

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: P722328

Luminaire Tested: **IFLD-L-SA7B-940-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722328  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-940-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

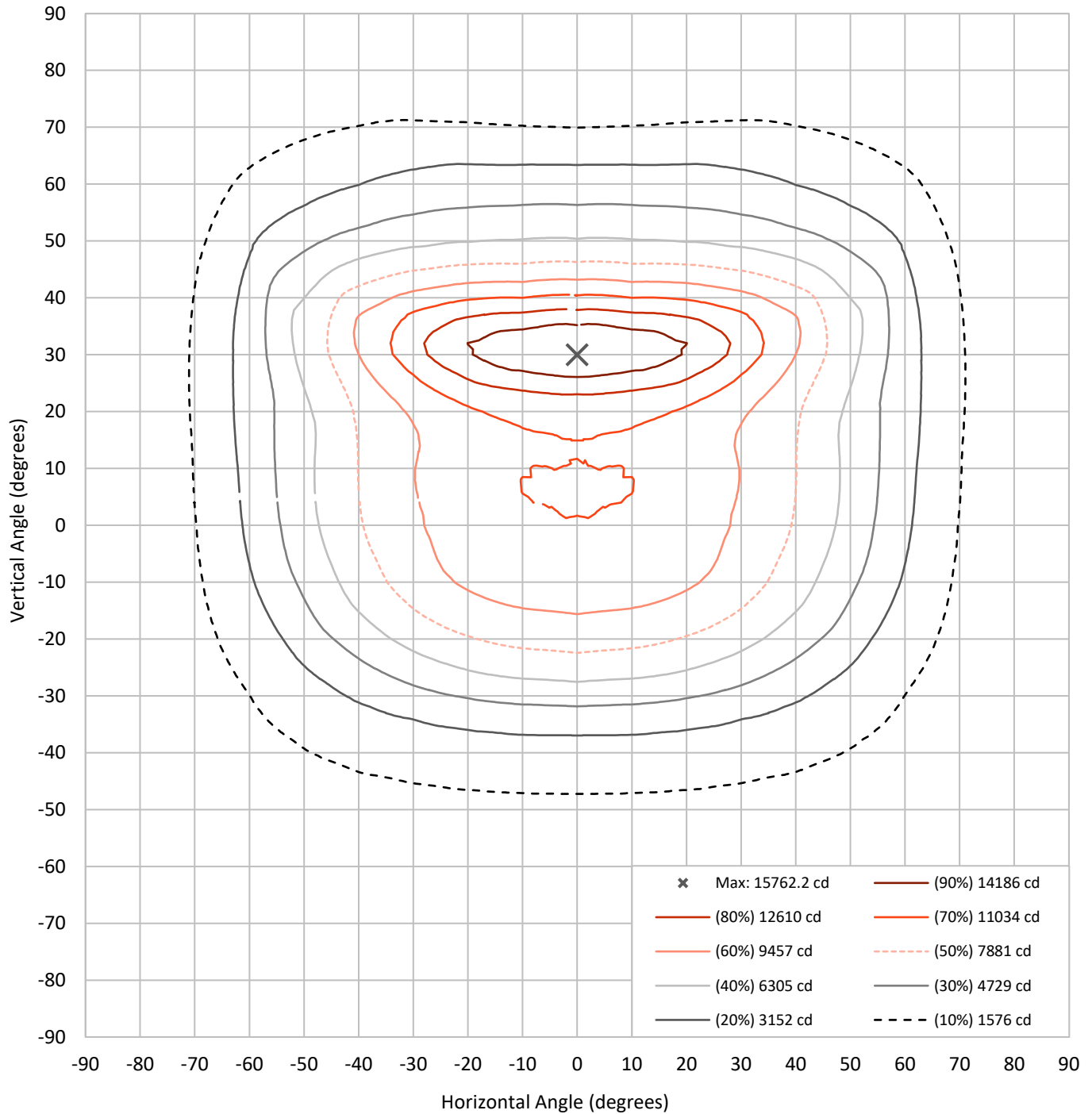
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26311 lumens	Max Intensity:	15762.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15300.2 lumens	Field Lumens:	24656.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 281  
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



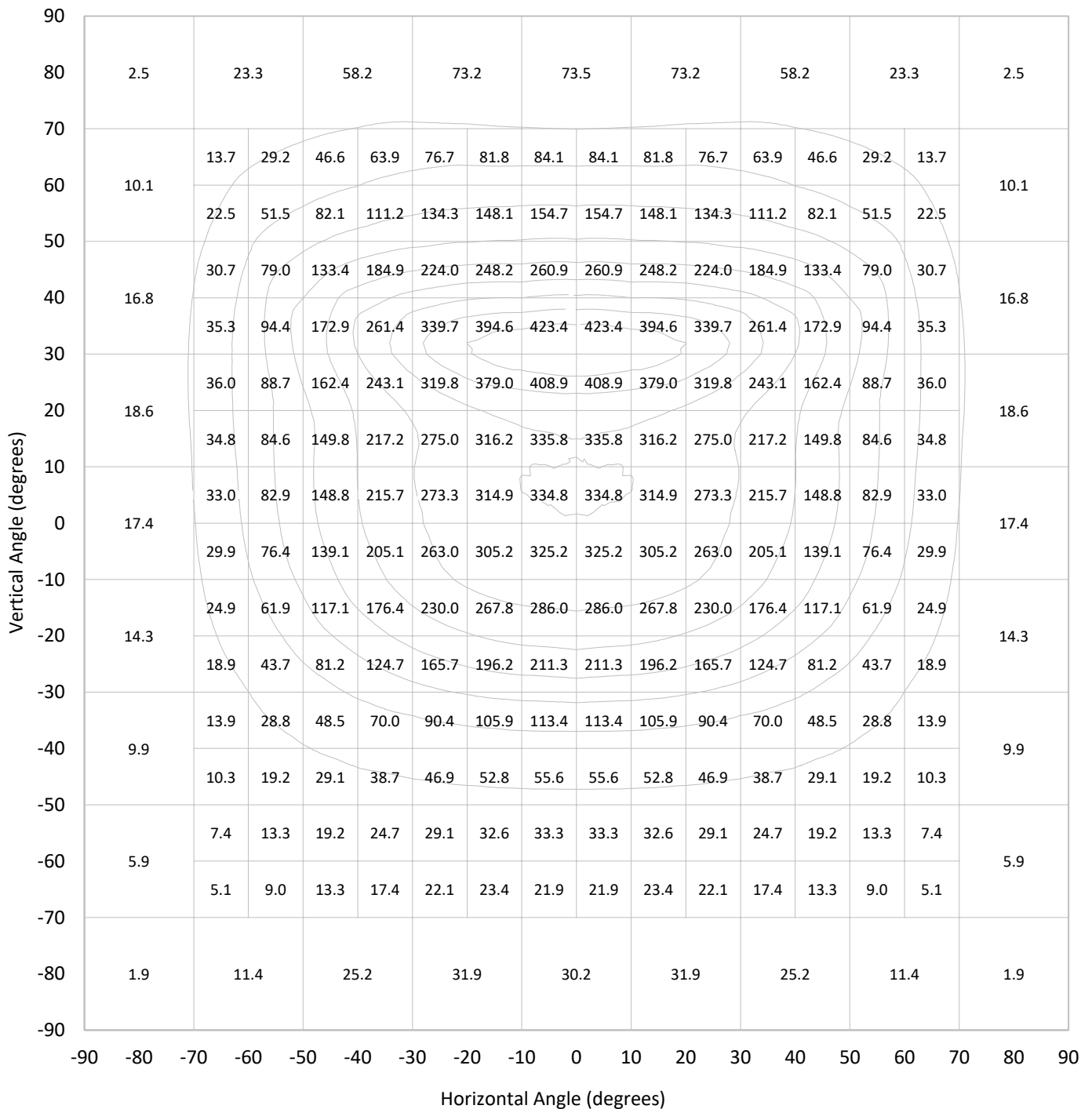
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### Iso-Candela Plot



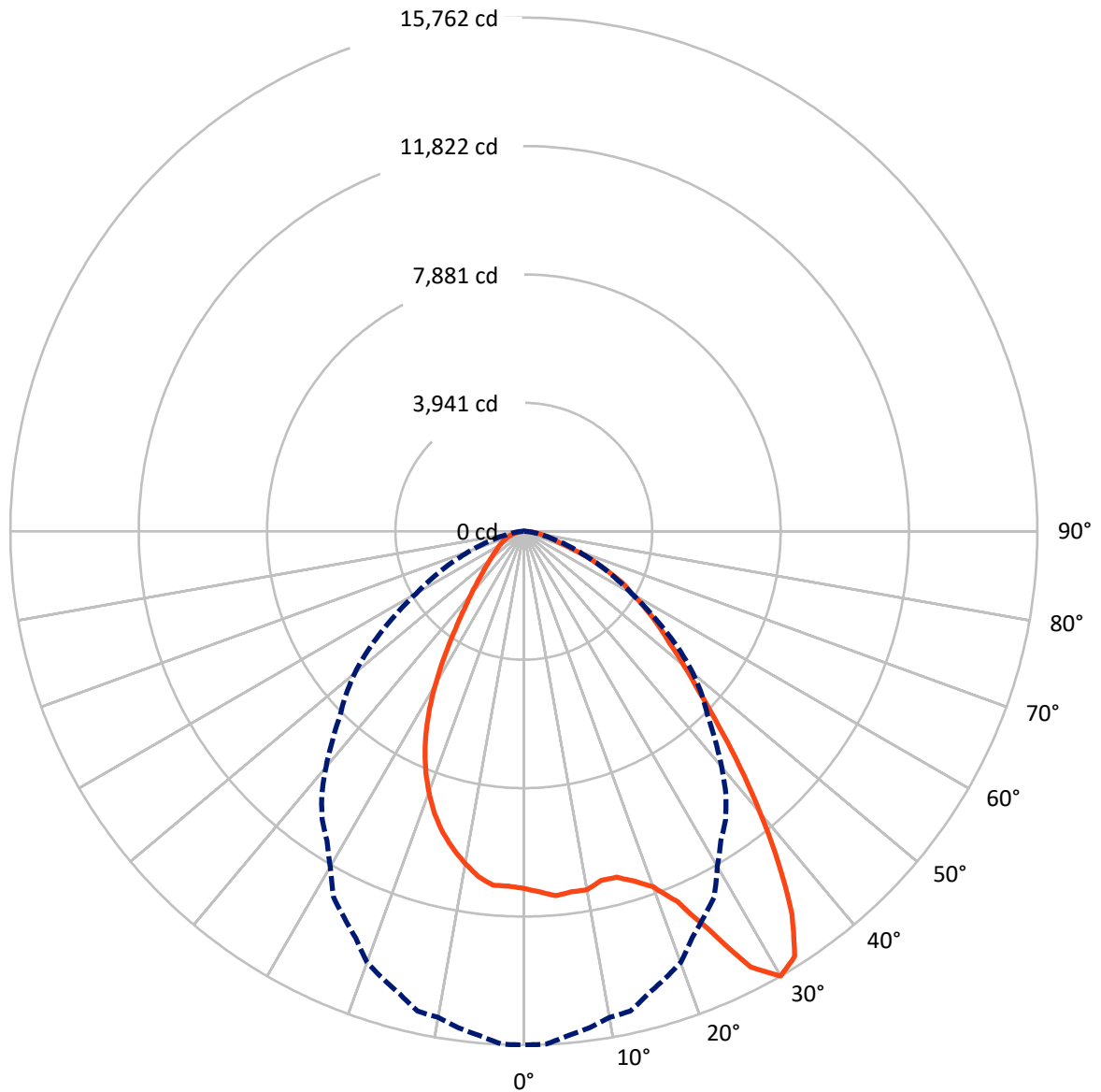
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### Lumen Table



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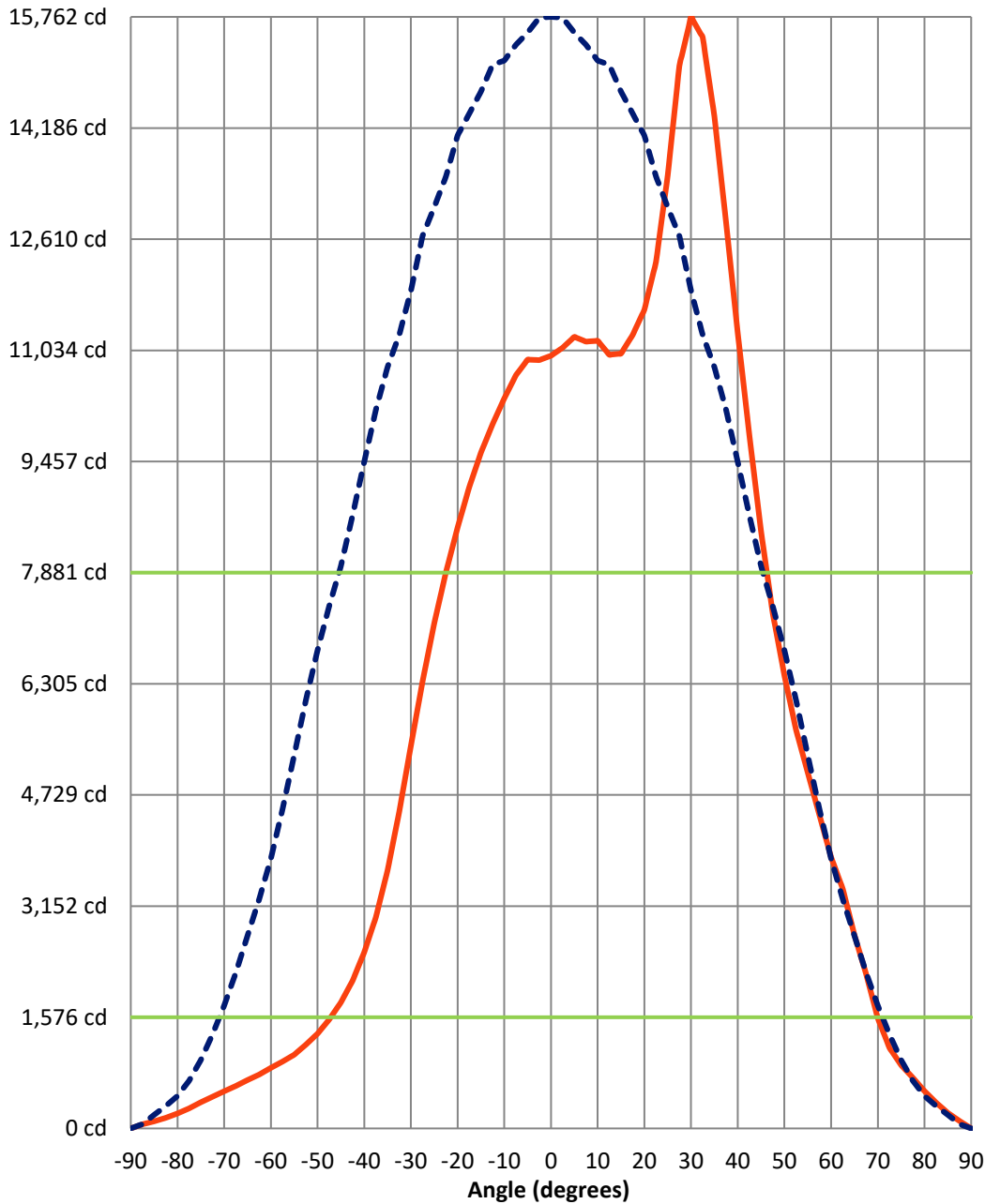
### Luminous Intensity Polar Plot



— 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: 15300.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 24656.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1654.2  
 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°	105.9	108.7	111.5	111.5	108.7	108.7	108.7	105.9	108.7	108.7	108.7
85°	220.2	225.8	231.3	228.6	225.8	220.2	214.6	217.4	220.2	223.0	223.0
82.5°	365.1	373.5	379.1	376.3	370.7	365.1	359.6	362.3	367.9	370.7	370.7
80°	529.6	532.4	535.2	540.7	532.4	532.4	529.6	540.7	546.3	551.9	557.5
77.5°	719.1	721.9	721.9	724.7	727.5	730.3	730.3	749.8	763.7	772.1	780.4
75°	897.5	905.9	914.2	922.6	933.7	939.3	947.7	975.6	997.9	1014.6	1031.3
72.5°	1142.8	1153.9	1167.9	1187.4	1206.9	1220.8	1240.3	1273.8	1298.9	1315.6	1335.1
70°	1563.7	1574.8	1588.8	1602.7	1622.2	1636.1	1655.7	1697.5	1722.5	1733.7	1744.8
67.5°	2188.0	2215.9	2241.0	2213.1	2199.2	2179.7	2185.2	2224.3	2249.3	2266.1	2263.3
65°	2742.7	2762.2	2762.2	2759.4	2748.3	2723.2	2737.1	2784.5	2812.4	2826.3	2784.5
62.5°	3394.9	3394.9	3381.0	3403.3	3406.1	3389.4	3381.0	3383.8	3386.6	3394.9	3325.2
60°	3846.5	3874.3	3882.7	3902.2	3907.8	3907.8	3921.7	3932.9	3932.9	3916.2	3835.3
57.5°	4442.9	4495.9	4507.1	4493.1	4465.2	4429.0	4423.4	4406.7	4373.3	4339.8	4300.8
55°	5045.0	5072.9	5070.1	5061.7	5033.9	4992.0	4997.6	4975.3	4922.4	4880.6	4827.6
52.5°	5649.8	5716.7	5727.9	5711.2	5672.1	5627.6	5630.3	5605.3	5552.3	5507.7	5435.2
50°	6421.9	6477.7	6472.1	6444.2	6388.5	6355.0	6357.8	6310.4	6249.1	6235.2	6140.4
47.5°	7305.5	7369.6	7358.5	7319.4	7244.2	7230.2	7244.2	7182.9	7146.6	7116.0	7004.5
45°	8465.0	8540.3	8498.5	8423.2	8303.4	8317.3	8336.8	8325.7	8247.6	8166.8	8024.6
42.5°	9825.2	9872.6	9822.4	9747.2	9596.7	9624.5	9613.4	9546.5	9499.1	9365.3	9184.1
40°	11280.2	11383.3	11305.3	11188.2	11032.1	11073.9	11043.3	10956.9	10845.4	10678.1	10449.6
37.5°	12849.4	12930.3	12841.1	12704.5	12565.1	12551.2	12489.9	12356.1	12197.2	12013.2	11648.1
35°	14351.8	14560.8	14396.4	14179.0	14008.9	13944.8	13886.3	13576.9	13395.7	13097.5	12598.6
32.5°	15469.5	15622.8	15419.3	15193.6	14987.3	14898.1	14691.8	14323.9	14226.4	13599.2	13142.1
30°	15762.2	15751.0	15539.2	15366.4	15143.4	15082.1	14703.0	14390.8	14078.6	13498.9	13064.1
27.5°	15065.3	14995.7	14792.2	14641.7	14421.5	14349.0	13975.5	13808.3	13326.1	12835.5	12467.6
25°	13512.8	13549.0	13395.7	13320.5	13175.5	13019.5	12871.7	12646.0	12344.9	11915.7	11578.4
22.5°	12289.2	12336.6	12272.5	12183.3	12071.8	11985.4	11873.9	11698.3	11408.4	11143.6	10825.9
20°	11609.1	11595.2	11539.4	11472.5	11366.6	11305.3	11182.6	11034.9	10811.9	10583.4	10240.5
17.5°	11252.3	11165.9	11112.9	11087.9	11032.1	10954.1	10809.1	10658.6	10485.8	10226.6	9975.7
15°	10987.5	11001.5	10959.6	10940.1	10895.5	10786.8	10639.1	10516.5	10282.3	10151.3	9922.8
12.5°	10970.8	10956.9	10959.6	10951.3	10895.5	10756.2	10680.9	10524.8	10374.3	10201.5	9939.5
10°	11168.7	11021.0	11032.1	11071.1	10981.9	10870.5	10789.6	10619.6	10477.4	10257.2	9998.0
7.5°	11157.5	11082.3	11104.6	11040.5	11068.4	10931.8	10820.3	10650.3	10471.9	10237.7	10003.6
5°	11224.4	11110.2	11090.7	11096.2	11026.5	10923.4	10772.9	10611.2	10444.0	10182.0	9942.3
2.5°	11071.1	11087.9	10998.7	10965.2	10956.9	10784.0	10644.7	10488.6	10315.8	10084.4	9869.8
0°	10956.9	10987.5	10895.5	10848.2	10845.4	10697.6	10608.4	10430.1	10307.4	10115.1	9855.9
-2.5°	10895.5	10931.8	10942.9	10856.5	10772.9	10658.6	10508.1	10315.8	10115.1	9892.1	9669.1
-5°	10901.1	10828.6	10798.0	10825.9	10753.4	10639.1	10471.9	10301.8	10103.9	9864.2	9585.5
-7.5°	10680.9	10608.4	10602.9	10588.9	10572.2	10463.5	10324.1	10140.2	9939.5	9716.5	9457.3
-10°	10352.0	10299.1	10285.1	10271.2	10226.6	10162.5	10031.5	9864.2	9683.1	9460.1	9184.1
-12.5°	9986.9	9961.8	9908.8	9872.6	9828.0	9752.7	9627.3	9474.0	9292.8	9094.9	8858.0
-15°	9582.7	9535.3	9482.4	9451.7	9387.6	9298.4	9173.0	9030.8	8832.9	8637.8	8414.8
-17.5°	9094.9	9036.4	8977.9	8969.5	8924.9	8788.3	8671.3	8498.5	8325.7	8138.9	7921.5
-20°	8520.8	8439.9	8400.9	8378.6	8317.3	8216.9	8091.5	7932.6	7765.4	7587.0	7336.2



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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°	7885.3	7815.6	7748.7	7706.9	7653.9	7575.9	7456.0	7316.7	7152.2	6951.5	6720.2
-25°	7163.4	7065.8	7024.0	6976.6	6948.7	6876.3	6759.2	6631.0	6461.0	6265.8	6045.6
-27.5°	6338.3	6260.3	6238.0	6171.1	6137.6	6062.4	5964.8	5845.0	5688.9	5504.9	5323.7
-30°	5426.9	5379.5	5343.2	5276.4	5251.3	5170.4	5106.3	5006.0	4863.8	4732.8	4587.9
-32.5°	4490.3	4442.9	4431.8	4401.1	4384.4	4331.5	4259.0	4186.5	4072.2	3974.7	3857.6
-35°	3659.7	3626.3	3629.1	3626.3	3609.5	3570.5	3481.3	3461.8	3378.2	3289.0	3213.8
-37.5°	2996.3	2999.1	2996.3	2993.6	2971.3	2954.5	2890.4	2865.3	2815.2	2728.8	2684.2
-40°	2497.4	2503.0	2500.2	2494.6	2469.5	2461.2	2419.4	2385.9	2366.4	2305.1	2257.7
-42.5°	2093.3	2101.6	2098.8	2096.0	2079.3	2076.5	2054.2	2015.2	2004.1	1967.8	1917.7
-45°	1786.7	1783.9	1778.3	1783.9	1775.5	1767.1	1753.2	1728.1	1714.2	1697.5	1655.7
-47.5°	1544.2	1546.9	1541.4	1541.4	1530.2	1521.9	1516.3	1499.6	1488.4	1474.5	1449.4
-50°	1343.5	1354.6	1351.8	1349.1	1340.7	1335.1	1335.1	1318.4	1301.7	1296.1	1279.4
-52.5°	1187.4	1195.7	1198.5	1204.1	1206.9	1209.7	1201.3	1184.6	1156.7	1153.9	1145.6
-55°	1045.2	1070.3	1087.0	1098.2	1109.3	1117.7	1101.0	1078.7	1050.8	1039.7	1036.9
-57.5°	947.7	972.8	992.3	1009.0	1022.9	1036.9	1020.2	997.9	972.8	958.8	956.0
-60°	858.5	880.8	900.3	922.6	942.1	964.4	956.0	939.3	925.4	914.2	903.1
-62.5°	763.7	786.0	808.3	836.2	861.3	883.6	886.4	883.6	880.8	883.6	864.1
-65°	685.7	696.8	710.8	741.4	769.3	794.4	808.3	816.7	830.6	844.6	825.0
-67.5°	602.1	616.0	632.7	655.0	677.3	694.0	713.5	735.8	758.1	780.4	766.5
-70°	526.8	537.9	551.9	563.0	577.0	588.1	604.8	629.9	655.0	677.3	671.7
-72.5°	448.8	459.9	468.3	473.8	482.2	487.8	496.1	518.4	535.2	546.3	546.3
-75°	370.7	381.9	390.2	393.0	398.6	401.4	406.9	415.3	423.7	426.5	429.2
-77.5°	284.3	295.5	303.8	309.4	315.0	320.5	323.3	328.9	331.7	331.7	334.5
-80°	211.8	220.2	225.8	234.1	236.9	242.5	248.1	250.9	253.6	253.6	256.4
-82.5°	150.5	156.1	161.7	167.2	172.8	175.6	181.2	184.0	186.7	189.5	192.3
-85°	100.3	105.9	111.5	117.1	119.9	122.6	125.4	128.2	131.0	133.8	136.6
-87.5°	58.5	61.3	64.1	69.7	72.5	78.0	80.8	78.0	80.8	80.8	80.8
-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°	108.7	108.7	108.7	108.7	105.9	100.3	97.6	92.0	86.4	80.8	75.3
85°	225.8	228.6	228.6	228.6	223.0	220.2	211.8	203.5	192.3	175.6	161.7
82.5°	376.3	379.1	379.1	376.3	370.7	362.3	351.2	337.3	315.0	292.7	273.2
80°	565.8	568.6	568.6	565.8	551.9	537.9	524.0	507.3	479.4	448.8	415.3
77.5°	791.6	797.2	797.2	788.8	769.3	752.6	730.3	702.4	660.6	616.0	571.4
75°	1053.6	1067.5	1070.3	1062.0	1036.9	1006.2	970.0	922.6	858.5	802.7	749.8
72.5°	1357.4	1371.3	1382.5	1371.3	1335.1	1293.3	1240.3	1184.6	1120.5	1045.2	956.0
70°	1756.0	1769.9	1778.3	1742.1	1678.0	1608.3	1544.2	1480.1	1404.8	1312.8	1215.3
67.5°	2257.7	2243.8	2227.0	2154.6	2073.7	1990.1	1900.9	1806.2	1708.6	1611.1	1496.8
65°	2739.9	2700.9	2664.7	2578.2	2475.1	2366.4	2263.3	2157.4	2040.3	1917.7	1809.0
62.5°	3247.2	3163.6	3074.4	2968.5	2862.6	2742.7	2639.6	2514.1	2383.1	2232.6	2093.3
60°	3746.1	3645.8	3556.6	3425.6	3286.2	3124.6	3013.1	2890.4	2737.1	2575.5	2411.0
57.5°	4228.3	4119.6	4022.1	3907.8	3757.3	3581.7	3459.0	3300.2	3138.5	2935.0	2767.8
55°	4741.2	4632.5	4554.4	4426.2	4261.8	4100.1	3966.3	3799.1	3573.3	3355.9	3149.6
52.5°	5329.3	5242.9	5159.3	5028.3	4830.4	4665.9	4518.2	4331.5	4094.5	3827.0	3578.9
50°	5987.1	5942.5	5853.3	5700.0	5474.2	5329.3	5134.2	4886.1	4632.5	4351.0	4041.6
47.5°	6859.5	6787.1	6661.6	6494.4	6304.9	6087.5	5825.4	5535.6	5176.0	4863.8	4534.9
45°	7902.0	7768.2	7606.5	7380.8	7146.6	6901.3	6614.3	6246.3	5764.1	5357.2	5011.6
42.5°	9030.8	8849.7	8629.5	8334.0	8030.2	7729.2	7419.8	6918.1	6316.0	5847.7	5457.5
40°	10209.9	9978.5	9702.6	9273.3	8936.1	8548.6	8194.7	7444.9	6803.8	6296.5	5881.2
37.5°	11363.8	11071.1	10608.4	10087.2	9694.2	9376.5	8598.8	7796.1	7221.9	6664.4	6243.5
35°	12247.4	11999.3	11182.6	10641.9	10304.6	9802.9	8830.2	8007.9	7400.3	6937.6	6282.6
32.5°	12771.4	12130.3	11414.0	10867.7	10588.9	9766.7	8846.9	8069.2	7483.9	6965.5	6182.2
30°	12654.3	11879.5	11252.3	10795.2	10190.4	9451.7	8690.8	7974.5	7405.8	6778.7	6070.7
27.5°	11949.1	11349.9	10789.6	10313.0	9719.3	9055.9	8353.5	7723.6	7194.0	6586.4	5917.4
25°	11152.0	10608.4	10193.1	9777.8	9214.8	8582.1	7963.3	7509.0	6976.6	6377.3	5716.7
22.5°	10418.9	10028.7	9702.6	9267.8	8718.7	8166.8	7782.1	7311.1	6764.8	6157.1	5510.5
20°	9950.6	9685.9	9312.4	8832.9	8400.9	8055.3	7628.8	7129.9	6566.9	5931.4	5334.9
17.5°	9724.9	9418.3	9003.0	8690.8	8359.1	7980.0	7503.4	6973.8	6374.5	5828.2	5354.4
15°	9607.8	9284.5	9011.3	8704.7	8331.2	7932.6	7403.1	6854.0	6374.5	5870.0	5368.3
12.5°	9632.9	9354.2	9055.9	8721.4	8320.1	7893.6	7414.2	6904.1	6408.0	5900.7	5371.1
10°	9710.9	9418.3	9100.5	8729.8	8325.7	7904.8	7444.9	6934.8	6424.7	5914.6	5365.5
7.5°	9738.8	9421.1	9081.0	8707.5	8311.7	7899.2	7450.4	6943.2	6427.5	5911.9	5348.8
5°	9652.4	9365.3	9036.4	8660.1	8272.7	7871.3	7428.1	6932.0	6405.2	5884.0	5307.0
2.5°	9535.3	9304.0	8989.0	8626.7	8233.7	7832.3	7391.9	6881.8	6355.0	5833.8	5254.1
0°	9515.8	9228.7	8911.0	8587.7	8169.6	7745.9	7308.3	6787.1	6263.1	5739.0	5162.1
-2.5°	9387.6	9083.8	8766.0	8414.8	8046.9	7620.5	7160.6	6650.5	6132.1	5616.4	5061.7
-5°	9290.1	8952.8	8615.5	8236.5	7865.7	7439.3	6962.7	6466.5	5959.2	5457.5	4922.4
-7.5°	9159.1	8813.4	8459.4	8063.6	7662.3	7227.5	6756.4	6260.3	5761.3	5262.4	4749.6
-10°	8894.3	8590.4	8258.8	7849.0	7425.4	6990.5	6522.3	6034.5	5535.6	5031.1	4515.4
-12.5°	8573.7	8253.2	7890.8	7514.5	7135.5	6731.3	6263.1	5783.6	5281.9	4774.6	4261.8
-15°	8158.4	7843.5	7472.7	7104.8	6739.7	6352.2	5939.7	5507.7	4997.6	4498.7	3985.8
-17.5°	7640.0	7344.5	7012.8	6661.6	6299.3	5909.1	5507.7	5142.6	4665.9	4197.7	3690.4
-20°	7082.5	6806.6	6508.3	6176.6	5814.3	5432.4	5053.4	4671.5	4259.0	3846.5	3375.4



REPORT NUMBER: P722328

CATALOG NUMBER: IFLD-L-SA7B-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°	6502.8	6224.0	5923.0	5613.6	5279.1	4925.2	4574.0	4208.8	3846.5	3473.0	3074.4
-25°	5833.8	5588.5	5312.6	5011.6	4713.3	4403.9	4069.5	3737.8	3428.4	3105.0	2778.9
-27.5°	5134.2	4908.4	4657.6	4395.6	4139.1	3879.9	3590.0	3283.4	3027.0	2759.4	2489.1
-30°	4398.4	4217.2	4013.7	3785.1	3587.2	3378.2	3135.7	2882.1	2647.9	2444.5	2227.0
-32.5°	3701.5	3548.2	3403.3	3252.8	3057.7	2896.0	2728.8	2542.0	2335.8	2143.4	1987.3
-35°	3102.3	2937.8	2876.5	2765.0	2625.6	2483.5	2360.8	2227.0	2071.0	1900.9	1772.7
-37.5°	2597.8	2500.2	2413.8	2352.5	2260.5	2146.2	2048.7	1951.1	1831.3	1703.0	1574.8
-40°	2204.8	2137.9	2043.1	2012.4	1953.9	1875.9	1775.5	1700.3	1619.4	1521.9	1413.2
-42.5°	1889.8	1839.6	1778.3	1725.3	1700.3	1644.5	1566.5	1494.0	1429.9	1363.0	1279.4
-45°	1630.6	1597.1	1558.1	1510.7	1491.2	1446.6	1390.9	1310.0	1273.8	1218.0	1156.7
-47.5°	1421.5	1404.8	1376.9	1346.3	1318.4	1284.9	1234.8	1184.6	1134.4	1098.2	1050.8
-50°	1257.1	1245.9	1229.2	1204.1	1167.9	1145.6	1112.1	1067.5	1020.2	989.5	956.0
-52.5°	1126.1	1114.9	1103.8	1084.3	1056.4	1034.1	1006.2	970.0	931.0	900.3	872.4
-55°	1025.7	1009.0	1000.6	983.9	961.6	936.5	911.4	886.4	852.9	825.0	797.2
-57.5°	947.7	925.4	914.2	900.3	878.0	852.9	833.4	808.3	786.0	755.4	730.3
-60°	886.4	861.3	839.0	825.0	805.5	780.4	760.9	741.4	719.1	694.0	663.4
-62.5°	836.2	805.5	774.9	758.1	738.6	716.3	696.8	677.3	655.0	629.9	602.1
-65°	788.8	752.6	713.5	696.8	677.3	655.0	629.9	616.0	596.5	574.2	546.3
-67.5°	730.3	691.2	657.8	638.3	618.8	599.3	577.0	563.0	543.5	515.6	487.8
-70°	643.9	618.8	596.5	579.8	563.0	546.3	524.0	501.7	479.4	454.3	429.2
-72.5°	535.2	526.8	524.0	515.6	496.1	476.6	454.3	432.0	412.5	393.0	373.5
-75°	432.0	437.6	443.2	440.4	420.9	401.4	381.9	362.3	348.4	331.7	315.0
-77.5°	342.8	348.4	354.0	354.0	340.1	328.9	315.0	301.0	289.9	275.9	259.2
-80°	264.8	273.2	281.5	287.1	275.9	267.6	256.4	245.3	234.1	223.0	211.8
-82.5°	200.7	209.0	217.4	223.0	214.6	209.0	200.7	192.3	184.0	172.8	164.5
-85°	144.9	150.5	156.1	158.9	153.3	147.7	142.2	136.6	131.0	122.6	117.1
-87.5°	83.6	86.4	89.2	92.0	86.4	80.8	78.0	72.5	69.7	64.1	61.3
-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: P722328  
 CATALOG NUMBER: IFLD-L-SA7B-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°	69.7	64.1	58.5	55.7	50.2	41.8	36.2	30.7	25.1	19.5	16.7
85°	147.7	133.8	117.1	108.7	97.6	86.4	75.3	64.1	53.0	41.8	30.7
82.5°	253.6	236.9	220.2	200.7	175.6	144.9	114.3	94.8	78.0	61.3	47.4
80°	381.9	351.2	323.3	298.2	270.4	231.3	189.5	150.5	105.9	80.8	61.3
77.5°	529.6	493.4	454.3	412.5	367.9	315.0	267.6	217.4	164.5	111.5	78.0
75°	696.8	649.4	596.5	537.9	479.4	409.7	342.8	284.3	223.0	156.1	94.8
72.5°	883.6	825.0	760.9	682.9	590.9	510.1	429.2	351.2	278.7	197.9	128.2
70°	1123.3	1031.3	936.5	852.9	735.8	607.6	512.9	423.7	331.7	242.5	161.7
67.5°	1379.7	1268.2	1153.9	1031.3	883.6	733.1	596.5	496.1	387.4	284.3	192.3
65°	1658.4	1519.1	1374.1	1237.6	1034.1	855.7	702.4	565.8	440.4	323.3	223.0
62.5°	1945.5	1781.1	1613.8	1435.5	1201.3	981.1	802.7	643.9	490.6	359.6	250.9
60°	2252.1	2059.8	1856.3	1633.4	1360.2	1117.7	897.5	724.7	543.5	395.8	281.5
57.5°	2575.5	2366.4	2126.7	1825.7	1524.7	1248.7	1006.2	797.2	590.9	429.2	303.8
55°	2926.7	2687.0	2424.9	2026.4	1686.3	1379.7	1114.9	869.6	641.1	457.1	326.1
52.5°	3305.7	3027.0	2695.3	2238.2	1856.3	1513.5	1215.3	933.7	688.5	487.8	345.6
50°	3729.4	3378.2	2932.2	2433.3	2004.1	1638.9	1315.6	1003.4	727.5	521.2	362.3
47.5°	4169.8	3790.7	3144.1	2614.5	2154.6	1761.6	1418.7	1064.7	766.5	549.1	379.1
45°	4629.7	4077.8	3364.3	2776.1	2285.6	1873.1	1496.8	1120.5	813.9	574.2	393.0
42.5°	5084.0	4295.2	3556.6	2937.8	2408.2	1973.4	1560.9	1173.5	852.9	599.3	406.9
40°	5298.6	4459.7	3709.9	3049.3	2511.4	2062.6	1616.6	1220.8	886.4	616.0	420.9
37.5°	5387.8	4560.0	3810.2	3155.2	2592.2	2110.0	1664.0	1262.6	914.2	632.7	432.0
35°	5407.4	4596.3	3860.4	3227.7	2659.1	2154.6	1700.3	1293.3	936.5	649.4	443.2
32.5°	5371.1	4585.1	3874.3	3252.8	2700.9	2188.0	1725.3	1315.6	953.3	666.2	454.3
30°	5290.3	4526.6	3824.2	3250.0	2731.6	2207.5	1742.1	1332.3	970.0	677.3	459.9
27.5°	5159.3	4423.4	3760.1	3252.8	2748.3	2215.9	1750.4	1340.7	981.1	685.7	471.1
25°	4997.6	4284.1	3762.8	3247.2	2751.1	2218.7	1750.4	1340.7	983.9	688.5	479.4
22.5°	4810.9	4284.1	3762.8	3238.8	2734.3	2213.1	1742.1	1335.1	983.9	694.0	487.8
20°	4822.0	4286.9	3754.5	3222.1	2709.3	2196.4	1722.5	1321.2	975.6	702.4	493.4
17.5°	4830.4	4281.3	3737.8	3199.8	2675.8	2168.5	1697.5	1301.7	975.6	710.8	496.1
15°	4830.4	4264.6	3712.7	3166.4	2634.0	2129.5	1661.2	1284.9	978.3	713.5	501.7
12.5°	4822.0	4233.9	3673.7	3121.8	2583.8	2082.1	1638.9	1279.4	978.3	716.3	501.7
10°	4805.3	4192.1	3623.5	3066.0	2536.4	2065.4	1627.8	1268.2	972.8	716.3	501.7
7.5°	4774.6	4141.9	3581.7	3032.6	2508.6	2045.9	1611.1	1251.5	964.4	710.8	507.3
5°	4727.3	4114.0	3548.2	2993.6	2469.5	2031.9	1599.9	1237.6	958.8	710.8	501.7
2.5°	4665.9	4080.6	3509.2	2943.4	2424.9	1984.6	1563.7	1206.9	939.3	699.6	496.1
0°	4565.6	4013.7	3442.3	2873.7	2363.6	1937.2	1527.4	1176.2	919.8	688.5	490.6
-2.5°	4473.6	3924.5	3355.9	2801.2	2305.1	1895.4	1499.6	1159.5	911.4	685.7	487.8
-5°	4345.4	3801.9	3241.6	2706.5	2227.0	1853.6	1471.7	1140.0	903.1	680.1	487.8
-7.5°	4203.2	3673.7	3121.8	2608.9	2149.0	1781.1	1418.7	1109.3	883.6	669.0	485.0
-10°	3983.0	3481.3	2971.3	2497.4	2065.4	1717.0	1374.1	1081.5	866.8	657.8	473.8
-12.5°	3748.9	3269.5	2798.4	2360.8	1970.6	1650.1	1324.0	1050.8	847.3	646.7	468.3
-15°	3500.8	3052.1	2617.3	2218.7	1867.5	1569.2	1271.0	1017.4	827.8	632.7	459.9
-17.5°	3241.6	2823.5	2430.5	2073.7	1764.4	1485.6	1215.3	986.7	805.5	618.8	451.5
-20°	2968.5	2589.4	2241.0	1926.0	1655.7	1402.0	1156.7	950.5	780.4	602.1	440.4



REPORT NUMBER: P722328

CATALOG NUMBER: IFLD-L-SA7B-940-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2698.1	2358.1	2045.9	1781.1	1544.2	1315.6	1098.2	914.2	752.6	582.5	432.0
-25°	2458.4	2140.6	1873.1	1641.7	1435.5	1232.0	1036.9	878.0	721.9	563.0	420.9
-27.5°	2224.3	1953.9	1703.0	1510.7	1329.5	1151.2	978.3	839.0	691.2	540.7	409.7
-30°	2006.9	1775.5	1569.2	1382.5	1229.2	1078.7	928.2	800.0	657.8	518.4	395.8
-32.5°	1809.0	1622.2	1449.4	1271.0	1134.4	1006.2	880.8	760.9	624.4	496.1	381.9
-35°	1625.0	1480.1	1329.5	1179.0	1039.7	939.3	830.6	719.1	593.7	471.1	367.9
-37.5°	1460.5	1343.5	1223.6	1095.4	975.6	875.2	783.2	677.3	563.0	448.8	354.0
-40°	1318.4	1223.6	1117.7	1014.6	914.2	819.5	735.8	635.5	532.4	432.0	340.1
-42.5°	1187.4	1114.9	1028.5	942.1	852.9	769.3	688.5	590.9	501.7	412.5	326.1
-45°	1087.0	1014.6	944.9	866.8	791.6	719.1	638.3	551.9	473.8	390.2	312.2
-47.5°	992.3	928.2	864.1	800.0	738.6	671.7	590.9	518.4	443.2	370.7	301.0
-50°	908.7	847.3	791.6	735.8	682.9	618.8	543.5	485.0	418.1	351.2	287.1
-52.5°	830.6	777.7	721.9	677.3	632.7	568.6	507.3	451.5	393.0	328.9	273.2
-55°	760.9	710.8	660.6	618.8	577.0	521.2	471.1	423.7	367.9	312.2	259.2
-57.5°	694.0	652.2	604.8	565.8	524.0	479.4	437.6	393.0	342.8	295.5	245.3
-60°	632.7	593.7	551.9	512.9	476.6	440.4	401.4	365.1	320.5	275.9	231.3
-62.5°	571.4	537.9	501.7	462.7	434.8	401.4	370.7	334.5	298.2	259.2	206.3
-65°	515.6	485.0	451.5	418.1	393.0	367.9	340.1	306.6	275.9	239.7	184.0
-67.5°	459.9	432.0	404.2	376.3	354.0	334.5	306.6	281.5	256.4	217.4	161.7
-70°	406.9	384.6	359.6	337.3	320.5	298.2	278.7	256.4	234.1	189.5	136.6
-72.5°	356.8	334.5	315.0	298.2	284.3	264.8	248.1	231.3	200.7	158.9	114.3
-75°	298.2	284.3	273.2	259.2	245.3	231.3	217.4	197.9	167.2	128.2	89.2
-77.5°	245.3	236.9	228.6	217.4	206.3	195.1	178.4	158.9	133.8	100.3	72.5
-80°	200.7	192.3	186.7	175.6	167.2	156.1	139.4	122.6	97.6	78.0	58.5
-82.5°	153.3	147.7	142.2	136.6	128.2	117.1	100.3	86.4	72.5	58.5	44.6
-85°	108.7	105.9	100.3	94.8	86.4	78.0	66.9	58.5	50.2	39.0	30.7
-87.5°	55.7	53.0	50.2	47.4	44.6	39.0	33.4	27.9	25.1	19.5	13.9
-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: P722328

CATALOG NUMBER: IFLD-L-SA7B-940-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.1	8.4	2.8	0.0
85°	22.3	13.9	5.6	0.0
82.5°	33.4	22.3	8.4	0.0
80°	44.6	27.9	13.9	0.0
77.5°	55.7	33.4	16.7	0.0
75°	66.9	41.8	19.5	0.0
72.5°	75.3	47.4	22.3	0.0
70°	89.2	55.7	25.1	0.0
67.5°	111.5	61.3	27.9	0.0
65°	131.0	66.9	30.7	0.0
62.5°	153.3	72.5	33.4	0.0
60°	172.8	78.0	36.2	0.0
57.5°	192.3	92.0	39.0	0.0
55°	209.0	103.1	41.8	0.0
52.5°	228.6	114.3	44.6	0.0
50°	245.3	125.4	47.4	0.0
47.5°	259.2	136.6	47.4	0.0
45°	270.4	144.9	50.2	0.0
42.5°	278.7	153.3	53.0	0.0
40°	287.1	161.7	55.7	0.0
37.5°	295.5	170.0	55.7	0.0
35°	303.8	178.4	58.5	0.0
32.5°	312.2	186.7	58.5	0.0
30°	317.8	192.3	61.3	0.0
27.5°	326.1	197.9	61.3	0.0
25°	328.9	203.5	64.1	0.0
22.5°	334.5	206.3	64.1	0.0
20°	340.1	211.8	64.1	0.0
17.5°	342.8	214.6	66.9	0.0
15°	342.8	217.4	69.7	0.0
12.5°	345.6	220.2	69.7	0.0
10°	345.6	225.8	66.9	0.0
7.5°	351.2	223.0	66.9	0.0
5°	348.4	223.0	66.9	0.0
2.5°	345.6	220.2	66.9	0.0
0°	342.8	220.2	66.9	0.0
-2.5°	342.8	220.2	66.9	0.0
-5°	342.8	220.2	66.9	0.0
-7.5°	340.1	223.0	66.9	0.0
-10°	334.5	223.0	66.9	0.0
-12.5°	331.7	214.6	66.9	0.0
-15°	328.9	211.8	66.9	0.0
-17.5°	323.3	209.0	64.1	0.0
-20°	317.8	206.3	64.1	0.0



REPORT NUMBER: P722328

CATALOG NUMBER: IFLD-L-SA7B-940-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	312.2	200.7	64.1	0.0
-25°	306.6	195.1	61.3	0.0
-27.5°	301.0	189.5	61.3	0.0
-30°	292.7	184.0	58.5	0.0
-32.5°	284.3	178.4	58.5	0.0
-35°	278.7	170.0	55.7	0.0
-37.5°	270.4	161.7	55.7	0.0
-40°	262.0	153.3	53.0	0.0
-42.5°	253.6	144.9	50.2	0.0
-45°	242.5	136.6	50.2	0.0
-47.5°	234.1	128.2	47.4	0.0
-50°	220.2	117.1	44.6	0.0
-52.5°	203.5	105.9	41.8	0.0
-55°	186.7	97.6	39.0	0.0
-57.5°	170.0	86.4	39.0	0.0
-60°	153.3	75.3	36.2	0.0
-62.5°	136.6	69.7	33.4	0.0
-65°	119.9	64.1	30.7	0.0
-67.5°	100.3	55.7	27.9	0.0
-70°	83.6	50.2	25.1	0.0
-72.5°	72.5	44.6	22.3	0.0
-75°	61.3	39.0	19.5	0.0
-77.5°	53.0	33.4	16.7	0.0
-80°	41.8	25.1	11.1	0.0
-82.5°	30.7	19.5	8.4	0.0
-85°	19.5	13.9	5.6	0.0
-87.5°	11.1	5.6	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)