

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: P722301

Luminaire Tested: **IFLD-L-SA7D-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722301
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

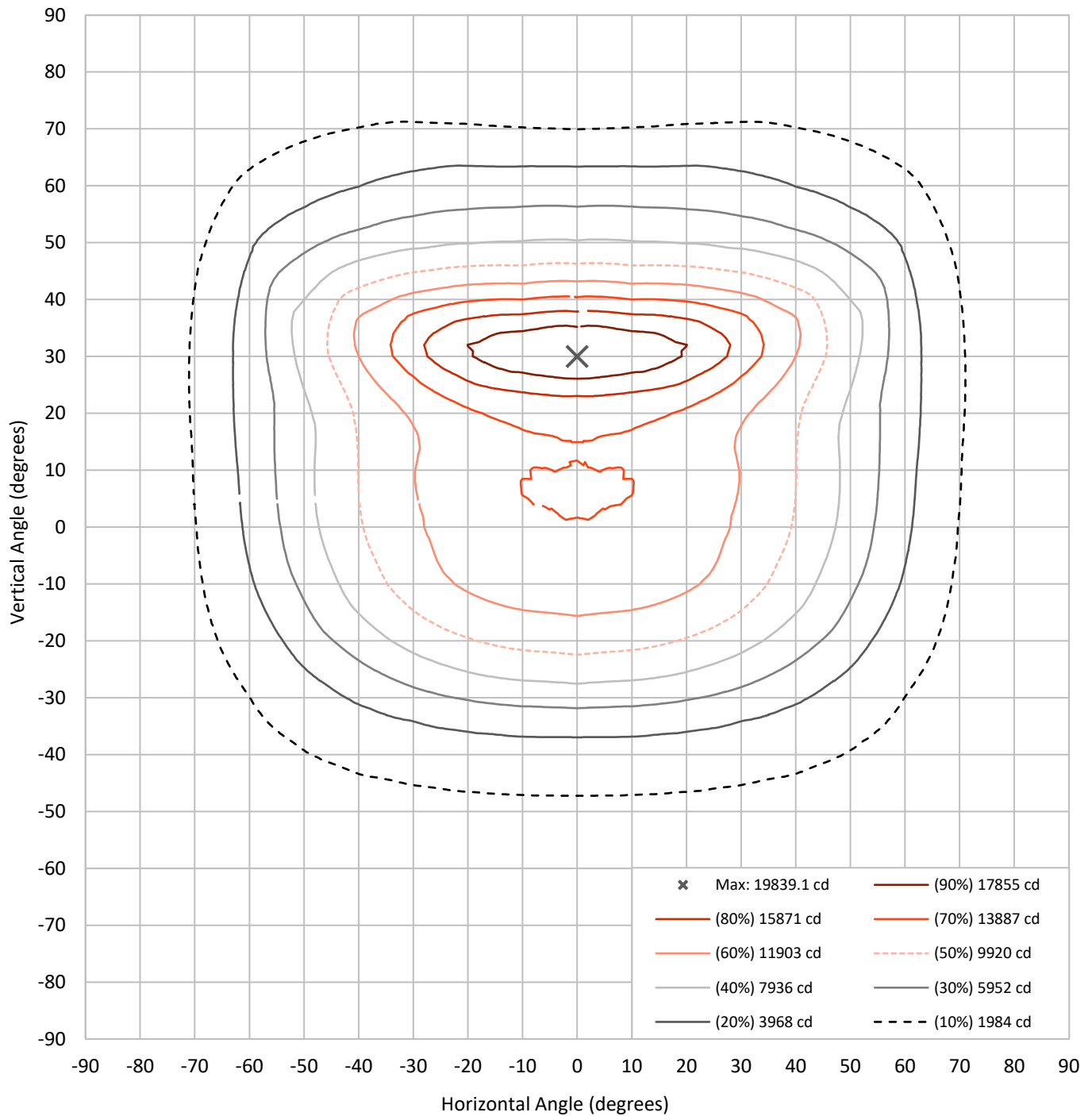
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33116.4 lumens	Max Intensity:	19839.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19257.6 lumens	Field Lumens:	31034.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 422.6
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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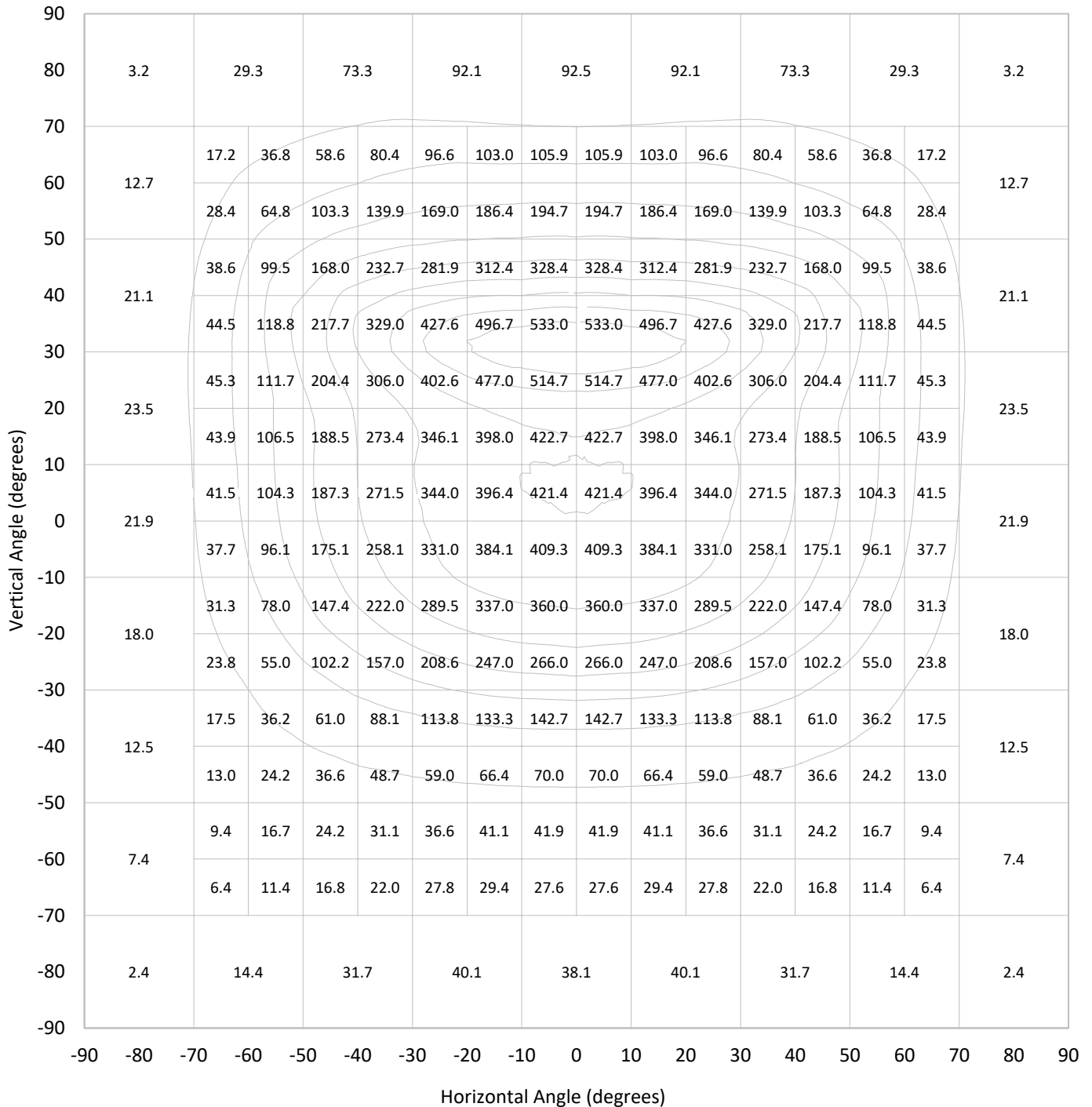
Iso-Candela Plot





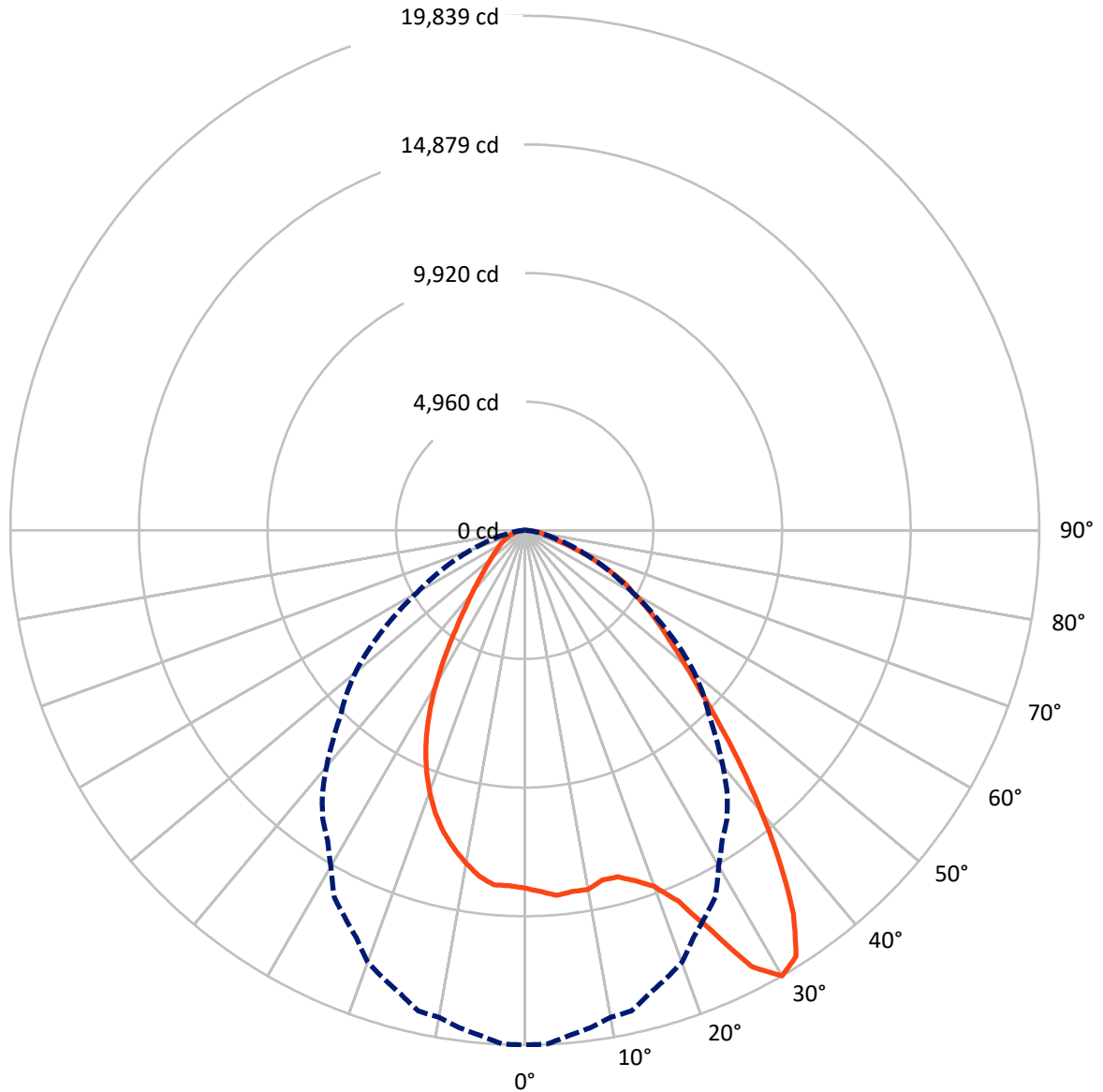
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Lumen Table



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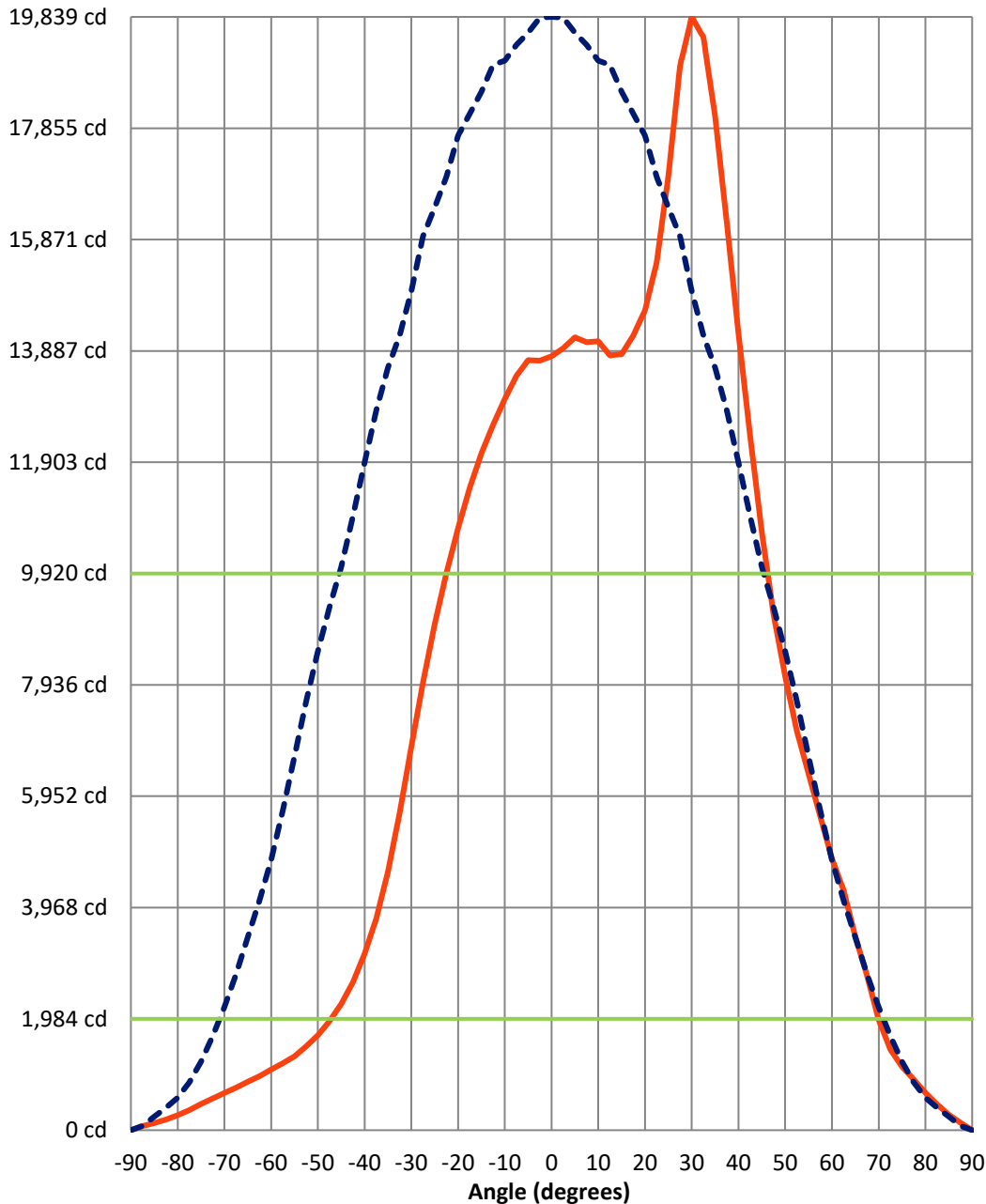
Luminous Intensity Polar Plot



— 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: 19257.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 31034.4
 Efficiency: 93.7%

Spill:
 Lumens: 2082.1
 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°	133.3	136.8	140.3	140.3	136.8	136.8	136.8	133.3	136.8	136.8	136.8
85°	277.2	284.2	291.2	287.7	284.2	277.2	270.1	273.6	277.2	280.7	280.7
82.5°	459.6	470.1	477.1	473.6	466.6	459.6	452.6	456.1	463.1	466.6	466.6
80°	666.6	670.1	673.6	680.6	670.1	670.1	666.6	680.6	687.6	694.6	701.6
77.5°	905.1	908.6	908.6	912.1	915.7	919.2	919.2	943.7	961.3	971.8	982.3
75°	1129.7	1140.2	1150.7	1161.2	1175.3	1182.3	1192.8	1227.9	1256.0	1277.0	1298.0
72.5°	1438.4	1452.4	1470.0	1494.5	1519.1	1536.6	1561.2	1603.3	1634.8	1655.9	1680.4
70°	1968.1	1982.2	1999.7	2017.2	2041.8	2059.3	2083.9	2136.5	2168.1	2182.1	2196.2
67.5°	2754.0	2789.1	2820.6	2785.5	2768.0	2743.4	2750.5	2799.6	2831.2	2852.2	2848.7
65°	3452.1	3476.7	3476.7	3473.2	3459.1	3427.6	3445.1	3504.7	3539.8	3557.4	3504.7
62.5°	4273.0	4273.0	4255.5	4283.6	4287.1	4266.0	4255.5	4259.0	4262.5	4273.0	4185.3
60°	4841.4	4876.5	4887.0	4911.5	4918.6	4918.6	4936.1	4950.1	4950.1	4929.1	4827.3
57.5°	5592.1	5658.8	5672.8	5655.3	5620.2	5574.6	5567.6	5546.5	5504.4	5462.3	5413.2
55°	6349.9	6385.0	6381.5	6371.0	6335.9	6283.3	6290.3	6262.2	6195.6	6142.9	6076.3
52.5°	7111.2	7195.4	7209.4	7188.4	7139.3	7083.1	7086.6	7055.1	6988.4	6932.3	6841.1
50°	8083.0	8153.2	8146.1	8111.1	8040.9	7998.8	8002.3	7942.7	7865.5	7847.9	7728.7
47.5°	9195.1	9275.8	9261.8	9212.6	9117.9	9100.4	9117.9	9040.7	8995.1	8956.5	8816.2
45°	10654.5	10749.2	10696.6	10601.9	10451.0	10468.6	10493.1	10479.1	10380.9	10279.1	10100.2
42.5°	12366.5	12426.2	12363.0	12268.3	12078.9	12114.0	12099.9	12015.7	11956.1	11787.7	11559.7
40°	14197.9	14327.7	14229.4	14082.1	13885.6	13938.2	13899.6	13790.9	13650.6	13440.1	13152.4
37.5°	16173.0	16274.7	16162.5	15990.6	15815.1	15797.6	15720.4	15552.0	15352.1	15120.5	14660.9
35°	18063.9	18327.0	18120.1	17846.4	17632.4	17551.7	17478.1	17088.6	16860.6	16485.2	15857.2
32.5°	19470.7	19663.7	19407.6	19123.4	18863.8	18751.5	18491.9	18028.8	17906.1	17116.7	16541.4
30°	19839.1	19825.1	19558.4	19340.9	19060.3	18983.1	18506.0	18113.0	17720.1	16990.4	16443.1
27.5°	18962.0	18874.3	18618.2	18428.8	18151.6	18060.4	17590.3	17379.8	16772.9	16155.4	15692.4
25°	17008.0	17053.6	16860.6	16765.9	16583.5	16387.0	16201.1	15916.9	15538.0	14997.7	14573.2
22.5°	15467.8	15527.5	15446.8	15334.5	15194.2	15085.4	14945.1	14724.1	14359.2	14025.9	13626.0
20°	14611.8	14594.3	14524.1	14439.9	14306.6	14229.4	14075.1	13889.1	13608.5	13320.8	12889.3
17.5°	14162.8	14054.0	13987.4	13955.8	13885.6	13787.4	13605.0	13415.5	13198.0	12871.7	12556.0
15°	13829.5	13847.0	13794.4	13769.8	13713.7	13576.9	13391.0	13236.6	12941.9	12777.0	12489.3
12.5°	13808.4	13790.9	13794.4	13783.9	13713.7	13538.3	13443.6	13247.1	13057.7	12840.2	12510.4
10°	14057.5	13871.6	13885.6	13934.7	13822.5	13682.1	13580.4	13366.4	13187.5	12910.3	12584.1
7.5°	14043.5	13948.8	13976.8	13896.1	13931.2	13759.3	13619.0	13405.0	13180.5	12885.8	12591.1
5°	14127.7	13983.8	13959.3	13966.3	13878.6	13748.8	13559.4	13355.9	13145.4	12815.6	12513.9
2.5°	13934.7	13955.8	13843.5	13801.4	13790.9	13573.4	13398.0	13201.5	12984.0	12692.8	12422.7
0°	13790.9	13829.5	13713.7	13654.1	13650.6	13464.6	13352.4	13127.8	12973.5	12731.4	12405.1
-2.5°	13713.7	13759.3	13773.4	13664.6	13559.4	13415.5	13226.1	12984.0	12731.4	12450.7	12170.1
-5°	13720.7	13629.5	13590.9	13626.0	13534.8	13391.0	13180.5	12966.5	12717.4	12415.7	12064.8
-7.5°	13443.6	13352.4	13345.3	13327.8	13306.8	13169.9	12994.5	12763.0	12510.4	12229.7	11903.5
-10°	13029.6	12962.9	12945.4	12927.9	12871.7	12791.0	12626.2	12415.7	12187.6	11907.0	11559.7
-12.5°	12570.0	12538.5	12471.8	12426.2	12370.1	12275.3	12117.5	11924.5	11696.5	11447.4	11149.2
-15°	12061.3	12001.7	11935.0	11896.4	11815.8	11703.5	11545.6	11366.7	11117.6	10872.0	10591.4
-17.5°	11447.4	11373.7	11300.0	11289.5	11233.4	11061.5	10914.1	10696.6	10479.1	10244.1	9970.4
-20°	10724.7	10623.0	10573.8	10545.8	10468.6	10342.3	10184.4	9984.5	9774.0	9549.4	9233.7



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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°	9924.8	9837.1	9752.9	9700.3	9633.6	9535.4	9384.5	9209.1	9002.1	8749.6	8458.4
-25°	9016.2	8893.4	8840.8	8781.1	8746.0	8654.8	8507.5	8346.1	8132.1	7886.5	7609.4
-27.5°	7977.7	7879.5	7851.4	7767.2	7725.1	7630.4	7507.6	7356.8	7160.3	6928.8	6700.7
-30°	6830.5	6770.9	6725.3	6641.1	6609.5	6507.8	6427.1	6300.8	6121.9	5957.0	5774.6
-32.5°	5651.8	5592.1	5578.1	5539.5	5518.5	5451.8	5360.6	5269.4	5125.5	5002.8	4855.4
-35°	4606.3	4564.2	4567.7	4564.2	4543.2	4494.1	4381.8	4357.2	4252.0	4139.7	4045.0
-37.5°	3771.4	3774.9	3771.4	3767.9	3739.8	3718.7	3638.0	3606.5	3543.3	3434.6	3378.4
-40°	3143.4	3150.4	3146.9	3139.9	3108.3	3097.8	3045.2	3003.1	2978.5	2901.3	2841.7
-42.5°	2634.7	2645.2	2641.7	2638.2	2617.1	2613.6	2585.6	2536.5	2522.4	2476.8	2413.7
-45°	2248.8	2245.3	2238.3	2245.3	2234.7	2224.2	2206.7	2175.1	2157.6	2136.5	2083.9
-47.5°	1943.6	1947.1	1940.1	1940.1	1926.0	1915.5	1908.5	1887.4	1873.4	1855.9	1824.3
-50°	1691.0	1705.0	1701.5	1698.0	1687.5	1680.4	1680.4	1659.4	1638.3	1631.3	1610.3
-52.5°	1494.5	1505.0	1508.5	1515.6	1519.1	1522.6	1512.1	1491.0	1455.9	1452.4	1441.9
-55°	1315.6	1347.2	1368.2	1382.2	1396.3	1406.8	1385.8	1357.7	1322.6	1308.6	1305.1
-57.5°	1192.8	1224.4	1248.9	1270.0	1287.5	1305.1	1284.0	1256.0	1224.4	1206.8	1203.3
-60°	1080.5	1108.6	1133.2	1161.2	1185.8	1213.9	1203.3	1182.3	1164.7	1150.7	1136.7
-62.5°	961.3	989.3	1017.4	1052.5	1084.0	1112.1	1115.6	1112.1	1108.6	1112.1	1087.6
-65°	863.0	877.1	894.6	933.2	968.3	999.8	1017.4	1027.9	1045.5	1063.0	1038.4
-67.5°	757.8	775.3	796.4	824.4	852.5	873.6	898.1	926.2	954.2	982.3	964.8
-70°	663.1	677.1	694.6	708.7	726.2	740.2	761.3	792.9	824.4	852.5	845.5
-72.5°	564.8	578.9	589.4	596.4	606.9	613.9	624.5	652.5	673.6	687.6	687.6
-75°	466.6	480.6	491.2	494.7	501.7	505.2	512.2	522.7	533.3	536.8	540.3
-77.5°	357.8	371.9	382.4	389.4	396.4	403.4	407.0	414.0	417.5	417.5	421.0
-80°	266.6	277.2	284.2	294.7	298.2	305.2	312.2	315.7	319.2	319.2	322.8
-82.5°	189.4	196.5	203.5	210.5	217.5	221.0	228.0	231.5	235.1	238.6	242.1
-85°	126.3	133.3	140.3	147.3	150.9	154.4	157.9	161.4	164.9	168.4	171.9
-87.5°	73.7	77.2	80.7	87.7	91.2	98.2	101.7	98.2	101.7	101.7	101.7
-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°	136.8	136.8	136.8	136.8	133.3	126.3	122.8	115.8	108.8	101.7	94.7
85°	284.2	287.7	287.7	287.7	280.7	277.2	266.6	256.1	242.1	221.0	203.5
82.5°	473.6	477.1	477.1	473.6	466.6	456.1	442.0	424.5	396.4	368.4	343.8
80°	712.2	715.7	715.7	712.2	694.6	677.1	659.5	638.5	603.4	564.8	522.7
77.5°	996.3	1003.4	1003.4	992.8	968.3	947.2	919.2	884.1	831.5	775.3	719.2
75°	1326.1	1343.7	1347.2	1336.6	1305.1	1266.5	1220.9	1161.2	1080.5	1010.4	943.7
72.5°	1708.5	1726.1	1740.1	1726.1	1680.4	1627.8	1561.2	1491.0	1410.3	1315.6	1203.3
70°	2210.2	2227.7	2238.3	2192.7	2112.0	2024.3	1943.6	1862.9	1768.2	1652.4	1529.6
67.5°	2841.7	2824.1	2803.1	2711.9	2610.1	2504.9	2392.6	2273.3	2150.6	2027.8	1883.9
65°	3448.6	3399.5	3353.9	3245.1	3115.3	2978.5	2848.7	2715.4	2568.0	2413.7	2276.8
62.5°	4087.1	3981.9	3869.6	3736.3	3603.0	3452.1	3322.3	3164.4	2999.5	2810.1	2634.7
60°	4715.1	4588.8	4476.5	4311.6	4136.2	3932.7	3792.4	3638.0	3445.1	3241.6	3034.6
57.5°	5322.0	5185.2	5062.4	4918.6	4729.1	4508.1	4353.7	4153.8	3950.3	3694.2	3483.7
55°	5967.5	5830.7	5732.5	5571.1	5364.1	5160.6	4992.2	4781.7	4497.6	4223.9	3964.3
52.5°	6707.8	6599.0	6493.8	6328.9	6079.8	5872.8	5686.9	5451.8	5153.6	4816.8	4504.6
50°	7535.7	7479.6	7367.3	7174.4	6890.2	6707.8	6462.2	6149.9	5830.7	5476.4	5086.9
47.5°	8633.8	8542.6	8384.7	8174.2	7935.6	7662.0	7332.2	6967.4	6514.8	6121.9	5707.9
45°	9945.9	9777.5	9574.0	9289.8	8995.1	8686.4	8325.1	7862.0	7255.0	6742.8	6307.8
42.5°	11366.7	11138.7	10861.5	10489.6	10107.2	9728.4	9338.9	8707.5	7949.7	7360.3	6869.1
40°	12850.7	12559.5	12212.2	11671.9	11247.4	10759.8	10314.2	9370.5	8563.6	7925.1	7402.4
37.5°	14303.1	13934.7	13352.4	12696.3	12201.7	11801.7	10822.9	9812.5	9089.9	8388.2	7858.5
35°	15415.2	15103.0	14075.1	13394.5	12970.0	12338.5	11114.1	10079.2	9314.4	8732.0	7907.6
32.5°	16074.8	15267.9	14366.2	13678.6	13327.8	12292.9	11135.2	10156.4	9419.6	8767.1	7781.3
30°	15927.4	14952.1	14162.8	13587.4	12826.1	11896.4	10938.7	10037.1	9321.4	8532.0	7640.9
27.5°	15039.8	14285.6	13580.4	12980.5	12233.2	11398.3	10514.2	9721.3	9054.8	8290.0	7448.0
25°	14036.5	13352.4	12829.6	12306.9	11598.2	10801.9	10023.0	9451.2	8781.1	8026.9	7195.4
22.5°	13113.8	12622.7	12212.2	11664.9	10973.8	10279.1	9795.0	9202.1	8514.5	7749.7	6935.8
20°	12524.4	12191.1	11721.0	11117.6	10573.8	10138.8	9602.1	8974.1	8265.4	7465.5	6714.8
17.5°	12240.3	11854.3	11331.6	10938.7	10521.2	10044.1	9444.2	8777.6	8023.3	7335.7	6739.3
15°	12092.9	11686.0	11342.1	10956.2	10486.1	9984.5	9317.9	8626.8	8023.3	7388.4	6756.9
12.5°	12124.5	11773.7	11398.3	10977.3	10472.1	9935.3	9331.9	8689.9	8065.4	7426.9	6760.4
10°	12222.7	11854.3	11454.4	10987.8	10479.1	9949.4	9370.5	8728.5	8086.5	7444.5	6753.4
7.5°	12257.8	11857.9	11429.8	10959.7	10461.6	9942.4	9377.5	8739.0	8090.0	7441.0	6732.3
5°	12149.0	11787.7	11373.7	10900.1	10412.5	9907.3	9349.5	8725.0	8061.9	7405.9	6679.7
2.5°	12001.7	11710.5	11314.1	10858.0	10363.3	9858.2	9303.9	8661.8	7998.8	7342.7	6613.0
0°	11977.1	11615.8	11215.8	10808.9	10282.7	9749.4	9198.6	8542.6	7883.0	7223.5	6497.3
-2.5°	11815.8	11433.4	11033.4	10591.4	10128.3	9591.5	9012.7	8370.7	7718.1	7069.1	6371.0
-5°	11693.0	11268.5	10844.0	10366.9	9900.3	9363.5	8763.6	8139.1	7500.6	6869.1	6195.6
-7.5°	11528.1	11093.1	10647.5	10149.3	9644.2	9096.9	8504.0	7879.5	7251.5	6623.6	5978.0
-10°	11194.8	10812.4	10394.9	9879.2	9346.0	8798.7	8209.3	7595.3	6967.4	6332.4	5683.4
-12.5°	10791.3	10387.9	9931.8	9458.2	8981.1	8472.4	7883.0	7279.6	6648.1	6009.6	5364.1
-15°	10268.6	9872.2	9405.6	8942.5	8482.9	7995.3	7476.1	6932.3	6290.3	5662.3	5016.8
-17.5°	9616.1	9244.2	8826.7	8384.7	7928.6	7437.5	6932.3	6472.7	5872.8	5283.4	4644.9
-20°	8914.4	8567.1	8191.7	7774.3	7318.2	6837.6	6360.4	5879.8	5360.6	4841.4	4248.5



REPORT NUMBER: P722301

CATALOG NUMBER: IFLD-L-SA7D-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8184.7	7833.9	7455.0	7065.6	6644.6	6199.1	5757.0	5297.4	4841.4	4371.3	3869.6
-25°	7342.7	7034.0	6686.7	6307.8	5932.4	5543.0	5122.0	4704.6	4315.1	3908.2	3497.7
-27.5°	6462.2	6178.0	5862.3	5532.5	5209.7	4883.5	4518.6	4132.7	3809.9	3473.2	3132.9
-30°	5536.0	5308.0	5051.9	4764.2	4515.1	4252.0	3946.8	3627.5	3332.8	3076.7	2803.1
-32.5°	4658.9	4466.0	4283.6	4094.1	3848.5	3645.1	3434.6	3199.5	2939.9	2697.8	2501.4
-35°	3904.7	3697.7	3620.5	3480.2	3304.8	3125.8	2971.5	2803.1	2606.6	2392.6	2231.2
-37.5°	3269.7	3146.9	3038.1	2961.0	2845.2	2701.3	2578.6	2455.8	2304.9	2143.5	1982.2
-40°	2775.0	2690.8	2571.5	2532.9	2459.3	2361.0	2234.7	2140.0	2038.3	1915.5	1778.7
-42.5°	2378.6	2315.4	2238.3	2171.6	2140.0	2069.9	1971.6	1880.4	1799.7	1715.5	1610.3
-45°	2052.3	2010.2	1961.1	1901.5	1876.9	1820.8	1750.6	1648.9	1603.3	1533.1	1455.9
-47.5°	1789.2	1768.2	1733.1	1694.5	1659.4	1617.3	1554.2	1491.0	1427.9	1382.2	1322.6
-50°	1582.2	1568.2	1547.1	1515.6	1470.0	1441.9	1399.8	1343.7	1284.0	1245.4	1203.3
-52.5°	1417.3	1403.3	1389.3	1364.7	1329.6	1301.6	1266.5	1220.9	1171.8	1133.2	1098.1
-55°	1291.0	1270.0	1259.5	1238.4	1210.3	1178.8	1147.2	1115.6	1073.5	1038.4	1003.4
-57.5°	1192.8	1164.7	1150.7	1133.2	1105.1	1073.5	1049.0	1017.4	989.3	950.7	919.2
-60°	1115.6	1084.0	1056.0	1038.4	1013.9	982.3	957.7	933.2	905.1	873.6	835.0
-62.5°	1052.5	1013.9	975.3	954.2	929.7	901.6	877.1	852.5	824.4	792.9	757.8
-65°	992.8	947.2	898.1	877.1	852.5	824.4	792.9	775.3	750.8	722.7	687.6
-67.5°	919.2	870.0	827.9	803.4	778.8	754.3	726.2	708.7	684.1	649.0	613.9
-70°	810.4	778.8	750.8	729.7	708.7	687.6	659.5	631.5	603.4	571.8	540.3
-72.5°	673.6	663.1	659.5	649.0	624.5	599.9	571.8	543.8	519.2	494.7	470.1
-75°	543.8	550.8	557.8	554.3	529.7	505.2	480.6	456.1	438.5	417.5	396.4
-77.5°	431.5	438.5	445.5	445.5	428.0	414.0	396.4	378.9	364.9	347.3	326.3
-80°	333.3	343.8	354.3	361.3	347.3	336.8	322.8	308.7	294.7	280.7	266.6
-82.5°	252.6	263.1	273.6	280.7	270.1	263.1	252.6	242.1	231.5	217.5	207.0
-85°	182.4	189.4	196.5	200.0	193.0	185.9	178.9	171.9	164.9	154.4	147.3
-87.5°	105.2	108.8	112.3	115.8	108.8	101.7	98.2	91.2	87.7	80.7	77.2
-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-L-SA7D-935-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°	87.7	80.7	73.7	70.2	63.1	52.6	45.6	38.6	31.6	24.6	21.0
85°	185.9	168.4	147.3	136.8	122.8	108.8	94.7	80.7	66.7	52.6	38.6
82.5°	319.2	298.2	277.2	252.6	221.0	182.4	143.8	119.3	98.2	77.2	59.6
80°	480.6	442.0	407.0	375.4	340.3	291.2	238.6	189.4	133.3	101.7	77.2
77.5°	666.6	621.0	571.8	519.2	463.1	396.4	336.8	273.6	207.0	140.3	98.2
75°	877.1	817.4	750.8	677.1	603.4	515.7	431.5	357.8	280.7	196.5	119.3
72.5°	1112.1	1038.4	957.7	859.5	743.7	642.0	540.3	442.0	350.8	249.1	161.4
70°	1413.8	1298.0	1178.8	1073.5	926.2	764.8	645.5	533.3	417.5	305.2	203.5
67.5°	1736.6	1596.2	1452.4	1298.0	1112.1	922.7	750.8	624.5	487.6	357.8	242.1
65°	2087.4	1912.0	1729.6	1557.7	1301.6	1077.0	884.1	712.2	554.3	407.0	280.7
62.5°	2448.8	2241.8	2031.3	1806.7	1512.1	1234.9	1010.4	810.4	617.5	452.6	315.7
60°	2834.7	2592.6	2336.5	2055.8	1712.0	1406.8	1129.7	912.1	684.1	498.2	354.3
57.5°	3241.6	2978.5	2676.8	2297.9	1919.0	1571.7	1266.5	1003.4	743.7	540.3	382.4
55°	3683.7	3381.9	3052.2	2550.5	2122.5	1736.6	1403.3	1094.6	806.9	575.4	410.5
52.5°	4160.8	3809.9	3392.5	2817.1	2336.5	1905.0	1529.6	1175.3	866.5	613.9	435.0
50°	4694.0	4252.0	3690.7	3062.7	2522.4	2062.8	1655.9	1263.0	915.7	656.0	456.1
47.5°	5248.3	4771.2	3957.3	3290.7	2711.9	2217.2	1785.7	1340.1	964.8	691.1	477.1
45°	5827.2	5132.6	4234.4	3494.2	2876.8	2357.5	1883.9	1410.3	1024.4	722.7	494.7
42.5°	6399.0	5406.2	4476.5	3697.7	3031.1	2483.8	1964.6	1477.0	1073.5	754.3	512.2
40°	6669.2	5613.2	4669.5	3838.0	3160.9	2596.1	2034.8	1536.6	1115.6	775.3	529.7
37.5°	6781.4	5739.5	4795.8	3971.3	3262.7	2655.7	2094.4	1589.2	1150.7	796.4	543.8
35°	6806.0	5785.1	4858.9	4062.5	3346.9	2711.9	2140.0	1627.8	1178.8	817.4	557.8
32.5°	6760.4	5771.1	4876.5	4094.1	3399.5	2754.0	2171.6	1655.9	1199.8	838.5	571.8
30°	6658.6	5697.4	4813.3	4090.6	3438.1	2778.5	2192.7	1676.9	1220.9	852.5	578.9
27.5°	6493.8	5567.6	4732.6	4094.1	3459.1	2789.1	2203.2	1687.5	1234.9	863.0	592.9
25°	6290.3	5392.2	4736.1	4087.1	3462.6	2792.6	2203.2	1687.5	1238.4	866.5	603.4
22.5°	6055.2	5392.2	4736.1	4076.6	3441.6	2785.5	2192.7	1680.4	1238.4	873.6	613.9
20°	6069.3	5395.7	4725.6	4055.5	3410.0	2764.5	2168.1	1662.9	1227.9	884.1	621.0
17.5°	6079.8	5388.7	4704.6	4027.5	3367.9	2729.4	2136.5	1638.3	1227.9	894.6	624.5
15°	6079.8	5367.6	4673.0	3985.4	3315.3	2680.3	2090.9	1617.3	1231.4	898.1	631.5
12.5°	6069.3	5329.0	4623.9	3929.2	3252.1	2620.7	2062.8	1610.3	1231.4	901.6	631.5
10°	6048.2	5276.4	4560.7	3859.1	3192.5	2599.6	2048.8	1596.2	1224.4	901.6	631.5
7.5°	6009.6	5213.2	4508.1	3817.0	3157.4	2575.0	2027.8	1575.2	1213.9	894.6	638.5
5°	5950.0	5178.2	4466.0	3767.9	3108.3	2557.5	2013.7	1557.7	1206.8	894.6	631.5
2.5°	5872.8	5136.1	4416.9	3704.7	3052.2	2497.9	1968.1	1519.1	1182.3	880.6	624.5
0°	5746.5	5051.9	4332.7	3617.0	2975.0	2438.2	1922.5	1480.5	1157.7	866.5	617.5
-2.5°	5630.7	4939.6	4223.9	3525.8	2901.3	2385.6	1887.4	1459.4	1147.2	863.0	613.9
-5°	5469.3	4785.2	4080.1	3406.5	2803.1	2333.0	1852.4	1434.9	1136.7	856.0	613.9
-7.5°	5290.4	4623.9	3929.2	3283.7	2704.9	2241.8	1785.7	1396.3	1112.1	842.0	610.4
-10°	5013.3	4381.8	3739.8	3143.4	2599.6	2161.1	1729.6	1361.2	1091.1	827.9	596.4
-12.5°	4718.6	4115.2	3522.3	2971.5	2480.3	2076.9	1666.4	1322.6	1066.5	813.9	589.4
-15°	4406.4	3841.5	3294.2	2792.6	2350.5	1975.1	1599.8	1280.5	1041.9	796.4	578.9
-17.5°	4080.1	3553.8	3059.2	2610.1	2220.7	1869.9	1529.6	1241.9	1013.9	778.8	568.3
-20°	3736.3	3259.2	2820.6	2424.2	2083.9	1764.6	1455.9	1196.3	982.3	757.8	554.3



REPORT NUMBER: P722301
 CATALOG NUMBER: IFLD-L-SA7D-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3396.0	2968.0	2575.0	2241.8	1943.6	1655.9	1382.2	1150.7	947.2	733.2	543.8
-25°	3094.3	2694.3	2357.5	2066.4	1806.7	1550.6	1305.1	1105.1	908.6	708.7	529.7
-27.5°	2799.6	2459.3	2143.5	1901.5	1673.4	1448.9	1231.4	1056.0	870.0	680.6	515.7
-30°	2525.9	2234.7	1975.1	1740.1	1547.1	1357.7	1168.2	1006.9	827.9	652.5	498.2
-32.5°	2276.8	2041.8	1824.3	1599.8	1427.9	1266.5	1108.6	957.7	785.8	624.5	480.6
-35°	2045.3	1862.9	1673.4	1484.0	1308.6	1182.3	1045.5	905.1	747.3	592.9	463.1
-37.5°	1838.3	1691.0	1540.1	1378.7	1227.9	1101.6	985.8	852.5	708.7	564.8	445.5
-40°	1659.4	1540.1	1406.8	1277.0	1150.7	1031.4	926.2	799.9	670.1	543.8	428.0
-42.5°	1494.5	1403.3	1294.5	1185.8	1073.5	968.3	866.5	743.7	631.5	519.2	410.5
-45°	1368.2	1277.0	1189.3	1091.1	996.3	905.1	803.4	694.6	596.4	491.2	392.9
-47.5°	1248.9	1168.2	1087.6	1006.9	929.7	845.5	743.7	652.5	557.8	466.6	378.9
-50°	1143.7	1066.5	996.3	926.2	859.5	778.8	684.1	610.4	526.2	442.0	361.3
-52.5°	1045.5	978.8	908.6	852.5	796.4	715.7	638.5	568.3	494.7	414.0	343.8
-55°	957.7	894.6	831.5	778.8	726.2	656.0	592.9	533.3	463.1	392.9	326.3
-57.5°	873.6	820.9	761.3	712.2	659.5	603.4	550.8	494.7	431.5	371.9	308.7
-60°	796.4	747.3	694.6	645.5	599.9	554.3	505.2	459.6	403.4	347.3	291.2
-62.5°	719.2	677.1	631.5	582.4	547.3	505.2	466.6	421.0	375.4	326.3	259.6
-65°	649.0	610.4	568.3	526.2	494.7	463.1	428.0	385.9	347.3	301.7	231.5
-67.5°	578.9	543.8	508.7	473.6	445.5	421.0	385.9	354.3	322.8	273.6	203.5
-70°	512.2	484.1	452.6	424.5	403.4	375.4	350.8	322.8	294.7	238.6	171.9
-72.5°	449.1	421.0	396.4	375.4	357.8	333.3	312.2	291.2	252.6	200.0	143.8
-75°	375.4	357.8	343.8	326.3	308.7	291.2	273.6	249.1	210.5	161.4	112.3
-77.5°	308.7	298.2	287.7	273.6	259.6	245.6	224.5	200.0	168.4	126.3	91.2
-80°	252.6	242.1	235.1	221.0	210.5	196.5	175.4	154.4	122.8	98.2	73.7
-82.5°	193.0	185.9	178.9	171.9	161.4	147.3	126.3	108.8	91.2	73.7	56.1
-85°	136.8	133.3	126.3	119.3	108.8	98.2	84.2	73.7	63.1	49.1	38.6
-87.5°	70.2	66.7	63.1	59.6	56.1	49.1	42.1	35.1	31.6	24.6	17.5
-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: P722301
 CATALOG NUMBER: IFLD-L-SA7D-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.0	10.5	3.5	0.0
85°	28.1	17.5	7.0	0.0
82.5°	42.1	28.1	10.5	0.0
80°	56.1	35.1	17.5	0.0
77.5°	70.2	42.1	21.0	0.0
75°	84.2	52.6	24.6	0.0
72.5°	94.7	59.6	28.1	0.0
70°	112.3	70.2	31.6	0.0
67.5°	140.3	77.2	35.1	0.0
65°	164.9	84.2	38.6	0.0
62.5°	193.0	91.2	42.1	0.0
60°	217.5	98.2	45.6	0.0
57.5°	242.1	115.8	49.1	0.0
55°	263.1	129.8	52.6	0.0
52.5°	287.7	143.8	56.1	0.0
50°	308.7	157.9	59.6	0.0
47.5°	326.3	171.9	59.6	0.0
45°	340.3	182.4	63.1	0.0
42.5°	350.8	193.0	66.7	0.0
40°	361.3	203.5	70.2	0.0
37.5°	371.9	214.0	70.2	0.0
35°	382.4	224.5	73.7	0.0
32.5°	392.9	235.1	73.7	0.0
30°	399.9	242.1	77.2	0.0
27.5°	410.5	249.1	77.2	0.0
25°	414.0	256.1	80.7	0.0
22.5°	421.0	259.6	80.7	0.0
20°	428.0	266.6	80.7	0.0
17.5°	431.5	270.1	84.2	0.0
15°	431.5	273.6	87.7	0.0
12.5°	435.0	277.2	87.7	0.0
10°	435.0	284.2	84.2	0.0
7.5°	442.0	280.7	84.2	0.0
5°	438.5	280.7	84.2	0.0
2.5°	435.0	277.2	84.2	0.0
0°	431.5	277.2	84.2	0.0
-2.5°	431.5	277.2	84.2	0.0
-5°	431.5	277.2	84.2	0.0
-7.5°	428.0	280.7	84.2	0.0
-10°	421.0	280.7	84.2	0.0
-12.5°	417.5	270.1	84.2	0.0
-15°	414.0	266.6	84.2	0.0
-17.5°	407.0	263.1	80.7	0.0
-20°	399.9	259.6	80.7	0.0



REPORT NUMBER: P722301

CATALOG NUMBER: IFLD-L-SA7D-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	392.9	252.6	80.7	0.0
-25°	385.9	245.6	77.2	0.0
-27.5°	378.9	238.6	77.2	0.0
-30°	368.4	231.5	73.7	0.0
-32.5°	357.8	224.5	73.7	0.0
-35°	350.8	214.0	70.2	0.0
-37.5°	340.3	203.5	70.2	0.0
-40°	329.8	193.0	66.7	0.0
-42.5°	319.2	182.4	63.1	0.0
-45°	305.2	171.9	63.1	0.0
-47.5°	294.7	161.4	59.6	0.0
-50°	277.2	147.3	56.1	0.0
-52.5°	256.1	133.3	52.6	0.0
-55°	235.1	122.8	49.1	0.0
-57.5°	214.0	108.8	49.1	0.0
-60°	193.0	94.7	45.6	0.0
-62.5°	171.9	87.7	42.1	0.0
-65°	150.9	80.7	38.6	0.0
-67.5°	126.3	70.2	35.1	0.0
-70°	105.2	63.1	31.6	0.0
-72.5°	91.2	56.1	28.1	0.0
-75°	77.2	49.1	24.6	0.0
-77.5°	66.7	42.1	21.0	0.0
-80°	52.6	31.6	14.0	0.0
-82.5°	38.6	24.6	10.5	0.0
-85°	24.6	17.5	7.0	0.0
-87.5°	14.0	7.0	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)