

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: P722274

Luminaire Tested: **IFLD-L-SA8A-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722274  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8A-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

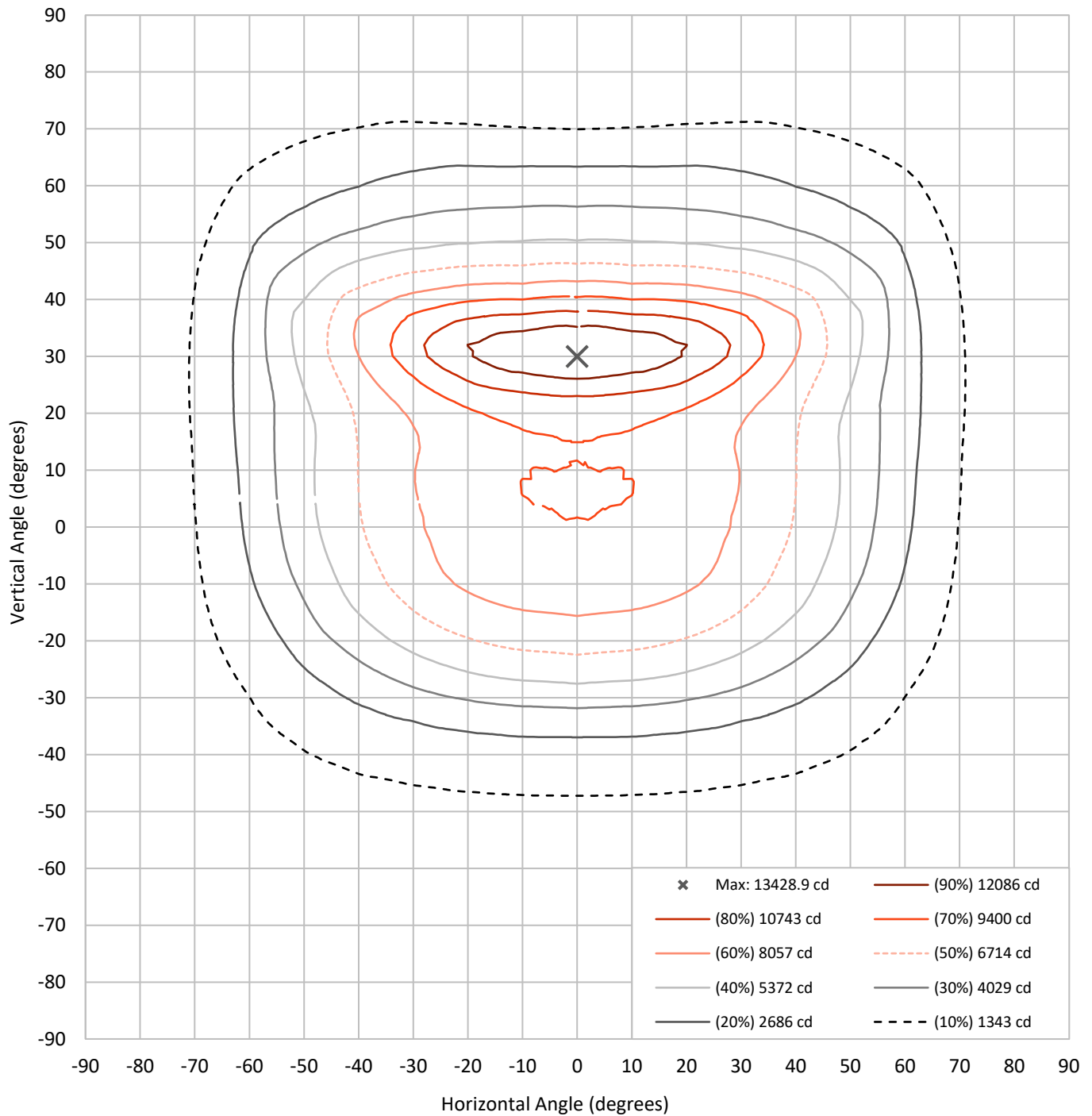
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	22416.2 lumens	Max Intensity:	13428.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13035.3 lumens	Field Lumens:	21006.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 247.8  
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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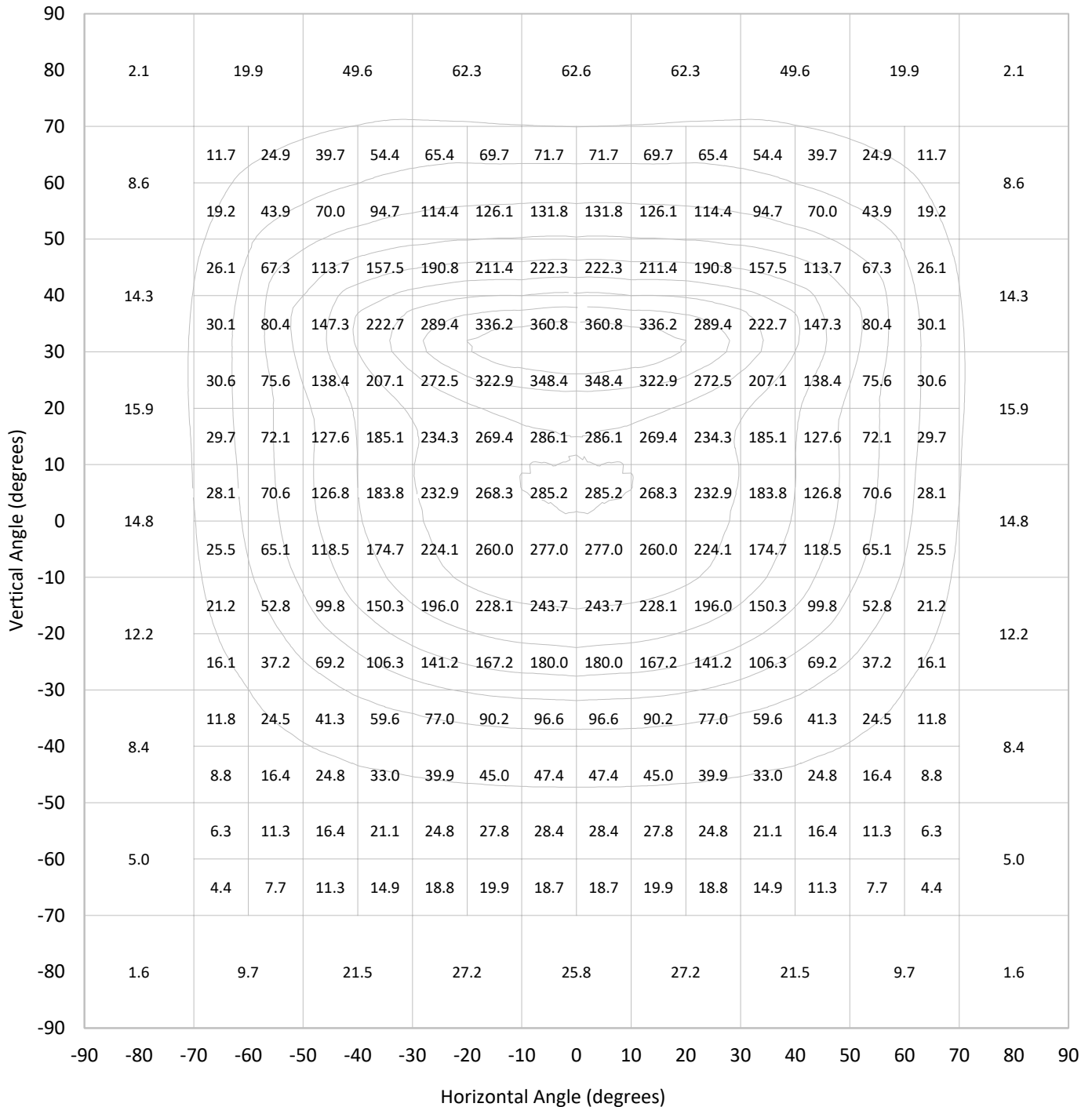
### Iso-Candela Plot





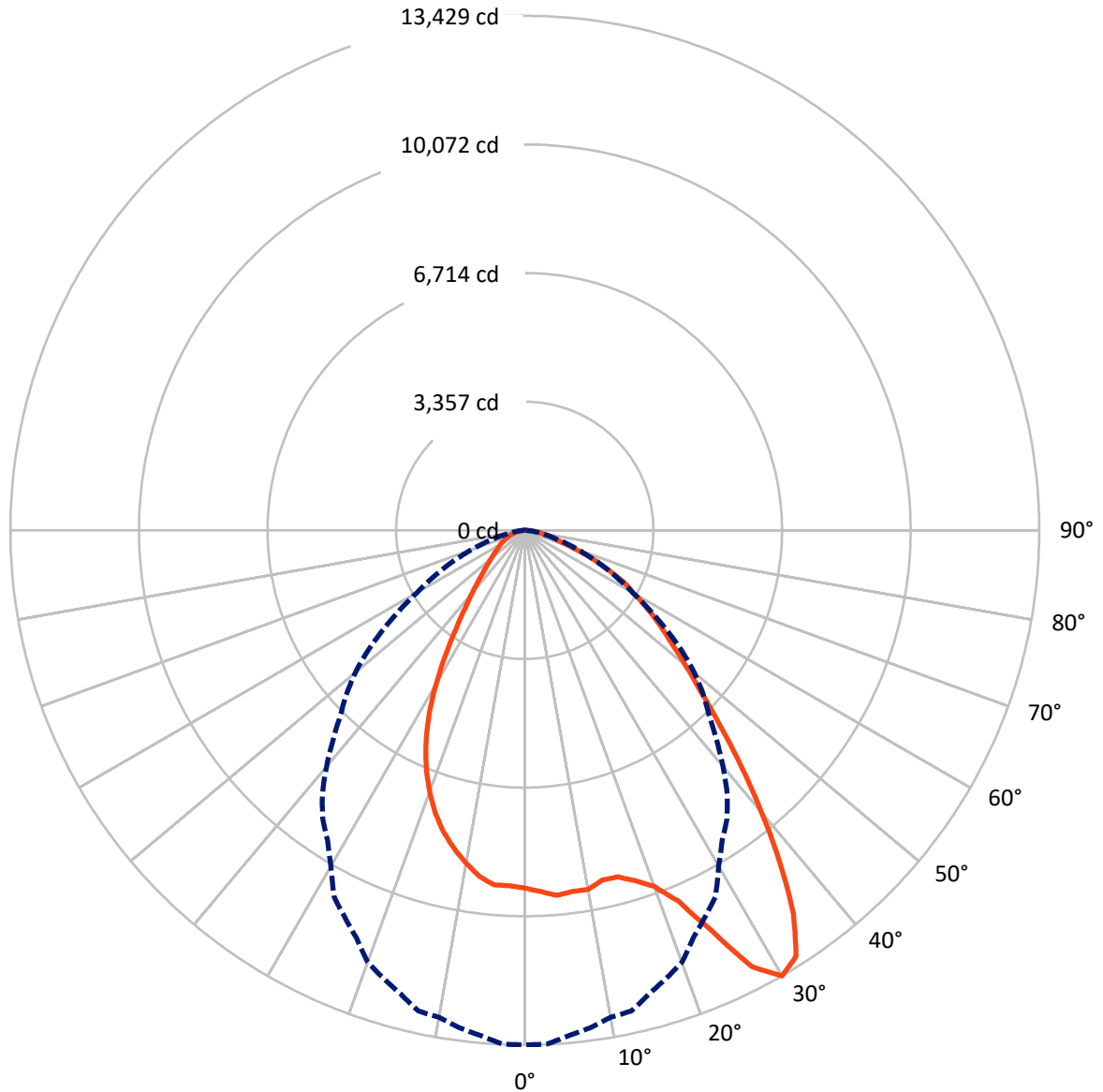
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### Lumen Table



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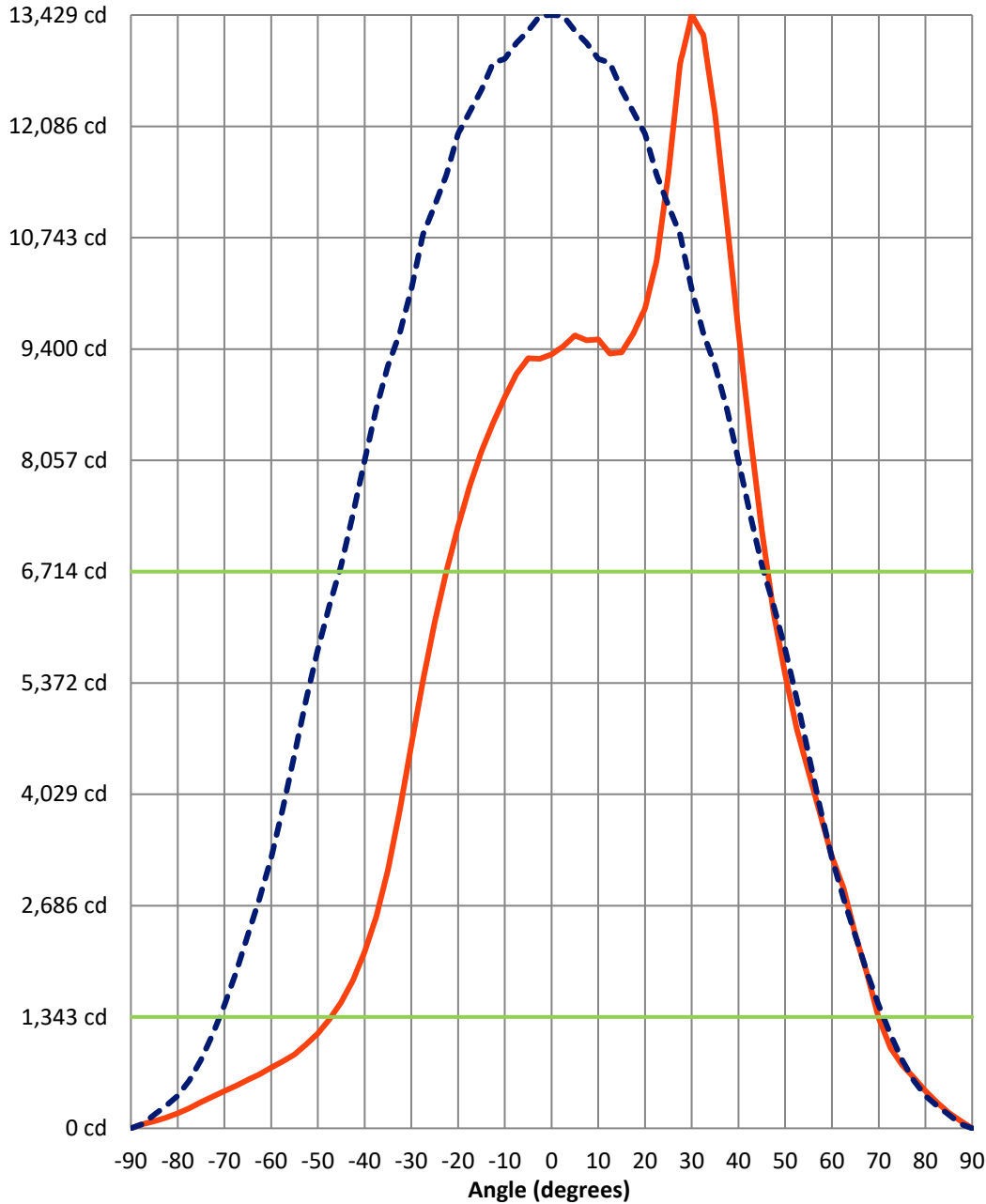
### Luminous Intensity Polar Plot



— 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: 13035.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 21006.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1409.3  
 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°	90.2	92.6	95.0	95.0	92.6	92.6	92.6	90.2	92.6	92.6	92.6
85°	187.6	192.4	197.1	194.7	192.4	187.6	182.9	185.2	187.6	190.0	190.0
82.5°	311.1	318.2	323.0	320.6	315.8	311.1	306.3	308.7	313.5	315.8	315.8
80°	451.2	453.6	455.9	460.7	453.6	453.6	451.2	460.7	465.4	470.2	474.9
77.5°	612.7	615.0	615.0	617.4	619.8	622.2	622.2	638.8	650.7	657.8	664.9
75°	764.7	771.8	778.9	786.0	795.5	800.3	807.4	831.1	850.1	864.4	878.6
72.5°	973.6	983.1	995.0	1011.6	1028.2	1040.1	1056.7	1085.2	1106.6	1120.9	1137.5
70°	1332.2	1341.7	1353.6	1365.4	1382.1	1393.9	1410.6	1446.2	1467.6	1477.1	1486.6
67.5°	1864.1	1887.9	1909.3	1885.5	1873.6	1857.0	1861.8	1895.0	1916.4	1930.6	1928.3
65°	2336.7	2353.3	2353.3	2350.9	2341.4	2320.1	2331.9	2372.3	2396.1	2407.9	2372.3
62.5°	2892.4	2892.4	2880.5	2899.5	2901.9	2887.6	2880.5	2882.9	2885.3	2892.4	2833.0
60°	3277.1	3300.8	3307.9	3324.6	3329.3	3329.3	3341.2	3350.7	3350.7	3336.4	3267.6
57.5°	3785.3	3830.4	3839.9	3828.0	3804.3	3773.4	3768.6	3754.4	3725.9	3697.4	3664.2
55°	4298.2	4321.9	4319.6	4312.4	4288.7	4253.1	4257.8	4238.8	4193.7	4158.1	4113.0
52.5°	4813.5	4870.5	4880.0	4865.7	4832.5	4794.5	4796.9	4775.5	4730.4	4692.4	4630.7
50°	5471.3	5518.8	5514.0	5490.3	5442.8	5414.3	5416.7	5376.3	5324.1	5312.2	5231.4
47.5°	6224.1	6278.7	6269.2	6235.9	6171.8	6160.0	6171.8	6119.6	6088.7	6062.6	5967.6
45°	7211.9	7276.1	7240.4	7176.3	7074.2	7086.1	7102.7	7093.2	7026.7	6957.8	6836.7
42.5°	8370.8	8411.2	8368.4	8304.3	8176.1	8199.8	8190.3	8133.3	8093.0	7979.0	7824.6
40°	9610.4	9698.2	9631.8	9532.0	9399.0	9434.7	9408.5	9334.9	9239.9	9097.4	8902.7
37.5°	10947.3	11016.2	10940.2	10823.8	10705.1	10693.2	10641.0	10527.0	10391.7	10234.9	9923.8
35°	12227.3	12405.4	12265.3	12080.1	11935.2	11880.6	11830.7	11567.1	11412.8	11158.7	10733.6
32.5°	13179.5	13310.2	13136.8	12944.5	12768.7	12692.7	12517.0	12203.5	12120.4	11586.1	11196.7
30°	13428.9	13419.4	13238.9	13091.7	12901.7	12849.5	12526.5	12260.5	11994.6	11500.6	11130.2
27.5°	12835.2	12775.8	12602.5	12474.3	12286.7	12224.9	11906.7	11764.2	11353.4	10935.5	10622.0
25°	11512.5	11543.4	11412.8	11348.7	11225.2	11092.2	10966.3	10774.0	10517.5	10151.8	9864.5
22.5°	10470.0	10510.4	10455.8	10379.8	10284.8	10211.2	10116.2	9966.6	9719.6	9494.0	9223.3
20°	9890.6	9878.7	9831.2	9774.2	9684.0	9631.8	9527.3	9401.4	9211.4	9016.7	8724.6
17.5°	9586.6	9513.0	9467.9	9446.5	9399.0	9332.5	9209.1	9080.8	8933.6	8712.7	8499.0
15°	9361.0	9372.9	9337.3	9320.7	9282.7	9190.1	9064.2	8959.7	8760.2	8648.6	8453.9
12.5°	9346.8	9334.9	9337.3	9330.2	9282.7	9163.9	9099.8	8966.8	8838.6	8691.4	8468.2
10°	9515.4	9389.5	9399.0	9432.3	9356.3	9261.3	9192.4	9047.6	8926.5	8738.9	8518.0
7.5°	9505.9	9441.8	9460.8	9406.2	9429.9	9313.5	9218.6	9073.7	8921.7	8722.2	8522.8
5°	9562.9	9465.5	9448.9	9453.7	9394.3	9306.4	9178.2	9040.5	8898.0	8674.8	8470.5
2.5°	9432.3	9446.5	9370.5	9342.0	9334.9	9187.7	9069.0	8936.0	8788.7	8591.6	8408.8
0°	9334.9	9361.0	9282.7	9242.3	9239.9	9114.1	9038.1	8886.1	8781.6	8617.8	8396.9
-2.5°	9282.7	9313.5	9323.0	9249.4	9178.2	9080.8	8952.6	8788.7	8617.8	8427.8	8237.8
-5°	9287.4	9225.7	9199.6	9223.3	9161.6	9064.2	8921.7	8776.9	8608.3	8404.0	8166.6
-7.5°	9099.8	9038.1	9033.3	9021.5	9007.2	8914.6	8795.9	8639.1	8468.2	8278.2	8057.3
-10°	8819.6	8774.5	8762.6	8750.7	8712.7	8658.1	8546.5	8404.0	8249.7	8059.7	7824.6
-12.5°	8508.5	8487.2	8442.0	8411.2	8373.2	8309.0	8202.2	8071.6	7917.2	7748.6	7546.8
-15°	8164.2	8123.8	8078.7	8052.6	7998.0	7922.0	7815.1	7694.0	7525.4	7359.2	7169.2
-17.5°	7748.6	7698.8	7648.9	7641.8	7603.8	7487.4	7387.7	7240.4	7093.2	6934.1	6748.9
-20°	7259.4	7190.6	7157.3	7138.3	7086.1	7000.6	6893.7	6758.4	6615.9	6463.9	6250.2



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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°	6718.0	6658.6	6601.6	6566.0	6520.9	6454.4	6352.3	6233.6	6093.5	5922.5	5725.4
-25°	6103.0	6019.8	5984.2	5943.9	5920.1	5858.4	5758.6	5649.4	5504.5	5338.3	5150.7
-27.5°	5400.1	5333.6	5314.6	5257.6	5229.1	5165.0	5081.8	4979.7	4846.7	4690.0	4535.7
-30°	4623.5	4583.2	4552.3	4495.3	4473.9	4405.1	4350.4	4264.9	4143.8	4032.2	3908.7
-32.5°	3825.6	3785.3	3775.8	3749.6	3735.4	3690.3	3628.5	3566.8	3469.4	3386.3	3286.6
-35°	3118.0	3089.5	3091.8	3089.5	3075.2	3042.0	2966.0	2949.4	2878.1	2802.1	2738.0
-37.5°	2552.8	2555.2	2552.8	2550.4	2531.4	2517.2	2462.6	2441.2	2398.4	2324.8	2286.8
-40°	2127.7	2132.5	2130.1	2125.4	2104.0	2096.9	2061.2	2032.7	2016.1	1963.9	1923.5
-42.5°	1783.4	1790.5	1788.1	1785.8	1771.5	1769.1	1750.1	1716.9	1707.4	1676.5	1633.8
-45°	1522.2	1519.8	1515.1	1519.8	1512.7	1505.6	1493.7	1472.3	1460.4	1446.2	1410.6
-47.5°	1315.6	1318.0	1313.2	1313.2	1303.7	1296.6	1291.8	1277.6	1268.1	1256.2	1234.8
-50°	1144.6	1154.1	1151.7	1149.4	1142.2	1137.5	1137.5	1123.2	1109.0	1104.2	1090.0
-52.5°	1011.6	1018.7	1021.1	1025.9	1028.2	1030.6	1023.5	1009.2	985.5	983.1	976.0
-55°	890.5	911.9	926.1	935.6	945.1	952.3	938.0	919.0	895.3	885.8	883.4
-57.5°	807.4	828.8	845.4	859.6	871.5	883.4	869.1	850.1	828.8	816.9	814.5
-60°	731.4	750.4	767.0	786.0	802.6	821.6	814.5	800.3	788.4	778.9	769.4
-62.5°	650.7	669.7	688.7	712.4	733.8	752.8	755.2	752.8	750.4	752.8	736.2
-65°	584.2	593.7	605.5	631.7	655.4	676.8	688.7	695.8	707.7	719.5	702.9
-67.5°	512.9	524.8	539.1	558.1	577.1	591.3	607.9	626.9	645.9	664.9	653.0
-70°	448.8	458.3	470.2	479.7	491.6	501.1	515.3	536.7	558.1	577.1	572.3
-72.5°	382.3	391.8	398.9	403.7	410.8	415.6	422.7	441.7	455.9	465.4	465.4
-75°	315.8	325.3	332.5	334.8	339.6	342.0	346.7	353.8	361.0	363.3	365.7
-77.5°	242.2	251.7	258.8	263.6	268.3	273.1	275.5	280.2	282.6	282.6	285.0
-80°	180.5	187.6	192.4	199.5	201.8	206.6	211.3	213.7	216.1	216.1	218.5
-82.5°	128.2	133.0	137.7	142.5	147.2	149.6	154.4	156.7	159.1	161.5	163.9
-85°	85.5	90.2	95.0	99.7	102.1	104.5	106.9	109.2	111.6	114.0	116.4
-87.5°	49.9	52.2	54.6	59.4	61.7	66.5	68.9	66.5	68.9	68.9	68.9
-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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**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°	92.6	92.6	92.6	92.6	90.2	85.5	83.1	78.4	73.6	68.9	64.1
85°	192.4	194.7	194.7	194.7	190.0	187.6	180.5	173.4	163.9	149.6	137.7
82.5°	320.6	323.0	323.0	320.6	315.8	308.7	299.2	287.3	268.3	249.3	232.7
80°	482.1	484.4	484.4	482.1	470.2	458.3	446.4	432.2	408.4	382.3	353.8
77.5°	674.4	679.2	679.2	672.0	655.4	641.2	622.2	598.4	562.8	524.8	486.8
75°	897.6	909.5	911.9	904.8	883.4	857.3	826.4	786.0	731.4	683.9	638.8
72.5°	1156.5	1168.3	1177.8	1168.3	1137.5	1101.9	1056.7	1009.2	954.6	890.5	814.5
70°	1496.1	1507.9	1515.1	1484.2	1429.6	1370.2	1315.6	1261.0	1196.8	1118.5	1035.4
67.5°	1923.5	1911.6	1897.4	1835.6	1766.8	1695.5	1619.5	1538.8	1455.7	1372.6	1275.2
65°	2334.3	2301.1	2270.2	2196.6	2108.7	2016.1	1928.3	1838.0	1738.3	1633.8	1541.2
62.5°	2766.5	2695.3	2619.3	2529.0	2438.8	2336.7	2248.8	2142.0	2030.4	1902.1	1783.4
60°	3191.6	3106.1	3030.1	2918.5	2799.8	2662.0	2567.0	2462.6	2331.9	2194.2	2054.1
57.5°	3602.4	3509.8	3426.7	3329.3	3201.1	3051.5	2947.0	2811.6	2673.9	2500.6	2358.1
55°	4039.4	3946.7	3880.2	3771.0	3630.9	3493.2	3379.2	3236.7	3044.4	2859.1	2683.4
52.5°	4540.4	4466.8	4395.6	4283.9	4115.3	3975.2	3849.4	3690.3	3488.4	3260.5	3049.1
50°	5100.8	5062.8	4986.9	4856.2	4663.9	4540.4	4374.2	4162.8	3946.7	3706.9	3443.3
47.5°	5844.1	5782.4	5675.5	5533.0	5371.6	5186.3	4963.1	4716.1	4409.8	4143.8	3863.6
45°	6732.3	6618.3	6480.5	6288.2	6088.7	5879.7	5635.1	5321.7	4910.9	4564.2	4269.7
42.5°	7694.0	7539.6	7352.0	7100.3	6841.5	6585.0	6321.4	5894.0	5381.1	4982.1	4649.6
40°	8698.5	8501.4	8266.3	7900.6	7613.3	7283.2	6981.6	6342.8	5796.6	5364.4	5010.6
37.5°	9681.6	9432.3	9038.1	8594.0	8259.2	7988.5	7325.9	6642.0	6152.8	5677.9	5319.3
35°	10434.4	10223.1	9527.3	9066.6	8779.2	8351.8	7523.0	6822.5	6304.8	5910.6	5352.6
32.5°	10880.8	10334.7	9724.4	9258.9	9021.5	8320.9	7537.3	6874.7	6376.1	5934.4	5267.1
30°	10781.1	10120.9	9586.6	9197.2	8681.9	8052.6	7404.3	6794.0	6309.6	5775.3	5172.1
27.5°	10180.3	9669.7	9192.4	8786.4	8280.6	7715.4	7117.0	6580.3	6129.1	5611.4	5041.5
25°	9501.1	9038.1	8684.3	8330.4	7850.7	7311.7	6784.5	6397.4	5943.9	5433.3	4870.5
22.5°	8876.6	8544.1	8266.3	7895.9	7428.0	6957.8	6630.1	6228.8	5763.4	5245.7	4694.8
20°	8477.7	8252.1	7933.8	7525.4	7157.3	6862.9	6499.5	6074.5	5594.8	5053.3	4545.2
17.5°	8285.3	8024.1	7670.3	7404.3	7121.7	6798.7	6392.7	5941.5	5430.9	4965.5	4561.8
15°	8185.6	7910.1	7677.4	7416.2	7098.0	6758.4	6307.2	5839.4	5430.9	5001.1	4573.7
12.5°	8206.9	7969.5	7715.4	7430.4	7088.5	6725.1	6316.7	5882.1	5459.4	5027.2	4576.0
10°	8273.4	8024.1	7753.4	7437.5	7093.2	6734.6	6342.8	5908.2	5473.7	5039.1	4571.3
7.5°	8297.2	8026.5	7736.7	7418.5	7081.3	6729.9	6347.6	5915.4	5476.0	5036.7	4557.0
5°	8223.6	7979.0	7698.8	7378.2	7048.1	6706.1	6328.6	5905.9	5457.0	5013.0	4521.4
2.5°	8123.8	7926.7	7658.4	7349.7	7014.8	6672.9	6297.7	5863.1	5414.3	4970.2	4476.3
0°	8107.2	7862.6	7591.9	7316.4	6960.2	6599.3	6226.4	5782.4	5335.9	4889.5	4397.9
-2.5°	7998.0	7739.1	7468.4	7169.2	6855.7	6492.4	6100.6	5666.0	5224.3	4785.0	4312.4
-5°	7914.9	7627.5	7340.2	7017.2	6701.4	6338.1	5932.0	5509.3	5077.1	4649.6	4193.7
-7.5°	7803.2	7508.8	7207.2	6870.0	6528.0	6157.6	5756.3	5333.6	4908.5	4483.4	4046.5
-10°	7577.6	7318.8	7036.2	6687.1	6326.2	5955.7	5556.8	5141.2	4716.1	4286.3	3847.0
-12.5°	7304.6	7031.5	6722.8	6402.2	6079.2	5734.9	5335.9	4927.5	4500.0	4067.8	3630.9
-15°	6950.7	6682.4	6366.6	6053.1	5742.0	5411.9	5060.5	4692.4	4257.8	3832.8	3395.8
-17.5°	6509.0	6257.3	5974.7	5675.5	5366.8	5034.3	4692.4	4381.3	3975.2	3576.3	3144.1
-20°	6034.1	5799.0	5544.9	5262.3	4953.6	4628.3	4305.3	3980.0	3628.5	3277.1	2875.8



REPORT NUMBER: P722274

CATALOG NUMBER: IFLD-L-SA8A-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°	5540.2	5302.7	5046.2	4782.6	4497.7	4196.1	3896.9	3585.8	3277.1	2958.9	2619.3
-25°	4970.2	4761.3	4526.2	4269.7	4015.6	3752.0	3467.1	3184.5	2920.9	2645.4	2367.6
-27.5°	4374.2	4181.8	3968.1	3744.9	3526.4	3305.6	3058.6	2797.4	2578.9	2350.9	2120.6
-30°	3747.3	3592.9	3419.6	3224.8	3056.2	2878.1	2671.5	2455.4	2256.0	2082.6	1897.4
-32.5°	3153.6	3023.0	2899.5	2771.3	2605.0	2467.3	2324.8	2165.7	1990.0	1826.1	1693.2
-35°	2643.0	2502.9	2450.7	2355.7	2237.0	2115.9	2011.4	1897.4	1764.4	1619.5	1510.3
-37.5°	2213.2	2130.1	2056.5	2004.2	1925.9	1828.5	1745.4	1662.3	1560.2	1450.9	1341.7
-40°	1878.4	1821.4	1740.6	1714.5	1664.7	1598.2	1512.7	1448.6	1379.7	1296.6	1204.0
-42.5°	1610.0	1567.3	1515.1	1469.9	1448.6	1401.1	1334.6	1272.8	1218.2	1161.2	1090.0
-45°	1389.2	1360.7	1327.5	1287.1	1270.5	1232.5	1185.0	1116.1	1085.2	1037.7	985.5
-47.5°	1211.1	1196.8	1173.1	1147.0	1123.2	1094.7	1052.0	1009.2	966.5	935.6	895.3
-50°	1071.0	1061.5	1047.2	1025.9	995.0	976.0	947.5	909.5	869.1	843.0	814.5
-52.5°	959.4	949.9	940.4	923.8	900.0	881.0	857.3	826.4	793.1	767.0	743.3
-55°	873.9	859.6	852.5	838.3	819.3	797.9	776.5	755.2	726.7	702.9	679.2
-57.5°	807.4	788.4	778.9	767.0	748.0	726.7	710.0	688.7	669.7	643.5	622.2
-60°	755.2	733.8	714.8	702.9	686.3	664.9	648.3	631.7	612.7	591.3	565.2
-62.5°	712.4	686.3	660.2	645.9	629.3	610.3	593.7	577.1	558.1	536.7	512.9
-65°	672.0	641.2	607.9	593.7	577.1	558.1	536.7	524.8	508.2	489.2	465.4
-67.5°	622.2	588.9	560.4	543.8	527.2	510.6	491.6	479.7	463.1	439.3	415.6
-70°	548.6	527.2	508.2	493.9	479.7	465.4	446.4	427.4	408.4	387.1	365.7
-72.5°	455.9	448.8	446.4	439.3	422.7	406.1	387.1	368.1	351.5	334.8	318.2
-75°	368.1	372.8	377.6	375.2	358.6	342.0	325.3	308.7	296.8	282.6	268.3
-77.5°	292.1	296.8	301.6	301.6	289.7	280.2	268.3	256.5	247.0	235.1	220.8
-80°	225.6	232.7	239.8	244.6	235.1	228.0	218.5	209.0	199.5	190.0	180.5
-82.5°	171.0	178.1	185.2	190.0	182.9	178.1	171.0	163.9	156.7	147.2	140.1
-85°	123.5	128.2	133.0	135.4	130.6	125.9	121.1	116.4	111.6	104.5	99.7
-87.5°	71.2	73.6	76.0	78.4	73.6	68.9	66.5	61.7	59.4	54.6	52.2
-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: P722274

CATALOG NUMBER: IFLD-L-SA8A-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°	59.4	54.6	49.9	47.5	42.7	35.6	30.9	26.1	21.4	16.6	14.2
85°	125.9	114.0	99.7	92.6	83.1	73.6	64.1	54.6	45.1	35.6	26.1
82.5°	216.1	201.8	187.6	171.0	149.6	123.5	97.4	80.7	66.5	52.2	40.4
80°	325.3	299.2	275.5	254.1	230.3	197.1	161.5	128.2	90.2	68.9	52.2
77.5°	451.2	420.3	387.1	351.5	313.5	268.3	228.0	185.2	140.1	95.0	66.5
75°	593.7	553.3	508.2	458.3	408.4	349.1	292.1	242.2	190.0	133.0	80.7
72.5°	752.8	702.9	648.3	581.8	503.4	434.6	365.7	299.2	237.5	168.6	109.2
70°	957.0	878.6	797.9	726.7	626.9	517.7	436.9	361.0	282.6	206.6	137.7
67.5°	1175.5	1080.5	983.1	878.6	752.8	624.5	508.2	422.7	330.1	242.2	163.9
65°	1412.9	1294.2	1170.7	1054.4	881.0	729.0	598.4	482.1	375.2	275.5	190.0
62.5°	1657.5	1517.4	1374.9	1223.0	1023.5	835.9	683.9	548.6	417.9	306.3	213.7
60°	1918.8	1754.9	1581.5	1391.6	1158.9	952.3	764.7	617.4	463.1	337.2	239.8
57.5°	2194.2	2016.1	1811.9	1555.4	1299.0	1063.9	857.3	679.2	503.4	365.7	258.8
55°	2493.4	2289.2	2066.0	1726.4	1436.7	1175.5	949.9	740.9	546.2	389.4	277.8
52.5°	2816.4	2578.9	2296.3	1906.9	1581.5	1289.5	1035.4	795.5	586.5	415.6	294.5
50°	3177.3	2878.1	2498.2	2073.1	1707.4	1396.3	1120.9	854.9	619.8	444.1	308.7
47.5°	3552.5	3229.6	2678.7	2227.5	1835.6	1500.8	1208.7	907.1	653.0	467.8	323.0
45°	3944.4	3474.2	2866.3	2365.2	1947.2	1595.8	1275.2	954.6	693.4	489.2	334.8
42.5°	4331.4	3659.4	3030.1	2502.9	2051.7	1681.3	1329.8	999.7	726.7	510.6	346.7
40°	4514.3	3799.5	3160.7	2597.9	2139.6	1757.3	1377.3	1040.1	755.2	524.8	358.6
37.5°	4590.3	3885.0	3246.2	2688.2	2208.5	1797.6	1417.7	1075.7	778.9	539.1	368.1
35°	4606.9	3915.9	3288.9	2749.9	2265.5	1835.6	1448.6	1101.9	797.9	553.3	377.6
32.5°	4576.0	3906.4	3300.8	2771.3	2301.1	1864.1	1469.9	1120.9	812.1	567.6	387.1
30°	4507.2	3856.5	3258.1	2768.9	2327.2	1880.8	1484.2	1135.1	826.4	577.1	391.8
27.5°	4395.6	3768.6	3203.5	2771.3	2341.4	1887.9	1491.3	1142.2	835.9	584.2	401.3
25°	4257.8	3649.9	3205.8	2766.5	2343.8	1890.3	1491.3	1142.2	838.3	586.5	408.4
22.5°	4098.7	3649.9	3205.8	2759.4	2329.6	1885.5	1484.2	1137.5	838.3	591.3	415.6
20°	4108.2	3652.3	3198.7	2745.1	2308.2	1871.3	1467.6	1125.6	831.1	598.4	420.3
17.5°	4115.3	3647.5	3184.5	2726.1	2279.7	1847.5	1446.2	1109.0	831.1	605.5	422.7
15°	4115.3	3633.3	3163.1	2697.7	2244.1	1814.3	1415.3	1094.7	833.5	607.9	427.4
12.5°	4108.2	3607.2	3129.8	2659.7	2201.3	1773.9	1396.3	1090.0	833.5	610.3	427.4
10°	4094.0	3571.5	3087.1	2612.2	2161.0	1759.6	1386.8	1080.5	828.8	610.3	427.4
7.5°	4067.8	3528.8	3051.5	2583.7	2137.2	1743.0	1372.6	1066.2	821.6	605.5	432.2
5°	4027.5	3505.0	3023.0	2550.4	2104.0	1731.2	1363.1	1054.4	816.9	605.5	427.4
2.5°	3975.2	3476.6	2989.7	2507.7	2066.0	1690.8	1332.2	1028.2	800.3	596.0	422.7
0°	3889.7	3419.6	2932.7	2448.3	2013.7	1650.4	1301.3	1002.1	783.6	586.5	417.9
-2.5°	3811.4	3343.6	2859.1	2386.6	1963.9	1614.8	1277.6	987.9	776.5	584.2	415.6
-5°	3702.1	3239.1	2761.8	2305.8	1897.4	1579.2	1253.8	971.2	769.4	579.4	415.6
-7.5°	3581.0	3129.8	2659.7	2222.7	1830.9	1517.4	1208.7	945.1	752.8	569.9	413.2
-10°	3393.4	2966.0	2531.4	2127.7	1759.6	1462.8	1170.7	921.4	738.5	560.4	403.7
-12.5°	3194.0	2785.5	2384.2	2011.4	1678.9	1405.8	1128.0	895.3	721.9	550.9	398.9
-15°	2982.6	2600.3	2229.8	1890.3	1591.0	1337.0	1082.9	866.8	705.3	539.1	391.8
-17.5°	2761.8	2405.6	2070.7	1766.8	1503.2	1265.7	1035.4	840.6	686.3	527.2	384.7
-20°	2529.0	2206.1	1909.3	1640.9	1410.6	1194.5	985.5	809.8	664.9	512.9	375.2



REPORT NUMBER: P722274

CATALOG NUMBER: IFLD-L-SA8A-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2298.7	2009.0	1743.0	1517.4	1315.6	1120.9	935.6	778.9	641.2	496.3	368.1
-25°	2094.5	1823.8	1595.8	1398.7	1223.0	1049.6	883.4	748.0	615.0	479.7	358.6
-27.5°	1895.0	1664.7	1450.9	1287.1	1132.7	980.7	833.5	714.8	588.9	460.7	349.1
-30°	1709.8	1512.7	1337.0	1177.8	1047.2	919.0	790.8	681.5	560.4	441.7	337.2
-32.5°	1541.2	1382.1	1234.8	1082.9	966.5	857.3	750.4	648.3	531.9	422.7	325.3
-35°	1384.4	1261.0	1132.7	1004.5	885.8	800.3	707.7	612.7	505.8	401.3	313.5
-37.5°	1244.3	1144.6	1042.5	933.3	831.1	745.7	667.3	577.1	479.7	382.3	301.6
-40°	1123.2	1042.5	952.3	864.4	778.9	698.2	626.9	541.4	453.6	368.1	289.7
-42.5°	1011.6	949.9	876.3	802.6	726.7	655.4	586.5	503.4	427.4	351.5	277.8
-45°	926.1	864.4	805.0	738.5	674.4	612.7	543.8	470.2	403.7	332.5	266.0
-47.5°	845.4	790.8	736.2	681.5	629.3	572.3	503.4	441.7	377.6	315.8	256.5
-50°	774.1	721.9	674.4	626.9	581.8	527.2	463.1	413.2	356.2	299.2	244.6
-52.5°	707.7	662.5	615.0	577.1	539.1	484.4	432.2	384.7	334.8	280.2	232.7
-55°	648.3	605.5	562.8	527.2	491.6	444.1	401.3	361.0	313.5	266.0	220.8
-57.5°	591.3	555.7	515.3	482.1	446.4	408.4	372.8	334.8	292.1	251.7	209.0
-60°	539.1	505.8	470.2	436.9	406.1	375.2	342.0	311.1	273.1	235.1	197.1
-62.5°	486.8	458.3	427.4	394.2	370.5	342.0	315.8	285.0	254.1	220.8	175.7
-65°	439.3	413.2	384.7	356.2	334.8	313.5	289.7	261.2	235.1	204.2	156.7
-67.5°	391.8	368.1	344.3	320.6	301.6	285.0	261.2	239.8	218.5	185.2	137.7
-70°	346.7	327.7	306.3	287.3	273.1	254.1	237.5	218.5	199.5	161.5	116.4
-72.5°	304.0	285.0	268.3	254.1	242.2	225.6	211.3	197.1	171.0	135.4	97.4
-75°	254.1	242.2	232.7	220.8	209.0	197.1	185.2	168.6	142.5	109.2	76.0
-77.5°	209.0	201.8	194.7	185.2	175.7	166.2	152.0	135.4	114.0	85.5	61.7
-80°	171.0	163.9	159.1	149.6	142.5	133.0	118.7	104.5	83.1	66.5	49.9
-82.5°	130.6	125.9	121.1	116.4	109.2	99.7	85.5	73.6	61.7	49.9	38.0
-85°	92.6	90.2	85.5	80.7	73.6	66.5	57.0	49.9	42.7	33.2	26.1
-87.5°	47.5	45.1	42.7	40.4	38.0	33.2	28.5	23.7	21.4	16.6	11.9
-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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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.5	7.1	2.4	0.0
85°	19.0	11.9	4.7	0.0
82.5°	28.5	19.0	7.1	0.0
80°	38.0	23.7	11.9	0.0
77.5°	47.5	28.5	14.2	0.0
75°	57.0	35.6	16.6	0.0
72.5°	64.1	40.4	19.0	0.0
70°	76.0	47.5	21.4	0.0
67.5°	95.0	52.2	23.7	0.0
65°	111.6	57.0	26.1	0.0
62.5°	130.6	61.7	28.5	0.0
60°	147.2	66.5	30.9	0.0
57.5°	163.9	78.4	33.2	0.0
55°	178.1	87.9	35.6	0.0
52.5°	194.7	97.4	38.0	0.0
50°	209.0	106.9	40.4	0.0
47.5°	220.8	116.4	40.4	0.0
45°	230.3	123.5	42.7	0.0
42.5°	237.5	130.6	45.1	0.0
40°	244.6	137.7	47.5	0.0
37.5°	251.7	144.9	47.5	0.0
35°	258.8	152.0	49.9	0.0
32.5°	266.0	159.1	49.9	0.0
30°	270.7	163.9	52.2	0.0
27.5°	277.8	168.6	52.2	0.0
25°	280.2	173.4	54.6	0.0
22.5°	285.0	175.7	54.6	0.0
20°	289.7	180.5	54.6	0.0
17.5°	292.1	182.9	57.0	0.0
15°	292.1	185.2	59.4	0.0
12.5°	294.5	187.6	59.4	0.0
10°	294.5	192.4	57.0	0.0
7.5°	299.2	190.0	57.0	0.0
5°	296.8	190.0	57.0	0.0
2.5°	294.5	187.6	57.0	0.0
0°	292.1	187.6	57.0	0.0
-2.5°	292.1	187.6	57.0	0.0
-5°	292.1	187.6	57.0	0.0
-7.5°	289.7	190.0	57.0	0.0
-10°	285.0	190.0	57.0	0.0
-12.5°	282.6	182.9	57.0	0.0
-15°	280.2	180.5	57.0	0.0
-17.5°	275.5	178.1	54.6	0.0
-20°	270.7	175.7	54.6	0.0



REPORT NUMBER: P722274

CATALOG NUMBER: IFLD-L-SA8A-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	266.0	171.0	54.6	0.0
-25°	261.2	166.2	52.2	0.0
-27.5°	256.5	161.5	52.2	0.0
-30°	249.3	156.7	49.9	0.0
-32.5°	242.2	152.0	49.9	0.0
-35°	237.5	144.9	47.5	0.0
-37.5°	230.3	137.7	47.5	0.0
-40°	223.2	130.6	45.1	0.0
-42.5°	216.1	123.5	42.7	0.0
-45°	206.6	116.4	42.7	0.0
-47.5°	199.5	109.2	40.4	0.0
-50°	187.6	99.7	38.0	0.0
-52.5°	173.4	90.2	35.6	0.0
-55°	159.1	83.1	33.2	0.0
-57.5°	144.9	73.6	33.2	0.0
-60°	130.6	64.1	30.9	0.0
-62.5°	116.4	59.4	28.5	0.0
-65°	102.1	54.6	26.1	0.0
-67.5°	85.5	47.5	23.7	0.0
-70°	71.2	42.7	21.4	0.0
-72.5°	61.7	38.0	19.0	0.0
-75°	52.2	33.2	16.6	0.0
-77.5°	45.1	28.5	14.2	0.0
-80°	35.6	21.4	9.5	0.0
-82.5°	26.1	16.6	7.1	0.0
-85°	16.6	11.9	4.7	0.0
-87.5°	9.5	4.7	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)