

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: P722311

Luminaire Tested: **IFLD-S-SA2E-940-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722311  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2E-940-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 4000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

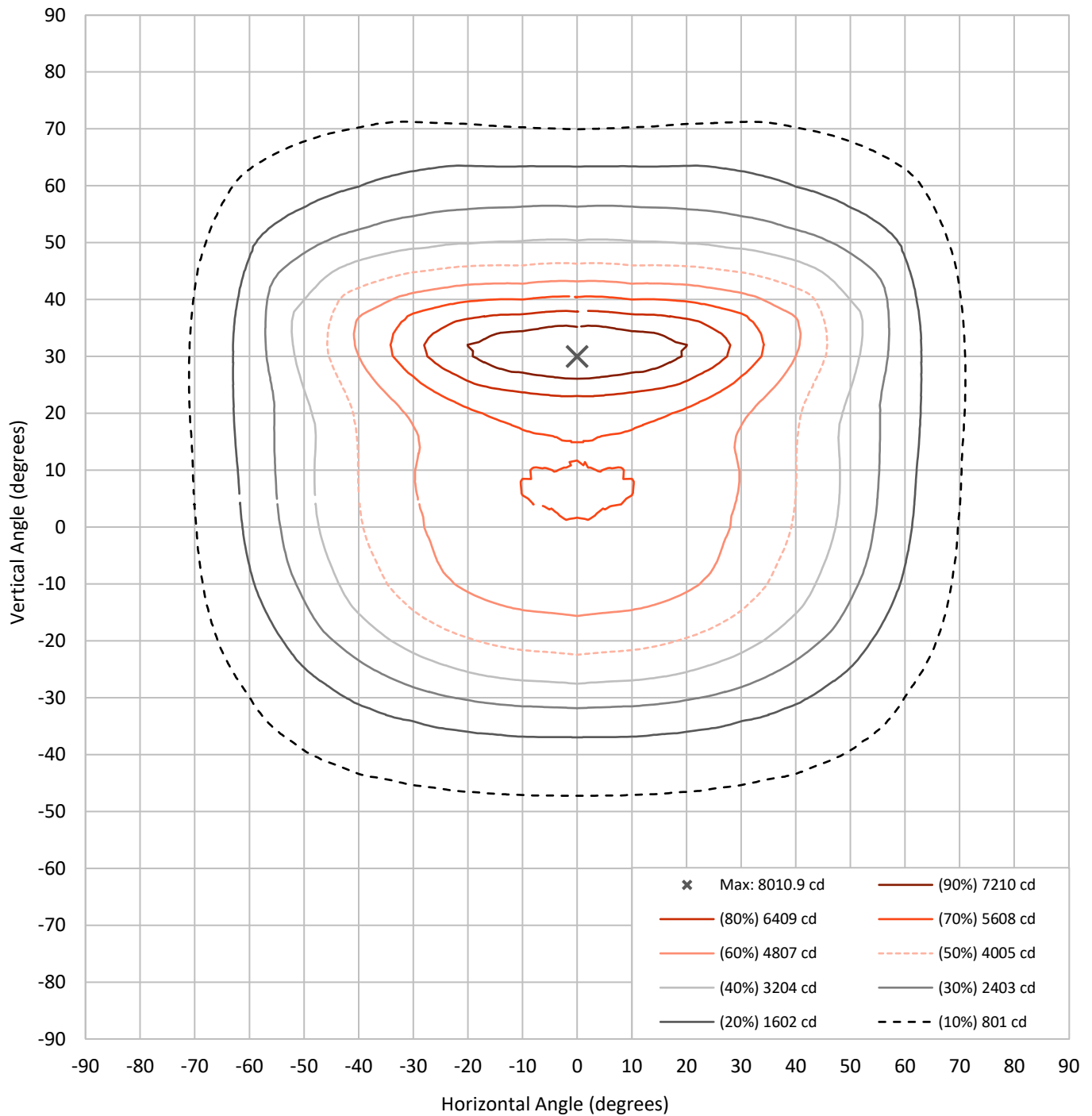
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	13372.2 lumens	Max Intensity:	8010.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7776.1 lumens	Field Lumens:	12531.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2  
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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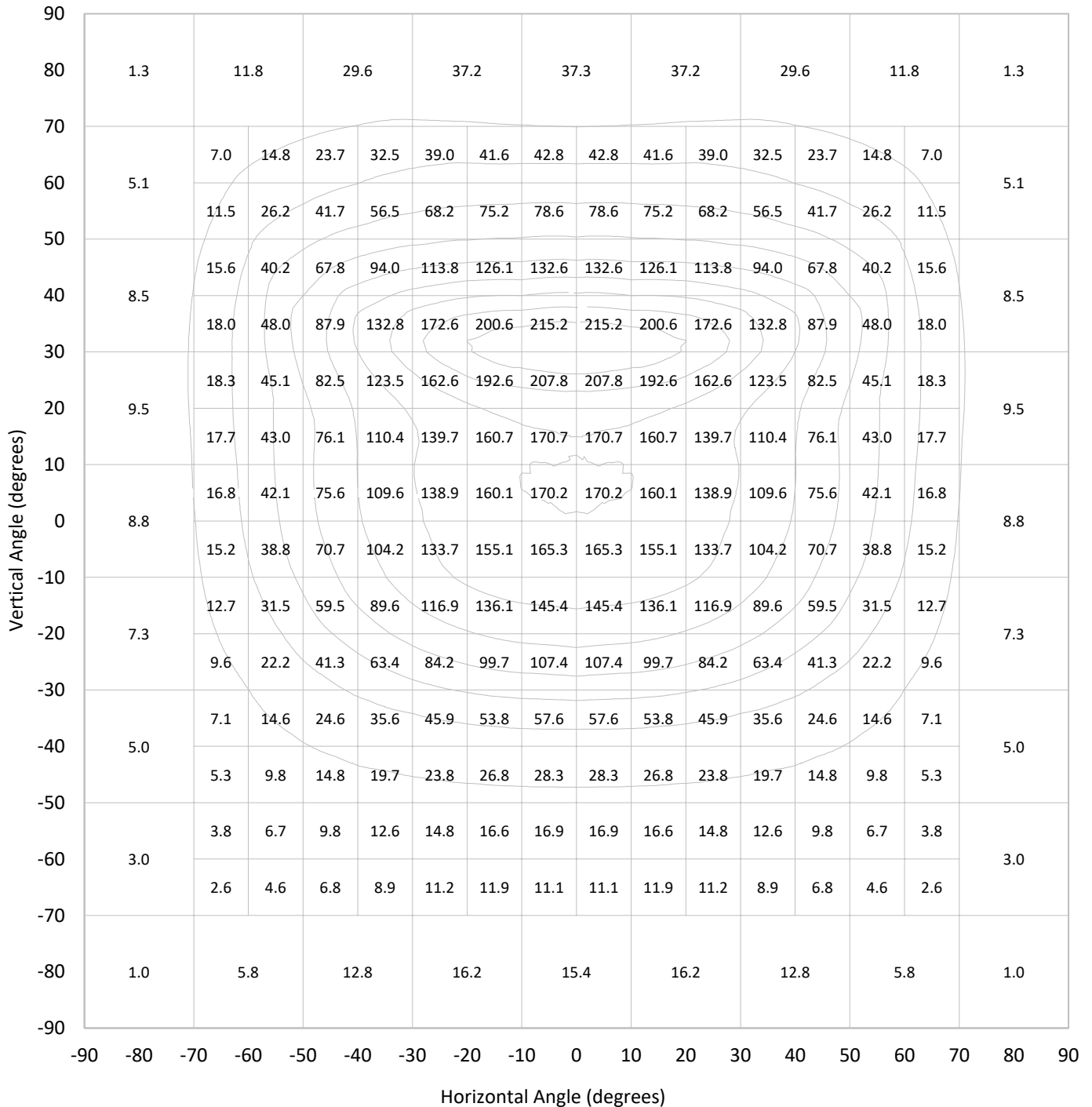
### Iso-Candela Plot





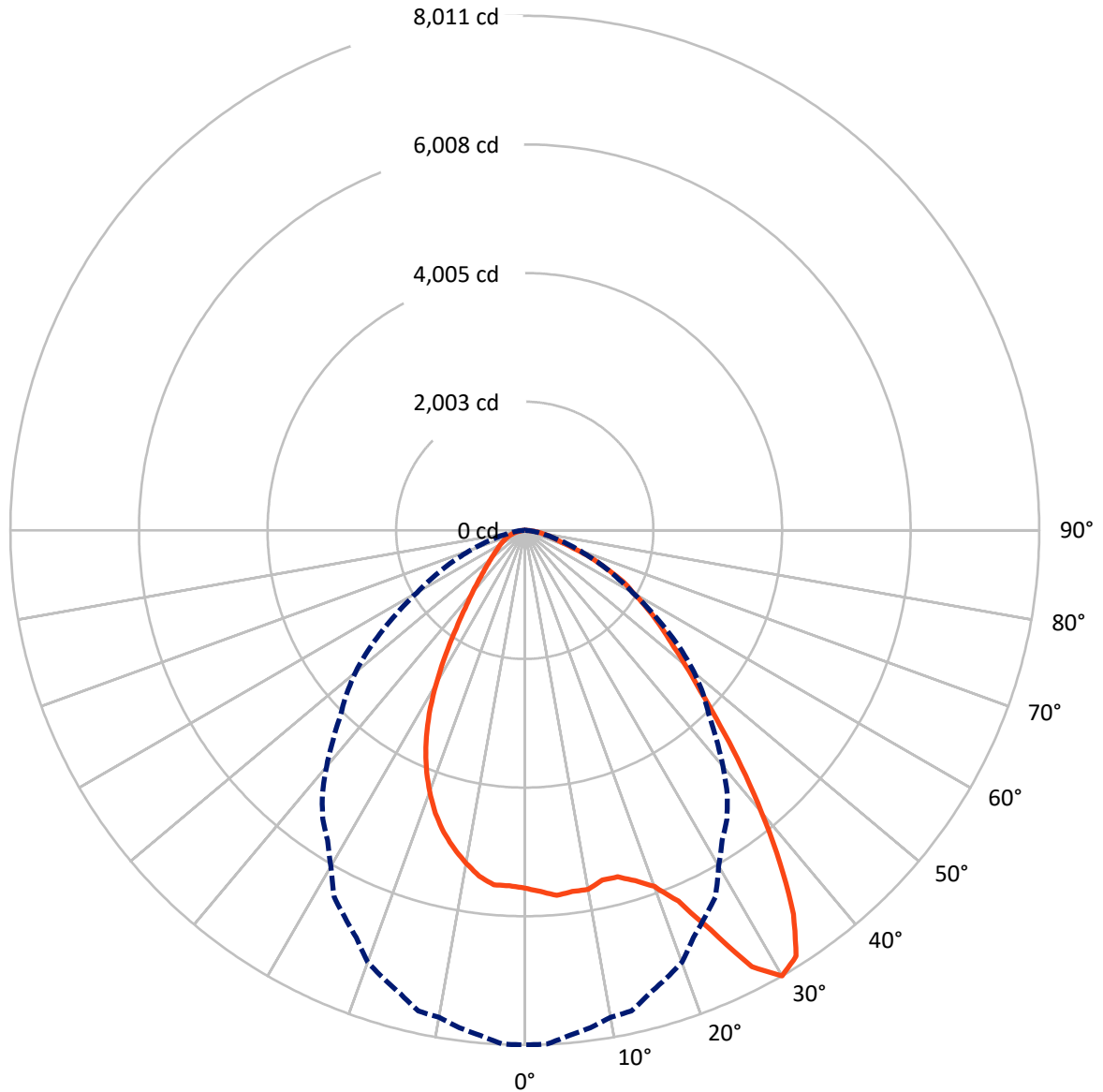
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### Lumen Table



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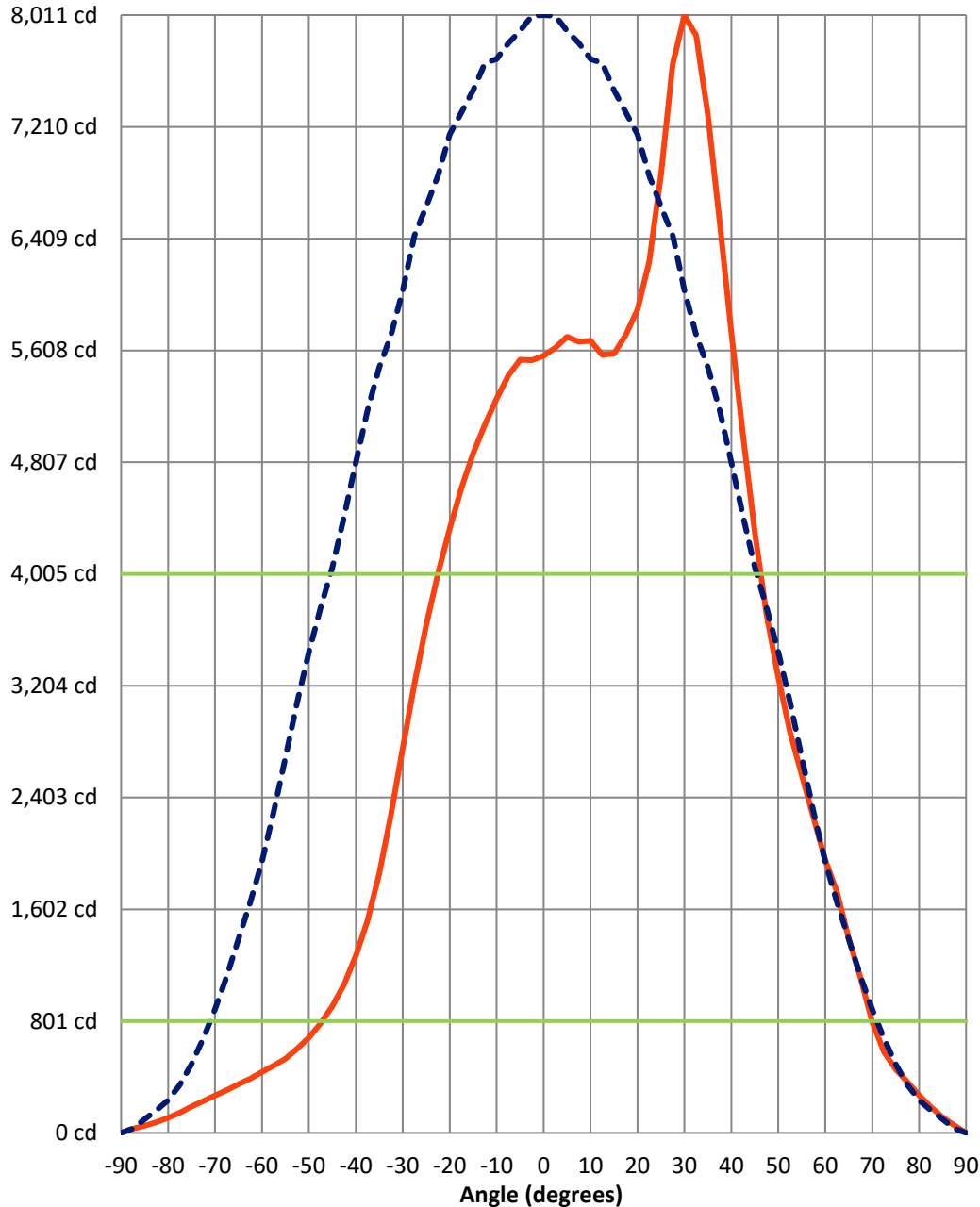
### Luminous Intensity Polar Plot



— 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: 7776.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 12531.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 840.7  
 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°	53.8	55.2	56.7	56.7	55.2	55.2	55.2	53.8	55.2	55.2	55.2
85°	111.9	114.7	117.6	116.2	114.7	111.9	109.1	110.5	111.9	113.3	113.3
82.5°	185.6	189.8	192.7	191.2	188.4	185.6	182.7	184.2	187.0	188.4	188.4
80°	269.2	270.6	272.0	274.8	270.6	270.6	269.2	274.8	277.7	280.5	283.3
77.5°	365.5	366.9	366.9	368.3	369.7	371.2	371.2	381.1	388.2	392.4	396.6
75°	456.1	460.4	464.6	468.9	474.6	477.4	481.6	495.8	507.1	515.6	524.1
72.5°	580.8	586.5	593.6	603.5	613.4	620.5	630.4	647.4	660.1	668.6	678.6
70°	794.7	800.4	807.5	814.5	824.5	831.5	841.5	862.7	875.5	881.1	886.8
67.5°	1112.0	1126.2	1139.0	1124.8	1117.7	1107.8	1110.6	1130.5	1143.2	1151.7	1150.3
65°	1393.9	1403.9	1403.9	1402.4	1396.8	1384.0	1391.1	1415.2	1429.4	1436.4	1415.2
62.5°	1725.4	1725.4	1718.3	1729.7	1731.1	1722.6	1718.3	1719.8	1721.2	1725.4	1690.0
60°	1954.9	1969.1	1973.3	1983.2	1986.1	1986.1	1993.2	1998.8	1998.8	1990.3	1949.3
57.5°	2258.1	2285.0	2290.7	2283.6	2269.4	2251.0	2248.2	2239.7	2222.7	2205.7	2185.8
55°	2564.1	2578.2	2576.8	2572.6	2558.4	2537.1	2540.0	2528.6	2501.7	2480.5	2453.6
52.5°	2871.5	2905.5	2911.1	2902.6	2882.8	2860.1	2861.5	2848.8	2821.9	2799.2	2762.4
50°	3263.9	3292.2	3289.4	3275.2	3246.9	3229.9	3231.3	3207.2	3176.0	3168.9	3120.8
47.5°	3712.9	3745.5	3739.8	3720.0	3681.8	3674.7	3681.8	3650.6	3632.2	3616.6	3559.9
45°	4302.2	4340.5	4319.2	4281.0	4220.1	4227.2	4237.1	4231.4	4191.7	4150.7	4078.4
42.5°	4993.5	5017.6	4992.1	4953.9	4877.4	4891.5	4885.9	4851.9	4827.8	4759.8	4667.7
40°	5733.0	5785.4	5745.8	5686.3	5606.9	5628.2	5612.6	5568.7	5512.0	5427.0	5310.9
37.5°	6530.6	6571.6	6526.3	6456.9	6386.1	6379.0	6347.8	6279.8	6199.1	6105.6	5920.0
35°	7294.1	7400.4	7316.8	7206.3	7119.9	7087.3	7057.5	6900.3	6808.2	6656.6	6403.1
32.5°	7862.2	7940.1	7836.7	7721.9	7617.1	7571.8	7466.9	7279.9	7230.4	6911.6	6679.3
30°	8010.9	8005.2	7897.6	7809.7	7696.4	7665.3	7472.6	7313.9	7155.3	6860.6	6639.6
27.5°	7656.8	7621.3	7517.9	7441.4	7329.5	7292.7	7102.9	7017.9	6772.8	6523.5	6336.5
25°	6867.7	6886.1	6808.2	6770.0	6696.3	6617.0	6541.9	6427.1	6274.1	6056.0	5884.6
22.5°	6245.8	6269.9	6237.3	6192.0	6135.3	6091.4	6034.7	5945.5	5798.2	5663.6	5502.1
20°	5900.2	5893.1	5864.7	5830.8	5776.9	5745.8	5683.4	5608.3	5495.0	5378.9	5204.6
17.5°	5718.8	5674.9	5648.0	5635.3	5606.9	5567.3	5493.6	5417.1	5329.3	5197.5	5070.0
15°	5584.3	5591.3	5570.1	5560.2	5537.5	5482.3	5407.2	5344.9	5225.9	5159.3	5043.1
12.5°	5575.8	5568.7	5570.1	5565.8	5537.5	5466.7	5428.4	5349.1	5272.6	5184.8	5051.6
10°	5676.3	5601.3	5606.9	5626.8	5581.4	5524.8	5483.7	5397.3	5325.0	5213.1	5081.4
7.5°	5670.7	5632.4	5643.8	5611.2	5625.3	5555.9	5499.3	5412.9	5322.2	5203.2	5084.2
5°	5704.7	5646.6	5636.7	5639.5	5604.1	5551.7	5475.2	5393.0	5308.0	5174.9	5053.0
2.5°	5626.8	5635.3	5589.9	5572.9	5568.7	5480.8	5410.0	5330.7	5242.9	5125.3	5016.2
0°	5568.7	5584.3	5537.5	5513.4	5512.0	5436.9	5391.6	5300.9	5238.6	5140.9	5009.1
-2.5°	5537.5	5555.9	5561.6	5517.7	5475.2	5417.1	5340.6	5242.9	5140.9	5027.5	4914.2
-5°	5540.3	5503.5	5487.9	5502.1	5465.3	5407.2	5322.2	5235.8	5135.2	5013.4	4871.7
-7.5°	5428.4	5391.6	5388.8	5381.7	5373.2	5317.9	5247.1	5153.6	5051.6	4938.3	4806.5
-10°	5261.3	5234.4	5227.3	5220.2	5197.5	5164.9	5098.4	5013.4	4921.3	4808.0	4667.7
-12.5°	5075.7	5063.0	5036.0	5017.6	4995.0	4956.7	4893.0	4815.0	4723.0	4622.4	4502.0
-15°	4870.3	4846.2	4819.3	4803.7	4771.1	4725.8	4662.1	4589.8	4489.2	4390.1	4276.7
-17.5°	4622.4	4592.6	4562.9	4558.6	4536.0	4466.6	4407.1	4319.2	4231.4	4136.5	4026.0
-20°	4330.6	4289.5	4269.7	4258.3	4227.2	4176.2	4112.4	4031.7	3946.7	3856.0	3728.5



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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°	4007.6	3972.2	3938.2	3916.9	3890.0	3850.3	3789.4	3718.6	3635.0	3533.0	3415.4
-25°	3640.7	3591.1	3569.8	3545.8	3531.6	3494.8	3435.3	3370.1	3283.7	3184.5	3072.6
-27.5°	3221.4	3181.7	3170.4	3136.4	3119.4	3081.1	3031.5	2970.6	2891.3	2797.8	2705.7
-30°	2758.1	2734.0	2715.6	2681.6	2668.9	2627.8	2595.2	2544.2	2472.0	2405.4	2331.7
-32.5°	2282.2	2258.1	2252.4	2236.8	2228.3	2201.4	2164.6	2127.7	2069.7	2020.1	1960.6
-35°	1860.0	1843.0	1844.4	1843.0	1834.5	1814.7	1769.3	1759.4	1716.9	1671.6	1633.3
-37.5°	1522.9	1524.3	1522.9	1521.4	1510.1	1501.6	1469.0	1456.3	1430.8	1386.9	1364.2
-40°	1269.3	1272.1	1270.7	1267.9	1255.1	1250.9	1229.6	1212.6	1202.7	1171.5	1147.5
-42.5°	1063.9	1068.1	1066.7	1065.3	1056.8	1055.4	1044.0	1024.2	1018.5	1000.1	974.6
-45°	908.0	906.6	903.8	906.6	902.4	898.1	891.0	878.3	871.2	862.7	841.5
-47.5°	784.8	786.2	783.4	783.4	777.7	773.5	770.6	762.1	756.5	749.4	736.6
-50°	682.8	688.5	687.1	685.6	681.4	678.6	678.6	670.1	661.6	658.7	650.2
-52.5°	603.5	607.7	609.1	612.0	613.4	614.8	610.6	602.1	587.9	586.5	582.2
-55°	531.2	544.0	552.5	558.1	563.8	568.1	559.6	548.2	534.1	528.4	527.0
-57.5°	481.6	494.4	504.3	512.8	519.9	527.0	518.5	507.1	494.4	487.3	485.9
-60°	436.3	447.6	457.6	468.9	478.8	490.1	485.9	477.4	470.3	464.6	459.0
-62.5°	388.2	399.5	410.8	425.0	437.7	449.1	450.5	449.1	447.6	449.1	439.1
-65°	348.5	354.2	361.2	376.8	391.0	403.7	410.8	415.1	422.1	429.2	419.3
-67.5°	306.0	313.1	321.6	332.9	344.2	352.7	362.7	374.0	385.3	396.6	389.6
-70°	267.7	273.4	280.5	286.2	293.2	298.9	307.4	320.2	332.9	344.2	341.4
-72.5°	228.1	233.7	238.0	240.8	245.1	247.9	252.2	263.5	272.0	277.7	277.7
-75°	188.4	194.1	198.3	199.7	202.6	204.0	206.8	211.1	215.3	216.7	218.2
-77.5°	144.5	150.2	154.4	157.2	160.1	162.9	164.3	167.2	168.6	168.6	170.0
-80°	107.7	111.9	114.7	119.0	120.4	123.2	126.1	127.5	128.9	128.9	130.3
-82.5°	76.5	79.3	82.2	85.0	87.8	89.2	92.1	93.5	94.9	96.3	97.7
-85°	51.0	53.8	56.7	59.5	60.9	62.3	63.7	65.2	66.6	68.0	69.4
-87.5°	29.7	31.2	32.6	35.4	36.8	39.7	41.1	39.7	41.1	41.1	41.1
-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°	55.2	55.2	55.2	55.2	53.8	51.0	49.6	46.7	43.9	41.1	38.2
85°	114.7	116.2	116.2	116.2	113.3	111.9	107.7	103.4	97.7	89.2	82.2
82.5°	191.2	192.7	192.7	191.2	188.4	184.2	178.5	171.4	160.1	148.7	138.8
80°	287.6	289.0	289.0	287.6	280.5	273.4	266.3	257.8	243.7	228.1	211.1
77.5°	402.3	405.1	405.1	400.9	391.0	382.5	371.2	357.0	335.7	313.1	290.4
75°	535.5	542.6	544.0	539.7	527.0	511.4	493.0	468.9	436.3	408.0	381.1
72.5°	689.9	697.0	702.6	697.0	678.6	657.3	630.4	602.1	569.5	531.2	485.9
70°	892.5	899.5	903.8	885.4	852.8	817.4	784.8	752.2	714.0	667.2	617.6
67.5°	1147.5	1140.4	1131.9	1095.0	1054.0	1011.5	966.1	918.0	868.4	818.8	760.7
65°	1392.5	1372.7	1354.3	1310.4	1257.9	1202.7	1150.3	1096.5	1037.0	974.6	919.4
62.5°	1650.3	1607.8	1562.5	1508.7	1454.9	1393.9	1341.5	1277.8	1211.2	1134.7	1063.9
60°	1903.9	1852.9	1807.6	1741.0	1670.2	1588.0	1531.4	1469.0	1391.1	1308.9	1225.4
57.5°	2149.0	2093.7	2044.2	1986.1	1909.6	1820.3	1758.0	1677.3	1595.1	1491.7	1406.7
55°	2409.6	2354.4	2314.7	2249.6	2166.0	2083.8	2015.8	1930.8	1816.1	1705.6	1600.8
52.5°	2708.6	2664.6	2622.1	2555.6	2455.0	2371.4	2296.3	2201.4	2081.0	1945.0	1818.9
50°	3042.9	3020.2	2974.9	2897.0	2782.2	2708.6	2609.4	2483.3	2354.4	2211.3	2054.1
47.5°	3486.3	3449.4	3385.7	3300.7	3204.4	3093.9	2960.7	2813.4	2630.6	2472.0	2304.8
45°	4016.1	3948.1	3865.9	3751.2	3632.2	3507.5	3361.6	3174.6	2929.5	2722.7	2547.1
42.5°	4589.8	4497.7	4385.8	4235.7	4081.2	3928.2	3771.0	3516.0	3210.0	2972.0	2773.7
40°	5189.0	5071.4	4931.2	4713.0	4541.6	4344.7	4164.8	3783.8	3457.9	3200.1	2989.0
37.5°	5775.5	5626.8	5391.6	5126.7	4927.0	4765.5	4370.2	3962.2	3670.4	3387.1	3173.2
35°	6224.6	6098.5	5683.4	5408.6	5237.2	4982.2	4487.8	4069.9	3761.1	3525.9	3193.0
32.5°	6490.9	6165.1	5801.0	5523.3	5381.7	4963.8	4496.3	4101.1	3803.6	3540.1	3142.0
30°	6431.4	6037.6	5718.8	5486.5	5179.1	4803.7	4417.0	4052.9	3763.9	3445.2	3085.4
27.5°	6073.0	5768.4	5483.7	5241.4	4939.7	4602.6	4245.6	3925.4	3656.3	3347.4	3007.5
25°	5667.8	5391.6	5180.5	4969.5	4683.3	4361.7	4047.2	3816.3	3545.8	3241.2	2905.5
22.5°	5295.3	5096.9	4931.2	4710.2	4431.1	4150.7	3955.2	3715.8	3438.1	3129.3	2800.6
20°	5057.3	4922.7	4732.9	4489.2	4269.7	4094.0	3877.3	3623.7	3337.5	3014.5	2711.4
17.5°	4942.5	4786.7	4575.6	4417.0	4248.4	4055.7	3813.5	3544.3	3239.8	2962.1	2721.3
15°	4883.0	4718.7	4579.9	4424.1	4234.2	4031.7	3762.5	3483.4	3239.8	2983.4	2728.4
12.5°	4895.8	4754.1	4602.6	4432.6	4228.6	4011.8	3768.2	3508.9	3256.8	2999.0	2729.8
10°	4935.5	4786.7	4625.2	4436.8	4231.4	4017.5	3783.8	3524.5	3265.3	3006.0	2727.0
7.5°	4949.6	4788.1	4615.3	4425.5	4224.3	4014.7	3786.6	3528.8	3266.7	3004.6	2718.5
5°	4905.7	4759.8	4592.6	4401.4	4204.5	4000.5	3775.3	3523.1	3255.4	2990.5	2697.2
2.5°	4846.2	4728.6	4568.6	4384.4	4184.7	3980.7	3756.8	3497.6	3229.9	2965.0	2670.3
0°	4836.3	4690.4	4528.9	4364.6	4152.1	3936.7	3714.3	3449.4	3183.1	2916.8	2623.6
-2.5°	4771.1	4616.7	4455.2	4276.7	4089.7	3873.0	3639.3	3380.0	3116.5	2854.5	2572.6
-5°	4721.5	4550.1	4378.7	4186.1	3997.7	3780.9	3538.7	3286.5	3028.7	2773.7	2501.7
-7.5°	4655.0	4479.3	4299.4	4098.2	3894.3	3673.3	3433.9	3181.7	2928.1	2674.6	2413.9
-10°	4520.4	4366.0	4197.4	3989.2	3773.8	3552.8	3314.9	3067.0	2813.4	2557.0	2294.9
-12.5°	4357.5	4194.6	4010.4	3819.2	3626.5	3421.1	3183.1	2939.5	2684.5	2426.6	2166.0
-15°	4146.4	3986.3	3797.9	3610.9	3425.4	3228.4	3018.8	2799.2	2540.0	2286.4	2025.7
-17.5°	3882.9	3732.8	3564.2	3385.7	3201.5	3003.2	2799.2	2613.6	2371.4	2133.4	1875.6
-20°	3599.6	3459.4	3307.8	3139.2	2955.0	2761.0	2568.3	2374.2	2164.6	1954.9	1715.5



REPORT NUMBER: P722311  
 CATALOG NUMBER: IFLD-S-SA2E-940-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3304.9	3163.3	3010.3	2853.0	2683.1	2503.1	2324.7	2139.1	1954.9	1765.1	1562.5
-25°	2965.0	2840.3	2700.1	2547.1	2395.5	2238.2	2068.2	1899.7	1742.4	1578.1	1412.4
-27.5°	2609.4	2494.6	2367.1	2234.0	2103.7	1971.9	1824.6	1668.8	1538.4	1402.4	1265.0
-30°	2235.4	2143.3	2039.9	1923.8	1823.2	1716.9	1593.7	1464.8	1345.8	1242.4	1131.9
-32.5°	1881.3	1803.3	1729.7	1653.2	1554.0	1471.9	1386.9	1291.9	1187.1	1089.4	1010.0
-35°	1576.7	1493.1	1461.9	1405.3	1334.4	1262.2	1199.9	1131.9	1052.5	966.1	901.0
-37.5°	1320.3	1270.7	1226.8	1195.6	1148.9	1090.8	1041.2	991.6	930.7	865.5	800.4
-40°	1120.5	1086.5	1038.4	1022.8	993.0	953.4	902.4	864.1	823.0	773.5	718.2
-42.5°	960.5	935.0	903.8	876.9	864.1	835.8	796.1	759.3	726.7	692.7	650.2
-45°	828.7	811.7	791.9	767.8	757.9	735.2	706.9	665.8	647.4	619.1	587.9
-47.5°	722.5	714.0	699.8	684.2	670.1	653.1	627.6	602.1	576.6	558.1	534.1
-50°	638.9	633.2	624.7	612.0	593.6	582.2	565.2	542.6	518.5	502.9	485.9
-52.5°	572.3	566.6	561.0	551.1	536.9	525.6	511.4	493.0	473.1	457.6	443.4
-55°	521.3	512.8	508.6	500.1	488.7	476.0	463.2	450.5	433.5	419.3	405.1
-57.5°	481.6	470.3	464.6	457.6	446.2	433.5	423.6	410.8	399.5	383.9	371.2
-60°	450.5	437.7	426.4	419.3	409.4	396.6	386.7	376.8	365.5	352.7	337.2
-62.5°	425.0	409.4	393.8	385.3	375.4	364.1	354.2	344.2	332.9	320.2	306.0
-65°	400.9	382.5	362.7	354.2	344.2	332.9	320.2	313.1	303.2	291.8	277.7
-67.5°	371.2	351.3	334.3	324.4	314.5	304.6	293.2	286.2	276.2	262.1	247.9
-70°	327.2	314.5	303.2	294.7	286.2	277.7	266.3	255.0	243.7	230.9	218.2
-72.5°	272.0	267.7	266.3	262.1	252.2	242.2	230.9	219.6	209.7	199.7	189.8
-75°	219.6	222.4	225.2	223.8	213.9	204.0	194.1	184.2	177.1	168.6	160.1
-77.5°	174.2	177.1	179.9	179.9	172.8	167.2	160.1	153.0	147.3	140.2	131.7
-80°	134.6	138.8	143.1	145.9	140.2	136.0	130.3	124.7	119.0	113.3	107.7
-82.5°	102.0	106.2	110.5	113.3	109.1	106.2	102.0	97.7	93.5	87.8	83.6
-85°	73.7	76.5	79.3	80.7	77.9	75.1	72.2	69.4	66.6	62.3	59.5
-87.5°	42.5	43.9	45.3	46.7	43.9	41.1	39.7	36.8	35.4	32.6	31.2
-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-SA2E-940-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°	35.4	32.6	29.7	28.3	25.5	21.2	18.4	15.6	12.7	9.9	8.5
85°	75.1	68.0	59.5	55.2	49.6	43.9	38.2	32.6	26.9	21.2	15.6
82.5°	128.9	120.4	111.9	102.0	89.2	73.7	58.1	48.2	39.7	31.2	24.1
80°	194.1	178.5	164.3	151.6	137.4	117.6	96.3	76.5	53.8	41.1	31.2
77.5°	269.2	250.7	230.9	209.7	187.0	160.1	136.0	110.5	83.6	56.7	39.7
75°	354.2	330.1	303.2	273.4	243.7	208.2	174.2	144.5	113.3	79.3	48.2
72.5°	449.1	419.3	386.7	347.1	300.3	259.2	218.2	178.5	141.7	100.6	65.2
70°	570.9	524.1	476.0	433.5	374.0	308.8	260.7	215.3	168.6	123.2	82.2
67.5°	701.2	644.6	586.5	524.1	449.1	372.6	303.2	252.2	196.9	144.5	97.7
65°	842.9	772.1	698.4	629.0	525.6	434.9	357.0	287.6	223.8	164.3	113.3
62.5°	988.8	905.2	820.2	729.6	610.6	498.6	408.0	327.2	249.3	182.7	127.5
60°	1144.6	1046.9	943.5	830.1	691.3	568.1	456.1	368.3	276.2	201.2	143.1
57.5°	1308.9	1202.7	1080.9	927.9	774.9	634.6	511.4	405.1	300.3	218.2	154.4
55°	1487.4	1365.6	1232.4	1029.9	857.0	701.2	566.6	442.0	325.8	232.3	165.7
52.5°	1680.1	1538.4	1369.9	1137.5	943.5	769.2	617.6	474.6	349.9	247.9	175.7
50°	1895.4	1716.9	1490.3	1236.7	1018.5	833.0	668.6	510.0	369.7	264.9	184.2
47.5°	2119.2	1926.6	1597.9	1328.8	1095.0	895.3	721.1	541.1	389.6	279.1	192.7
45°	2353.0	2072.5	1709.8	1410.9	1161.6	952.0	760.7	569.5	413.6	291.8	199.7
42.5°	2583.9	2183.0	1807.6	1493.1	1223.9	1003.0	793.3	596.4	433.5	304.6	206.8
40°	2693.0	2266.6	1885.5	1549.8	1276.4	1048.3	821.6	620.5	450.5	313.1	213.9
37.5°	2738.3	2317.6	1936.5	1603.6	1317.4	1072.4	845.7	641.7	464.6	321.6	219.6
35°	2748.2	2336.0	1962.0	1640.4	1351.4	1095.0	864.1	657.3	476.0	330.1	225.2
32.5°	2729.8	2330.3	1969.1	1653.2	1372.7	1112.0	876.9	668.6	484.5	338.6	230.9
30°	2688.7	2300.6	1943.6	1651.8	1388.3	1122.0	885.4	677.1	493.0	344.2	233.7
27.5°	2622.1	2248.2	1911.0	1653.2	1396.8	1126.2	889.6	681.4	498.6	348.5	239.4
25°	2540.0	2177.3	1912.4	1650.3	1398.2	1127.6	889.6	681.4	500.1	349.9	243.7
22.5°	2445.1	2177.3	1912.4	1646.1	1389.7	1124.8	885.4	678.6	500.1	352.7	247.9
20°	2450.7	2178.7	1908.2	1637.6	1376.9	1116.3	875.5	671.5	495.8	357.0	250.7
17.5°	2455.0	2175.9	1899.7	1626.3	1359.9	1102.1	862.7	661.6	495.8	361.2	252.2
15°	2455.0	2167.4	1886.9	1609.3	1338.7	1082.3	844.3	653.1	497.2	362.7	255.0
12.5°	2450.7	2151.8	1867.1	1586.6	1313.2	1058.2	833.0	650.2	497.2	364.1	255.0
10°	2442.2	2130.6	1841.6	1558.3	1289.1	1049.7	827.3	644.6	494.4	364.1	255.0
7.5°	2426.6	2105.1	1820.3	1541.3	1274.9	1039.8	818.8	636.1	490.1	361.2	257.8
5°	2402.6	2090.9	1803.3	1521.4	1255.1	1032.7	813.1	629.0	487.3	361.2	255.0
2.5°	2371.4	2073.9	1783.5	1495.9	1232.4	1008.6	794.7	613.4	477.4	355.6	252.2
0°	2320.4	2039.9	1749.5	1460.5	1201.3	984.5	776.3	597.8	467.5	349.9	249.3
-2.5°	2273.7	1994.6	1705.6	1423.7	1171.5	963.3	762.1	589.3	463.2	348.5	247.9
-5°	2208.5	1932.3	1647.5	1375.5	1131.9	942.0	748.0	579.4	459.0	345.7	247.9
-7.5°	2136.2	1867.1	1586.6	1325.9	1092.2	905.2	721.1	563.8	449.1	340.0	246.5
-10°	2024.3	1769.3	1510.1	1269.3	1049.7	872.6	698.4	549.6	440.6	334.3	240.8
-12.5°	1905.3	1661.7	1422.3	1199.9	1001.5	838.6	672.9	534.1	430.6	328.7	238.0
-15°	1779.3	1551.2	1330.2	1127.6	949.1	797.5	646.0	517.1	420.7	321.6	233.7
-17.5°	1647.5	1435.0	1235.3	1054.0	896.7	755.1	617.6	501.5	409.4	314.5	229.5
-20°	1508.7	1316.0	1139.0	978.9	841.5	712.6	587.9	483.1	396.6	306.0	223.8



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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1371.3	1198.4	1039.8	905.2	784.8	668.6	558.1	464.6	382.5	296.1	219.6
-25°	1249.4	1088.0	952.0	834.4	729.6	626.1	527.0	446.2	366.9	286.2	213.9
-27.5°	1130.5	993.0	865.5	767.8	675.7	585.1	497.2	426.4	351.3	274.8	208.2
-30°	1020.0	902.4	797.5	702.6	624.7	548.2	471.7	406.6	334.3	263.5	201.2
-32.5°	919.4	824.5	736.6	646.0	576.6	511.4	447.6	386.7	317.3	252.2	194.1
-35°	825.9	752.2	675.7	599.2	528.4	477.4	422.1	365.5	301.7	239.4	187.0
-37.5°	742.3	682.8	621.9	556.7	495.8	444.8	398.1	344.2	286.2	228.1	179.9
-40°	670.1	621.9	568.1	515.6	464.6	416.5	374.0	323.0	270.6	219.6	172.8
-42.5°	603.5	566.6	522.7	478.8	433.5	391.0	349.9	300.3	255.0	209.7	165.7
-45°	552.5	515.6	480.2	440.6	402.3	365.5	324.4	280.5	240.8	198.3	158.7
-47.5°	504.3	471.7	439.1	406.6	375.4	341.4	300.3	263.5	225.2	188.4	153.0
-50°	461.8	430.6	402.3	374.0	347.1	314.5	276.2	246.5	212.5	178.5	145.9
-52.5°	422.1	395.2	366.9	344.2	321.6	289.0	257.8	229.5	199.7	167.2	138.8
-55°	386.7	361.2	335.7	314.5	293.2	264.9	239.4	215.3	187.0	158.7	131.7
-57.5°	352.7	331.5	307.4	287.6	266.3	243.7	222.4	199.7	174.2	150.2	124.7
-60°	321.6	301.7	280.5	260.7	242.2	223.8	204.0	185.6	162.9	140.2	117.6
-62.5°	290.4	273.4	255.0	235.2	221.0	204.0	188.4	170.0	151.6	131.7	104.8
-65°	262.1	246.5	229.5	212.5	199.7	187.0	172.8	155.8	140.2	121.8	93.5
-67.5°	233.7	219.6	205.4	191.2	179.9	170.0	155.8	143.1	130.3	110.5	82.2
-70°	206.8	195.5	182.7	171.4	162.9	151.6	141.7	130.3	119.0	96.3	69.4
-72.5°	181.3	170.0	160.1	151.6	144.5	134.6	126.1	117.6	102.0	80.7	58.1
-75°	151.6	144.5	138.8	131.7	124.7	117.6	110.5	100.6	85.0	65.2	45.3
-77.5°	124.7	120.4	116.2	110.5	104.8	99.2	90.7	80.7	68.0	51.0	36.8
-80°	102.0	97.7	94.9	89.2	85.0	79.3	70.8	62.3	49.6	39.7	29.7
-82.5°	77.9	75.1	72.2	69.4	65.2	59.5	51.0	43.9	36.8	29.7	22.7
-85°	55.2	53.8	51.0	48.2	43.9	39.7	34.0	29.7	25.5	19.8	15.6
-87.5°	28.3	26.9	25.5	24.1	22.7	19.8	17.0	14.2	12.7	9.9	7.1
-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°	5.7	4.2	1.4	0.0
85°	11.3	7.1	2.8	0.0
82.5°	17.0	11.3	4.2	0.0
80°	22.7	14.2	7.1	0.0
77.5°	28.3	17.0	8.5	0.0
75°	34.0	21.2	9.9	0.0
72.5°	38.2	24.1	11.3	0.0
70°	45.3	28.3	12.7	0.0
67.5°	56.7	31.2	14.2	0.0
65°	66.6	34.0	15.6	0.0
62.5°	77.9	36.8	17.0	0.0
60°	87.8	39.7	18.4	0.0
57.5°	97.7	46.7	19.8	0.0
55°	106.2	52.4	21.2	0.0
52.5°	116.2	58.1	22.7	0.0
50°	124.7	63.7	24.1	0.0
47.5°	131.7	69.4	24.1	0.0
45°	137.4	73.7	25.5	0.0
42.5°	141.7	77.9	26.9	0.0
40°	145.9	82.2	28.3	0.0
37.5°	150.2	86.4	28.3	0.0
35°	154.4	90.7	29.7	0.0
32.5°	158.7	94.9	29.7	0.0
30°	161.5	97.7	31.2	0.0
27.5°	165.7	100.6	31.2	0.0
25°	167.2	103.4	32.6	0.0
22.5°	170.0	104.8	32.6	0.0
20°	172.8	107.7	32.6	0.0
17.5°	174.2	109.1	34.0	0.0
15°	174.2	110.5	35.4	0.0
12.5°	175.7	111.9	35.4	0.0
10°	175.7	114.7	34.0	0.0
7.5°	178.5	113.3	34.0	0.0
5°	177.1	113.3	34.0	0.0
2.5°	175.7	111.9	34.0	0.0
0°	174.2	111.9	34.0	0.0
-2.5°	174.2	111.9	34.0	0.0
-5°	174.2	111.9	34.0	0.0
-7.5°	172.8	113.3	34.0	0.0
-10°	170.0	113.3	34.0	0.0
-12.5°	168.6	109.1	34.0	0.0
-15°	167.2	107.7	34.0	0.0
-17.5°	164.3	106.2	32.6	0.0
-20°	161.5	104.8	32.6	0.0



REPORT NUMBER: P722311

CATALOG NUMBER: IFLD-S-SA2E-940-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	158.7	102.0	32.6	0.0
-25°	155.8	99.2	31.2	0.0
-27.5°	153.0	96.3	31.2	0.0
-30°	148.7	93.5	29.7	0.0
-32.5°	144.5	90.7	29.7	0.0
-35°	141.7	86.4	28.3	0.0
-37.5°	137.4	82.2	28.3	0.0
-40°	133.2	77.9	26.9	0.0
-42.5°	128.9	73.7	25.5	0.0
-45°	123.2	69.4	25.5	0.0
-47.5°	119.0	65.2	24.1	0.0
-50°	111.9	59.5	22.7	0.0
-52.5°	103.4	53.8	21.2	0.0
-55°	94.9	49.6	19.8	0.0
-57.5°	86.4	43.9	19.8	0.0
-60°	77.9	38.2	18.4	0.0
-62.5°	69.4	35.4	17.0	0.0
-65°	60.9	32.6	15.6	0.0
-67.5°	51.0	28.3	14.2	0.0
-70°	42.5	25.5	12.7	0.0
-72.5°	36.8	22.7	11.3	0.0
-75°	31.2	19.8	9.9	0.0
-77.5°	26.9	17.0	8.5	0.0
-80°	21.2	12.7	5.7	0.0
-82.5°	15.6	9.9	4.2	0.0
-85°	9.9	7.1	2.8	0.0
-87.5°	5.7	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)