

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: P722252

Luminaire Tested: **IFLD-S-SA2D-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722252  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2D-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

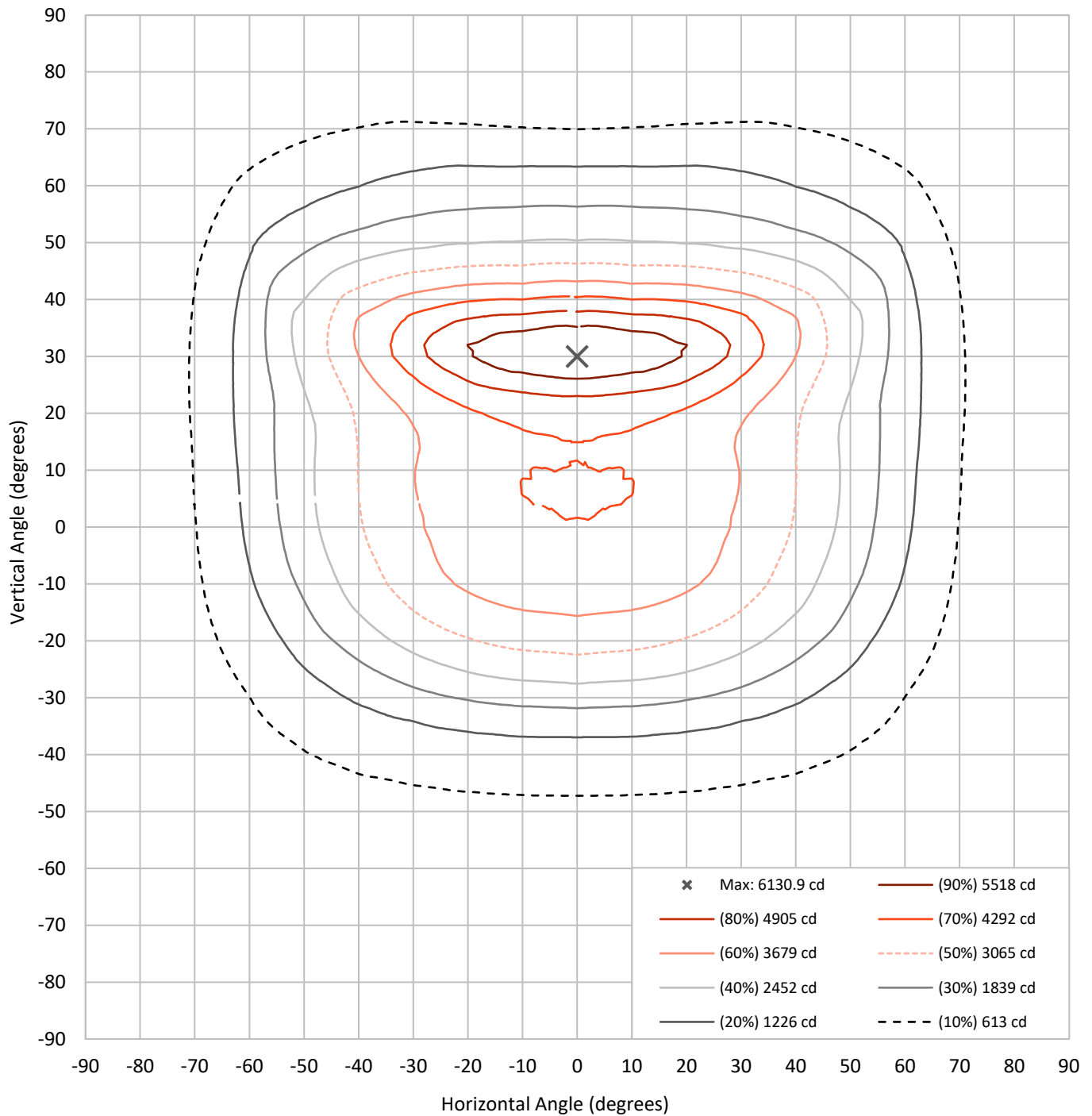
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10234 lumens	Max Intensity:	6130.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5951.2 lumens	Field Lumens:	9590.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9  
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



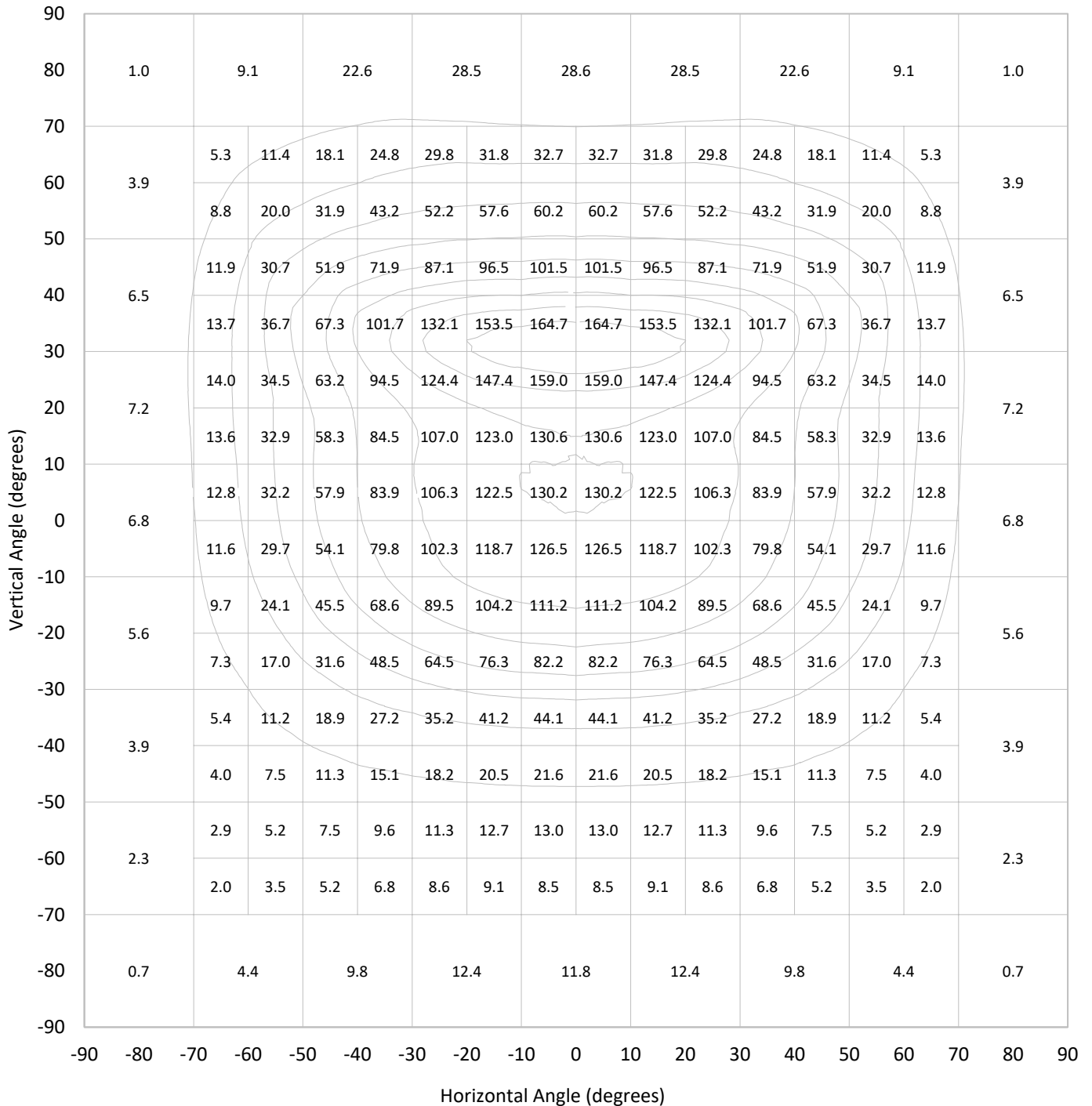
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### Iso-Candela Plot



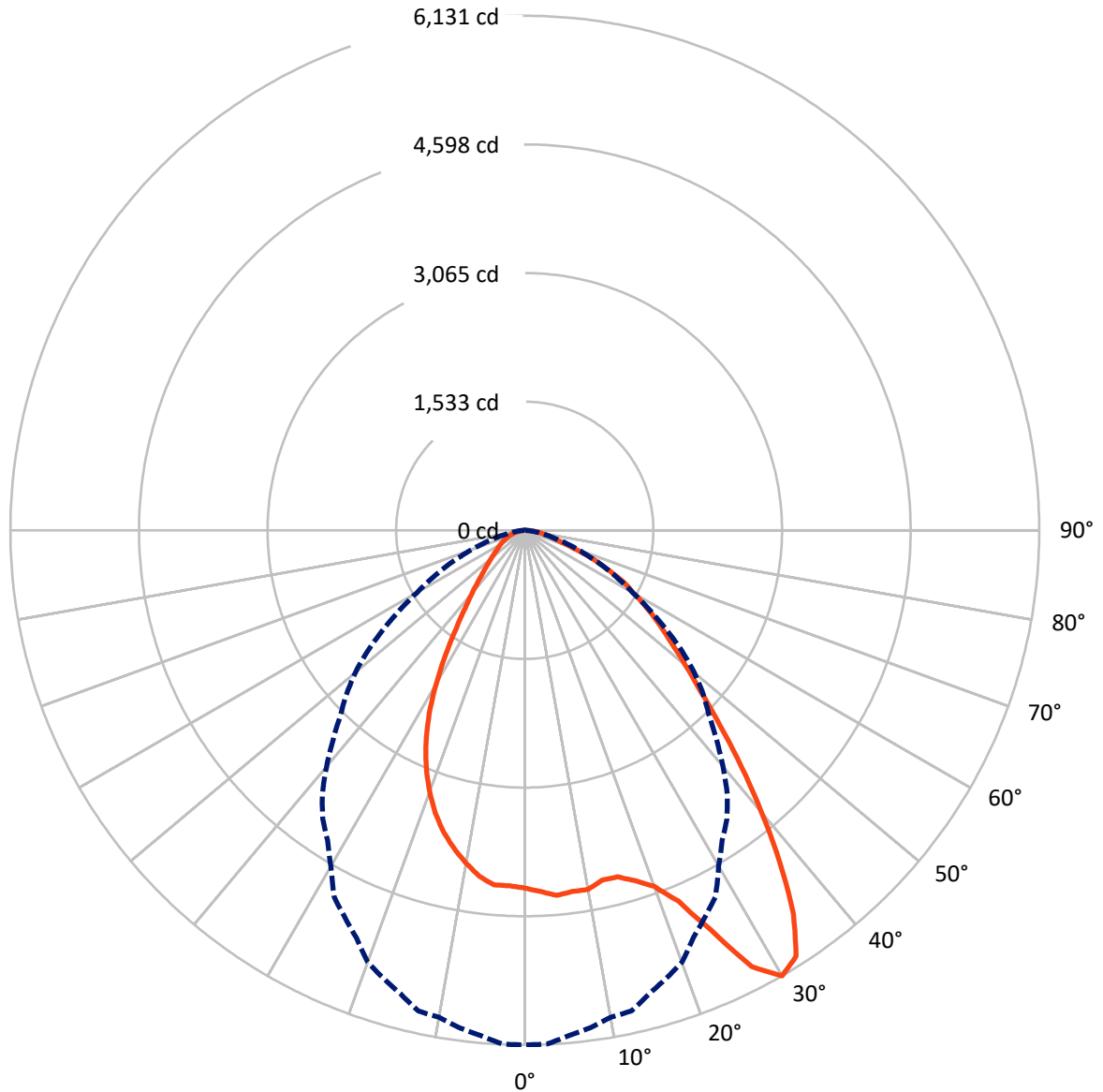
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### Lumen Table



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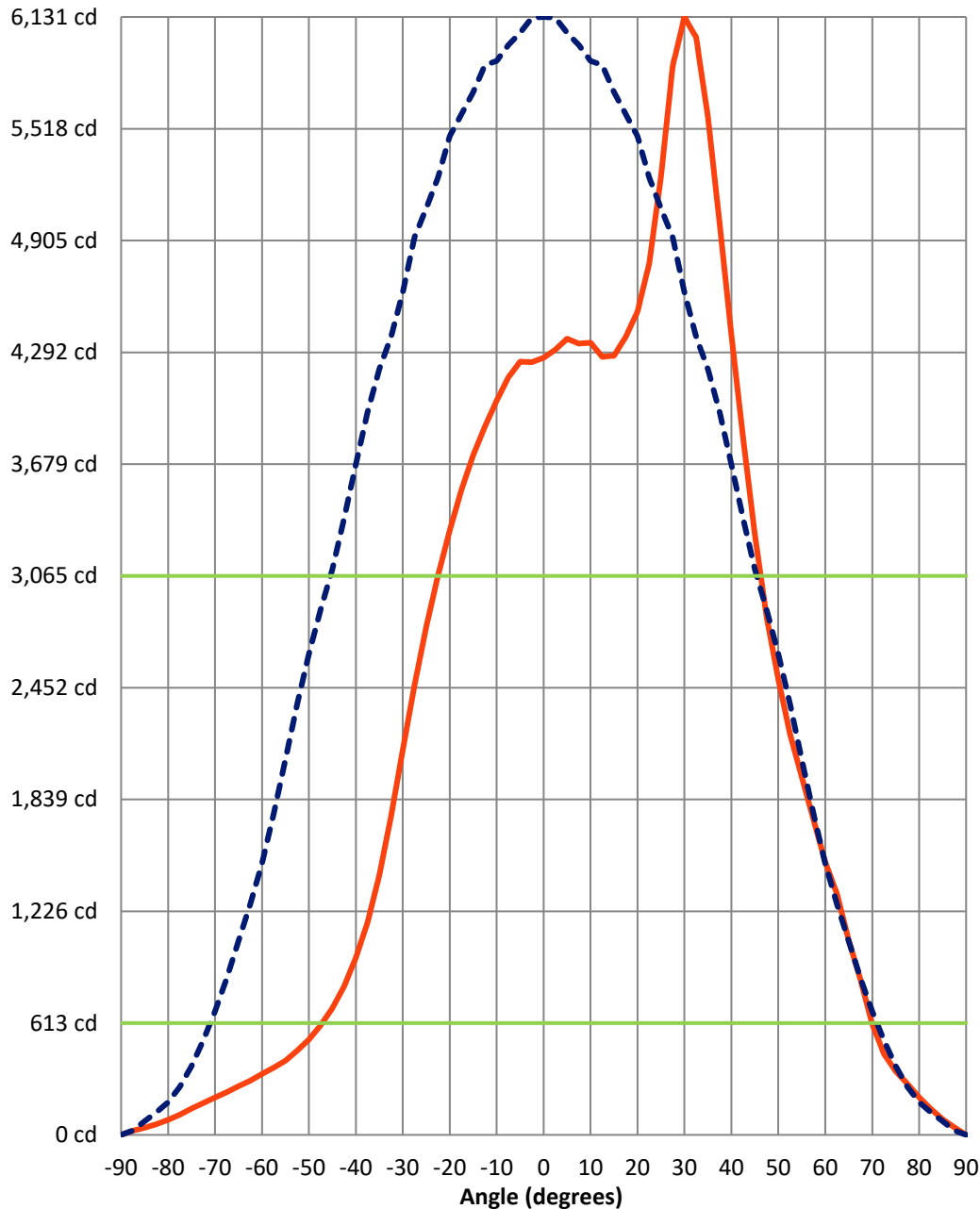
### Luminous Intensity Polar Plot



— 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: 5951.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 9590.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 643.4  
 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°	41.2	42.3	43.4	43.4	42.3	42.3	42.3	41.2	42.3	42.3	42.3
85°	85.6	87.8	90.0	88.9	87.8	85.6	83.5	84.6	85.6	86.7	86.7
82.5°	142.0	145.3	147.4	146.4	144.2	142.0	139.9	140.9	143.1	144.2	144.2
80°	206.0	207.1	208.2	210.3	207.1	207.1	206.0	210.3	212.5	214.7	216.8
77.5°	279.7	280.8	280.8	281.9	283.0	284.0	284.0	291.6	297.1	300.3	303.6
75°	349.1	352.4	355.6	358.9	363.2	365.4	368.6	379.5	388.1	394.6	401.1
72.5°	444.5	448.8	454.3	461.8	469.4	474.9	482.4	495.5	505.2	511.7	519.3
70°	608.2	612.5	618.0	623.4	631.0	636.4	644.0	660.3	670.0	674.3	678.7
67.5°	851.1	861.9	871.7	860.8	855.4	847.8	850.0	865.2	874.9	881.4	880.3
65°	1066.8	1074.4	1074.4	1073.3	1069.0	1059.2	1064.6	1083.1	1093.9	1099.3	1083.1
62.5°	1320.5	1320.5	1315.1	1323.8	1324.8	1318.3	1315.1	1316.2	1317.2	1320.5	1293.4
60°	1496.1	1507.0	1510.2	1517.8	1520.0	1520.0	1525.4	1529.7	1529.7	1523.2	1491.8
57.5°	1728.1	1748.7	1753.1	1747.7	1736.8	1722.7	1720.6	1714.0	1701.0	1688.0	1672.9
55°	1962.3	1973.2	1972.1	1968.8	1958.0	1941.7	1943.9	1935.2	1914.6	1898.4	1877.8
52.5°	2197.6	2223.6	2227.9	2221.4	2206.3	2188.9	2190.0	2180.2	2159.6	2142.3	2114.1
50°	2497.9	2519.6	2517.4	2506.6	2484.9	2471.9	2473.0	2454.5	2430.7	2425.3	2388.4
47.5°	2841.6	2866.5	2862.2	2847.0	2817.7	2812.3	2817.7	2793.9	2779.8	2767.8	2724.5
45°	3292.6	3321.9	3305.6	3276.3	3229.7	3235.1	3242.7	3238.4	3208.0	3176.6	3121.3
42.5°	3821.6	3840.1	3820.6	3791.3	3732.7	3743.6	3739.2	3713.2	3694.8	3642.8	3572.3
40°	4387.6	4427.7	4397.3	4351.8	4291.1	4307.3	4295.4	4261.8	4218.4	4153.4	4064.5
37.5°	4998.0	5029.4	4994.7	4941.6	4887.4	4881.9	4858.1	4806.1	4744.3	4672.7	4530.7
35°	5582.3	5663.6	5599.7	5515.1	5449.0	5424.0	5401.3	5280.9	5210.4	5094.4	4900.4
32.5°	6017.1	6076.7	5997.5	5909.7	5829.5	5794.8	5714.6	5571.5	5533.5	5289.6	5111.8
30°	6130.9	6126.6	6044.2	5976.9	5890.2	5866.4	5718.9	5597.5	5476.1	5250.6	5081.4
27.5°	5859.9	5832.8	5753.6	5695.1	5609.4	5581.2	5436.0	5370.9	5183.3	4992.5	4849.4
25°	5256.0	5270.1	5210.4	5181.2	5124.8	5064.1	5006.6	4918.8	4801.7	4634.8	4503.6
22.5°	4780.0	4798.5	4773.5	4738.8	4695.5	4661.9	4618.5	4550.2	4437.4	4334.5	4210.9
20°	4515.5	4510.1	4488.4	4462.4	4421.2	4397.3	4349.6	4292.2	4205.4	4116.5	3983.2
17.5°	4376.7	4343.1	4322.5	4312.8	4291.1	4260.7	4204.4	4145.8	4078.6	3977.8	3880.2
15°	4273.7	4279.2	4262.9	4255.3	4238.0	4195.7	4138.2	4090.5	3999.4	3948.5	3859.6
12.5°	4267.2	4261.8	4262.9	4259.6	4238.0	4183.8	4154.5	4093.8	4035.2	3968.0	3866.1
10°	4344.2	4286.7	4291.1	4306.3	4271.6	4228.2	4196.8	4130.6	4075.3	3989.7	3888.9
7.5°	4339.9	4310.6	4319.3	4294.3	4305.2	4252.1	4208.7	4142.6	4073.2	3982.1	3891.0
5°	4365.9	4321.4	4313.9	4316.0	4288.9	4248.8	4190.3	4127.4	4062.3	3960.4	3867.2
2.5°	4306.3	4312.8	4278.1	4265.1	4261.8	4194.6	4140.4	4079.7	4012.5	3922.5	3839.0
0°	4261.8	4273.7	4238.0	4219.5	4218.4	4161.0	4126.3	4056.9	4009.2	3934.4	3833.6
-2.5°	4238.0	4252.1	4256.4	4222.8	4190.3	4145.8	4087.3	4012.5	3934.4	3847.7	3760.9
-5°	4240.1	4211.9	4200.0	4210.9	4182.7	4138.2	4073.2	4007.0	3930.1	3836.8	3728.4
-7.5°	4154.5	4126.3	4124.1	4118.7	4112.2	4069.9	4015.7	3944.2	3866.1	3779.4	3678.5
-10°	4026.6	4006.0	4000.5	3995.1	3977.8	3952.8	3901.9	3836.8	3766.4	3679.6	3572.3
-12.5°	3884.5	3874.8	3854.2	3840.1	3822.7	3793.5	3744.7	3685.0	3614.6	3537.6	3445.4
-15°	3727.3	3708.9	3688.3	3676.4	3651.4	3616.7	3568.0	3512.7	3435.7	3359.8	3273.1
-17.5°	3537.6	3514.8	3492.1	3488.8	3471.5	3418.3	3372.8	3305.6	3238.4	3165.7	3081.2
-20°	3314.3	3282.8	3267.6	3259.0	3235.1	3196.1	3147.3	3085.5	3020.5	2951.1	2853.5



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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°	3067.1	3040.0	3014.0	2997.7	2977.1	2946.7	2900.1	2845.9	2781.9	2703.9	2613.9
-25°	2786.3	2748.3	2732.1	2713.6	2702.8	2674.6	2629.1	2579.2	2513.1	2437.2	2351.5
-27.5°	2465.4	2435.0	2426.3	2400.3	2387.3	2358.0	2320.1	2273.5	2212.8	2141.2	2070.7
-30°	2110.8	2092.4	2078.3	2052.3	2042.5	2011.1	1986.2	1947.1	1891.9	1840.9	1784.5
-32.5°	1746.6	1728.1	1723.8	1711.9	1705.4	1684.8	1656.6	1628.4	1584.0	1546.0	1500.5
-35°	1423.5	1410.5	1411.6	1410.5	1404.0	1388.8	1354.1	1346.5	1314.0	1279.3	1250.0
-37.5°	1165.5	1166.6	1165.5	1164.4	1155.7	1149.2	1124.3	1114.5	1095.0	1061.4	1044.0
-40°	971.4	973.6	972.5	970.3	960.6	957.3	941.0	928.0	920.4	896.6	878.2
-42.5°	814.2	817.5	816.4	815.3	808.8	807.7	799.0	783.8	779.5	765.4	745.9
-45°	694.9	693.9	691.7	693.9	690.6	687.4	681.9	672.2	666.8	660.3	644.0
-47.5°	600.6	601.7	599.5	599.5	595.2	591.9	589.8	583.3	578.9	573.5	563.8
-50°	522.6	526.9	525.8	524.7	521.5	519.3	519.3	512.8	506.3	504.1	497.6
-52.5°	461.8	465.1	466.2	468.4	469.4	470.5	467.3	460.8	449.9	448.8	445.6
-55°	406.6	416.3	422.8	427.2	431.5	434.7	428.2	419.6	408.7	404.4	403.3
-57.5°	368.6	378.4	386.0	392.5	397.9	403.3	396.8	388.1	378.4	372.9	371.9
-60°	333.9	342.6	350.2	358.9	366.4	375.1	371.9	365.4	359.9	355.6	351.3
-62.5°	297.1	305.7	314.4	325.2	335.0	343.7	344.8	343.7	342.6	343.7	336.1
-65°	266.7	271.0	276.5	288.4	299.2	309.0	314.4	317.7	323.1	328.5	320.9
-67.5°	234.2	239.6	246.1	254.8	263.4	270.0	277.5	286.2	294.9	303.6	298.1
-70°	204.9	209.2	214.7	219.0	224.4	228.8	235.3	245.0	254.8	263.4	261.3
-72.5°	174.5	178.9	182.1	184.3	187.6	189.7	193.0	201.7	208.2	212.5	212.5
-75°	144.2	148.5	151.8	152.9	155.0	156.1	158.3	161.5	164.8	165.9	167.0
-77.5°	110.6	114.9	118.2	120.3	122.5	124.7	125.8	127.9	129.0	129.0	130.1
-80°	82.4	85.6	87.8	91.1	92.2	94.3	96.5	97.6	98.7	98.7	99.7
-82.5°	58.5	60.7	62.9	65.0	67.2	68.3	70.5	71.6	72.6	73.7	74.8
-85°	39.0	41.2	43.4	45.5	46.6	47.7	48.8	49.9	51.0	52.0	53.1
-87.5°	22.8	23.9	24.9	27.1	28.2	30.4	31.4	30.4	31.4	31.4	31.4
-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°	42.3	42.3	42.3	42.3	41.2	39.0	37.9	35.8	33.6	31.4	29.3
85°	87.8	88.9	88.9	88.9	86.7	85.6	82.4	79.1	74.8	68.3	62.9
82.5°	146.4	147.4	147.4	146.4	144.2	140.9	136.6	131.2	122.5	113.8	106.2
80°	220.1	221.2	221.2	220.1	214.7	209.2	203.8	197.3	186.5	174.5	161.5
77.5°	307.9	310.1	310.1	306.8	299.2	292.7	284.0	273.2	256.9	239.6	222.3
75°	409.8	415.2	416.3	413.1	403.3	391.4	377.3	358.9	333.9	312.2	291.6
72.5°	528.0	533.4	537.7	533.4	519.3	503.0	482.4	460.8	435.8	406.6	371.9
70°	683.0	688.4	691.7	677.6	652.7	625.6	600.6	575.7	546.4	510.6	472.7
67.5°	878.2	872.7	866.2	838.1	806.6	774.1	739.4	702.5	664.6	626.6	582.2
65°	1065.7	1050.5	1036.5	1002.8	962.7	920.4	880.3	839.1	793.6	745.9	703.6
62.5°	1263.0	1230.5	1195.8	1154.6	1113.4	1066.8	1026.7	977.9	927.0	868.4	814.2
60°	1457.1	1418.1	1383.4	1332.4	1278.2	1215.3	1172.0	1124.3	1064.6	1001.8	937.8
57.5°	1644.7	1602.4	1564.4	1520.0	1461.4	1393.1	1345.4	1283.6	1220.8	1141.6	1076.6
55°	1844.1	1801.9	1771.5	1721.6	1657.7	1594.8	1542.8	1477.7	1389.9	1305.3	1225.1
52.5°	2072.9	2039.3	2006.8	1955.8	1878.8	1814.9	1757.4	1684.8	1592.6	1488.5	1392.1
50°	2328.8	2311.4	2276.7	2217.1	2129.3	2072.9	1997.0	1900.5	1801.9	1692.4	1572.0
47.5°	2668.1	2639.9	2591.1	2526.1	2452.4	2367.8	2265.9	2153.1	2013.3	1891.9	1763.9
45°	3073.6	3021.5	2958.7	2870.8	2779.8	2684.4	2572.7	2429.6	2242.0	2083.7	1949.3
42.5°	3512.7	3442.2	3356.5	3241.6	3123.4	3006.4	2886.0	2690.9	2456.7	2274.6	2122.8
40°	3971.3	3881.3	3773.9	3607.0	3475.8	3325.1	3187.4	2895.8	2646.4	2449.1	2287.6
37.5°	4420.1	4306.3	4126.3	3923.6	3770.7	3647.1	3344.6	3032.4	2809.0	2592.2	2428.5
35°	4763.8	4667.3	4349.6	4139.3	4008.1	3813.0	3434.6	3114.8	2878.4	2698.5	2443.7
32.5°	4967.6	4718.2	4439.6	4227.1	4118.7	3798.9	3441.1	3138.6	2911.0	2709.3	2404.7
30°	4922.1	4620.7	4376.7	4198.9	3963.7	3676.4	3380.4	3101.8	2880.6	2636.7	2361.3
27.5°	4647.8	4414.7	4196.8	4011.4	3780.4	3522.4	3249.2	3004.2	2798.2	2561.9	2301.7
25°	4337.7	4126.3	3964.8	3803.2	3584.2	3338.1	3097.4	2920.7	2713.6	2480.5	2223.6
22.5°	4052.6	3900.8	3773.9	3604.8	3391.2	3176.6	3027.0	2843.7	2631.2	2394.9	2143.4
20°	3870.4	3767.4	3622.2	3435.7	3267.6	3133.2	2967.3	2773.3	2554.3	2307.1	2075.1
17.5°	3782.6	3663.4	3501.8	3380.4	3251.4	3103.9	2918.5	2712.6	2479.5	2267.0	2082.7
15°	3737.1	3611.3	3505.1	3385.8	3240.5	3085.5	2879.5	2665.9	2479.5	2283.2	2088.1
12.5°	3746.8	3638.4	3522.4	3392.3	3236.2	3070.3	2883.9	2685.5	2492.5	2295.2	2089.2
10°	3777.2	3663.4	3539.8	3395.6	3238.4	3074.7	2895.8	2697.4	2499.0	2300.6	2087.0
7.5°	3788.0	3664.4	3532.2	3386.9	3232.9	3072.5	2897.9	2700.6	2500.1	2299.5	2080.5
5°	3754.4	3642.8	3514.8	3368.5	3217.8	3061.7	2889.3	2696.3	2491.4	2288.7	2064.2
2.5°	3708.9	3618.9	3496.4	3355.5	3202.6	3046.5	2875.2	2676.8	2471.9	2269.1	2043.6
0°	3701.3	3589.6	3466.0	3340.3	3177.7	3012.9	2842.7	2639.9	2436.1	2232.3	2007.9
-2.5°	3651.4	3533.3	3409.7	3273.1	3130.0	2964.1	2785.2	2586.8	2385.1	2184.6	1968.8
-5°	3613.5	3482.3	3351.1	3203.7	3059.5	2893.6	2708.2	2515.2	2317.9	2122.8	1914.6
-7.5°	3562.5	3428.1	3290.4	3136.5	2980.3	2811.2	2628.0	2435.0	2240.9	2046.9	1847.4
-10°	3459.5	3341.4	3212.4	3053.0	2888.2	2719.1	2536.9	2347.2	2153.1	1956.9	1756.3
-12.5°	3334.9	3210.2	3069.2	2922.9	2775.4	2618.2	2436.1	2249.6	2054.5	1857.2	1657.7
-15°	3173.3	3050.8	2906.6	2763.5	2621.5	2470.8	2310.3	2142.3	1943.9	1749.8	1550.3
-17.5°	2971.7	2856.7	2727.7	2591.1	2450.2	2298.4	2142.3	2000.3	1814.9	1632.7	1435.4
-20°	2754.8	2647.5	2531.5	2402.5	2261.5	2113.0	1965.6	1817.0	1656.6	1496.1	1312.9



REPORT NUMBER: P722252

CATALOG NUMBER: IFLD-S-SA2D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2529.3	2420.9	2303.8	2183.5	2053.4	1915.7	1779.1	1637.1	1496.1	1350.9	1195.8
-25°	2269.1	2173.7	2066.4	1949.3	1833.3	1713.0	1582.9	1453.9	1333.5	1207.7	1080.9
-27.5°	1997.0	1909.2	1811.6	1709.7	1610.0	1509.1	1396.4	1277.1	1177.4	1073.3	968.2
-30°	1710.8	1640.3	1561.2	1472.3	1395.3	1314.0	1219.7	1121.0	1029.9	950.8	866.2
-32.5°	1439.8	1380.1	1323.8	1265.2	1189.3	1126.4	1061.4	988.7	908.5	833.7	773.0
-35°	1206.7	1142.7	1118.8	1075.5	1021.3	966.0	918.3	866.2	805.5	739.4	689.5
-37.5°	1010.4	972.5	938.9	915.0	879.2	834.8	796.9	758.9	712.3	662.4	612.5
-40°	857.6	831.5	794.7	782.8	760.0	729.6	690.6	661.3	629.9	591.9	549.7
-42.5°	735.1	715.5	691.7	671.1	661.3	639.7	609.3	581.1	556.2	530.2	497.6
-45°	634.2	621.2	606.0	587.6	580.0	562.7	541.0	509.6	495.5	473.8	449.9
-47.5°	552.9	546.4	535.6	523.6	512.8	499.8	480.3	460.8	441.3	427.2	408.7
-50°	489.0	484.6	478.1	468.4	454.3	445.6	432.6	415.2	396.8	384.9	371.9
-52.5°	438.0	433.7	429.3	421.7	410.9	402.2	391.4	377.3	362.1	350.2	339.3
-55°	399.0	392.5	389.2	382.7	374.0	364.3	354.5	344.8	331.8	320.9	310.1
-57.5°	368.6	359.9	355.6	350.2	341.5	331.8	324.2	314.4	305.7	293.8	284.0
-60°	344.8	335.0	326.3	320.9	313.3	303.6	296.0	288.4	279.7	270.0	258.0
-62.5°	325.2	313.3	301.4	294.9	287.3	278.6	271.0	263.4	254.8	245.0	234.2
-65°	306.8	292.7	277.5	271.0	263.4	254.8	245.0	239.6	232.0	223.3	212.5
-67.5°	284.0	268.9	255.9	248.3	240.7	233.1	224.4	219.0	211.4	200.6	189.7
-70°	250.4	240.7	232.0	225.5	219.0	212.5	203.8	195.1	186.5	176.7	167.0
-72.5°	208.2	204.9	203.8	200.6	193.0	185.4	176.7	168.0	160.5	152.9	145.3
-75°	168.0	170.2	172.4	171.3	163.7	156.1	148.5	140.9	135.5	129.0	122.5
-77.5°	133.4	135.5	137.7	137.7	132.3	127.9	122.5	117.1	112.8	107.3	100.8
-80°	103.0	106.2	109.5	111.7	107.3	104.1	99.7	95.4	91.1	86.7	82.4
-82.5°	78.1	81.3	84.6	86.7	83.5	81.3	78.1	74.8	71.6	67.2	64.0
-85°	56.4	58.5	60.7	61.8	59.6	57.5	55.3	53.1	51.0	47.7	45.5
-87.5°	32.5	33.6	34.7	35.8	33.6	31.4	30.4	28.2	27.1	24.9	23.9
-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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 CATALOG NUMBER: IFLD-S-SA2D-930-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°	27.1	24.9	22.8	21.7	19.5	16.3	14.1	11.9	9.8	7.6	6.5
85°	57.5	52.0	45.5	42.3	37.9	33.6	29.3	24.9	20.6	16.3	11.9
82.5°	98.7	92.2	85.6	78.1	68.3	56.4	44.5	36.9	30.4	23.9	18.4
80°	148.5	136.6	125.8	116.0	105.2	90.0	73.7	58.5	41.2	31.4	23.9
77.5°	206.0	191.9	176.7	160.5	143.1	122.5	104.1	84.6	64.0	43.4	30.4
75°	271.0	252.6	232.0	209.2	186.5	159.4	133.4	110.6	86.7	60.7	36.9
72.5°	343.7	320.9	296.0	265.6	229.8	198.4	167.0	136.6	108.4	77.0	49.9
70°	436.9	401.1	364.3	331.8	286.2	236.3	199.5	164.8	129.0	94.3	62.9
67.5°	536.7	493.3	448.8	401.1	343.7	285.1	232.0	193.0	150.7	110.6	74.8
65°	645.1	590.9	534.5	481.4	402.2	332.8	273.2	220.1	171.3	125.8	86.7
62.5°	756.7	692.8	627.7	558.3	467.3	381.6	312.2	250.4	190.8	139.9	97.6
60°	876.0	801.2	722.0	635.3	529.1	434.7	349.1	281.9	211.4	153.9	109.5
57.5°	1001.8	920.4	827.2	710.1	593.0	485.7	391.4	310.1	229.8	167.0	118.2
55°	1138.4	1045.1	943.2	788.2	655.9	536.7	433.7	338.3	249.4	177.8	126.8
52.5°	1285.8	1177.4	1048.4	870.6	722.0	588.7	472.7	363.2	267.8	189.7	134.4
50°	1450.6	1314.0	1140.5	946.5	779.5	637.5	511.7	390.3	283.0	202.7	140.9
47.5°	1621.9	1474.5	1222.9	1016.9	838.1	685.2	551.8	414.1	298.1	213.6	147.4
45°	1800.8	1586.1	1308.6	1079.8	889.0	728.6	582.2	435.8	316.6	223.3	152.9
42.5°	1977.5	1670.7	1383.4	1142.7	936.7	767.6	607.1	456.4	331.8	233.1	158.3
40°	2061.0	1734.6	1443.0	1186.1	976.8	802.3	628.8	474.9	344.8	239.6	163.7
37.5°	2095.7	1773.7	1482.0	1227.3	1008.3	820.7	647.2	491.1	355.6	246.1	168.0
35°	2103.3	1787.8	1501.6	1255.5	1034.3	838.1	661.3	503.0	364.3	252.6	172.4
32.5°	2089.2	1783.4	1507.0	1265.2	1050.5	851.1	671.1	511.7	370.8	259.1	176.7
30°	2057.7	1760.7	1487.5	1264.1	1062.5	858.7	677.6	518.2	377.3	263.4	178.9
27.5°	2006.8	1720.6	1462.5	1265.2	1069.0	861.9	680.8	521.5	381.6	266.7	183.2
25°	1943.9	1666.3	1463.6	1263.0	1070.1	863.0	680.8	521.5	382.7	267.8	186.5
22.5°	1871.3	1666.3	1463.6	1259.8	1063.6	860.8	677.6	519.3	382.7	270.0	189.7
20°	1875.6	1667.4	1460.4	1253.3	1053.8	854.3	670.0	513.9	379.5	273.2	191.9
17.5°	1878.8	1665.3	1453.9	1244.6	1040.8	843.5	660.3	506.3	379.5	276.5	193.0
15°	1878.8	1658.8	1444.1	1231.6	1024.5	828.3	646.2	499.8	380.5	277.5	195.1
12.5°	1875.6	1646.8	1428.9	1214.3	1005.0	809.9	637.5	497.6	380.5	278.6	195.1
10°	1869.1	1630.6	1409.4	1192.6	986.6	803.4	633.1	493.3	378.4	278.6	195.1
7.5°	1857.2	1611.1	1393.1	1179.6	975.7	795.8	626.6	486.8	375.1	276.5	197.3
5°	1838.7	1600.2	1380.1	1164.4	960.6	790.3	622.3	481.4	372.9	276.5	195.1
2.5°	1814.9	1587.2	1365.0	1144.9	943.2	771.9	608.2	469.4	365.4	272.1	193.0
0°	1775.8	1561.2	1338.9	1117.8	919.4	753.5	594.1	457.5	357.8	267.8	190.8
-2.5°	1740.1	1526.5	1305.3	1089.6	896.6	737.2	583.3	451.0	354.5	266.7	189.7
-5°	1690.2	1478.8	1260.9	1052.7	866.2	721.0	572.4	443.4	351.3	264.5	189.7
-7.5°	1634.9	1428.9	1214.3	1014.8	835.9	692.8	551.8	431.5	343.7	260.2	188.6
-10°	1549.3	1354.1	1155.7	971.4	803.4	667.8	534.5	420.7	337.2	255.9	184.3
-12.5°	1458.2	1271.7	1088.5	918.3	766.5	641.8	515.0	408.7	329.6	251.5	182.1
-15°	1361.7	1187.1	1018.0	863.0	726.4	610.4	494.4	395.7	322.0	246.1	178.9
-17.5°	1260.9	1098.2	945.4	806.6	686.3	577.9	472.7	383.8	313.3	240.7	175.6
-20°	1154.6	1007.2	871.7	749.2	644.0	545.3	449.9	369.7	303.6	234.2	171.3



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CATALOG NUMBER: IFLD-S-SA2D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1049.5	917.2	795.8	692.8	600.6	511.7	427.2	355.6	292.7	226.6	168.0
-25°	956.2	832.6	728.6	638.6	558.3	479.2	403.3	341.5	280.8	219.0	163.7
-27.5°	865.2	760.0	662.4	587.6	517.1	447.8	380.5	326.3	268.9	210.3	159.4
-30°	780.6	690.6	610.4	537.7	478.1	419.6	361.0	311.2	255.9	201.7	153.9
-32.5°	703.6	631.0	563.8	494.4	441.3	391.4	342.6	296.0	242.9	193.0	148.5
-35°	632.1	575.7	517.1	458.6	404.4	365.4	323.1	279.7	230.9	183.2	143.1
-37.5°	568.1	522.6	475.9	426.1	379.5	340.4	304.6	263.4	219.0	174.5	137.7
-40°	512.8	475.9	434.7	394.6	355.6	318.7	286.2	247.2	207.1	168.0	132.3
-42.5°	461.8	433.7	400.1	366.4	331.8	299.2	267.8	229.8	195.1	160.5	126.8
-45°	422.8	394.6	367.5	337.2	307.9	279.7	248.3	214.7	184.3	151.8	121.4
-47.5°	386.0	361.0	336.1	311.2	287.3	261.3	229.8	201.7	172.4	144.2	117.1
-50°	353.4	329.6	307.9	286.2	265.6	240.7	211.4	188.6	162.6	136.6	111.7
-52.5°	323.1	302.5	280.8	263.4	246.1	221.2	197.3	175.6	152.9	127.9	106.2
-55°	296.0	276.5	256.9	240.7	224.4	202.7	183.2	164.8	143.1	121.4	100.8
-57.5°	270.0	253.7	235.3	220.1	203.8	186.5	170.2	152.9	133.4	114.9	95.4
-60°	246.1	230.9	214.7	199.5	185.4	171.3	156.1	142.0	124.7	107.3	90.0
-62.5°	222.3	209.2	195.1	180.0	169.1	156.1	144.2	130.1	116.0	100.8	80.2
-65°	200.6	188.6	175.6	162.6	152.9	143.1	132.3	119.3	107.3	93.2	71.6
-67.5°	178.9	168.0	157.2	146.4	137.7	130.1	119.3	109.5	99.7	84.6	62.9
-70°	158.3	149.6	139.9	131.2	124.7	116.0	108.4	99.7	91.1	73.7	53.1
-72.5°	138.8	130.1	122.5	116.0	110.6	103.0	96.5	90.0	78.1	61.8	44.5
-75°	116.0	110.6	106.2	100.8	95.4	90.0	84.6	77.0	65.0	49.9	34.7
-77.5°	95.4	92.2	88.9	84.6	80.2	75.9	69.4	61.8	52.0	39.0	28.2
-80°	78.1	74.8	72.6	68.3	65.0	60.7	54.2	47.7	37.9	30.4	22.8
-82.5°	59.6	57.5	55.3	53.1	49.9	45.5	39.0	33.6	28.2	22.8	17.3
-85°	42.3	41.2	39.0	36.9	33.6	30.4	26.0	22.8	19.5	15.2	11.9
-87.5°	21.7	20.6	19.5	18.4	17.3	15.2	13.0	10.8	9.8	7.6	5.4
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.3	3.3	1.1	0.0
85°	8.7	5.4	2.2	0.0
82.5°	13.0	8.7	3.3	0.0
80°	17.3	10.8	5.4	0.0
77.5°	21.7	13.0	6.5	0.0
75°	26.0	16.3	7.6	0.0
72.5°	29.3	18.4	8.7	0.0
70°	34.7	21.7	9.8	0.0
67.5°	43.4	23.9	10.8	0.0
65°	51.0	26.0	11.9	0.0
62.5°	59.6	28.2	13.0	0.0
60°	67.2	30.4	14.1	0.0
57.5°	74.8	35.8	15.2	0.0
55°	81.3	40.1	16.3	0.0
52.5°	88.9	44.5	17.3	0.0
50°	95.4	48.8	18.4	0.0
47.5°	100.8	53.1	18.4	0.0
45°	105.2	56.4	19.5	0.0
42.5°	108.4	59.6	20.6	0.0
40°	111.7	62.9	21.7	0.0
37.5°	114.9	66.1	21.7	0.0
35°	118.2	69.4	22.8	0.0
32.5°	121.4	72.6	22.8	0.0
30°	123.6	74.8	23.9	0.0
27.5°	126.8	77.0	23.9	0.0
25°	127.9	79.1	24.9	0.0
22.5°	130.1	80.2	24.9	0.0
20°	132.3	82.4	24.9	0.0
17.5°	133.4	83.5	26.0	0.0
15°	133.4	84.6	27.1	0.0
12.5°	134.4	85.6	27.1	0.0
10°	134.4	87.8	26.0	0.0
7.5°	136.6	86.7	26.0	0.0
5°	135.5	86.7	26.0	0.0
2.5°	134.4	85.6	26.0	0.0
0°	133.4	85.6	26.0	0.0
-2.5°	133.4	85.6	26.0	0.0
-5°	133.4	85.6	26.0	0.0
-7.5°	132.3	86.7	26.0	0.0
-10°	130.1	86.7	26.0	0.0
-12.5°	129.0	83.5	26.0	0.0
-15°	127.9	82.4	26.0	0.0
-17.5°	125.8	81.3	24.9	0.0
-20°	123.6	80.2	24.9	0.0



REPORT NUMBER: P722252

CATALOG NUMBER: IFLD-S-SA2D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	121.4	78.1	24.9	0.0
-25°	119.3	75.9	23.9	0.0
-27.5°	117.1	73.7	23.9	0.0
-30°	113.8	71.6	22.8	0.0
-32.5°	110.6	69.4	22.8	0.0
-35°	108.4	66.1	21.7	0.0
-37.5°	105.2	62.9	21.7	0.0
-40°	101.9	59.6	20.6	0.0
-42.5°	98.7	56.4	19.5	0.0
-45°	94.3	53.1	19.5	0.0
-47.5°	91.1	49.9	18.4	0.0
-50°	85.6	45.5	17.3	0.0
-52.5°	79.1	41.2	16.3	0.0
-55°	72.6	37.9	15.2	0.0
-57.5°	66.1	33.6	15.2	0.0
-60°	59.6	29.3	14.1	0.0
-62.5°	53.1	27.1	13.0	0.0
-65°	46.6	24.9	11.9	0.0
-67.5°	39.0	21.7	10.8	0.0
-70°	32.5	19.5	9.8	0.0
-72.5°	28.2	17.3	8.7	0.0
-75°	23.9	15.2	7.6	0.0
-77.5°	20.6	13.0	6.5	0.0
-80°	16.3	9.8	4.3	0.0
-82.5°	11.9	7.6	3.3	0.0
-85°	7.6	5.4	2.2	0.0
-87.5°	4.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)