

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: P722256

Luminaire Tested: **IFLD-S-SA3C-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722256  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

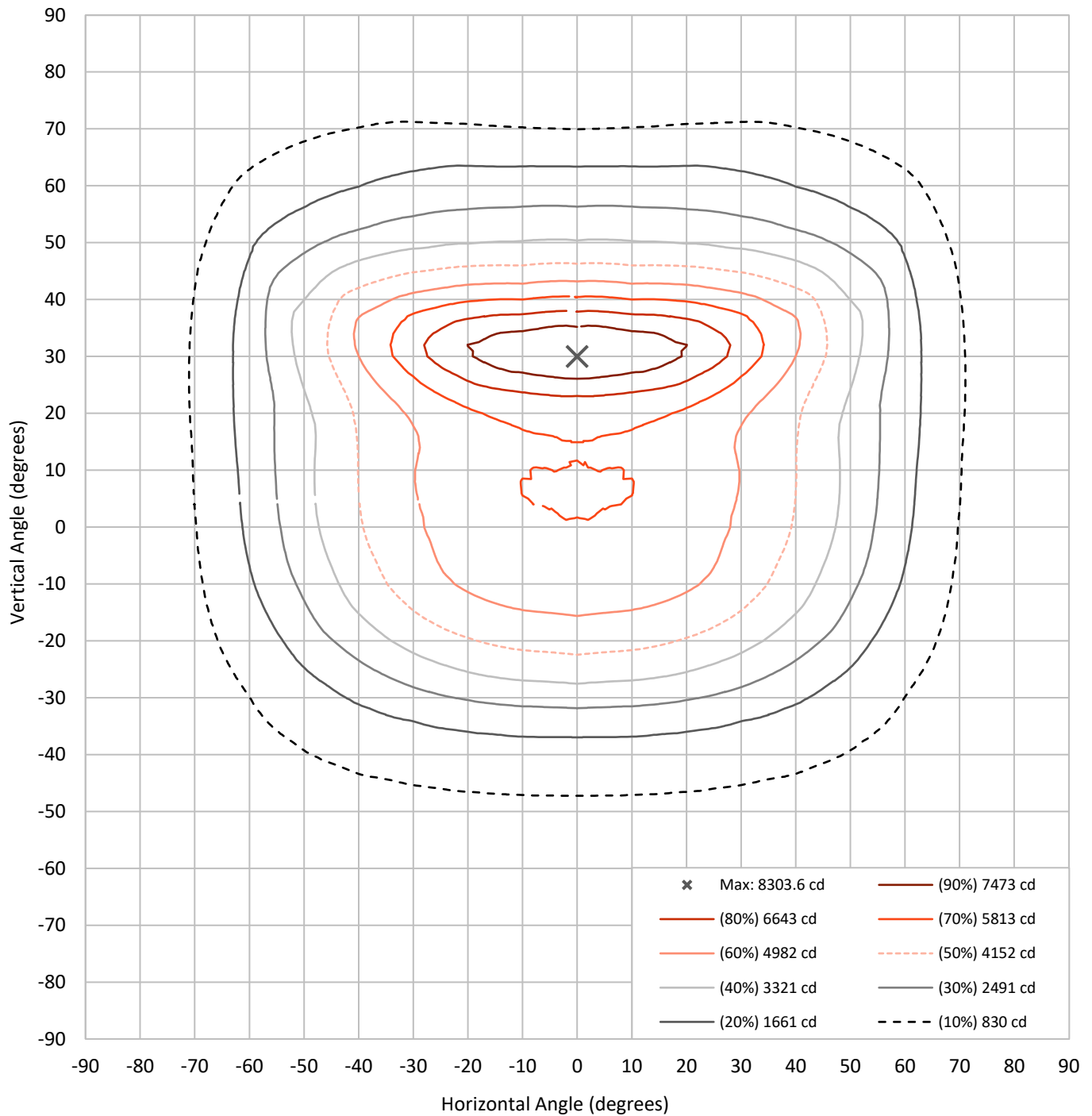
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	13860.8 lumens	Max Intensity:	8303.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8060.2 lumens	Field Lumens:	12989.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 160.8  
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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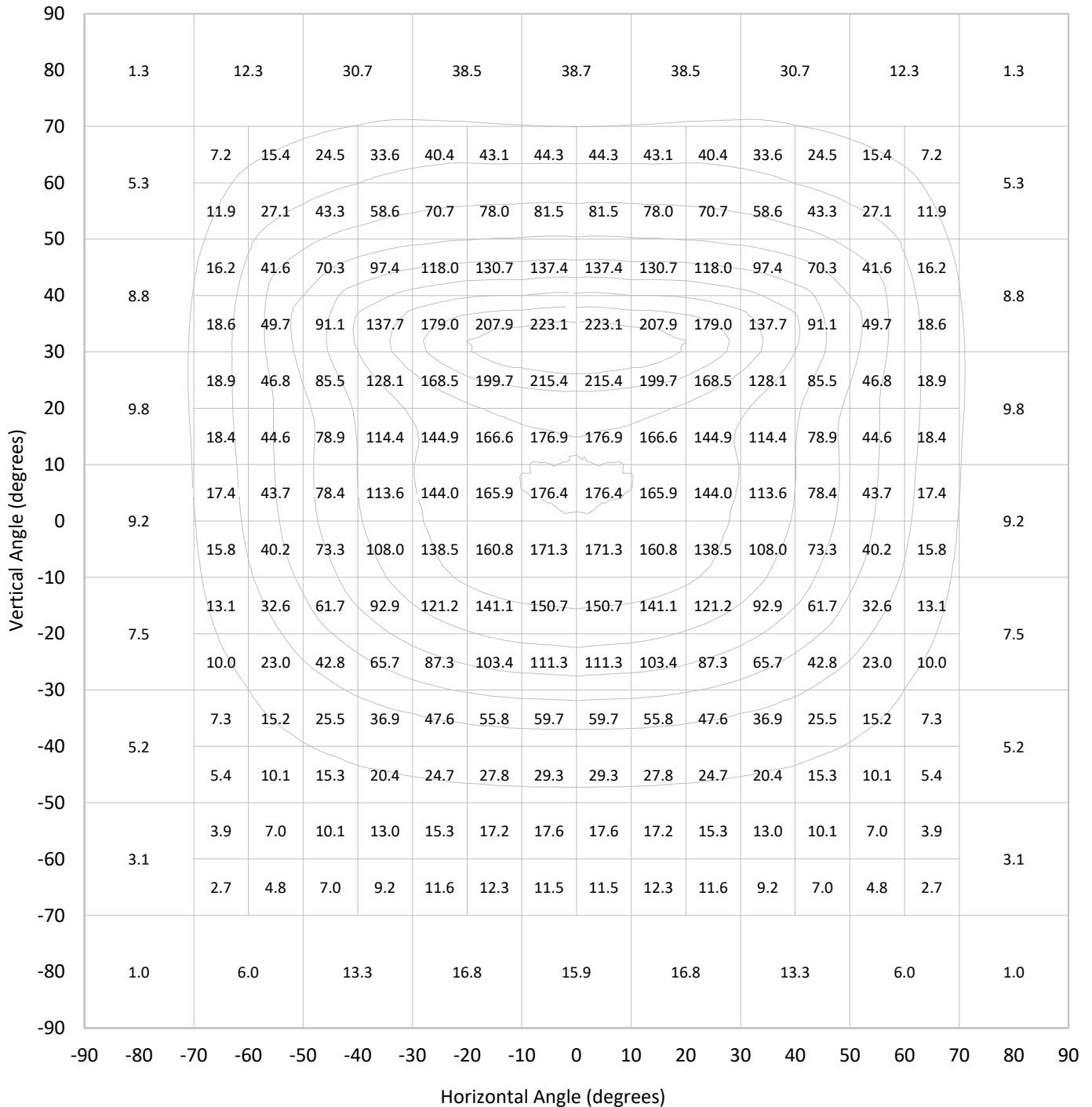
### Iso-Candela Plot





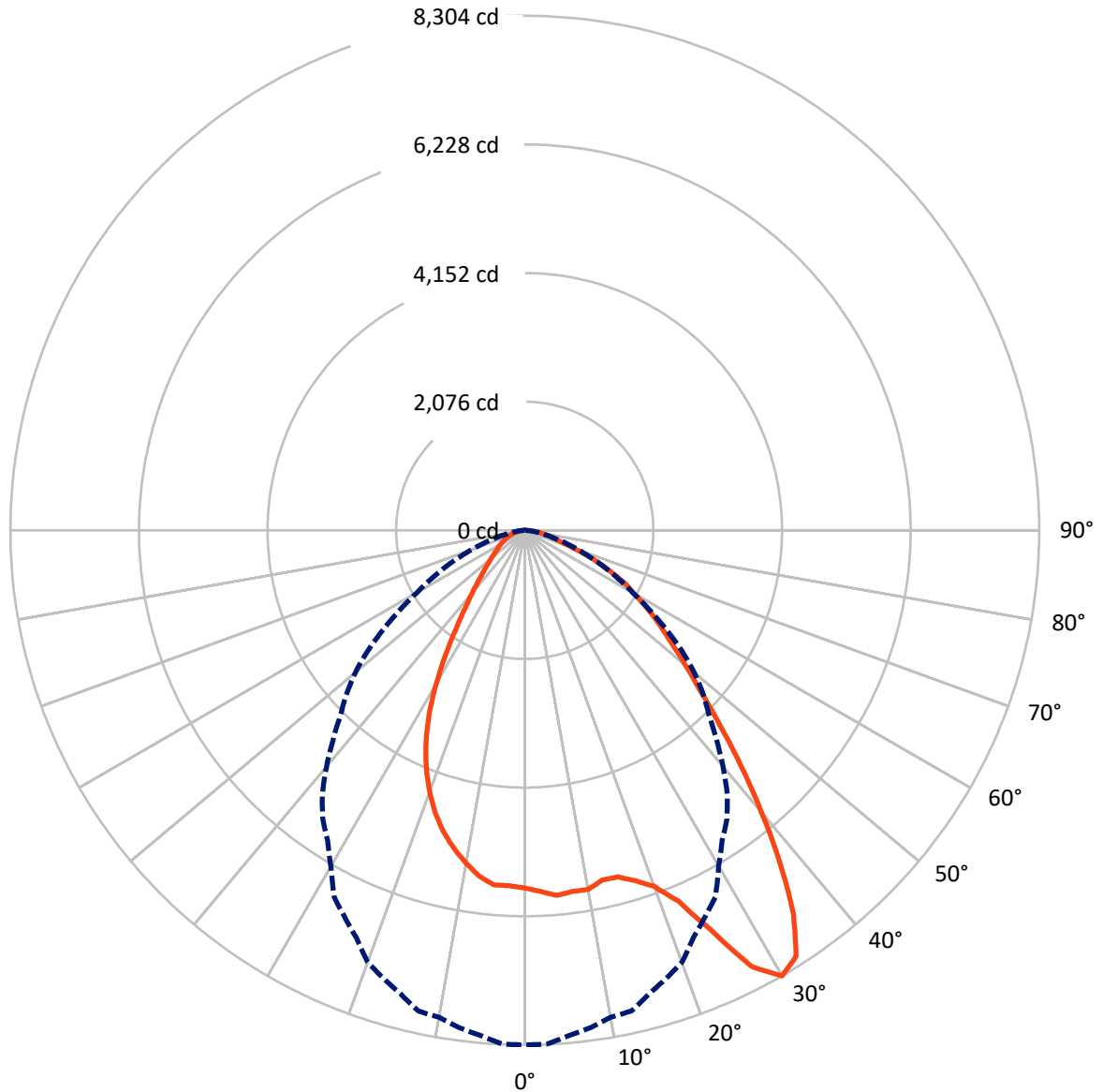
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### Lumen Table



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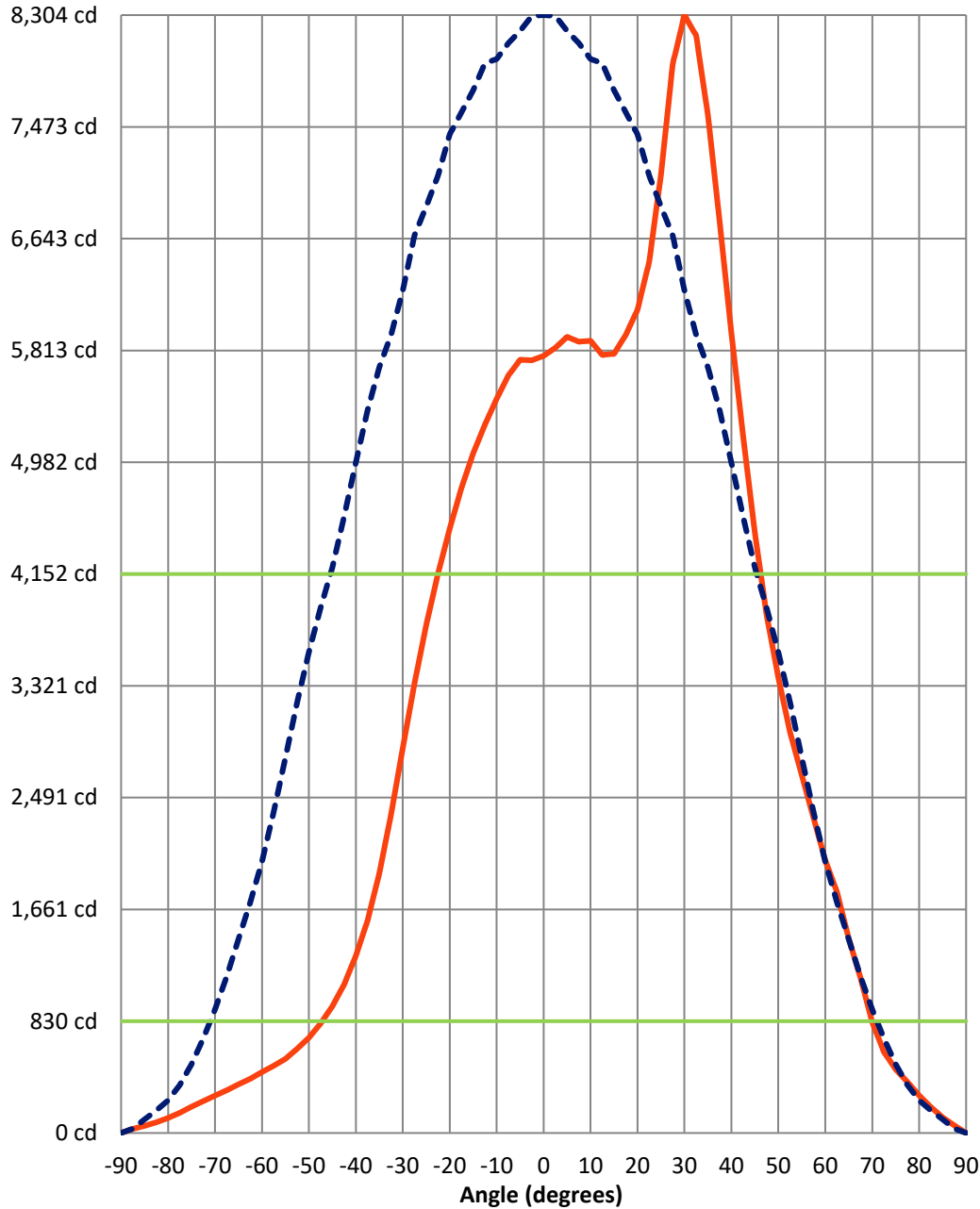
### Luminous Intensity Polar Plot



— 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: 8060.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 12989.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 871.4  
 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°	55.8	57.3	58.7	58.7	57.3	57.3	57.3	55.8	57.3	57.3	57.3
85°	116.0	118.9	121.9	120.4	118.9	116.0	113.1	114.5	116.0	117.5	117.5
82.5°	192.4	196.8	199.7	198.2	195.3	192.4	189.4	190.9	193.8	195.3	195.3
80°	279.0	280.5	281.9	284.9	280.5	280.5	279.0	284.9	287.8	290.7	293.7
77.5°	378.8	380.3	380.3	381.8	383.2	384.7	384.7	395.0	402.3	406.7	411.1
75°	472.8	477.2	481.6	486.0	491.9	494.8	499.2	513.9	525.7	534.5	543.3
72.5°	602.0	607.9	615.2	625.5	635.8	643.1	653.4	671.0	684.3	693.1	703.3
70°	823.8	829.6	837.0	844.3	854.6	861.9	872.2	894.2	907.5	913.3	919.2
67.5°	1152.7	1167.4	1180.6	1165.9	1158.5	1148.3	1151.2	1171.8	1185.0	1193.8	1192.3
65°	1444.9	1455.2	1455.2	1453.7	1447.8	1434.6	1441.9	1466.9	1481.6	1488.9	1466.9
62.5°	1788.5	1788.5	1781.1	1792.9	1794.3	1785.5	1781.1	1782.6	1784.1	1788.5	1751.8
60°	2026.3	2041.0	2045.4	2055.7	2058.6	2058.6	2066.0	2071.9	2071.9	2063.1	2020.5
57.5°	2340.6	2368.5	2374.3	2367.0	2352.3	2333.2	2330.3	2321.5	2303.9	2286.2	2265.7
55°	2657.7	2672.4	2671.0	2666.6	2651.9	2629.8	2632.8	2621.0	2593.1	2571.1	2543.2
52.5°	2976.4	3011.6	3017.5	3008.7	2988.1	2964.6	2966.1	2952.9	2925.0	2901.5	2863.3
50°	3383.1	3412.5	3409.5	3394.9	3365.5	3347.9	3349.3	3324.4	3292.1	3284.7	3234.8
47.5°	3848.6	3882.4	3876.5	3855.9	3816.3	3808.9	3816.3	3784.0	3764.9	3748.7	3690.0
45°	4459.4	4499.1	4477.0	4437.4	4374.3	4381.6	4391.9	4386.0	4344.9	4302.3	4227.4
42.5°	5176.0	5201.0	5174.5	5134.9	5055.6	5070.3	5064.4	5029.2	5004.2	4933.7	4838.3
40°	5942.5	5996.8	5955.7	5894.0	5811.8	5833.8	5817.7	5772.1	5713.4	5625.3	5504.9
37.5°	6769.2	6811.7	6764.8	6692.8	6619.4	6612.1	6579.7	6509.3	6425.6	6328.7	6136.3
35°	7560.6	7670.7	7584.1	7469.6	7380.0	7346.2	7315.4	7152.4	7057.0	6899.9	6637.0
32.5°	8149.4	8230.2	8123.0	8004.1	7895.4	7848.4	7739.8	7545.9	7494.5	7164.2	6923.3
30°	8303.6	8297.7	8186.1	8095.1	7977.6	7945.3	7745.6	7581.2	7416.7	7111.3	6882.2
27.5°	7936.5	7899.8	7792.6	7713.3	7597.3	7559.1	7362.4	7274.3	7020.3	6761.8	6568.0
25°	7118.6	7137.7	7057.0	7017.3	6941.0	6858.7	6780.9	6662.0	6503.4	6277.3	6099.6
22.5°	6474.0	6499.0	6465.2	6418.2	6359.5	6314.0	6255.2	6162.7	6010.0	5870.5	5703.1
20°	6115.7	6108.4	6079.0	6043.8	5988.0	5955.7	5891.1	5813.3	5695.8	5575.4	5394.8
17.5°	5927.8	5882.3	5854.4	5841.2	5811.8	5770.7	5694.3	5615.0	5524.0	5387.4	5255.3
15°	5788.3	5795.6	5773.6	5763.3	5739.8	5682.6	5604.8	5540.1	5416.8	5347.8	5227.4
12.5°	5779.5	5772.1	5773.6	5769.2	5739.8	5666.4	5626.8	5544.5	5465.3	5374.2	5236.2
10°	5883.7	5805.9	5811.8	5832.3	5785.4	5726.6	5684.0	5594.5	5519.6	5403.6	5267.0
7.5°	5877.9	5838.2	5850.0	5816.2	5830.9	5758.9	5700.2	5610.6	5516.7	5393.3	5270.0
5°	5913.1	5852.9	5842.6	5845.6	5808.9	5754.5	5675.2	5590.1	5502.0	5363.9	5237.7
2.5°	5832.3	5841.2	5794.2	5776.6	5772.1	5681.1	5607.7	5525.5	5434.4	5312.5	5199.5
0°	5772.1	5788.3	5739.8	5714.9	5713.4	5635.6	5588.6	5494.6	5430.0	5328.7	5192.1
-2.5°	5739.8	5758.9	5764.8	5719.3	5675.2	5615.0	5535.7	5434.4	5328.7	5211.2	5093.8
-5°	5742.8	5704.6	5688.4	5703.1	5665.0	5604.8	5516.7	5427.1	5322.8	5196.5	5049.7
-7.5°	5626.8	5588.6	5585.7	5578.3	5569.5	5512.2	5438.8	5341.9	5236.2	5118.7	4982.2
-10°	5453.5	5425.6	5418.3	5410.9	5387.4	5353.7	5284.6	5196.5	5101.1	4983.6	4838.3
-12.5°	5261.2	5247.9	5220.0	5201.0	5177.5	5137.8	5071.7	4991.0	4895.5	4791.3	4666.5
-15°	5048.2	5023.3	4995.4	4979.2	4945.5	4898.5	4832.4	4757.5	4653.3	4550.5	4433.0
-17.5°	4791.3	4760.4	4729.6	4725.2	4701.7	4629.8	4568.1	4477.0	4386.0	4287.6	4173.1
-20°	4488.8	4446.2	4425.7	4413.9	4381.6	4328.7	4262.7	4179.0	4090.9	3996.9	3864.7



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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°	4154.0	4117.3	4082.1	4060.0	4032.1	3991.0	3927.9	3854.5	3767.8	3662.1	3540.2
-25°	3773.7	3722.3	3700.3	3675.3	3660.6	3622.5	3560.8	3493.2	3403.7	3300.9	3184.9
-27.5°	3339.1	3297.9	3286.2	3251.0	3233.3	3193.7	3142.3	3079.2	2996.9	2900.0	2804.6
-30°	2858.9	2833.9	2814.9	2779.6	2766.4	2723.8	2690.0	2637.2	2562.3	2493.3	2416.9
-32.5°	2365.5	2340.6	2334.7	2318.5	2309.7	2281.8	2243.7	2205.5	2145.3	2093.9	2032.2
-35°	1928.0	1910.3	1911.8	1910.3	1901.5	1881.0	1834.0	1823.7	1779.7	1732.7	1693.0
-37.5°	1578.5	1580.0	1578.5	1577.0	1565.3	1556.5	1522.7	1509.5	1483.0	1437.5	1414.0
-40°	1315.7	1318.6	1317.1	1314.2	1301.0	1296.6	1274.5	1256.9	1246.6	1214.3	1189.4
-42.5°	1102.7	1107.1	1105.7	1104.2	1095.4	1093.9	1082.2	1061.6	1055.8	1036.7	1010.2
-45°	941.2	939.8	936.8	939.8	935.3	930.9	923.6	910.4	903.0	894.2	872.2
-47.5°	813.5	814.9	812.0	812.0	806.1	801.7	798.8	790.0	784.1	776.8	763.6
-50°	707.8	713.6	712.2	710.7	706.3	703.3	703.3	694.5	685.7	682.8	674.0
-52.5°	625.5	629.9	631.4	634.3	635.8	637.3	632.9	624.1	609.4	607.9	603.5
-55°	550.6	563.9	572.7	578.5	584.4	588.8	580.0	568.3	553.6	547.7	546.2
-57.5°	499.2	512.5	522.7	531.5	538.9	546.2	537.4	525.7	512.5	505.1	503.6
-60°	452.3	464.0	474.3	486.0	496.3	508.1	503.6	494.8	487.5	481.6	475.8
-62.5°	402.3	414.1	425.8	440.5	453.7	465.5	466.9	465.5	464.0	465.5	455.2
-65°	361.2	367.1	374.4	390.6	405.3	418.5	425.8	430.2	437.6	444.9	434.6
-67.5°	317.2	324.5	333.3	345.1	356.8	365.6	375.9	387.6	399.4	411.1	403.8
-70°	277.5	283.4	290.7	296.6	304.0	309.8	318.6	331.9	345.1	356.8	353.9
-72.5°	236.4	242.3	246.7	249.6	254.0	257.0	261.4	273.1	281.9	287.8	287.8
-75°	195.3	201.2	205.6	207.0	210.0	211.4	214.4	218.8	223.2	224.7	226.1
-77.5°	149.8	155.6	160.1	163.0	165.9	168.9	170.3	173.3	174.7	174.7	176.2
-80°	111.6	116.0	118.9	123.3	124.8	127.7	130.7	132.2	133.6	133.6	135.1
-82.5°	79.3	82.2	85.2	88.1	91.0	92.5	95.4	96.9	98.4	99.8	101.3
-85°	52.9	55.8	58.7	61.7	63.1	64.6	66.1	67.5	69.0	70.5	71.9
-87.5°	30.8	32.3	33.8	36.7	38.2	41.1	42.6	41.1	42.6	42.6	42.6
-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°	57.3	57.3	57.3	57.3	55.8	52.9	51.4	48.5	45.5	42.6	39.6
85°	118.9	120.4	120.4	120.4	117.5	116.0	111.6	107.2	101.3	92.5	85.2
82.5°	198.2	199.7	199.7	198.2	195.3	190.9	185.0	177.7	165.9	154.2	143.9
80°	298.1	299.5	299.5	298.1	290.7	283.4	276.1	267.2	252.6	236.4	218.8
77.5°	417.0	420.0	420.0	415.5	405.3	396.5	384.7	370.0	348.0	324.5	301.0
75°	555.0	562.4	563.9	559.4	546.2	530.1	511.0	486.0	452.3	422.9	395.0
72.5°	715.1	722.4	728.3	722.4	703.3	681.3	653.4	624.1	590.3	550.6	503.6
70°	925.1	932.4	936.8	917.7	884.0	847.2	813.5	779.7	740.1	691.6	640.2
67.5°	1189.4	1182.0	1173.2	1135.0	1092.5	1048.4	1001.4	951.5	900.1	848.7	788.5
65°	1443.4	1422.8	1403.8	1358.2	1303.9	1246.6	1192.3	1136.5	1074.8	1010.2	953.0
62.5°	1710.6	1666.6	1619.6	1563.8	1508.0	1444.9	1390.5	1324.5	1255.5	1176.2	1102.7
60°	1973.5	1920.6	1873.6	1804.6	1731.2	1646.0	1587.3	1522.7	1441.9	1356.8	1270.1
57.5°	2227.5	2170.2	2118.9	2058.6	1979.4	1886.9	1822.2	1738.5	1653.4	1546.2	1458.1
55°	2497.7	2440.4	2399.3	2331.8	2245.1	2160.0	2089.5	2001.4	1882.4	1767.9	1659.3
52.5°	2807.5	2762.0	2717.9	2648.9	2544.7	2458.0	2380.2	2281.8	2157.0	2016.1	1885.4
50°	3154.0	3130.6	3083.6	3002.8	2883.9	2807.5	2704.7	2574.0	2440.4	2292.1	2129.1
47.5°	3613.6	3575.5	3509.4	3421.3	3321.4	3206.9	3068.9	2916.2	2726.8	2562.3	2389.0
45°	4162.8	4092.3	4007.2	3888.2	3764.9	3635.7	3484.4	3290.6	3036.6	2822.2	2640.1
42.5°	4757.5	4662.1	4546.1	4390.4	4230.4	4071.8	3908.8	3644.5	3327.3	3080.6	2875.1
40°	5378.6	5256.7	5111.4	4885.3	4707.6	4503.5	4317.0	3922.0	3584.3	3317.0	3098.3
37.5°	5986.5	5832.3	5588.6	5314.0	5107.0	4939.6	4529.9	4107.0	3804.5	3510.9	3289.1
35°	6452.0	6321.3	5891.1	5606.2	5428.5	5164.2	4651.8	4218.6	3898.5	3654.8	3309.7
32.5°	6728.1	6390.3	6013.0	5725.2	5578.3	5145.2	4660.6	4250.9	3942.6	3669.4	3256.8
30°	6666.4	6258.2	5927.8	5687.0	5368.3	4979.2	4578.4	4201.0	3901.4	3571.1	3198.1
27.5°	6294.9	5979.2	5684.0	5433.0	5120.2	4770.7	4400.7	4068.8	3789.9	3469.7	3117.3
25°	5874.9	5588.6	5369.8	5151.0	4854.4	4521.1	4195.1	3955.8	3675.3	3359.6	3011.6
22.5°	5488.8	5283.2	5111.4	4882.3	4593.0	4302.3	4099.7	3851.5	3563.7	3243.6	2903.0
20°	5242.1	5102.6	4905.8	4653.3	4425.7	4243.6	4018.9	3756.1	3459.5	3124.7	2810.5
17.5°	5123.1	4961.6	4742.8	4578.4	4403.6	4203.9	3952.8	3673.9	3358.2	3070.4	2820.7
15°	5061.5	4891.1	4747.2	4585.7	4388.9	4179.0	3900.0	3610.7	3358.2	3092.4	2828.1
12.5°	5074.7	4927.8	4770.7	4594.5	4383.1	4158.4	3905.9	3637.1	3375.8	3108.5	2829.5
10°	5115.8	4961.6	4794.2	4598.9	4386.0	4164.3	3922.0	3653.3	3384.6	3115.9	2826.6
7.5°	5130.5	4963.1	4783.9	4587.2	4378.7	4161.3	3924.9	3657.7	3386.1	3114.4	2817.8
5°	5085.0	4933.7	4760.4	4562.2	4358.1	4146.7	3913.2	3651.8	3374.3	3099.7	2795.8
2.5°	5023.3	4901.4	4735.5	4544.6	4337.6	4126.1	3894.1	3625.4	3347.9	3073.3	2767.9
0°	5013.0	4861.8	4694.4	4524.0	4303.8	4080.6	3850.1	3575.5	3299.4	3023.4	2719.4
-2.5°	4945.5	4785.4	4618.0	4433.0	4239.2	4014.5	3772.2	3503.5	3230.4	2958.8	2666.6
-5°	4894.1	4716.4	4538.7	4339.0	4143.7	3919.1	3668.0	3406.6	3139.4	2875.1	2593.1
-7.5°	4825.1	4643.0	4456.5	4248.0	4036.5	3807.5	3559.3	3297.9	3035.1	2772.3	2502.1
-10°	4685.6	4525.5	4350.8	4134.9	3911.7	3682.7	3436.0	3179.0	2916.2	2650.4	2378.8
-12.5°	4516.7	4347.8	4156.9	3958.7	3759.0	3546.1	3299.4	3046.9	2782.6	2515.3	2245.1
-15°	4297.9	4132.0	3936.7	3742.9	3550.5	3346.4	3129.1	2901.5	2632.8	2369.9	2099.8
-17.5°	4024.8	3869.1	3694.4	3509.4	3318.5	3112.9	2901.5	2709.1	2458.0	2211.4	1944.1
-20°	3731.1	3585.7	3428.6	3253.9	3063.0	2861.8	2662.1	2461.0	2243.7	2026.3	1778.2



REPORT NUMBER: P722256  
 CATALOG NUMBER: IFLD-S-SA3C-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°	3425.7	3278.9	3120.3	2957.3	2781.1	2594.6	2409.6	2217.2	2026.3	1829.6	1619.6
-25°	3073.3	2944.1	2798.7	2640.1	2483.0	2320.0	2143.8	1969.1	1806.1	1635.8	1464.0
-27.5°	2704.7	2585.8	2453.6	2315.6	2180.5	2044.0	1891.3	1729.7	1594.6	1453.7	1311.3
-30°	2317.1	2221.6	2114.4	1994.0	1889.8	1779.7	1651.9	1518.3	1394.9	1287.8	1173.2
-32.5°	1950.0	1869.2	1792.9	1713.6	1610.8	1525.6	1437.5	1339.1	1230.5	1129.2	1046.9
-35°	1634.3	1547.7	1515.4	1456.6	1383.2	1308.3	1243.7	1173.2	1091.0	1001.4	933.9
-37.5°	1368.5	1317.1	1271.6	1239.3	1190.8	1130.6	1079.2	1027.9	964.7	897.2	829.6
-40°	1161.5	1126.2	1076.3	1060.2	1029.3	988.2	935.3	895.7	853.1	801.7	744.5
-42.5°	995.6	969.1	936.8	908.9	895.7	866.3	825.2	787.0	753.3	718.0	674.0
-45°	859.0	841.4	820.8	795.9	785.6	762.1	732.7	690.1	671.0	641.7	609.4
-47.5°	748.9	740.1	725.4	709.2	694.5	676.9	650.5	624.1	597.6	578.5	553.6
-50°	662.2	656.4	647.5	634.3	615.2	603.5	585.9	562.4	537.4	521.3	503.6
-52.5°	593.2	587.3	581.5	571.2	556.5	544.8	530.1	511.0	490.4	474.3	459.6
-55°	540.4	531.5	527.1	518.3	506.6	493.4	480.2	466.9	449.3	434.6	420.0
-57.5°	499.2	487.5	481.6	474.3	462.5	449.3	439.0	425.8	414.1	397.9	384.7
-60°	466.9	453.7	442.0	434.6	424.4	411.1	400.9	390.6	378.8	365.6	349.5
-62.5°	440.5	424.4	408.2	399.4	389.1	377.4	367.1	356.8	345.1	331.9	317.2
-65°	415.5	396.5	375.9	367.1	356.8	345.1	331.9	324.5	314.2	302.5	287.8
-67.5°	384.7	364.2	346.5	336.3	326.0	315.7	304.0	296.6	286.3	271.6	257.0
-70°	339.2	326.0	314.2	305.4	296.6	287.8	276.1	264.3	252.6	239.3	226.1
-72.5°	281.9	277.5	276.1	271.6	261.4	251.1	239.3	227.6	217.3	207.0	196.8
-75°	227.6	230.5	233.5	232.0	221.7	211.4	201.2	190.9	183.5	174.7	165.9
-77.5°	180.6	183.5	186.5	186.5	179.1	173.3	165.9	158.6	152.7	145.4	136.6
-80°	139.5	143.9	148.3	151.2	145.4	141.0	135.1	129.2	123.3	117.5	111.6
-82.5°	105.7	110.1	114.5	117.5	113.1	110.1	105.7	101.3	96.9	91.0	86.6
-85°	76.4	79.3	82.2	83.7	80.8	77.8	74.9	71.9	69.0	64.6	61.7
-87.5°	44.1	45.5	47.0	48.5	45.5	42.6	41.1	38.2	36.7	33.8	32.3
-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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 CATALOG NUMBER: IFLD-S-SA3C-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°	36.7	33.8	30.8	29.4	26.4	22.0	19.1	16.2	13.2	10.3	8.8
85°	77.8	70.5	61.7	57.3	51.4	45.5	39.6	33.8	27.9	22.0	16.2
82.5°	133.6	124.8	116.0	105.7	92.5	76.4	60.2	49.9	41.1	32.3	25.0
80°	201.2	185.0	170.3	157.1	142.4	121.9	99.8	79.3	55.8	42.6	32.3
77.5°	279.0	259.9	239.3	217.3	193.8	165.9	141.0	114.5	86.6	58.7	41.1
75°	367.1	342.1	314.2	283.4	252.6	215.8	180.6	149.8	117.5	82.2	49.9
72.5°	465.5	434.6	400.9	359.7	311.3	268.7	226.1	185.0	146.8	104.3	67.5
70°	591.8	543.3	493.4	449.3	387.6	320.1	270.2	223.2	174.7	127.7	85.2
67.5°	726.8	668.1	607.9	543.3	465.5	386.2	314.2	261.4	204.1	149.8	101.3
65°	873.7	800.3	723.9	652.0	544.8	450.8	370.0	298.1	232.0	170.3	117.5
62.5°	1024.9	938.3	850.2	756.2	632.9	516.9	422.9	339.2	258.4	189.4	132.2
60°	1186.4	1085.1	977.9	860.5	716.6	588.8	472.8	381.8	286.3	208.5	148.3
57.5°	1356.8	1246.6	1120.4	961.8	803.2	657.8	530.1	420.0	311.3	226.1	160.1
55°	1541.8	1415.5	1277.5	1067.5	888.4	726.8	587.3	458.1	337.7	240.8	171.8
52.5°	1741.5	1594.6	1419.9	1179.1	977.9	797.3	640.2	491.9	362.7	257.0	182.1
50°	1964.7	1779.7	1544.7	1281.9	1055.8	863.4	693.1	528.6	383.2	274.6	190.9
47.5°	2196.7	1997.0	1656.3	1377.3	1135.0	928.0	747.4	560.9	403.8	289.3	199.7
45°	2439.0	2148.2	1772.3	1462.5	1204.1	986.7	788.5	590.3	428.8	302.5	207.0
42.5°	2678.3	2262.8	1873.6	1547.7	1268.7	1039.6	822.3	618.2	449.3	315.7	214.4
40°	2791.4	2349.4	1954.4	1606.4	1323.0	1086.6	851.7	643.1	466.9	324.5	221.7
37.5°	2838.4	2402.2	2007.3	1662.2	1365.6	1111.6	876.6	665.2	481.6	333.3	227.6
35°	2848.6	2421.3	2033.7	1700.4	1400.8	1135.0	895.7	681.3	493.4	342.1	233.5
32.5°	2829.5	2415.5	2041.0	1713.6	1422.8	1152.7	908.9	693.1	502.2	350.9	239.3
30°	2787.0	2384.6	2014.6	1712.1	1439.0	1162.9	917.7	701.9	511.0	356.8	242.3
27.5°	2717.9	2330.3	1980.8	1713.6	1447.8	1167.4	922.1	706.3	516.9	361.2	248.2
25°	2632.8	2256.9	1982.3	1710.6	1449.3	1168.8	922.1	706.3	518.3	362.7	252.6
22.5°	2534.4	2256.9	1982.3	1706.2	1440.5	1165.9	917.7	703.3	518.3	365.6	257.0
20°	2540.3	2258.3	1977.9	1697.4	1427.3	1157.1	907.5	696.0	513.9	370.0	259.9
17.5°	2544.7	2255.4	1969.1	1685.7	1409.6	1142.4	894.2	685.7	513.9	374.4	261.4
15°	2544.7	2246.6	1955.9	1668.1	1387.6	1121.8	875.1	676.9	515.4	375.9	264.3
12.5°	2540.3	2230.4	1935.3	1644.6	1361.2	1096.9	863.4	674.0	515.4	377.4	264.3
10°	2531.5	2208.4	1908.9	1615.2	1336.2	1088.1	857.5	668.1	512.5	377.4	264.3
7.5°	2515.3	2182.0	1886.9	1597.6	1321.5	1077.8	848.7	659.3	508.1	374.4	267.2
5°	2490.3	2167.3	1869.2	1577.0	1301.0	1070.4	842.8	652.0	505.1	374.4	264.3
2.5°	2458.0	2149.7	1848.7	1550.6	1277.5	1045.5	823.8	635.8	494.8	368.6	261.4
0°	2405.2	2114.4	1813.4	1513.9	1245.2	1020.5	804.7	619.7	484.6	362.7	258.4
-2.5°	2356.7	2067.5	1767.9	1475.7	1214.3	998.5	790.0	610.8	480.2	361.2	257.0
-5°	2289.2	2002.9	1707.7	1425.8	1173.2	976.5	775.3	600.6	475.8	358.3	257.0
-7.5°	2214.3	1935.3	1644.6	1374.4	1132.1	938.3	747.4	584.4	465.5	352.4	255.5
-10°	2098.3	1834.0	1565.3	1315.7	1088.1	904.5	723.9	569.7	456.7	346.5	249.6
-12.5°	1975.0	1722.4	1474.2	1243.7	1038.1	869.3	697.5	553.6	446.4	340.7	246.7
-15°	1844.3	1607.9	1378.8	1168.8	983.8	826.7	669.6	536.0	436.1	333.3	242.3
-17.5°	1707.7	1487.5	1280.4	1092.5	929.5	782.6	640.2	519.8	424.4	326.0	237.9
-20°	1563.8	1364.1	1180.6	1014.6	872.2	738.6	609.4	500.7	411.1	317.2	232.0



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CATALOG NUMBER: IFLD-S-SA3C-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1421.4	1242.2	1077.8	938.3	813.5	693.1	578.5	481.6	396.5	306.9	227.6
-25°	1295.1	1127.7	986.7	864.9	756.2	649.0	546.2	462.5	380.3	296.6	221.7
-27.5°	1171.8	1029.3	897.2	795.9	700.4	606.4	515.4	442.0	364.2	284.9	215.8
-30°	1057.2	935.3	826.7	728.3	647.5	568.3	489.0	421.4	346.5	273.1	208.5
-32.5°	953.0	854.6	763.6	669.6	597.6	530.1	464.0	400.9	328.9	261.4	201.2
-35°	856.1	779.7	700.4	621.1	547.7	494.8	437.6	378.8	312.8	248.2	193.8
-37.5°	769.4	707.8	644.6	577.1	513.9	461.1	412.6	356.8	296.6	236.4	186.5
-40°	694.5	644.6	588.8	534.5	481.6	431.7	387.6	334.8	280.5	227.6	179.1
-42.5°	625.5	587.3	541.8	496.3	449.3	405.3	362.7	311.3	264.3	217.3	171.8
-45°	572.7	534.5	497.8	456.7	417.0	378.8	336.3	290.7	249.6	205.6	164.5
-47.5°	522.7	489.0	455.2	421.4	389.1	353.9	311.3	273.1	233.5	195.3	158.6
-50°	478.7	446.4	417.0	387.6	359.7	326.0	286.3	255.5	220.3	185.0	151.2
-52.5°	437.6	409.7	380.3	356.8	333.3	299.5	267.2	237.9	207.0	173.3	143.9
-55°	400.9	374.4	348.0	326.0	304.0	274.6	248.2	223.2	193.8	164.5	136.6
-57.5°	365.6	343.6	318.6	298.1	276.1	252.6	230.5	207.0	180.6	155.6	129.2
-60°	333.3	312.8	290.7	270.2	251.1	232.0	211.4	192.4	168.9	145.4	121.9
-62.5°	301.0	283.4	264.3	243.7	229.1	211.4	195.3	176.2	157.1	136.6	108.7
-65°	271.6	255.5	237.9	220.3	207.0	193.8	179.1	161.5	145.4	126.3	96.9
-67.5°	242.3	227.6	212.9	198.2	186.5	176.2	161.5	148.3	135.1	114.5	85.2
-70°	214.4	202.6	189.4	177.7	168.9	157.1	146.8	135.1	123.3	99.8	71.9
-72.5°	188.0	176.2	165.9	157.1	149.8	139.5	130.7	121.9	105.7	83.7	60.2
-75°	157.1	149.8	143.9	136.6	129.2	121.9	114.5	104.3	88.1	67.5	47.0
-77.5°	129.2	124.8	120.4	114.5	108.7	102.8	94.0	83.7	70.5	52.9	38.2
-80°	105.7	101.3	98.4	92.5	88.1	82.2	73.4	64.6	51.4	41.1	30.8
-82.5°	80.8	77.8	74.9	71.9	67.5	61.7	52.9	45.5	38.2	30.8	23.5
-85°	57.3	55.8	52.9	49.9	45.5	41.1	35.2	30.8	26.4	20.6	16.2
-87.5°	29.4	27.9	26.4	25.0	23.5	20.6	17.6	14.7	13.2	10.3	7.3
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.9	4.4	1.5	0.0
85°	11.7	7.3	2.9	0.0
82.5°	17.6	11.7	4.4	0.0
80°	23.5	14.7	7.3	0.0
77.5°	29.4	17.6	8.8	0.0
75°	35.2	22.0	10.3	0.0
72.5°	39.6	25.0	11.7	0.0
70°	47.0	29.4	13.2	0.0
67.5°	58.7	32.3	14.7	0.0
65°	69.0	35.2	16.2	0.0
62.5°	80.8	38.2	17.6	0.0
60°	91.0	41.1	19.1	0.0
57.5°	101.3	48.5	20.6	0.0
55°	110.1	54.3	22.0	0.0
52.5°	120.4	60.2	23.5	0.0
50°	129.2	66.1	25.0	0.0
47.5°	136.6	71.9	25.0	0.0
45°	142.4	76.4	26.4	0.0
42.5°	146.8	80.8	27.9	0.0
40°	151.2	85.2	29.4	0.0
37.5°	155.6	89.6	29.4	0.0
35°	160.1	94.0	30.8	0.0
32.5°	164.5	98.4	30.8	0.0
30°	167.4	101.3	32.3	0.0
27.5°	171.8	104.3	32.3	0.0
25°	173.3	107.2	33.8	0.0
22.5°	176.2	108.7	33.8	0.0
20°	179.1	111.6	33.8	0.0
17.5°	180.6	113.1	35.2	0.0
15°	180.6	114.5	36.7	0.0
12.5°	182.1	116.0	36.7	0.0
10°	182.1	118.9	35.2	0.0
7.5°	185.0	117.5	35.2	0.0
5°	183.5	117.5	35.2	0.0
2.5°	182.1	116.0	35.2	0.0
0°	180.6	116.0	35.2	0.0
-2.5°	180.6	116.0	35.2	0.0
-5°	180.6	116.0	35.2	0.0
-7.5°	179.1	117.5	35.2	0.0
-10°	176.2	117.5	35.2	0.0
-12.5°	174.7	113.1	35.2	0.0
-15°	173.3	111.6	35.2	0.0
-17.5°	170.3	110.1	33.8	0.0
-20°	167.4	108.7	33.8	0.0



REPORT NUMBER: P722256  
 CATALOG NUMBER: IFLD-S-SA3C-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	164.5	105.7	33.8	0.0
-25°	161.5	102.8	32.3	0.0
-27.5°	158.6	99.8	32.3	0.0
-30°	154.2	96.9	30.8	0.0
-32.5°	149.8	94.0	30.8	0.0
-35°	146.8	89.6	29.4	0.0
-37.5°	142.4	85.2	29.4	0.0
-40°	138.0	80.8	27.9	0.0
-42.5°	133.6	76.4	26.4	0.0
-45°	127.7	71.9	26.4	0.0
-47.5°	123.3	67.5	25.0	0.0
-50°	116.0	61.7	23.5	0.0
-52.5°	107.2	55.8	22.0	0.0
-55°	98.4	51.4	20.6	0.0
-57.5°	89.6	45.5	20.6	0.0
-60°	80.8	39.6	19.1	0.0
-62.5°	71.9	36.7	17.6	0.0
-65°	63.1	33.8	16.2	0.0
-67.5°	52.9	29.4	14.7	0.0
-70°	44.1	26.4	13.2	0.0
-72.5°	38.2	23.5	11.7	0.0
-75°	32.3	20.6	10.3	0.0
-77.5°	27.9	17.6	8.8	0.0
-80°	22.0	13.2	5.9	0.0
-82.5°	16.2	10.3	4.4	0.0
-85°	10.3	7.3	2.9	0.0
-87.5°	5.9	2.9	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)