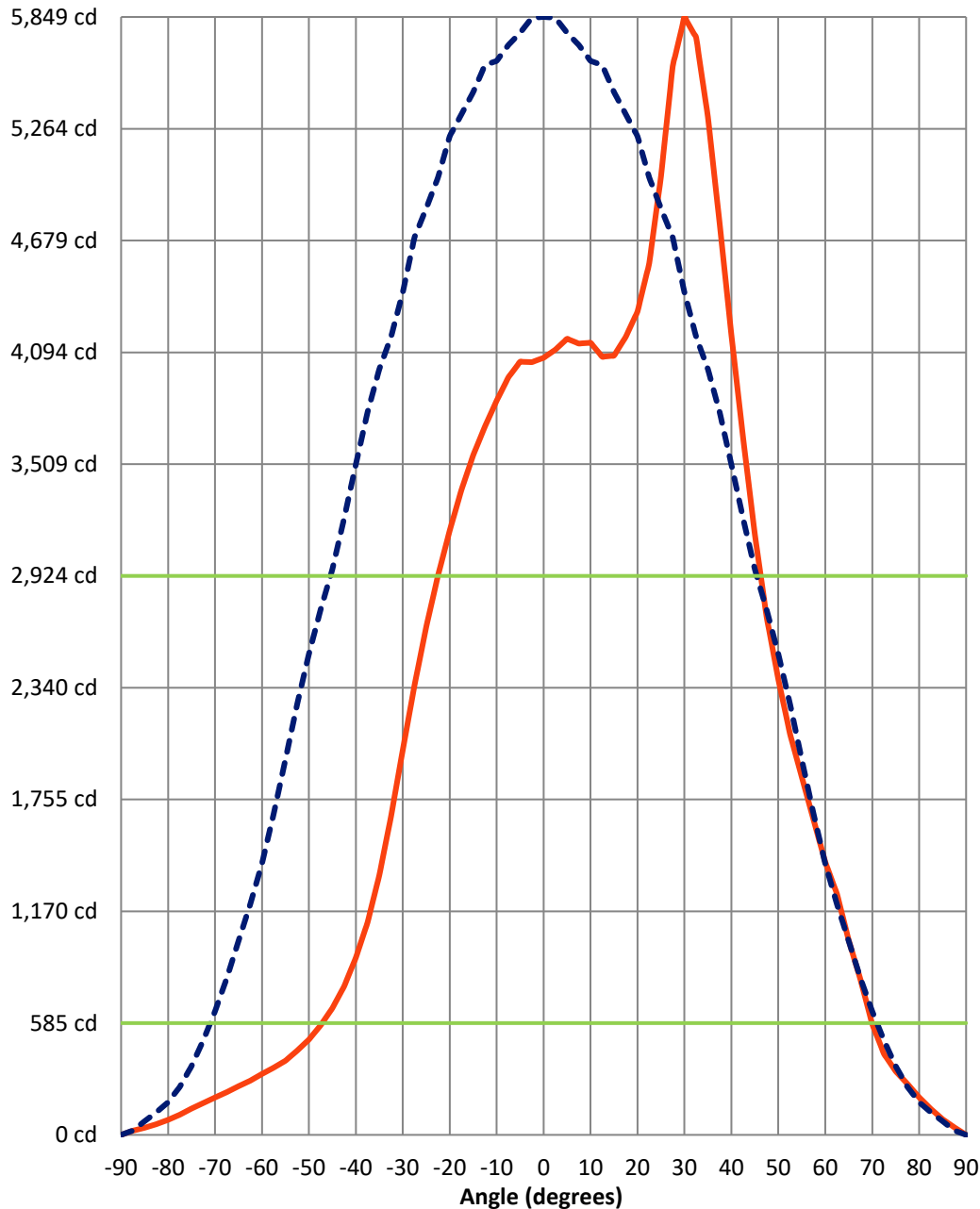
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 5677.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 9149.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 613.8  
 Efficiency: 6.3%

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



REPORT NUMBER: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-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°	39.3	40.3	41.4	41.4	40.3	40.3	40.3	39.3	40.3	40.3	40.3
85°	81.7	83.8	85.8	84.8	83.8	81.7	79.6	80.7	81.7	82.7	82.7
82.5°	135.5	138.6	140.7	139.6	137.6	135.5	133.4	134.5	136.5	137.6	137.6
80°	196.5	197.5	198.6	200.6	197.5	197.5	196.5	200.6	202.7	204.8	206.9
77.5°	266.8	267.9	267.9	268.9	269.9	271.0	271.0	278.2	283.4	286.5	289.6
75°	333.0	336.1	339.2	342.3	346.5	348.5	351.6	362.0	370.3	376.5	382.7
72.5°	424.0	428.2	433.4	440.6	447.8	453.0	460.2	472.7	482.0	488.2	495.4
70°	580.2	584.4	589.5	594.7	601.9	607.1	614.4	629.9	639.2	643.3	647.4
67.5°	811.9	822.2	831.5	821.2	816.0	808.8	810.9	825.3	834.7	840.9	839.8
65°	1017.7	1025.0	1025.0	1023.9	1019.8	1010.5	1015.6	1033.2	1043.6	1048.7	1033.2
62.5°	1259.7	1259.7	1254.6	1262.8	1263.9	1257.7	1254.6	1255.6	1256.6	1259.7	1233.9
60°	1427.3	1437.6	1440.7	1448.0	1450.0	1450.0	1455.2	1459.3	1459.3	1453.1	1423.1
57.5°	1648.6	1668.3	1672.4	1667.2	1656.9	1643.4	1641.4	1635.2	1622.8	1610.3	1595.9
55°	1872.0	1882.4	1881.3	1878.2	1867.9	1852.4	1854.4	1846.2	1826.5	1811.0	1791.3
52.5°	2096.5	2121.3	2125.4	2119.2	2104.7	2088.2	2089.2	2079.9	2060.3	2043.7	2016.8
50°	2382.9	2403.6	2401.6	2391.2	2370.5	2358.1	2359.2	2341.6	2318.8	2313.6	2278.5
47.5°	2710.8	2734.6	2730.5	2716.0	2688.1	2682.9	2688.1	2665.3	2651.9	2640.5	2599.1
45°	3141.1	3169.0	3153.5	3125.5	3081.1	3086.2	3093.5	3089.3	3060.4	3030.4	2977.6
42.5°	3645.8	3663.4	3644.7	3616.8	3561.0	3571.3	3567.2	3542.4	3524.8	3475.1	3407.9
40°	4185.7	4223.9	4195.0	4151.5	4093.6	4109.1	4097.8	4065.7	4024.3	3962.3	3877.5
37.5°	4768.0	4797.9	4764.9	4714.2	4662.5	4657.3	4634.5	4584.9	4525.9	4457.7	4322.2
35°	5325.4	5403.0	5342.0	5261.3	5198.2	5174.4	5152.7	5037.9	4970.7	4860.0	4674.9
32.5°	5740.2	5797.0	5721.5	5637.8	5561.2	5528.1	5451.6	5315.1	5278.9	5046.2	4876.6
30°	5848.8	5844.6	5766.0	5701.9	5619.2	5596.4	5455.7	5339.9	5224.1	5008.9	4847.6
27.5°	5590.2	5564.3	5488.8	5433.0	5351.3	5324.4	5185.8	5123.7	4944.8	4762.8	4626.3
25°	5014.1	5027.6	4970.7	4942.7	4889.0	4831.0	4776.2	4692.5	4580.8	4421.5	4296.3
22.5°	4560.1	4577.6	4553.9	4520.8	4479.4	4447.3	4406.0	4340.8	4233.2	4135.0	4017.1
20°	4307.7	4302.5	4281.9	4257.0	4217.7	4195.0	4149.5	4094.6	4011.9	3927.1	3799.9
17.5°	4175.3	4143.3	4123.6	4114.3	4093.6	4064.7	4010.9	3955.0	3890.9	3794.7	3701.6
15°	4077.1	4082.2	4066.7	4059.5	4042.9	4002.6	3947.8	3902.3	3815.4	3766.8	3682.0
12.5°	4070.9	4065.7	4066.7	4063.6	4042.9	3991.2	3963.3	3905.4	3849.5	3785.4	3688.2
10°	4144.3	4089.5	4093.6	4108.1	4075.0	4033.6	4003.6	3940.5	3887.8	3806.1	3709.9
7.5°	4140.2	4112.2	4120.5	4096.7	4107.1	4056.4	4015.0	3951.9	3885.7	3798.8	3712.0
5°	4165.0	4122.6	4115.3	4117.4	4091.5	4053.3	3997.4	3937.4	3875.4	3778.2	3689.2
2.5°	4108.1	4114.3	4081.2	4068.8	4065.7	4001.6	3949.9	3891.9	3827.8	3742.0	3662.3
0°	4065.7	4077.1	4042.9	4025.4	4024.3	3969.5	3936.4	3870.2	3824.7	3753.3	3657.2
-2.5°	4042.9	4056.4	4060.5	4028.5	3997.4	3955.0	3899.2	3827.8	3753.3	3670.6	3587.9
-5°	4045.0	4018.1	4006.7	4017.1	3990.2	3947.8	3885.7	3822.6	3749.2	3660.3	3556.8
-7.5°	3963.3	3936.4	3934.3	3929.2	3923.0	3882.6	3830.9	3762.7	3688.2	3605.4	3509.3
-10°	3841.3	3821.6	3816.4	3811.3	3794.7	3770.9	3722.3	3660.3	3593.0	3510.3	3407.9
-12.5°	3705.8	3696.5	3676.8	3663.4	3646.8	3618.9	3572.3	3515.5	3448.2	3374.8	3286.9
-15°	3555.8	3538.2	3518.6	3507.2	3483.4	3450.3	3403.8	3351.0	3277.6	3205.2	3122.4
-17.5°	3374.8	3353.1	3331.4	3328.3	3311.7	3261.0	3217.6	3153.5	3089.3	3020.0	2939.4
-20°	3161.7	3131.7	3117.3	3109.0	3086.2	3049.0	3002.5	2943.5	2881.5	2815.3	2722.2



REPORT NUMBER: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2925.9	2900.1	2875.3	2859.7	2840.1	2811.1	2766.7	2714.9	2653.9	2579.5	2493.6
-25°	2658.1	2621.9	2606.3	2588.8	2578.4	2551.5	2508.1	2460.5	2397.4	2325.0	2243.3
-27.5°	2351.9	2323.0	2314.7	2289.9	2277.4	2249.5	2213.3	2168.9	2110.9	2042.7	1975.4
-30°	2013.7	1996.1	1982.7	1957.9	1948.6	1918.6	1894.8	1857.5	1804.8	1756.2	1702.4
-32.5°	1666.2	1648.6	1644.5	1633.1	1626.9	1607.2	1580.4	1553.5	1511.1	1474.9	1431.4
-35°	1358.0	1345.6	1346.6	1345.6	1339.4	1324.9	1291.8	1284.6	1253.5	1220.4	1192.5
-37.5°	1111.8	1112.9	1111.8	1110.8	1102.5	1096.3	1072.5	1063.2	1044.6	1012.5	996.0
-40°	926.7	928.8	927.7	925.7	916.4	913.3	897.7	885.3	878.1	855.3	837.8
-42.5°	776.7	779.8	778.8	777.8	771.6	770.5	762.3	747.8	743.6	730.2	711.6
-45°	663.0	661.9	659.9	661.9	658.8	655.7	650.6	641.2	636.1	629.9	614.4
-47.5°	573.0	574.0	571.9	571.9	567.8	564.7	562.6	556.4	552.3	547.1	537.8
-50°	498.5	502.7	501.6	500.6	497.5	495.4	495.4	489.2	483.0	480.9	474.7
-52.5°	440.6	443.7	444.7	446.8	447.8	448.9	445.8	439.6	429.2	428.2	425.1
-55°	387.8	397.2	403.4	407.5	411.6	414.7	408.5	400.3	389.9	385.8	384.7
-57.5°	351.6	361.0	368.2	374.4	379.6	384.7	378.5	370.3	361.0	355.8	354.8
-60°	318.6	326.8	334.1	342.3	349.6	357.9	354.8	348.5	343.4	339.2	335.1
-62.5°	283.4	291.7	299.9	310.3	319.6	327.9	328.9	327.9	326.8	327.9	320.6
-65°	254.4	258.6	263.7	275.1	285.5	294.8	299.9	303.0	308.2	313.4	306.1
-67.5°	223.4	228.6	234.8	243.1	251.3	257.5	264.8	273.0	281.3	289.6	284.4
-70°	195.5	199.6	204.8	208.9	214.1	218.2	224.4	233.7	243.1	251.3	249.3
-72.5°	166.5	170.7	173.8	175.8	178.9	181.0	184.1	192.4	198.6	202.7	202.7
-75°	137.6	141.7	144.8	145.8	147.9	148.9	151.0	154.1	157.2	158.2	159.3
-77.5°	105.5	109.6	112.7	114.8	116.9	118.9	120.0	122.0	123.1	123.1	124.1
-80°	78.6	81.7	83.8	86.9	87.9	90.0	92.0	93.1	94.1	94.1	95.2
-82.5°	55.9	57.9	60.0	62.1	64.1	65.2	67.2	68.3	69.3	70.3	71.4
-85°	37.2	39.3	41.4	43.4	44.5	45.5	46.5	47.6	48.6	49.6	50.7
-87.5°	21.7	22.8	23.8	25.9	26.9	29.0	30.0	29.0	30.0	30.0	30.0
-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: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-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°	40.3	40.3	40.3	40.3	39.3	37.2	36.2	34.1	32.1	30.0	27.9
85°	83.8	84.8	84.8	84.8	82.7	81.7	78.6	75.5	71.4	65.2	60.0
82.5°	139.6	140.7	140.7	139.6	137.6	134.5	130.3	125.1	116.9	108.6	101.4
80°	210.0	211.0	211.0	210.0	204.8	199.6	194.4	188.2	177.9	166.5	154.1
77.5°	293.7	295.8	295.8	292.7	285.5	279.3	271.0	260.6	245.1	228.6	212.0
75°	391.0	396.1	397.2	394.1	384.7	373.4	359.9	342.3	318.6	297.9	278.2
72.5°	503.7	508.9	513.0	508.9	495.4	479.9	460.2	439.6	415.8	387.8	354.8
70°	651.6	656.8	659.9	646.4	622.6	596.8	573.0	549.2	521.3	487.1	450.9
67.5°	837.8	832.6	826.4	799.5	769.5	738.5	705.4	670.2	634.0	597.8	555.4
65°	1016.7	1002.2	988.8	956.7	918.4	878.1	839.8	800.5	757.1	711.6	671.2
62.5°	1204.9	1173.9	1140.8	1101.5	1062.2	1017.7	979.4	932.9	884.3	828.4	776.7
60°	1390.1	1352.8	1319.7	1271.1	1219.4	1159.4	1118.0	1072.5	1015.6	955.7	894.6
57.5°	1569.0	1528.6	1492.4	1450.0	1394.2	1329.0	1283.5	1224.6	1164.6	1089.1	1027.0
55°	1759.3	1718.9	1690.0	1642.4	1581.4	1521.4	1471.8	1409.7	1325.9	1245.3	1168.7
52.5°	1977.5	1945.4	1914.4	1865.8	1792.4	1731.4	1676.5	1607.2	1519.3	1420.0	1328.0
50°	2221.6	2205.0	2172.0	2115.1	2031.3	1977.5	1905.1	1813.1	1718.9	1614.5	1499.7
47.5°	2545.3	2518.4	2471.9	2409.8	2339.5	2258.8	2161.6	2054.0	1920.6	1804.8	1682.7
45°	2932.1	2882.5	2822.5	2738.7	2651.9	2560.8	2454.3	2317.8	2138.9	1987.9	1859.6
42.5°	3351.0	3283.8	3202.1	3092.4	2979.7	2868.0	2753.2	2567.0	2343.6	2169.9	2025.1
40°	3788.5	3702.7	3600.3	3441.0	3315.8	3172.1	3040.7	2762.5	2524.6	2336.4	2182.3
37.5°	4216.7	4108.1	3936.4	3743.0	3597.2	3479.3	3190.7	2892.8	2679.8	2472.9	2316.8
35°	4544.6	4452.5	4149.5	3948.8	3823.7	3637.5	3276.5	2971.4	2746.0	2574.3	2331.2
32.5°	4739.0	4501.1	4235.3	4032.6	3929.2	3624.1	3282.8	2994.2	2777.0	2584.6	2294.0
30°	4695.6	4408.0	4175.3	4005.7	3781.3	3507.2	3224.8	2959.0	2748.0	2515.3	2252.6
27.5°	4433.9	4211.5	4003.6	3826.8	3606.5	3360.3	3099.7	2865.9	2669.4	2444.0	2195.7
25°	4138.1	3936.4	3782.3	3628.2	3419.3	3184.5	2954.9	2786.3	2588.8	2366.4	2121.3
22.5°	3866.1	3721.3	3600.3	3438.9	3235.2	3030.4	2887.7	2712.9	2510.2	2284.7	2044.7
20°	3692.3	3594.1	3455.5	3277.6	3117.3	2989.0	2830.8	2645.6	2436.7	2200.9	1979.6
17.5°	3608.5	3494.8	3340.7	3224.8	3101.8	2961.1	2784.2	2587.7	2365.4	2162.6	1986.8
15°	3565.1	3445.1	3343.8	3230.0	3091.4	2943.5	2747.0	2543.3	2365.4	2178.2	1992.0
12.5°	3574.4	3471.0	3360.3	3236.2	3087.3	2929.0	2751.1	2561.9	2377.8	2189.5	1993.0
10°	3603.4	3494.8	3376.9	3239.3	3089.3	2933.2	2762.5	2573.2	2384.0	2194.7	1991.0
7.5°	3613.7	3495.8	3369.6	3231.0	3084.2	2931.1	2764.6	2576.4	2385.0	2193.7	1984.8
5°	3581.7	3475.1	3353.1	3213.5	3069.7	2920.8	2756.3	2572.2	2376.7	2183.3	1969.2
2.5°	3538.2	3452.4	3335.5	3201.0	3055.2	2906.3	2742.9	2553.6	2358.1	2164.7	1949.6
0°	3531.0	3424.4	3306.5	3186.6	3031.4	2874.2	2711.8	2518.4	2324.0	2129.5	1915.5
-2.5°	3483.4	3370.7	3252.8	3122.4	2985.9	2827.7	2657.0	2467.8	2275.4	2084.0	1878.2
-5°	3447.2	3322.1	3196.9	3056.2	2918.7	2760.4	2583.6	2399.5	2211.3	2025.1	1826.5
-7.5°	3398.6	3270.3	3139.0	2992.1	2843.2	2681.8	2507.1	2323.0	2137.8	1952.7	1762.4
-10°	3300.3	3187.6	3064.5	2912.5	2755.3	2593.9	2420.2	2239.2	2054.0	1866.8	1675.5
-12.5°	3181.4	3062.5	2928.0	2788.4	2647.7	2497.7	2324.0	2146.1	1959.9	1771.7	1581.4
-15°	3027.3	2910.4	2772.9	2636.3	2500.8	2357.1	2204.0	2043.7	1854.4	1669.3	1479.0
-17.5°	2834.9	2725.3	2602.2	2471.9	2337.4	2192.6	2043.7	1908.2	1731.4	1557.6	1369.4
-20°	2628.1	2525.7	2415.0	2291.9	2157.5	2015.8	1875.1	1733.4	1580.4	1427.3	1252.5



REPORT NUMBER: P721989

CATALOG NUMBER: IFLD-S-SA2B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2412.9	2309.5	2197.8	2083.0	1958.9	1827.5	1697.2	1561.7	1427.3	1288.7	1140.8
-25°	2164.7	2073.7	1971.3	1859.6	1748.9	1634.1	1510.0	1386.9	1272.1	1152.2	1031.2
-27.5°	1905.1	1821.3	1728.3	1631.0	1535.9	1439.7	1332.1	1218.4	1123.2	1023.9	923.6
-30°	1632.1	1564.8	1489.3	1404.5	1331.1	1253.5	1163.5	1069.4	982.6	907.0	826.4
-32.5°	1373.5	1316.6	1262.8	1207.0	1134.6	1074.6	1012.5	943.2	866.7	795.3	737.4
-35°	1151.1	1090.1	1067.4	1026.0	974.3	921.5	876.0	826.4	768.5	705.4	657.8
-37.5°	963.9	927.7	895.7	872.9	838.8	796.4	760.2	724.0	679.5	631.9	584.4
-40°	818.1	793.3	758.1	746.7	725.0	696.1	658.8	630.9	600.9	564.7	524.4
-42.5°	701.2	682.6	659.9	640.2	630.9	610.2	581.3	554.4	530.6	505.8	474.7
-45°	605.0	592.6	578.2	560.6	553.3	536.8	516.1	486.1	472.7	452.0	429.2
-47.5°	527.5	521.3	510.9	499.5	489.2	476.8	458.2	439.6	420.9	407.5	389.9
-50°	466.5	462.3	456.1	446.8	433.4	425.1	412.7	396.1	378.5	367.2	354.8
-52.5°	417.8	413.7	409.6	402.3	392.0	383.7	373.4	359.9	345.4	334.1	323.7
-55°	380.6	374.4	371.3	365.1	356.8	347.5	338.2	328.9	316.5	306.1	295.8
-57.5°	351.6	343.4	339.2	334.1	325.8	316.5	309.2	299.9	291.7	280.3	271.0
-60°	328.9	319.6	311.3	306.1	298.9	289.6	282.4	275.1	266.8	257.5	246.2
-62.5°	310.3	298.9	287.5	281.3	274.1	265.8	258.6	251.3	243.1	233.7	223.4
-65°	292.7	279.3	264.8	258.6	251.3	243.1	233.7	228.6	221.3	213.1	202.7
-67.5°	271.0	256.5	244.1	236.8	229.6	222.4	214.1	208.9	201.7	191.3	181.0
-70°	238.9	229.6	221.3	215.1	208.9	202.7	194.4	186.2	177.9	168.6	159.3
-72.5°	198.6	195.5	194.4	191.3	184.1	176.9	168.6	160.3	153.1	145.8	138.6
-75°	160.3	162.4	164.4	163.4	156.2	148.9	141.7	134.5	129.3	123.1	116.9
-77.5°	127.2	129.3	131.4	131.4	126.2	122.0	116.9	111.7	107.6	102.4	96.2
-80°	98.3	101.4	104.5	106.5	102.4	99.3	95.2	91.0	86.9	82.7	78.6
-82.5°	74.5	77.6	80.7	82.7	79.6	77.6	74.5	71.4	68.3	64.1	61.0
-85°	53.8	55.9	57.9	59.0	56.9	54.8	52.7	50.7	48.6	45.5	43.4
-87.5°	31.0	32.1	33.1	34.1	32.1	30.0	29.0	26.9	25.9	23.8	22.8
-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: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-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°	25.9	23.8	21.7	20.7	18.6	15.5	13.4	11.4	9.3	7.2	6.2
85°	54.8	49.6	43.4	40.3	36.2	32.1	27.9	23.8	19.7	15.5	11.4
82.5°	94.1	87.9	81.7	74.5	65.2	53.8	42.4	35.2	29.0	22.8	17.6
80°	141.7	130.3	120.0	110.7	100.3	85.8	70.3	55.9	39.3	30.0	22.8
77.5°	196.5	183.1	168.6	153.1	136.5	116.9	99.3	80.7	61.0	41.4	29.0
75°	258.6	241.0	221.3	199.6	177.9	152.0	127.2	105.5	82.7	57.9	35.2
72.5°	327.9	306.1	282.4	253.4	219.3	189.3	159.3	130.3	103.4	73.4	47.6
70°	416.8	382.7	347.5	316.5	273.0	225.5	190.3	157.2	123.1	90.0	60.0
67.5°	512.0	470.6	428.2	382.7	327.9	272.0	221.3	184.1	143.8	105.5	71.4
65°	615.4	563.7	509.9	459.2	383.7	317.5	260.6	210.0	163.4	120.0	82.7
62.5°	721.9	660.9	598.8	532.6	445.8	364.1	297.9	238.9	182.0	133.4	93.1
60°	835.7	764.3	688.8	606.1	504.7	414.7	333.0	268.9	201.7	146.9	104.5
57.5°	955.7	878.1	789.1	677.4	565.7	463.4	373.4	295.8	219.3	159.3	112.7
55°	1086.0	997.0	899.8	751.9	625.7	512.0	413.7	322.7	237.9	169.6	121.0
52.5°	1226.6	1123.2	1000.1	830.5	688.8	561.6	450.9	346.5	255.5	181.0	128.2
50°	1383.8	1253.5	1088.0	902.9	743.6	608.1	488.2	372.3	269.9	193.4	134.5
47.5°	1547.3	1406.6	1166.6	970.1	799.5	653.7	526.4	395.1	284.4	203.7	140.7
45°	1717.9	1513.1	1248.4	1030.1	848.1	695.0	555.4	415.8	302.0	213.1	145.8
42.5°	1886.5	1593.8	1319.7	1090.1	893.6	732.3	579.2	435.4	316.5	222.4	151.0
40°	1966.1	1654.8	1376.6	1131.5	931.9	765.4	599.9	453.0	328.9	228.6	156.2
37.5°	1999.2	1692.1	1413.8	1170.8	961.9	782.9	617.5	468.5	339.2	234.8	160.3
35°	2006.5	1705.5	1432.5	1197.7	986.7	799.5	630.9	479.9	347.5	241.0	164.4
32.5°	1993.0	1701.4	1437.6	1207.0	1002.2	811.9	640.2	488.2	353.7	247.2	168.6
30°	1963.0	1679.6	1419.0	1206.0	1013.6	819.1	646.4	494.4	359.9	251.3	170.7
27.5°	1914.4	1641.4	1395.2	1207.0	1019.8	822.2	649.5	497.5	364.1	254.4	174.8
25°	1854.4	1589.7	1396.3	1204.9	1020.8	823.3	649.5	497.5	365.1	255.5	177.9
22.5°	1785.1	1589.7	1396.3	1201.8	1014.6	821.2	646.4	495.4	365.1	257.5	181.0
20°	1789.3	1590.7	1393.2	1195.6	1005.3	815.0	639.2	490.2	362.0	260.6	183.1
17.5°	1792.4	1588.6	1386.9	1187.3	992.9	804.7	629.9	483.0	362.0	263.7	184.1
15°	1792.4	1582.4	1377.6	1174.9	977.4	790.2	616.4	476.8	363.0	264.8	186.2
12.5°	1789.3	1571.0	1363.2	1158.4	958.8	772.6	608.1	474.7	363.0	265.8	186.2
10°	1783.1	1555.5	1344.5	1137.7	941.2	766.4	604.0	470.6	361.0	265.8	186.2
7.5°	1771.7	1536.9	1329.0	1125.3	930.8	759.1	597.8	464.4	357.9	263.7	188.2
5°	1754.1	1526.6	1316.6	1110.8	916.4	754.0	593.7	459.2	355.8	263.7	186.2
2.5°	1731.4	1514.2	1302.1	1092.2	899.8	736.4	580.2	447.8	348.5	259.6	184.1
0°	1694.1	1489.3	1277.3	1066.3	877.1	718.8	566.8	436.5	341.3	255.5	182.0
-2.5°	1660.0	1456.2	1245.3	1039.4	855.3	703.3	556.4	430.3	338.2	254.4	181.0
-5°	1612.4	1410.7	1202.8	1004.3	826.4	687.8	546.1	423.0	335.1	252.4	181.0
-7.5°	1559.7	1363.2	1158.4	968.1	797.4	660.9	526.4	411.6	327.9	248.2	180.0
-10°	1478.0	1291.8	1102.5	926.7	766.4	637.1	509.9	401.3	321.7	244.1	175.8
-12.5°	1391.1	1213.2	1038.4	876.0	731.2	612.3	491.3	389.9	314.4	239.9	173.8
-15°	1299.0	1132.5	971.2	823.3	693.0	582.3	471.6	377.5	307.2	234.8	170.7
-17.5°	1202.8	1047.7	901.9	769.5	654.7	551.3	450.9	366.1	298.9	229.6	167.6
-20°	1101.5	960.8	831.5	714.7	614.4	520.2	429.2	352.7	289.6	223.4	163.4



REPORT NUMBER: P721989

CATALOG NUMBER: IFLD-S-SA2B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1001.2	875.0	759.1	660.9	573.0	488.2	407.5	339.2	279.3	216.2	160.3
-25°	912.2	794.3	695.0	609.2	532.6	457.1	384.7	325.8	267.9	208.9	156.2
-27.5°	825.3	725.0	631.9	560.6	493.3	427.2	363.0	311.3	256.5	200.6	152.0
-30°	744.7	658.8	582.3	513.0	456.1	400.3	344.4	296.8	244.1	192.4	146.9
-32.5°	671.2	601.9	537.8	471.6	420.9	373.4	326.8	282.4	231.7	184.1	141.7
-35°	603.0	549.2	493.3	437.5	385.8	348.5	308.2	266.8	220.3	174.8	136.5
-37.5°	542.0	498.5	454.0	406.5	362.0	324.8	290.6	251.3	208.9	166.5	131.4
-40°	489.2	454.0	414.7	376.5	339.2	304.1	273.0	235.8	197.5	160.3	126.2
-42.5°	440.6	413.7	381.6	349.6	316.5	285.5	255.5	219.3	186.2	153.1	121.0
-45°	403.4	376.5	350.6	321.7	293.7	266.8	236.8	204.8	175.8	144.8	115.8
-47.5°	368.2	344.4	320.6	296.8	274.1	249.3	219.3	192.4	164.4	137.6	111.7
-50°	337.2	314.4	293.7	273.0	253.4	229.6	201.7	180.0	155.1	130.3	106.5
-52.5°	308.2	288.6	267.9	251.3	234.8	211.0	188.2	167.6	145.8	122.0	101.4
-55°	282.4	263.7	245.1	229.6	214.1	193.4	174.8	157.2	136.5	115.8	96.2
-57.5°	257.5	242.0	224.4	210.0	194.4	177.9	162.4	145.8	127.2	109.6	91.0
-60°	234.8	220.3	204.8	190.3	176.9	163.4	148.9	135.5	118.9	102.4	85.8
-62.5°	212.0	199.6	186.2	171.7	161.3	148.9	137.6	124.1	110.7	96.2	76.5
-65°	191.3	180.0	167.6	155.1	145.8	136.5	126.2	113.8	102.4	88.9	68.3
-67.5°	170.7	160.3	150.0	139.6	131.4	124.1	113.8	104.5	95.2	80.7	60.0
-70°	151.0	142.7	133.4	125.1	118.9	110.7	103.4	95.2	86.9	70.3	50.7
-72.5°	132.4	124.1	116.9	110.7	105.5	98.3	92.0	85.8	74.5	59.0	42.4
-75°	110.7	105.5	101.4	96.2	91.0	85.8	80.7	73.4	62.1	47.6	33.1
-77.5°	91.0	87.9	84.8	80.7	76.5	72.4	66.2	59.0	49.6	37.2	26.9
-80°	74.5	71.4	69.3	65.2	62.1	57.9	51.7	45.5	36.2	29.0	21.7
-82.5°	56.9	54.8	52.7	50.7	47.6	43.4	37.2	32.1	26.9	21.7	16.5
-85°	40.3	39.3	37.2	35.2	32.1	29.0	24.8	21.7	18.6	14.5	11.4
-87.5°	20.7	19.7	18.6	17.6	16.5	14.5	12.4	10.3	9.3	7.2	5.2
-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: P721989  
 CATALOG NUMBER: IFLD-S-SA2B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.1	3.1	1.0	0.0
85°	8.3	5.2	2.1	0.0
82.5°	12.4	8.3	3.1	0.0
80°	16.5	10.3	5.2	0.0
77.5°	20.7	12.4	6.2	0.0
75°	24.8	15.5	7.2	0.0
72.5°	27.9	17.6	8.3	0.0
70°	33.1	20.7	9.3	0.0
67.5°	41.4	22.8	10.3	0.0
65°	48.6	24.8	11.4	0.0
62.5°	56.9	26.9	12.4	0.0
60°	64.1	29.0	13.4	0.0
57.5°	71.4	34.1	14.5	0.0
55°	77.6	38.3	15.5	0.0
52.5°	84.8	42.4	16.5	0.0
50°	91.0	46.5	17.6	0.0
47.5°	96.2	50.7	17.6	0.0
45°	100.3	53.8	18.6	0.0
42.5°	103.4	56.9	19.7	0.0
40°	106.5	60.0	20.7	0.0
37.5°	109.6	63.1	20.7	0.0
35°	112.7	66.2	21.7	0.0
32.5°	115.8	69.3	21.7	0.0
30°	117.9	71.4	22.8	0.0
27.5°	121.0	73.4	22.8	0.0
25°	122.0	75.5	23.8	0.0
22.5°	124.1	76.5	23.8	0.0
20°	126.2	78.6	23.8	0.0
17.5°	127.2	79.6	24.8	0.0
15°	127.2	80.7	25.9	0.0
12.5°	128.2	81.7	25.9	0.0
10°	128.2	83.8	24.8	0.0
7.5°	130.3	82.7	24.8	0.0
5°	129.3	82.7	24.8	0.0
2.5°	128.2	81.7	24.8	0.0
0°	127.2	81.7	24.8	0.0
-2.5°	127.2	81.7	24.8	0.0
-5°	127.2	81.7	24.8	0.0
-7.5°	126.2	82.7	24.8	0.0
-10°	124.1	82.7	24.8	0.0
-12.5°	123.1	79.6	24.8	0.0
-15°	122.0	78.6	24.8	0.0
-17.5°	120.0	77.6	23.8	0.0
-20°	117.9	76.5	23.8	0.0



REPORT NUMBER: P721989

CATALOG NUMBER: IFLD-S-SA2B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	115.8	74.5	23.8	0.0
-25°	113.8	72.4	22.8	0.0
-27.5°	111.7	70.3	22.8	0.0
-30°	108.6	68.3	21.7	0.0
-32.5°	105.5	66.2	21.7	0.0
-35°	103.4	63.1	20.7	0.0
-37.5°	100.3	60.0	20.7	0.0
-40°	97.2	56.9	19.7	0.0
-42.5°	94.1	53.8	18.6	0.0
-45°	90.0	50.7	18.6	0.0
-47.5°	86.9	47.6	17.6	0.0
-50°	81.7	43.4	16.5	0.0
-52.5°	75.5	39.3	15.5	0.0
-55°	69.3	36.2	14.5	0.0
-57.5°	63.1	32.1	14.5	0.0
-60°	56.9	27.9	13.4	0.0
-62.5°	50.7	25.9	12.4	0.0
-65°	44.5	23.8	11.4	0.0
-67.5°	37.2	20.7	10.3	0.0
-70°	31.0	18.6	9.3	0.0
-72.5°	26.9	16.5	8.3	0.0
-75°	22.8	14.5	7.2	0.0
-77.5°	19.7	12.4	6.2	0.0
-80°	15.5	9.3	4.1	0.0
-82.5°	11.4	7.2	3.1	0.0
-85°	7.2	5.2	2.1	0.0
-87.5°	4.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)