

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: P722248

Luminaire Tested: **IFLD-L-SA8D-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722248  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8D-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

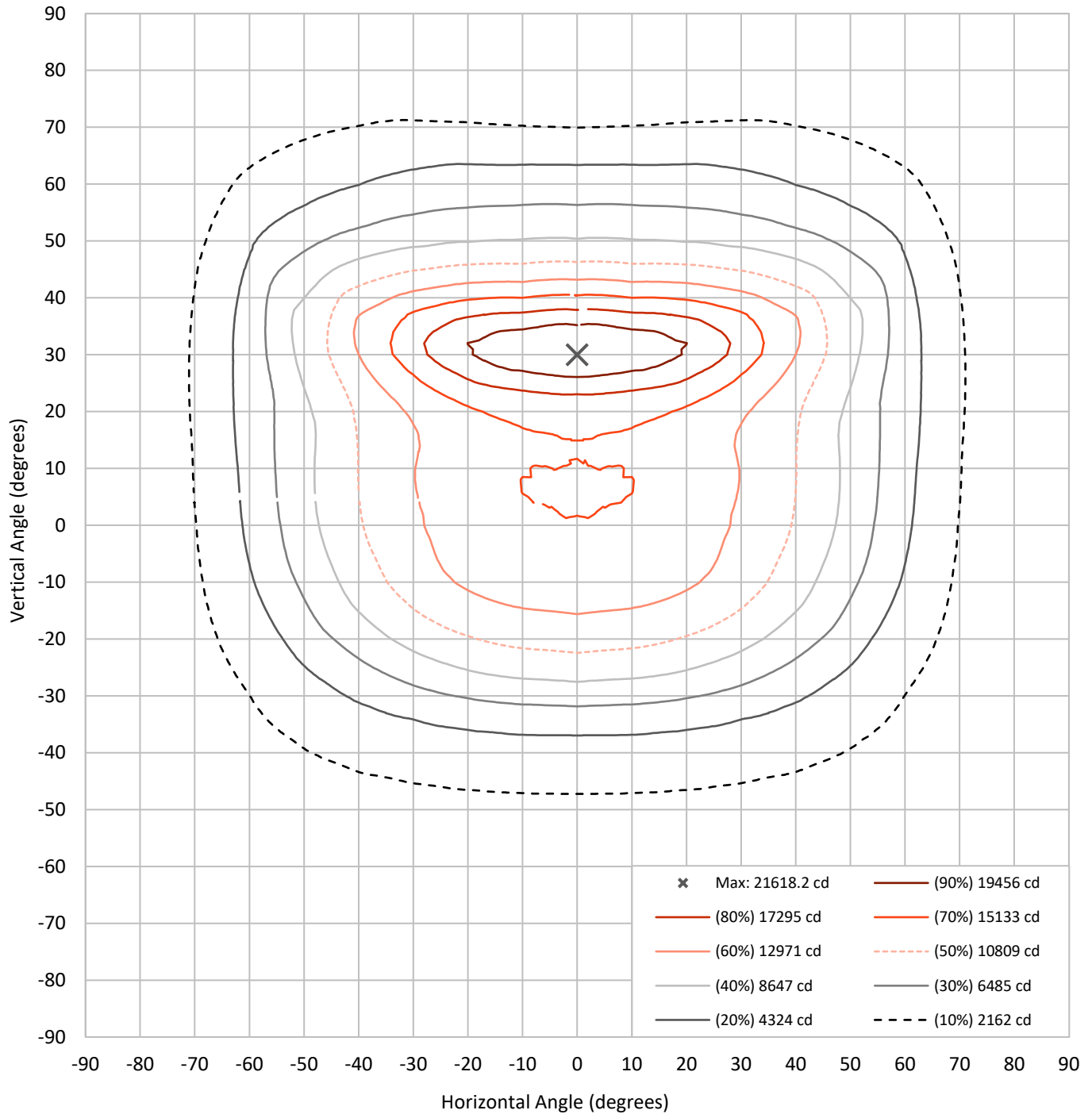
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36086.2 lumens	Max Intensity:	21618.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	73.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20984.5 lumens	Field Lumens:	33817.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3  
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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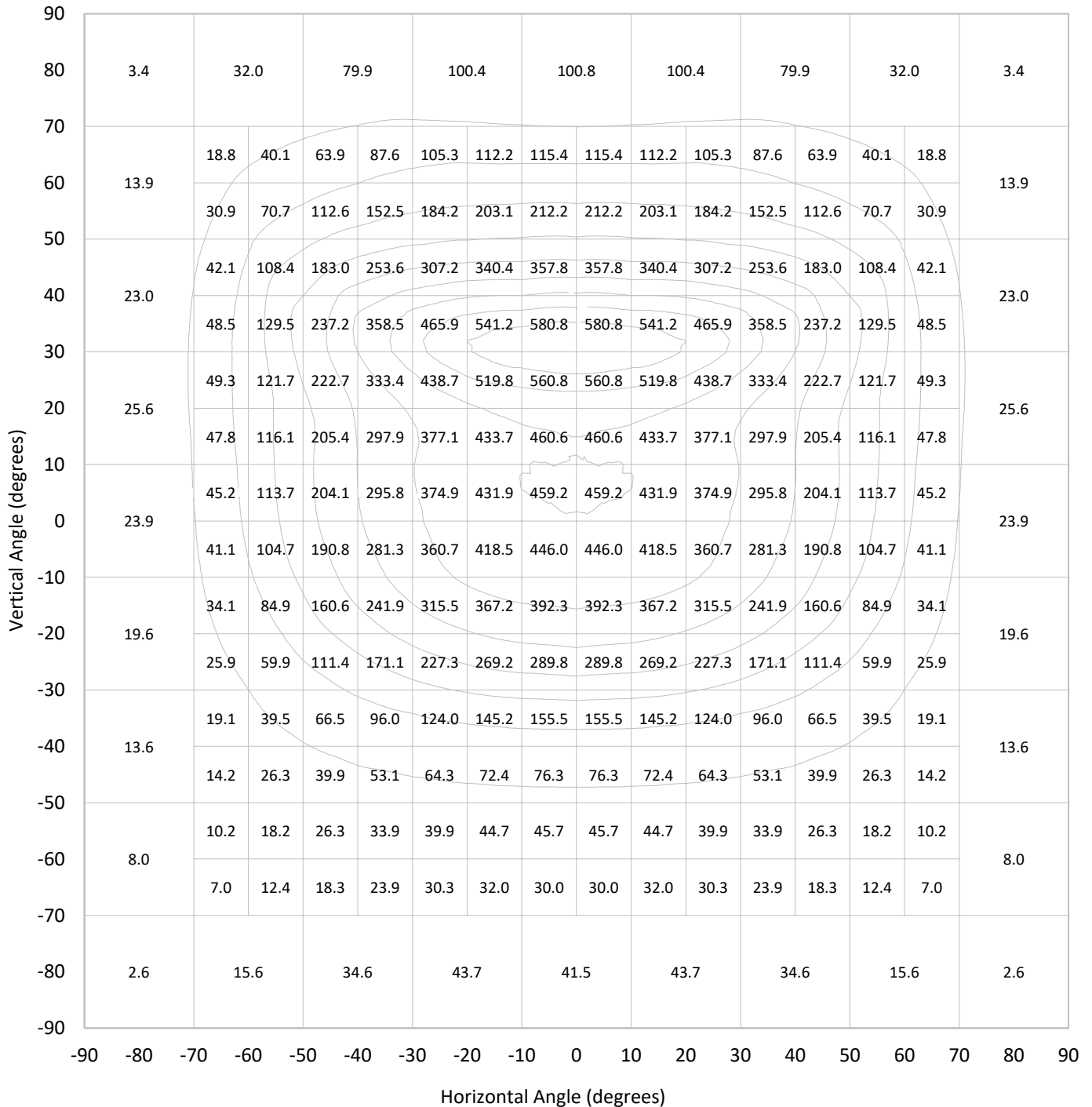
### Iso-Candela Plot





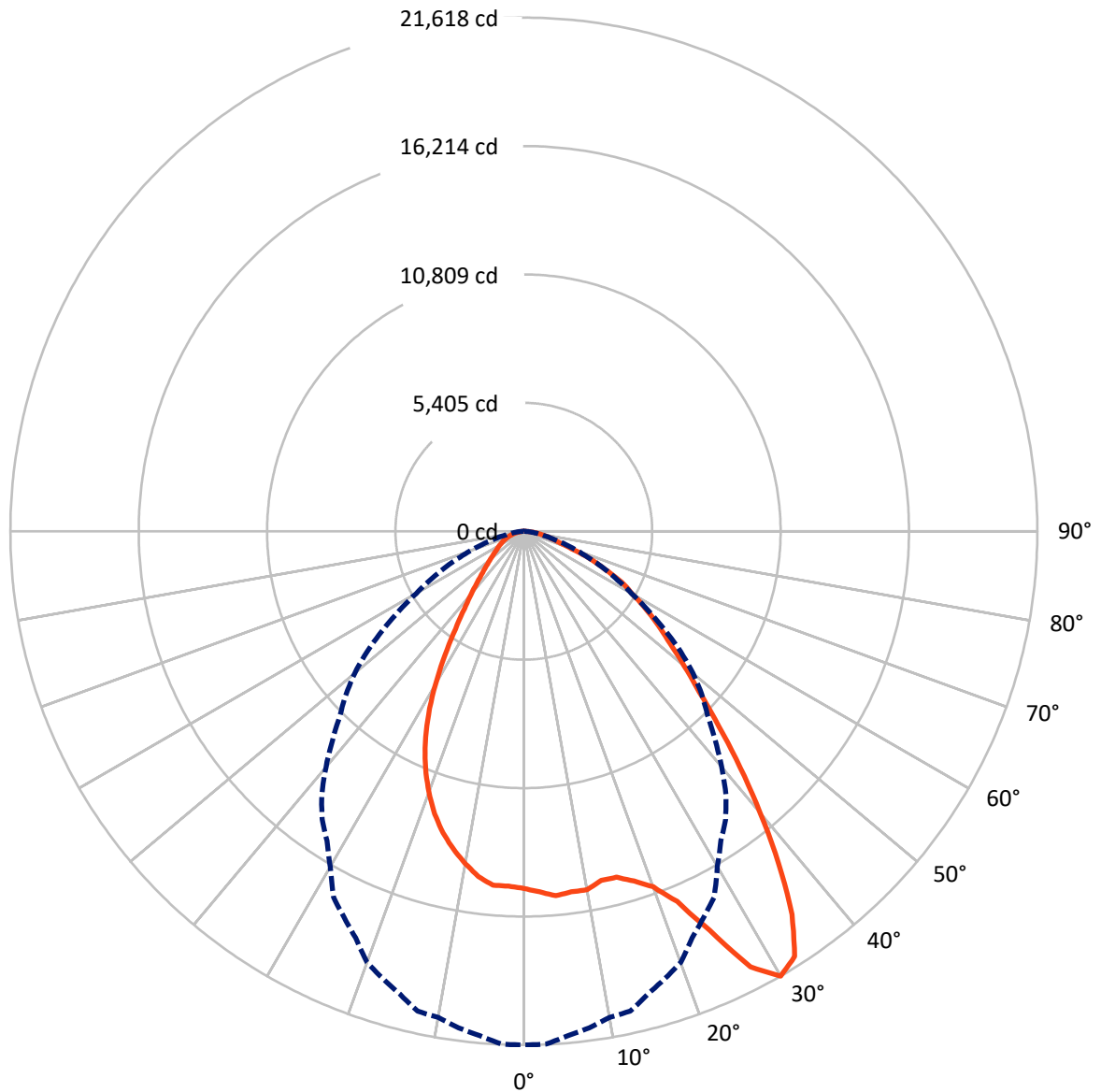
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### Lumen Table



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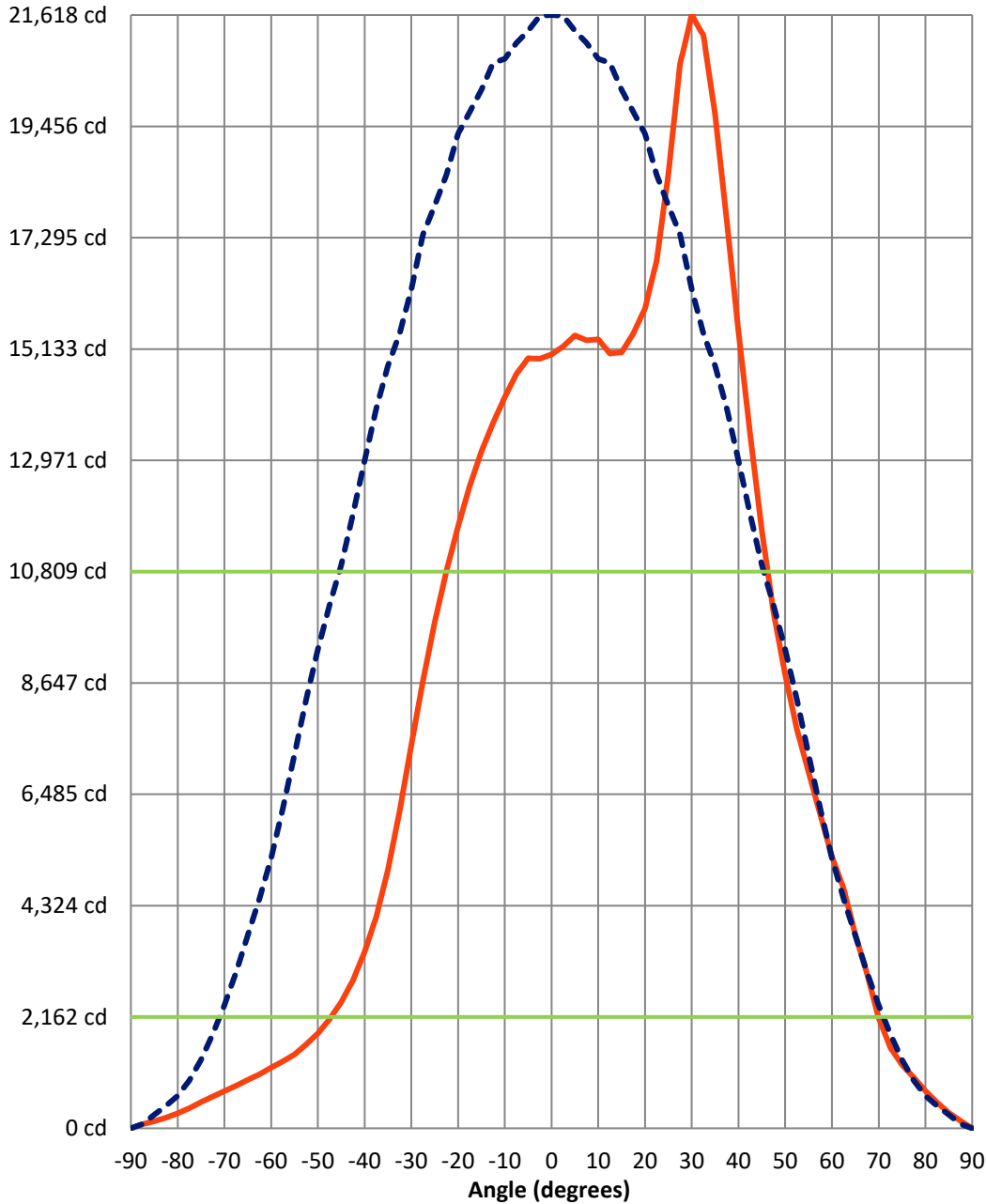
### Luminous Intensity Polar Plot



— 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: 20984.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 33817.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2268.8  
 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°	145.3	149.1	152.9	152.9	149.1	149.1	149.1	145.3	149.1	149.1	149.1
85°	302.0	309.7	317.3	313.5	309.7	302.0	294.4	298.2	302.0	305.8	305.8
82.5°	500.8	512.3	519.9	516.1	508.4	500.8	493.1	497.0	504.6	508.4	508.4
80°	726.3	730.2	734.0	741.6	730.2	730.2	726.3	741.6	749.3	756.9	764.6
77.5°	986.3	990.1	990.1	993.9	997.8	1001.6	1001.6	1028.3	1047.5	1058.9	1070.4
75°	1231.0	1242.4	1253.9	1265.4	1280.7	1288.3	1299.8	1338.0	1368.6	1391.5	1414.5
72.5°	1567.4	1582.7	1601.8	1628.5	1655.3	1674.4	1701.2	1747.0	1781.4	1804.4	1831.1
70°	2144.6	2159.9	2179.0	2198.1	2224.9	2244.0	2270.8	2328.1	2362.5	2377.8	2393.1
67.5°	3000.9	3039.2	3073.6	3035.3	3016.2	2989.5	2997.1	3050.6	3085.0	3108.0	3104.1
65°	3761.7	3788.4	3788.4	3784.6	3769.3	3734.9	3754.0	3819.0	3857.3	3876.4	3819.0
62.5°	4656.2	4656.2	4637.1	4667.7	4671.5	4648.6	4637.1	4640.9	4644.8	4656.2	4560.7
60°	5275.5	5313.8	5325.2	5352.0	5359.6	5359.6	5378.7	5394.0	5394.0	5371.1	5260.2
57.5°	6093.6	6166.2	6181.5	6162.4	6124.2	6074.5	6066.9	6043.9	5998.0	5952.2	5898.6
55°	6919.3	6957.6	6953.8	6942.3	6904.1	6846.7	6854.4	6823.8	6751.1	6693.8	6621.2
52.5°	7748.9	7840.7	7855.9	7833.0	7779.5	7718.3	7722.1	7687.7	7615.1	7553.9	7454.5
50°	8807.8	8884.3	8876.6	8838.4	8762.0	8716.1	8719.9	8654.9	8570.8	8551.7	8421.7
47.5°	10019.7	10107.6	10092.3	10038.8	9935.6	9916.5	9935.6	9851.5	9801.8	9759.7	9606.8
45°	11610.0	11713.2	11655.9	11552.6	11388.3	11407.4	11434.1	11418.8	11311.8	11200.9	11006.0
42.5°	13475.5	13540.5	13471.7	13368.5	13162.1	13200.3	13185.0	13093.2	13028.3	12844.8	12596.3
40°	15471.1	15612.5	15505.5	15344.9	15130.8	15188.2	15146.1	15027.6	14874.7	14645.3	14331.8
37.5°	17623.3	17734.2	17611.8	17424.5	17233.4	17214.3	17130.2	16946.7	16728.8	16476.5	15975.7
35°	19683.8	19970.5	19745.0	19446.8	19213.6	19125.7	19045.4	18621.1	18372.6	17963.5	17279.3
32.5°	21216.8	21427.0	21148.0	20838.3	20555.4	20433.1	20150.2	19645.6	19511.8	18651.7	18024.7
30°	21618.2	21602.9	21312.4	21075.3	20769.5	20685.4	20165.5	19737.3	19309.2	18514.0	17917.7
27.5°	20662.5	20566.9	20287.8	20081.4	19779.4	19680.0	19167.7	18938.4	18277.0	17604.2	17099.6
25°	18533.2	18582.8	18372.6	18269.4	18070.6	17856.5	17653.9	17344.2	16931.4	16342.7	15880.1
22.5°	16854.9	16919.9	16832.0	16709.7	16556.7	16438.2	16285.3	16044.5	15646.9	15283.7	14847.9
20°	15922.1	15903.0	15826.6	15734.8	15589.6	15505.5	15337.3	15134.6	14828.8	14515.3	14045.1
17.5°	15432.8	15314.3	15241.7	15207.3	15130.8	15023.8	14825.0	14618.6	14381.5	14026.0	13682.0
15°	15069.7	15088.8	15031.4	15004.7	14943.5	14794.4	14591.8	14423.6	14102.5	13922.8	13609.3
12.5°	15046.7	15027.6	15031.4	15020.0	14943.5	14752.4	14649.1	14435.1	14228.6	13991.6	13632.3
10°	15318.1	15115.5	15130.8	15184.3	15062.0	14909.1	14798.2	14565.0	14370.1	14068.1	13712.5
7.5°	15302.8	15199.6	15230.2	15142.3	15180.5	14993.2	14840.3	14607.1	14362.4	14041.3	13720.2
5°	15394.6	15237.9	15211.1	15218.7	15123.2	14981.7	14775.3	14553.6	14324.2	13964.9	13636.1
2.5°	15184.3	15207.3	15084.9	15039.1	15027.6	14790.6	14599.4	14385.4	14148.3	13831.1	13536.7
0°	15027.6	15069.7	14943.5	14878.5	14874.7	14672.1	14549.7	14305.1	14136.9	13873.1	13517.6
-2.5°	14943.5	14993.2	15008.5	14890.0	14775.3	14618.6	14412.1	14148.3	13873.1	13567.3	13261.4
-5°	14951.1	14851.8	14809.7	14847.9	14748.5	14591.8	14362.4	14129.2	13857.8	13529.0	13146.8
-7.5°	14649.1	14549.7	14542.1	14523.0	14500.1	14351.0	14159.8	13907.5	13632.3	13326.4	12970.9
-10°	14198.0	14125.4	14106.3	14087.2	14026.0	13938.1	13758.4	13529.0	13280.6	12974.7	12596.3
-12.5°	13697.3	13662.8	13590.2	13540.5	13479.4	13376.1	13204.1	12993.8	12745.4	12473.9	12149.0
-15°	13142.9	13078.0	13005.3	12963.3	12875.3	12753.0	12581.0	12386.0	12114.6	11847.0	11541.2
-17.5°	12473.9	12393.7	12313.4	12301.9	12240.7	12053.4	11892.9	11655.9	11418.8	11162.7	10864.5
-20°	11686.4	11575.6	11522.1	11491.5	11407.4	11269.7	11097.7	10879.8	10650.4	10405.8	10061.7



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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°	10814.8	10719.3	10627.5	10570.2	10497.5	10390.5	10226.1	10035.0	9809.4	9534.2	9216.9
-25°	9824.7	9690.9	9633.6	9568.6	9530.4	9431.0	9270.4	9094.5	8861.4	8593.8	8291.8
-27.5°	8693.1	8586.1	8555.5	8463.8	8417.9	8314.7	8180.9	8016.5	7802.4	7550.1	7301.6
-30°	7443.1	7378.1	7328.4	7236.6	7202.2	7091.4	7003.5	6865.8	6670.9	6491.2	6292.4
-32.5°	6158.6	6093.6	6078.3	6036.3	6013.3	5940.7	5841.3	5741.9	5585.2	5451.4	5290.8
-35°	5019.4	4973.5	4977.3	4973.5	4950.6	4897.1	4774.7	4748.0	4633.3	4511.0	4407.7
-37.5°	4109.6	4113.4	4109.6	4105.7	4075.2	4052.2	3964.3	3929.9	3861.1	3742.6	3681.4
-40°	3425.3	3432.9	3429.1	3421.4	3387.0	3375.6	3318.2	3272.4	3245.6	3161.5	3096.5
-42.5°	2871.0	2882.4	2878.6	2874.8	2851.8	2848.0	2817.4	2763.9	2748.6	2698.9	2630.1
-45°	2450.4	2446.6	2439.0	2446.6	2435.2	2423.7	2404.6	2370.2	2351.0	2328.1	2270.8
-47.5°	2117.9	2121.7	2114.0	2114.0	2098.7	2087.3	2079.6	2056.7	2041.4	2022.3	1987.9
-50°	1842.6	1857.9	1854.1	1850.3	1838.8	1831.1	1831.1	1808.2	1785.3	1777.6	1754.7
-52.5°	1628.5	1640.0	1643.8	1651.5	1655.3	1659.1	1647.6	1624.7	1586.5	1582.7	1571.2
-55°	1433.6	1468.0	1490.9	1506.2	1521.5	1533.0	1510.0	1479.4	1441.2	1425.9	1422.1
-57.5°	1299.8	1334.2	1360.9	1383.9	1403.0	1422.1	1399.2	1368.6	1334.2	1315.1	1311.2
-60°	1177.4	1208.0	1234.8	1265.4	1292.1	1322.7	1311.2	1288.3	1269.2	1253.9	1238.6
-62.5°	1047.5	1078.0	1108.6	1146.9	1181.3	1211.8	1215.7	1211.8	1208.0	1211.8	1185.1
-65°	940.4	955.7	974.8	1016.9	1055.1	1089.5	1108.6	1120.1	1139.2	1158.3	1131.6
-67.5°	825.7	844.8	867.8	898.4	929.0	951.9	978.6	1009.2	1039.8	1070.4	1051.3
-70°	722.5	737.8	756.9	772.2	791.3	806.6	829.6	864.0	898.4	929.0	921.3
-72.5°	615.5	630.8	642.2	649.9	661.4	669.0	680.5	711.0	734.0	749.3	749.3
-75°	508.4	523.7	535.2	539.0	546.7	550.5	558.1	569.6	581.1	584.9	588.7
-77.5°	389.9	405.2	416.7	424.3	432.0	439.6	443.4	451.1	454.9	454.9	458.7
-80°	290.5	302.0	309.7	321.1	324.9	332.6	340.2	344.1	347.9	347.9	351.7
-82.5°	206.4	214.1	221.7	229.4	237.0	240.8	248.5	252.3	256.1	260.0	263.8
-85°	137.6	145.3	152.9	160.6	164.4	168.2	172.0	175.9	179.7	183.5	187.3
-87.5°	80.3	84.1	87.9	95.6	99.4	107.0	110.9	107.0	110.9	110.9	110.9
-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°	149.1	149.1	149.1	149.1	145.3	137.6	133.8	126.2	118.5	110.9	103.2
85°	309.7	313.5	313.5	313.5	305.8	302.0	290.5	279.1	263.8	240.8	221.7
82.5°	516.1	519.9	519.9	516.1	508.4	497.0	481.7	462.6	432.0	401.4	374.6
80°	776.0	779.9	779.9	776.0	756.9	737.8	718.7	695.8	657.5	615.5	569.6
77.5°	1085.7	1093.3	1093.3	1081.9	1055.1	1032.2	1001.6	963.4	906.0	844.8	783.7
75°	1445.0	1464.1	1468.0	1456.5	1422.1	1380.0	1330.3	1265.4	1177.4	1101.0	1028.3
72.5°	1861.7	1880.8	1896.1	1880.8	1831.1	1773.8	1701.2	1624.7	1536.8	1433.6	1311.2
70°	2408.4	2427.5	2439.0	2389.3	2301.4	2205.8	2117.9	2029.9	1926.7	1800.6	1666.8
67.5°	3096.5	3077.4	3054.5	2955.1	2844.2	2729.5	2607.2	2477.2	2343.4	2209.6	2052.9
65°	3757.9	3704.3	3654.6	3536.1	3394.7	3245.6	3104.1	2958.9	2798.3	2630.1	2481.0
62.5°	4453.6	4338.9	4216.6	4071.3	3926.1	3761.7	3620.2	3448.2	3268.5	3062.1	2871.0
60°	5137.9	5000.3	4877.9	4698.3	4507.1	4285.4	4132.5	3964.3	3754.0	3532.3	3306.8
57.5°	5799.3	5650.2	5516.4	5359.6	5153.2	4912.4	4744.2	4526.2	4304.5	4025.5	3796.1
55°	6502.7	6353.6	6246.5	6070.7	5845.1	5623.4	5439.9	5210.5	4900.9	4602.7	4319.8
52.5°	7309.3	7190.8	7076.1	6896.4	6625.0	6399.4	6196.8	5940.7	5615.8	5248.8	4908.5
50°	8211.5	8150.3	8028.0	7817.7	7508.1	7309.3	7041.7	6701.4	6353.6	5967.5	5543.1
47.5°	9408.0	9308.6	9136.6	8907.2	8647.3	8349.1	7989.7	7592.2	7099.0	6670.9	6219.8
45°	10837.8	10654.3	10432.5	10122.9	9801.8	9465.4	9071.6	8567.0	7905.6	7347.5	6873.5
42.5°	12386.0	12137.5	11835.5	11430.3	11013.6	10600.7	10176.4	9488.3	8662.6	8020.3	7485.1
40°	14003.1	13685.8	13307.3	12718.6	12256.0	11724.7	11239.2	10210.8	9331.6	8635.8	8066.2
37.5°	15585.7	15184.3	14549.7	13834.9	13295.9	12860.0	11793.5	10692.5	9905.0	9140.4	8563.2
35°	16797.6	16457.3	15337.3	14595.6	14133.1	13444.9	12110.8	10983.0	10149.7	9515.1	8616.7
32.5°	17516.3	16637.0	15654.5	14905.3	14523.0	13395.2	12133.7	11067.1	10264.3	9553.3	8479.1
30°	17355.7	16293.0	15432.8	14805.9	13976.3	12963.3	11919.6	10937.2	10157.3	9297.2	8326.2
27.5°	16388.5	15566.6	14798.2	14144.5	13330.3	12420.4	11457.1	10593.1	9866.8	9033.4	8115.9
25°	15295.2	14549.7	13980.1	13410.5	12638.3	11770.5	10921.9	10298.7	9568.6	8746.7	7840.7
22.5°	14289.8	13754.6	13307.3	12711.0	11957.9	11200.9	10673.4	10027.3	9278.0	8444.7	7557.8
20°	13647.6	13284.4	12772.1	12114.6	11522.1	11048.0	10463.1	9778.8	9006.6	8135.0	7316.9
17.5°	13337.9	12917.4	12347.8	11919.6	11464.7	10944.8	10291.1	9564.8	8742.8	7993.6	7343.7
15°	13177.3	12733.9	12359.3	11938.7	11426.5	10879.8	10153.5	9400.4	8742.8	8050.9	7362.8
12.5°	13211.8	12829.5	12420.4	11961.7	11411.2	10826.3	10168.8	9469.2	8788.7	8093.0	7366.6
10°	13318.8	12917.4	12481.6	11973.1	11418.8	10841.6	10210.8	9511.2	8811.7	8112.1	7359.0
7.5°	13357.0	12921.2	12454.8	11942.6	11399.7	10833.9	10218.5	9522.7	8815.5	8108.3	7336.0
5°	13238.5	12844.8	12393.7	11877.6	11346.2	10795.7	10187.9	9507.4	8784.9	8070.0	7278.7
2.5°	13078.0	12760.7	12328.7	11831.7	11292.7	10742.2	10138.2	9438.6	8716.1	8001.2	7206.1
0°	13051.2	12657.4	12221.6	11778.2	11204.8	10623.7	10023.5	9308.6	8589.9	7871.2	7079.9
-2.5°	12875.3	12458.7	12022.8	11541.2	11036.6	10451.7	9820.9	9121.3	8410.3	7703.0	6942.3
-5°	12741.5	12279.0	11816.4	11296.5	10788.1	10203.2	9549.5	8869.0	8173.2	7485.1	6751.1
-7.5°	12561.9	12087.8	11602.3	11059.5	10509.0	9912.6	9266.6	8586.1	7901.8	7217.5	6514.1
-10°	12198.7	11782.0	11327.1	10765.1	10184.1	9587.7	8945.5	8276.5	7592.2	6900.2	6193.0
-12.5°	11759.1	11319.4	10822.5	10306.4	9786.5	9232.2	8589.9	7932.4	7244.3	6548.5	5845.1
-15°	11189.5	10757.5	10249.0	9744.4	9243.6	8712.3	8146.5	7553.9	6854.4	6170.1	5466.7
-17.5°	10478.4	10073.2	9618.3	9136.6	8639.6	8104.4	7553.9	7053.1	6399.4	5757.2	5061.4
-20°	9713.8	9335.4	8926.3	8471.4	7974.5	7450.7	6930.8	6407.1	5841.3	5275.5	4629.5



REPORT NUMBER: P722248  
 CATALOG NUMBER: IFLD-L-SA8D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8918.7	8536.4	8123.5	7699.2	7240.5	6755.0	6273.3	5772.5	5275.5	4763.3	4216.6
-25°	8001.2	7664.8	7286.3	6873.5	6464.4	6040.1	5581.4	5126.4	4702.1	4258.6	3811.4
-27.5°	7041.7	6732.0	6388.0	6028.6	5676.9	5321.4	4923.8	4503.3	4151.6	3784.6	3413.8
-30°	6032.4	5784.0	5504.9	5191.4	4920.0	4633.3	4300.7	3952.8	3631.7	3352.6	3054.5
-32.5°	5076.7	4866.5	4667.7	4461.3	4193.7	3971.9	3742.6	3486.4	3203.5	2939.8	2725.7
-35°	4254.8	4029.3	3945.2	3792.3	3601.1	3406.2	3237.9	3054.5	2840.4	2607.2	2431.3
-37.5°	3562.9	3429.1	3310.6	3226.5	3100.3	2943.6	2809.8	2676.0	2511.6	2335.8	2159.9
-40°	3023.9	2932.1	2802.1	2760.1	2679.8	2572.8	2435.2	2331.9	2221.1	2087.3	1938.2
-42.5°	2591.9	2523.1	2439.0	2366.3	2331.9	2255.5	2148.4	2049.0	1961.1	1869.4	1754.7
-45°	2236.4	2190.5	2137.0	2072.0	2045.2	1984.1	1907.6	1796.7	1747.0	1670.6	1586.5
-47.5°	1949.7	1926.7	1888.5	1846.4	1808.2	1762.3	1693.5	1624.7	1555.9	1506.2	1441.2
-50°	1724.1	1708.8	1685.9	1651.5	1601.8	1571.2	1525.3	1464.1	1399.2	1357.1	1311.2
-52.5°	1544.4	1529.1	1513.8	1487.1	1448.9	1418.3	1380.0	1330.3	1276.8	1234.8	1196.6
-55°	1406.8	1383.9	1372.4	1349.5	1318.9	1284.5	1250.1	1215.7	1169.8	1131.6	1093.3
-57.5°	1299.8	1269.2	1253.9	1234.8	1204.2	1169.8	1143.0	1108.6	1078.0	1036.0	1001.6
-60°	1215.7	1181.3	1150.7	1131.6	1104.8	1070.4	1043.6	1016.9	986.3	951.9	909.8
-62.5°	1146.9	1104.8	1062.8	1039.8	1013.1	982.5	955.7	929.0	898.4	864.0	825.7
-65°	1081.9	1032.2	978.6	955.7	929.0	898.4	864.0	844.8	818.1	787.5	749.3
-67.5°	1001.6	948.1	902.2	875.4	848.7	821.9	791.3	772.2	745.5	707.2	669.0
-70°	883.1	848.7	818.1	795.2	772.2	749.3	718.7	688.1	657.5	623.1	588.7
-72.5°	734.0	722.5	718.7	707.2	680.5	653.7	623.1	592.5	565.8	539.0	512.3
-75°	592.5	600.2	607.8	604.0	577.2	550.5	523.7	497.0	477.9	454.9	432.0
-77.5°	470.2	477.9	485.5	485.5	466.4	451.1	432.0	412.9	397.6	378.5	355.5
-80°	363.2	374.6	386.1	393.8	378.5	367.0	351.7	336.4	321.1	305.8	290.5
-82.5°	275.2	286.7	298.2	305.8	294.4	286.7	275.2	263.8	252.3	237.0	225.5
-85°	198.8	206.4	214.1	217.9	210.3	202.6	195.0	187.3	179.7	168.2	160.6
-87.5°	114.7	118.5	122.3	126.2	118.5	110.9	107.0	99.4	95.6	87.9	84.1
-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: P722248  
 CATALOG NUMBER: IFLD-L-SA8D-927-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°	95.6	87.9	80.3	76.5	68.8	57.3	49.7	42.1	34.4	26.8	22.9
85°	202.6	183.5	160.6	149.1	133.8	118.5	103.2	87.9	72.6	57.3	42.1
82.5°	347.9	324.9	302.0	275.2	240.8	198.8	156.7	130.0	107.0	84.1	65.0
80°	523.7	481.7	443.4	409.0	370.8	317.3	260.0	206.4	145.3	110.9	84.1
77.5°	726.3	676.6	623.1	565.8	504.6	432.0	367.0	298.2	225.5	152.9	107.0
75°	955.7	890.7	818.1	737.8	657.5	562.0	470.2	389.9	305.8	214.1	130.0
72.5°	1211.8	1131.6	1043.6	936.6	810.4	699.6	588.7	481.7	382.3	271.4	175.9
70°	1540.6	1414.5	1284.5	1169.8	1009.2	833.4	703.4	581.1	454.9	332.6	221.7
67.5°	1892.3	1739.4	1582.7	1414.5	1211.8	1005.4	818.1	680.5	531.4	389.9	263.8
65°	2274.6	2083.5	1884.7	1697.3	1418.3	1173.6	963.4	776.0	604.0	443.4	305.8
62.5°	2668.3	2442.8	2213.4	1968.8	1647.6	1345.6	1101.0	883.1	672.8	493.1	344.1
60°	3088.9	2825.1	2546.0	2240.2	1865.5	1533.0	1231.0	993.9	745.5	542.8	386.1
57.5°	3532.3	3245.6	2916.8	2504.0	2091.1	1712.6	1380.0	1093.3	810.4	588.7	416.7
55°	4014.0	3685.2	3325.9	2779.2	2312.8	1892.3	1529.1	1192.7	879.3	626.9	447.3
52.5°	4533.9	4151.6	3696.7	3069.7	2546.0	2075.8	1666.8	1280.7	944.2	669.0	474.0
50°	5115.0	4633.3	4021.6	3337.3	2748.6	2247.8	1804.4	1376.2	997.8	714.9	497.0
47.5°	5719.0	5199.1	4312.2	3585.8	2955.1	2416.0	1945.8	1460.3	1051.3	753.1	519.9
45°	6349.7	5592.8	4614.2	3807.6	3134.7	2569.0	2052.9	1536.8	1116.3	787.5	539.0
42.5°	6972.9	5891.0	4877.9	4029.3	3302.9	2706.6	2140.8	1609.4	1169.8	821.9	558.1
40°	7267.2	6116.6	5088.2	4182.2	3444.4	2828.9	2217.2	1674.4	1215.7	844.8	577.2
37.5°	7389.6	6254.2	5225.8	4327.5	3555.2	2893.9	2282.2	1731.7	1253.9	867.8	592.5
35°	7416.3	6303.9	5294.6	4426.9	3647.0	2955.1	2331.9	1773.8	1284.5	890.7	607.8
32.5°	7366.6	6288.6	5313.8	4461.3	3704.3	3000.9	2366.3	1804.4	1307.4	913.7	623.1
30°	7255.8	6208.3	5244.9	4457.4	3746.4	3027.7	2389.3	1827.3	1330.3	929.0	630.8
27.5°	7076.1	6066.9	5157.0	4461.3	3769.3	3039.2	2400.7	1838.8	1345.6	940.4	646.1
25°	6854.4	5875.7	5160.8	4453.6	3773.1	3043.0	2400.7	1838.8	1349.5	944.2	657.5
22.5°	6598.2	5875.7	5160.8	4442.1	3750.2	3035.3	2389.3	1831.1	1349.5	951.9	669.0
20°	6613.5	5879.5	5149.4	4419.2	3715.8	3012.4	2362.5	1812.0	1338.0	963.4	676.6
17.5°	6625.0	5871.9	5126.4	4388.6	3669.9	2974.2	2328.1	1785.3	1338.0	974.8	680.5
15°	6625.0	5849.0	5092.0	4342.8	3612.6	2920.7	2278.4	1762.3	1341.8	978.6	688.1
12.5°	6613.5	5806.9	5038.5	4281.6	3543.8	2855.7	2247.8	1754.7	1341.8	982.5	688.1
10°	6590.6	5749.6	4969.7	4205.1	3478.8	2832.7	2232.5	1739.4	1334.2	982.5	688.1
7.5°	6548.5	5680.7	4912.4	4159.3	3440.6	2806.0	2209.6	1716.5	1322.7	974.8	695.8
5°	6483.5	5642.5	4866.5	4105.7	3387.0	2786.9	2194.3	1697.3	1315.1	974.8	688.1
2.5°	6399.4	5596.6	4813.0	4036.9	3325.9	2721.9	2144.6	1655.3	1288.3	959.5	680.5
0°	6261.8	5504.9	4721.2	3941.4	3241.8	2656.9	2094.9	1613.2	1261.5	944.2	672.8
-2.5°	6135.7	5382.6	4602.7	3842.0	3161.5	2599.5	2056.7	1590.3	1250.1	940.4	669.0
-5°	5959.8	5214.4	4446.0	3712.0	3054.5	2542.2	2018.5	1563.5	1238.6	932.8	669.0
-7.5°	5764.8	5038.5	4281.6	3578.2	2947.4	2442.8	1945.8	1521.5	1211.8	917.5	665.2
-10°	5462.8	4774.7	4075.2	3425.3	2832.7	2354.9	1884.7	1483.3	1188.9	902.2	649.9
-12.5°	5141.7	4484.2	3838.1	3237.9	2702.8	2263.1	1815.9	1441.2	1162.1	886.9	642.2
-15°	4801.5	4186.0	3589.7	3043.0	2561.3	2152.3	1743.2	1395.3	1135.4	867.8	630.8
-17.5°	4446.0	3872.5	3333.5	2844.2	2419.9	2037.6	1666.8	1353.3	1104.8	848.7	619.3
-20°	4071.3	3551.4	3073.6	2641.6	2270.8	1922.9	1586.5	1303.6	1070.4	825.7	604.0



REPORT NUMBER: P722248

CATALOG NUMBER: IFLD-L-SA8D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3700.5	3234.1	2806.0	2442.8	2117.9	1804.4	1506.2	1253.9	1032.2	799.0	592.5
-25°	3371.7	2935.9	2569.0	2251.7	1968.8	1689.7	1422.1	1204.2	990.1	772.2	577.2
-27.5°	3050.6	2679.8	2335.8	2072.0	1823.5	1578.8	1341.8	1150.7	948.1	741.6	562.0
-30°	2752.4	2435.2	2152.3	1896.1	1685.9	1479.4	1273.0	1097.2	902.2	711.0	542.8
-32.5°	2481.0	2224.9	1987.9	1743.2	1555.9	1380.0	1208.0	1043.6	856.3	680.5	523.7
-35°	2228.7	2029.9	1823.5	1617.1	1425.9	1288.3	1139.2	986.3	814.3	646.1	504.6
-37.5°	2003.2	1842.6	1678.2	1502.4	1338.0	1200.4	1074.2	929.0	772.2	615.5	485.5
-40°	1808.2	1678.2	1533.0	1391.5	1253.9	1123.9	1009.2	871.6	730.2	592.5	466.4
-42.5°	1628.5	1529.1	1410.6	1292.1	1169.8	1055.1	944.2	810.4	688.1	565.8	447.3
-45°	1490.9	1391.5	1295.9	1188.9	1085.7	986.3	875.4	756.9	649.9	535.2	428.2
-47.5°	1360.9	1273.0	1185.1	1097.2	1013.1	921.3	810.4	711.0	607.8	508.4	412.9
-50°	1246.2	1162.1	1085.7	1009.2	936.6	848.7	745.5	665.2	573.4	481.7	393.8
-52.5°	1139.2	1066.6	990.1	929.0	867.8	779.9	695.8	619.3	539.0	451.1	374.6
-55°	1043.6	974.8	906.0	848.7	791.3	714.9	646.1	581.1	504.6	428.2	355.5
-57.5°	951.9	894.5	829.6	776.0	718.7	657.5	600.2	539.0	470.2	405.2	336.4
-60°	867.8	814.3	756.9	703.4	653.7	604.0	550.5	500.8	439.6	378.5	317.3
-62.5°	783.7	737.8	688.1	634.6	596.4	550.5	508.4	458.7	409.0	355.5	282.9
-65°	707.2	665.2	619.3	573.4	539.0	504.6	466.4	420.5	378.5	328.8	252.3
-67.5°	630.8	592.5	554.3	516.1	485.5	458.7	420.5	386.1	351.7	298.2	221.7
-70°	558.1	527.6	493.1	462.6	439.6	409.0	382.3	351.7	321.1	260.0	187.3
-72.5°	489.3	458.7	432.0	409.0	389.9	363.2	340.2	317.3	275.2	217.9	156.7
-75°	409.0	389.9	374.6	355.5	336.4	317.3	298.2	271.4	229.4	175.9	122.3
-77.5°	336.4	324.9	313.5	298.2	282.9	267.6	244.7	217.9	183.5	137.6	99.4
-80°	275.2	263.8	256.1	240.8	229.4	214.1	191.1	168.2	133.8	107.0	80.3
-82.5°	210.3	202.6	195.0	187.3	175.9	160.6	137.6	118.5	99.4	80.3	61.2
-85°	149.1	145.3	137.6	130.0	118.5	107.0	91.7	80.3	68.8	53.5	42.1
-87.5°	76.5	72.6	68.8	65.0	61.2	53.5	45.9	38.2	34.4	26.8	19.1
-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: P722248

CATALOG NUMBER: IFLD-L-SA8D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.3	11.5	3.8	0.0
85°	30.6	19.1	7.6	0.0
82.5°	45.9	30.6	11.5	0.0
80°	61.2	38.2	19.1	0.0
77.5°	76.5	45.9	22.9	0.0
75°	91.7	57.3	26.8	0.0
72.5°	103.2	65.0	30.6	0.0
70°	122.3	76.5	34.4	0.0
67.5°	152.9	84.1	38.2	0.0
65°	179.7	91.7	42.1	0.0
62.5°	210.3	99.4	45.9	0.0
60°	237.0	107.0	49.7	0.0
57.5°	263.8	126.2	53.5	0.0
55°	286.7	141.4	57.3	0.0
52.5°	313.5	156.7	61.2	0.0
50°	336.4	172.0	65.0	0.0
47.5°	355.5	187.3	65.0	0.0
45°	370.8	198.8	68.8	0.0
42.5°	382.3	210.3	72.6	0.0
40°	393.8	221.7	76.5	0.0
37.5°	405.2	233.2	76.5	0.0
35°	416.7	244.7	80.3	0.0
32.5°	428.2	256.1	80.3	0.0
30°	435.8	263.8	84.1	0.0
27.5°	447.3	271.4	84.1	0.0
25°	451.1	279.1	87.9	0.0
22.5°	458.7	282.9	87.9	0.0
20°	466.4	290.5	87.9	0.0
17.5°	470.2	294.4	91.7	0.0
15°	470.2	298.2	95.6	0.0
12.5°	474.0	302.0	95.6	0.0
10°	474.0	309.7	91.7	0.0
7.5°	481.7	305.8	91.7	0.0
5°	477.9	305.8	91.7	0.0
2.5°	474.0	302.0	91.7	0.0
0°	470.2	302.0	91.7	0.0
-2.5°	470.2	302.0	91.7	0.0
-5°	470.2	302.0	91.7	0.0
-7.5°	466.4	305.8	91.7	0.0
-10°	458.7	305.8	91.7	0.0
-12.5°	454.9	294.4	91.7	0.0
-15°	451.1	290.5	91.7	0.0
-17.5°	443.4	286.7	87.9	0.0
-20°	435.8	282.9	87.9	0.0



REPORT NUMBER: P722248

CATALOG NUMBER: IFLD-L-SA8D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	428.2	275.2	87.9	0.0
-25°	420.5	267.6	84.1	0.0
-27.5°	412.9	260.0	84.1	0.0
-30°	401.4	252.3	80.3	0.0
-32.5°	389.9	244.7	80.3	0.0
-35°	382.3	233.2	76.5	0.0
-37.5°	370.8	221.7	76.5	0.0
-40°	359.3	210.3	72.6	0.0
-42.5°	347.9	198.8	68.8	0.0
-45°	332.6	187.3	68.8	0.0
-47.5°	321.1	175.9	65.0	0.0
-50°	302.0	160.6	61.2	0.0
-52.5°	279.1	145.3	57.3	0.0
-55°	256.1	133.8	53.5	0.0
-57.5°	233.2	118.5	53.5	0.0
-60°	210.3	103.2	49.7	0.0
-62.5°	187.3	95.6	45.9	0.0
-65°	164.4	87.9	42.1	0.0
-67.5°	137.6	76.5	38.2	0.0
-70°	114.7	68.8	34.4	0.0
-72.5°	99.4	61.2	30.6	0.0
-75°	84.1	53.5	26.8	0.0
-77.5°	72.6	45.9	22.9	0.0
-80°	57.3	34.4	15.3	0.0
-82.5°	42.1	26.8	11.5	0.0
-85°	26.8	19.1	7.6	0.0
-87.5°	15.3	7.6	3.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)