

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: P722292

Luminaire Tested: **IFLD-S-SA6E-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722292
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

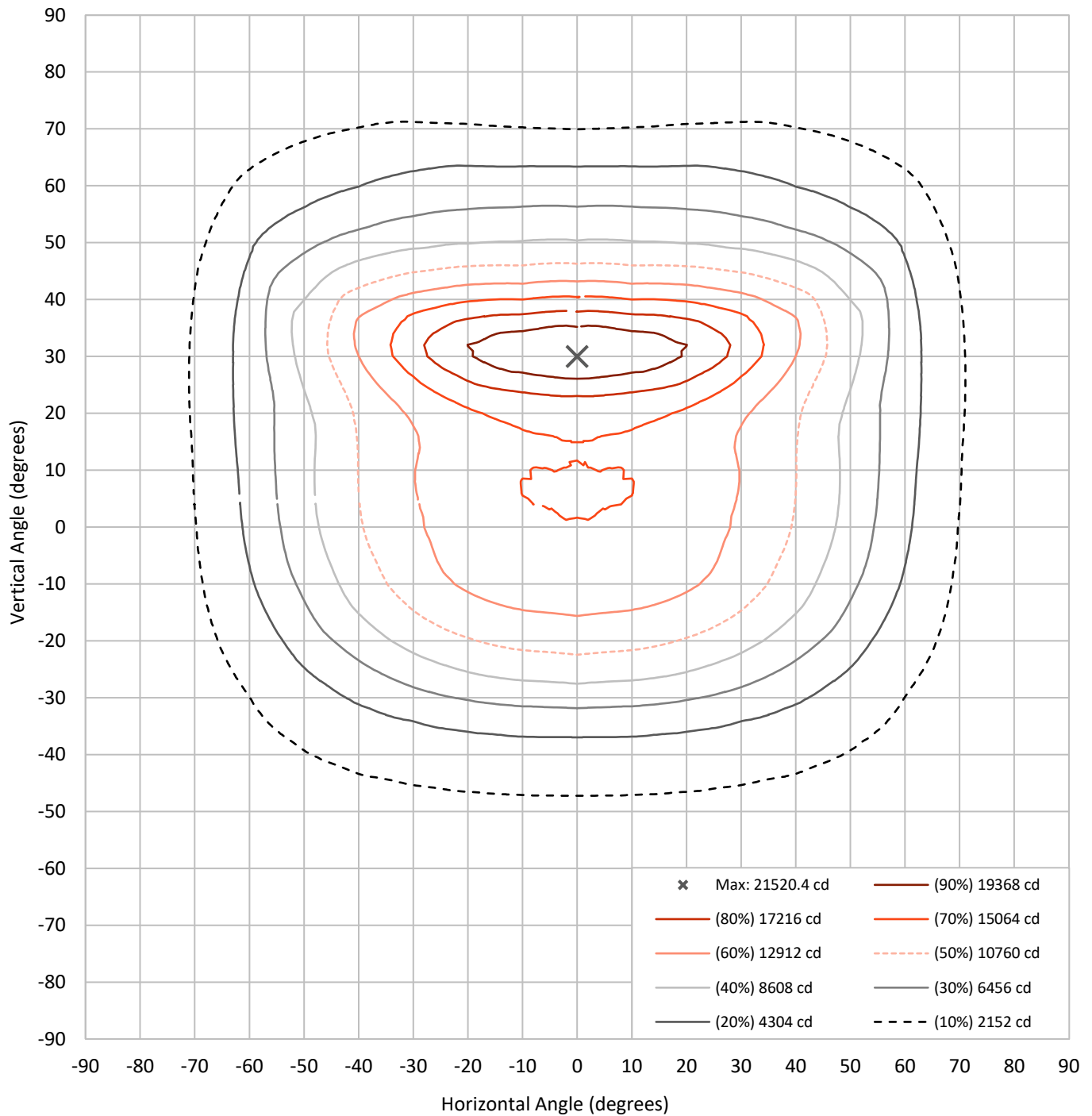
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	35923 lumens	Max Intensity:	21520.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	77.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20889.6 lumens	Field Lumens:	33664.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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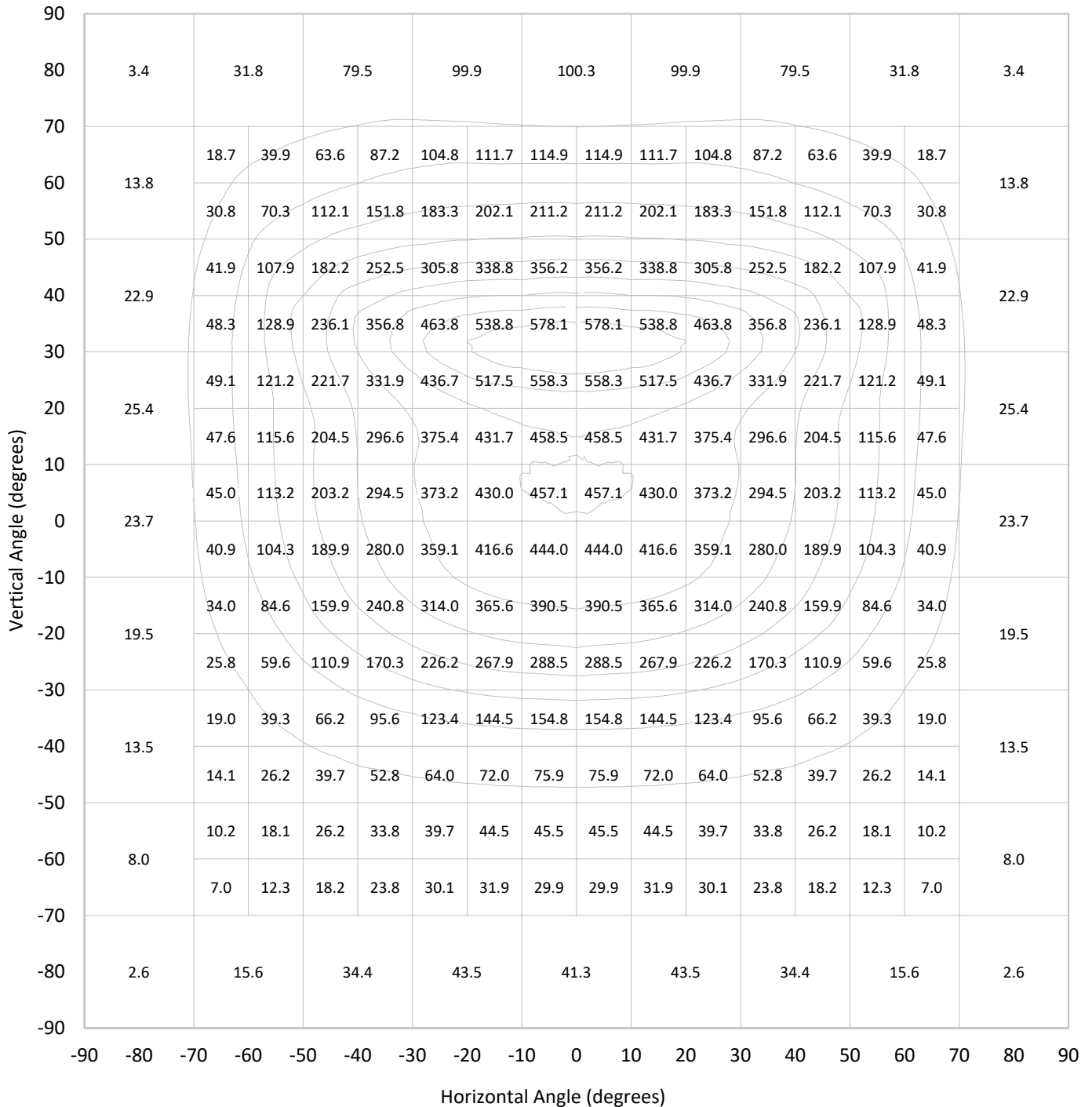
Iso-Candela Plot





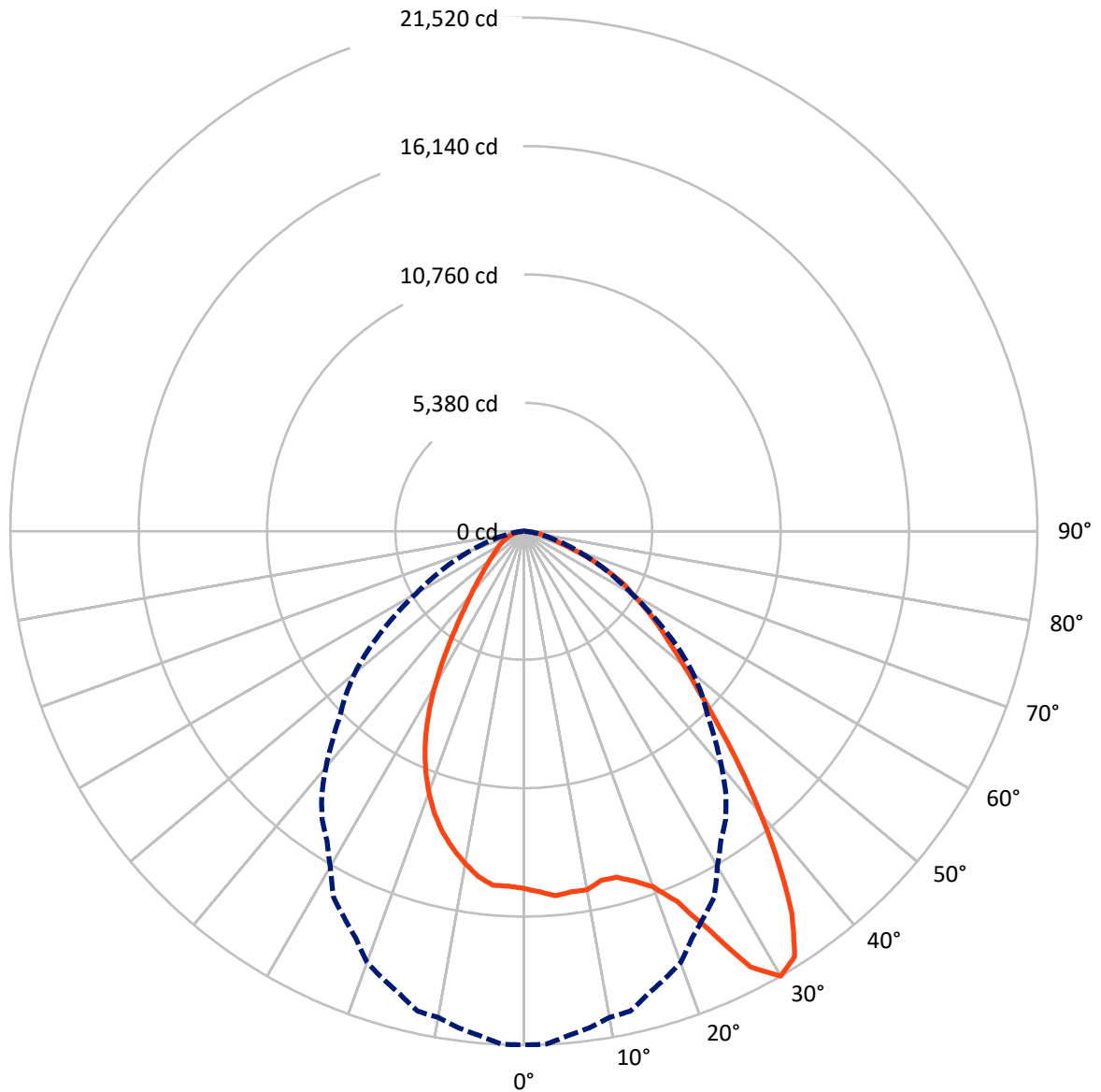
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Lumen Table



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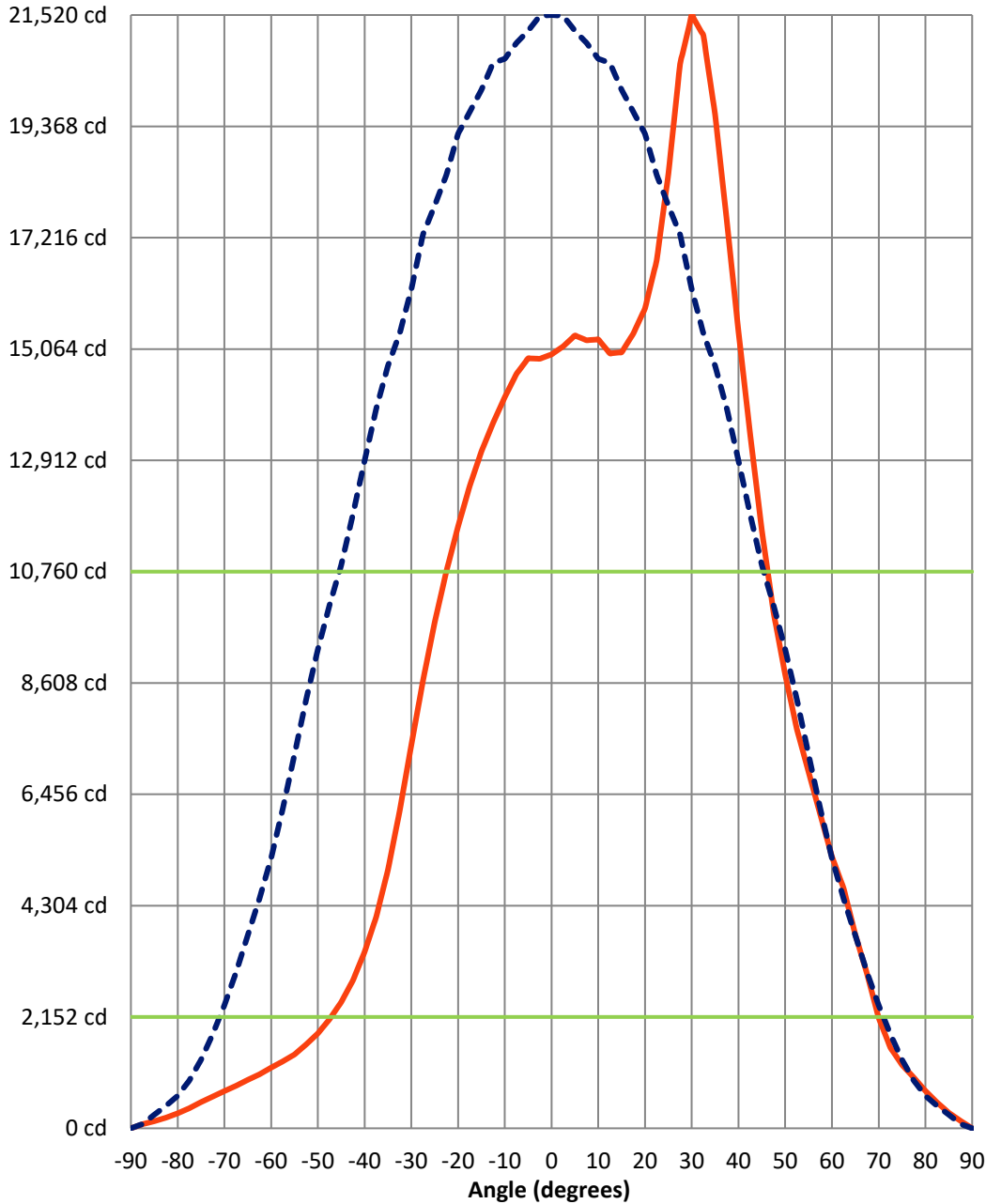
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 20889.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 33664.5
 Efficiency: 93.7%

Spill:
 Lumens: 2258.5
 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°	144.6	148.4	152.2	152.2	148.4	148.4	148.4	144.6	148.4	148.4	148.4
85°	300.6	308.2	315.9	312.1	308.2	300.6	293.0	296.8	300.6	304.4	304.4
82.5°	498.5	509.9	517.6	513.7	506.1	498.5	490.9	494.7	502.3	506.1	506.1
80°	723.1	726.9	730.7	738.3	726.9	726.9	723.1	738.3	745.9	753.5	761.1
77.5°	981.8	985.6	985.6	989.4	993.2	997.1	997.1	1023.7	1042.7	1054.1	1065.6
75°	1225.4	1236.8	1248.2	1259.6	1274.9	1282.5	1293.9	1331.9	1362.4	1385.2	1408.1
72.5°	1560.3	1575.5	1594.5	1621.2	1647.8	1666.8	1693.5	1739.1	1773.4	1796.2	1822.9
70°	2134.9	2150.1	2169.2	2188.2	2214.8	2233.9	2260.5	2317.6	2351.8	2367.1	2382.3
67.5°	2987.4	3025.4	3059.7	3021.6	3002.6	2975.9	2983.6	3036.8	3071.1	3093.9	3090.1
65°	3744.7	3771.3	3771.3	3767.5	3752.3	3718.0	3737.1	3801.7	3839.8	3858.8	3801.7
62.5°	4635.2	4635.2	4616.1	4646.6	4650.4	4627.6	4616.1	4619.9	4623.7	4635.2	4540.0
60°	5251.7	5289.7	5301.1	5327.8	5335.4	5335.4	5354.4	5369.6	5369.6	5346.8	5236.4
57.5°	6066.1	6138.4	6153.6	6134.6	6096.5	6047.0	6039.4	6016.6	5970.9	5925.2	5872.0
55°	6888.1	6926.1	6922.3	6910.9	6872.8	6815.7	6823.4	6792.9	6720.6	6663.5	6591.2
52.5°	7713.9	7805.2	7820.4	7797.6	7744.3	7683.4	7687.2	7653.0	7580.7	7519.8	7420.8
50°	8768.0	8844.1	8836.5	8798.4	8722.3	8676.7	8680.5	8615.8	8532.1	8513.0	8383.6
47.5°	9974.4	10061.9	10046.7	9993.4	9890.6	9871.6	9890.6	9806.9	9757.4	9715.6	9563.4
45°	11557.5	11660.2	11603.1	11500.4	11336.7	11355.8	11382.4	11367.2	11260.6	11150.3	10956.2
42.5°	13414.6	13479.3	13410.8	13308.0	13102.5	13140.6	13125.4	13034.0	12969.3	12786.7	12539.3
40°	15401.1	15541.9	15435.3	15275.5	15062.4	15119.5	15077.6	14959.6	14807.4	14579.1	14267.0
37.5°	17543.6	17654.0	17532.2	17345.7	17155.4	17136.4	17052.7	16870.0	16653.1	16401.9	15903.4
35°	19594.8	19880.2	19655.7	19358.9	19126.7	19039.2	18959.3	18536.9	18289.5	17882.3	17201.1
32.5°	21120.8	21330.1	21052.3	20744.1	20462.5	20340.7	20059.1	19556.7	19423.6	18567.3	17943.2
30°	21520.4	21505.2	21216.0	20980.0	20675.6	20591.9	20074.3	19648.1	19221.9	18430.3	17836.6
27.5°	20569.0	20473.9	20196.1	19990.6	19689.9	19591.0	19081.1	18852.7	18194.4	17524.6	17022.2
25°	18449.3	18498.8	18289.5	18186.7	17988.9	17775.7	17574.1	17265.8	16854.8	16268.7	15808.3
22.5°	16778.7	16843.4	16755.9	16634.1	16481.9	16363.9	16211.7	15971.9	15576.1	15214.6	14780.8
20°	15850.1	15831.1	15755.0	15663.7	15519.1	15435.3	15267.9	15066.2	14761.7	14449.7	13981.6
17.5°	15363.0	15245.1	15172.7	15138.5	15062.4	14955.8	14757.9	14552.4	14316.5	13962.6	13620.1
15°	15001.5	15020.5	14963.4	14936.8	14875.9	14727.5	14525.8	14358.4	14038.7	13859.8	13547.8
12.5°	14978.7	14959.6	14963.4	14952.0	14875.9	14685.6	14582.9	14369.8	14164.3	13928.3	13570.6
10°	15248.9	15047.2	15062.4	15115.7	14993.9	14841.7	14731.3	14499.2	14305.1	14004.4	13650.5
7.5°	15233.6	15130.9	15161.3	15073.8	15111.9	14925.4	14773.2	14541.0	14297.5	13977.8	13658.1
5°	15325.0	15168.9	15142.3	15149.9	15054.8	14914.0	14708.5	14487.7	14259.4	13901.7	13574.4
2.5°	15115.7	15138.5	15016.7	14971.1	14959.6	14723.7	14533.4	14320.3	14084.4	13768.5	13475.5
0°	14959.6	15001.5	14875.9	14811.2	14807.4	14605.7	14483.9	14240.4	14072.9	13810.4	13456.4
-2.5°	14875.9	14925.4	14940.6	14822.6	14708.5	14552.4	14346.9	14084.4	13810.4	13505.9	13201.5
-5°	14883.5	14784.6	14742.7	14780.8	14681.8	14525.8	14297.5	14065.3	13795.1	13467.9	13087.3
-7.5°	14582.9	14483.9	14476.3	14457.3	14434.5	14286.1	14095.8	13844.6	13570.6	13266.2	12912.2
-10°	14133.8	14061.5	14042.5	14023.5	13962.6	13875.1	13696.2	13467.9	13220.5	12916.1	12539.3
-12.5°	13635.3	13601.1	13528.7	13479.3	13418.4	13315.6	13144.4	12935.1	12687.7	12417.5	12094.1
-15°	13083.5	13018.8	12946.5	12904.6	12817.1	12695.3	12524.1	12330.0	12059.8	11793.4	11489.0
-17.5°	12417.5	12337.6	12257.7	12246.3	12185.4	11998.9	11839.1	11603.1	11367.2	11112.2	10815.4
-20°	11633.6	11523.2	11469.9	11439.5	11355.8	11218.8	11047.5	10830.6	10602.3	10358.7	10016.2



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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°	10765.9	10670.8	10579.4	10522.4	10450.1	10343.5	10179.9	9989.6	9765.1	9491.1	9175.2
-25°	9780.3	9647.1	9590.0	9525.3	9487.2	9388.3	9228.5	9053.4	8821.3	8554.9	8254.2
-27.5°	8653.8	8547.3	8516.8	8425.5	8379.8	8277.1	8143.9	7980.2	7767.1	7516.0	7268.6
-30°	7409.4	7344.7	7295.2	7203.9	7169.7	7059.3	6971.8	6834.8	6640.7	6461.8	6263.9
-32.5°	6130.7	6066.1	6050.8	6009.0	5986.1	5913.8	5814.9	5715.9	5559.9	5426.7	5266.9
-35°	4996.7	4951.0	4954.8	4951.0	4928.2	4874.9	4753.1	4726.5	4612.3	4490.6	4387.8
-37.5°	4091.0	4094.8	4091.0	4087.2	4056.7	4033.9	3946.4	3912.1	3843.6	3725.6	3664.7
-40°	3409.8	3417.4	3413.6	3406.0	3371.7	3360.3	3303.2	3257.6	3230.9	3147.2	3082.5
-42.5°	2858.0	2869.4	2865.6	2861.8	2838.9	2835.1	2804.7	2751.4	2736.2	2686.7	2618.2
-45°	2439.4	2435.6	2427.9	2435.6	2424.1	2412.7	2393.7	2359.4	2340.4	2317.6	2260.5
-47.5°	2108.3	2112.1	2104.5	2104.5	2089.2	2077.8	2070.2	2047.4	2032.2	2013.1	1978.9
-50°	1834.3	1849.5	1845.7	1841.9	1830.5	1822.9	1822.9	1800.0	1777.2	1769.6	1746.7
-52.5°	1621.2	1632.6	1636.4	1644.0	1647.8	1651.6	1640.2	1617.4	1579.3	1575.5	1564.1
-55°	1427.1	1461.3	1484.2	1499.4	1514.6	1526.0	1503.2	1472.7	1434.7	1419.5	1415.7
-57.5°	1293.9	1328.1	1354.8	1377.6	1396.6	1415.7	1392.8	1362.4	1328.1	1309.1	1305.3
-60°	1172.1	1202.6	1229.2	1259.6	1286.3	1316.7	1305.3	1282.5	1263.4	1248.2	1233.0
-62.5°	1042.7	1073.2	1103.6	1141.7	1175.9	1206.4	1210.2	1206.4	1202.6	1206.4	1179.7
-65°	936.2	951.4	970.4	1012.3	1050.3	1084.6	1103.6	1115.0	1134.1	1153.1	1126.4
-67.5°	822.0	841.0	863.9	894.3	924.7	947.6	974.2	1004.7	1035.1	1065.6	1046.5
-70°	719.2	734.5	753.5	768.7	787.7	803.0	825.8	860.1	894.3	924.7	917.1
-72.5°	612.7	627.9	639.3	646.9	658.4	666.0	677.4	707.8	730.7	745.9	745.9
-75°	506.1	521.4	532.8	536.6	544.2	548.0	555.6	567.0	578.4	582.2	586.1
-77.5°	388.2	403.4	414.8	422.4	430.0	437.6	441.4	449.1	452.9	452.9	456.7
-80°	289.2	300.6	308.2	319.7	323.5	331.1	338.7	342.5	346.3	346.3	350.1
-82.5°	205.5	213.1	220.7	228.3	235.9	239.7	247.4	251.2	255.0	258.8	262.6
-85°	137.0	144.6	152.2	159.8	163.6	167.4	171.2	175.1	178.9	182.7	186.5
-87.5°	79.9	83.7	87.5	95.1	98.9	106.6	110.4	106.6	110.4	110.4	110.4
-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°	148.4	148.4	148.4	148.4	144.6	137.0	133.2	125.6	118.0	110.4	102.7
85°	308.2	312.1	312.1	312.1	304.4	300.6	289.2	277.8	262.6	239.7	220.7
82.5°	513.7	517.6	517.6	513.7	506.1	494.7	479.5	460.5	430.0	399.6	372.9
80°	772.5	776.3	776.3	772.5	753.5	734.5	715.4	692.6	654.6	612.7	567.0
77.5°	1080.8	1088.4	1088.4	1077.0	1050.3	1027.5	997.1	959.0	901.9	841.0	780.1
75°	1438.5	1457.5	1461.3	1449.9	1415.7	1373.8	1324.3	1259.6	1172.1	1096.0	1023.7
72.5°	1853.3	1872.3	1887.6	1872.3	1822.9	1765.8	1693.5	1617.4	1529.8	1427.1	1305.3
70°	2397.5	2416.5	2427.9	2378.5	2290.9	2195.8	2108.3	2020.7	1918.0	1792.4	1659.2
67.5°	3082.5	3063.5	3040.6	2941.7	2831.3	2717.2	2595.4	2466.0	2332.8	2199.6	2043.6
65°	3740.9	3687.6	3638.1	3520.1	3379.3	3230.9	3090.1	2945.5	2785.7	2618.2	2469.8
62.5°	4433.5	4319.3	4197.5	4052.9	3908.3	3744.7	3603.9	3432.6	3253.7	3048.2	2858.0
60°	5114.7	4977.7	4855.9	4677.0	4486.7	4266.0	4113.8	3946.4	3737.1	3516.3	3291.8
57.5°	5773.0	5624.6	5491.4	5335.4	5129.9	4890.1	4722.7	4505.8	4285.1	4007.2	3778.9
55°	6473.2	6324.8	6218.3	6043.2	5818.7	5598.0	5415.3	5187.0	4878.7	4581.9	4300.3
52.5°	7276.2	7158.2	7044.1	6865.2	6595.0	6370.5	6168.8	5913.8	5590.4	5225.0	4886.3
50°	8174.3	8113.4	7991.7	7782.4	7474.1	7276.2	7009.8	6671.1	6324.8	5940.5	5518.1
47.5°	9365.5	9266.5	9095.3	8866.9	8608.2	8311.3	7953.6	7557.8	7066.9	6640.7	6191.6
45°	10788.7	10606.1	10385.4	10077.1	9757.4	9422.6	9030.6	8528.2	7869.9	7314.3	6842.4
42.5°	12330.0	12082.6	11782.0	11378.6	10963.8	10552.8	10130.4	9445.4	8623.4	7984.1	7451.3
40°	13939.7	13623.9	13247.1	12661.1	12200.6	11671.6	11188.3	10164.6	9289.4	8596.7	8029.7
37.5°	15515.2	15115.7	14483.9	13772.3	13235.7	12801.9	11740.1	10644.1	9860.2	9099.1	8524.4
35°	16721.6	16382.9	15267.9	14529.6	14069.1	13384.1	12056.0	10933.4	10103.7	9472.0	8577.7
32.5°	17437.1	16561.8	15583.7	14837.9	14457.3	13334.7	12078.8	11017.1	10217.9	9510.1	8440.7
30°	17277.2	16219.3	15363.0	14738.9	13913.1	12904.6	11865.7	10887.7	10111.4	9255.1	8288.5
27.5°	16314.4	15496.2	14731.3	14080.6	13270.0	12364.2	11405.2	10545.2	9822.1	8992.5	8079.2
25°	15226.0	14483.9	13916.9	13349.9	12581.2	11717.3	10872.5	10252.2	9525.3	8707.1	7805.2
22.5°	14225.2	13692.4	13247.1	12653.5	11903.8	11150.3	10625.1	9982.0	9236.1	8406.5	7523.6
20°	13585.8	13224.3	12714.4	12059.8	11469.9	10998.1	10415.8	9734.6	8965.9	8098.2	7283.8
17.5°	13277.6	12859.0	12291.9	11865.7	11412.9	10895.3	10244.6	9521.5	8703.3	7957.4	7310.5
15°	13117.7	12676.3	12303.4	11884.7	11374.8	10830.6	10107.6	9357.9	8703.3	8014.5	7329.5
12.5°	13152.0	12771.4	12364.2	11907.6	11359.6	10777.3	10122.8	9426.4	8749.0	8056.4	7333.3
10°	13258.6	12859.0	12425.1	11919.0	11367.2	10792.6	10164.6	9468.2	8771.8	8075.4	7325.7
7.5°	13296.6	12862.8	12398.5	11888.6	11348.2	10784.9	10172.2	9479.6	8775.6	8071.6	7302.9
5°	13178.6	12786.7	12337.6	11823.9	11294.9	10746.9	10141.8	9464.4	8745.2	8033.5	7245.8
2.5°	13018.8	12702.9	12272.9	11778.2	11241.6	10693.6	10092.3	9395.9	8676.7	7965.0	7173.5
0°	12992.2	12600.2	12166.4	11724.9	11154.1	10575.6	9978.2	9266.5	8551.1	7835.6	7047.9
-2.5°	12817.1	12402.3	11968.5	11489.0	10986.6	10404.4	9776.5	9080.1	8372.2	7668.2	6910.9
-5°	12683.9	12223.4	11763.0	11245.4	10739.3	10157.0	9506.3	8828.9	8136.3	7451.3	6720.6
-7.5°	12505.1	12033.2	11549.9	11009.5	10461.5	9867.8	9224.7	8547.3	7866.1	7184.9	6484.7
-10°	12143.5	11728.7	11275.9	10716.4	10138.0	9544.3	8905.0	8239.0	7557.8	6869.0	6165.0
-12.5°	11705.9	11268.2	10773.5	10259.8	9742.2	9190.4	8551.1	7896.5	7211.5	6518.9	5818.7
-15°	11138.9	10708.8	10202.7	9700.4	9201.8	8672.9	8109.6	7519.8	6823.4	6142.2	5441.9
-17.5°	10431.0	10027.6	9574.8	9095.3	8600.6	8067.8	7519.8	7021.2	6370.5	5731.2	5038.6
-20°	9669.9	9293.2	8886.0	8433.1	7938.4	7417.0	6899.5	6378.1	5814.9	5251.7	4608.5



REPORT NUMBER: P722292
 CATALOG NUMBER: IFLD-S-SA6E-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°	8878.4	8497.8	8086.8	7664.4	7207.7	6724.4	6244.9	5746.4	5251.7	4741.7	4197.5
-25°	7965.0	7630.1	7253.4	6842.4	6435.2	6012.8	5556.1	5103.2	4680.8	4239.4	3794.1
-27.5°	7009.8	6701.6	6359.1	6001.4	5651.2	5297.3	4901.6	4482.9	4132.8	3767.5	3398.4
-30°	6005.2	5757.8	5480.0	5167.9	4897.7	4612.3	4281.2	3934.9	3615.3	3337.5	3040.6
-32.5°	5053.8	4844.5	4646.6	4441.1	4174.7	3954.0	3725.6	3470.7	3189.1	2926.5	2713.4
-35°	4235.6	4011.1	3927.3	3775.1	3584.8	3390.7	3223.3	3040.6	2827.5	2595.4	2420.3
-37.5°	3546.8	3413.6	3295.6	3211.9	3086.3	2930.3	2797.1	2663.9	2500.2	2325.2	2150.1
-40°	3010.2	2918.9	2789.5	2747.6	2667.7	2561.1	2424.1	2321.4	2211.0	2077.8	1929.4
-42.5°	2580.2	2511.7	2427.9	2355.6	2321.4	2245.3	2138.7	2039.8	1952.2	1860.9	1746.7
-45°	2226.2	2180.6	2127.3	2062.6	2036.0	1975.1	1899.0	1788.6	1739.1	1663.0	1579.3
-47.5°	1940.8	1918.0	1879.9	1838.1	1800.0	1754.4	1685.9	1617.4	1548.9	1499.4	1434.7
-50°	1716.3	1701.1	1678.2	1644.0	1594.5	1564.1	1518.4	1457.5	1392.8	1351.0	1305.3
-52.5°	1537.4	1522.2	1507.0	1480.4	1442.3	1411.9	1373.8	1324.3	1271.1	1229.2	1191.1
-55°	1400.4	1377.6	1366.2	1343.4	1312.9	1278.7	1244.4	1210.2	1164.5	1126.4	1088.4
-57.5°	1293.9	1263.4	1248.2	1229.2	1198.7	1164.5	1137.9	1103.6	1073.2	1031.3	997.1
-60°	1210.2	1175.9	1145.5	1126.4	1099.8	1065.6	1038.9	1012.3	981.8	947.6	905.7
-62.5°	1141.7	1099.8	1057.9	1035.1	1008.5	978.0	951.4	924.7	894.3	860.1	822.0
-65°	1077.0	1027.5	974.2	951.4	924.7	894.3	860.1	841.0	814.4	783.9	745.9
-67.5°	997.1	943.8	898.1	871.5	844.8	818.2	787.7	768.7	742.1	704.0	666.0
-70°	879.1	844.8	814.4	791.6	768.7	745.9	715.4	685.0	654.6	620.3	586.1
-72.5°	730.7	719.2	715.4	704.0	677.4	650.7	620.3	589.9	563.2	536.6	509.9
-75°	589.9	597.5	605.1	601.3	574.6	548.0	521.4	494.7	475.7	452.9	430.0
-77.5°	468.1	475.7	483.3	483.3	464.3	449.1	430.0	411.0	395.8	376.7	353.9
-80°	361.5	372.9	384.4	392.0	376.7	365.3	350.1	334.9	319.7	304.4	289.2
-82.5°	274.0	285.4	296.8	304.4	293.0	285.4	274.0	262.6	251.2	235.9	224.5
-85°	197.9	205.5	213.1	216.9	209.3	201.7	194.1	186.5	178.9	167.4	159.8
-87.5°	114.2	118.0	121.8	125.6	118.0	110.4	106.6	98.9	95.1	87.5	83.7
-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: P722292
 CATALOG NUMBER: IFLD-S-SA6E-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°	95.1	87.5	79.9	76.1	68.5	57.1	49.5	41.9	34.2	26.6	22.8
85°	201.7	182.7	159.8	148.4	133.2	118.0	102.7	87.5	72.3	57.1	41.9
82.5°	346.3	323.5	300.6	274.0	239.7	197.9	156.0	129.4	106.6	83.7	64.7
80°	521.4	479.5	441.4	407.2	369.1	315.9	258.8	205.5	144.6	110.4	83.7
77.5°	723.1	673.6	620.3	563.2	502.3	430.0	365.3	296.8	224.5	152.2	106.6
75°	951.4	886.7	814.4	734.5	654.6	559.4	468.1	388.2	304.4	213.1	129.4
72.5°	1206.4	1126.4	1038.9	932.4	806.8	696.4	586.1	479.5	380.6	270.2	175.1
70°	1533.6	1408.1	1278.7	1164.5	1004.7	829.6	700.2	578.4	452.9	331.1	220.7
67.5°	1883.7	1731.5	1575.5	1408.1	1206.4	1000.9	814.4	677.4	529.0	388.2	262.6
65°	2264.3	2074.0	1876.1	1689.7	1411.9	1168.3	959.0	772.5	601.3	441.4	304.4
62.5°	2656.3	2431.7	2203.4	1959.9	1640.2	1339.6	1096.0	879.1	669.8	490.9	342.5
60°	3074.9	2812.3	2534.5	2230.1	1857.1	1526.0	1225.4	989.4	742.1	540.4	384.4
57.5°	3516.3	3230.9	2903.6	2492.6	2081.6	1704.9	1373.8	1088.4	806.8	586.1	414.8
55°	3995.8	3668.6	3310.8	2766.6	2302.4	1883.7	1522.2	1187.3	875.3	624.1	445.2
52.5°	4513.4	4132.8	3680.0	3055.9	2534.5	2066.4	1659.2	1274.9	940.0	666.0	471.9
50°	5091.8	4612.3	4003.4	3322.2	2736.2	2237.7	1796.2	1370.0	993.2	711.6	494.7
47.5°	5693.1	5175.6	4292.7	3569.6	2941.7	2405.1	1937.0	1453.7	1046.5	749.7	517.6
45°	6321.0	5567.5	4593.3	3790.3	3120.6	2557.3	2043.6	1529.8	1111.2	783.9	536.6
42.5°	6941.3	5864.4	4855.9	4011.1	3288.0	2694.3	2131.1	1602.1	1164.5	818.2	555.6
40°	7234.4	6088.9	5065.2	4163.3	3428.8	2816.1	2207.2	1666.8	1210.2	841.0	574.6
37.5°	7356.1	6225.9	5202.2	4307.9	3539.2	2880.8	2271.9	1723.9	1248.2	863.9	589.9
35°	7382.8	6275.4	5270.7	4406.8	3630.5	2941.7	2321.4	1765.8	1278.7	886.7	605.1
32.5°	7333.3	6260.1	5289.7	4441.1	3687.6	2987.4	2355.6	1796.2	1301.5	909.5	620.3
30°	7222.9	6180.2	5221.2	4437.3	3729.4	3014.0	2378.5	1819.1	1324.3	924.7	627.9
27.5°	7044.1	6039.4	5133.7	4441.1	3752.3	3025.4	2389.9	1830.5	1339.6	936.2	643.1
25°	6823.4	5849.1	5137.5	4433.5	3756.1	3029.2	2389.9	1830.5	1343.4	940.0	654.6
22.5°	6568.4	5849.1	5137.5	4422.1	3733.2	3021.6	2378.5	1822.9	1343.4	947.6	666.0
20°	6583.6	5852.9	5126.1	4399.2	3699.0	2998.8	2351.8	1803.8	1331.9	959.0	673.6
17.5°	6595.0	5845.3	5103.2	4368.8	3653.3	2960.7	2317.6	1777.2	1331.9	970.4	677.4
15°	6595.0	5822.5	5069.0	4323.1	3596.2	2907.4	2268.1	1754.4	1335.7	974.2	685.0
12.5°	6583.6	5780.6	5015.7	4262.2	3527.7	2842.7	2237.7	1746.7	1335.7	978.0	685.0
10°	6560.8	5723.6	4947.2	4186.1	3463.1	2819.9	2222.4	1731.5	1328.1	978.0	685.0
7.5°	6518.9	5655.1	4890.1	4140.4	3425.0	2793.3	2199.6	1708.7	1316.7	970.4	692.6
5°	6454.2	5617.0	4844.5	4087.2	3371.7	2774.2	2184.4	1689.7	1309.1	970.4	685.0
2.5°	6370.5	5571.3	4791.2	4018.7	3310.8	2709.6	2134.9	1647.8	1282.5	955.2	677.4
0°	6233.5	5480.0	4699.9	3923.5	3227.1	2644.9	2085.4	1605.9	1255.8	940.0	669.8
-2.5°	6107.9	5358.2	4581.9	3824.6	3147.2	2587.8	2047.4	1583.1	1244.4	936.2	666.0
-5°	5932.9	5190.8	4425.9	3695.2	3040.6	2530.7	2009.3	1556.5	1233.0	928.6	666.0
-7.5°	5738.8	5015.7	4262.2	3562.0	2934.1	2431.7	1937.0	1514.6	1206.4	913.3	662.2
-10°	5438.1	4753.1	4056.7	3409.8	2819.9	2344.2	1876.1	1476.6	1183.5	898.1	646.9
-12.5°	5118.5	4463.9	3820.8	3223.3	2690.5	2252.9	1807.6	1434.7	1156.9	882.9	639.3
-15°	4779.8	4167.1	3573.4	3029.2	2549.7	2142.5	1735.3	1389.0	1130.2	863.9	627.9
-17.5°	4425.9	3855.0	3318.4	2831.3	2408.9	2028.4	1659.2	1347.2	1099.8	844.8	616.5
-20°	4052.9	3535.4	3059.7	2629.6	2260.5	1914.2	1579.3	1297.7	1065.6	822.0	601.3



REPORT NUMBER: P722292

CATALOG NUMBER: IFLD-S-SA6E-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3683.8	3219.5	2793.3	2431.7	2108.3	1796.2	1499.4	1248.2	1027.5	795.4	589.9
-25°	3356.5	2922.7	2557.3	2241.5	1959.9	1682.1	1415.7	1198.7	985.6	768.7	574.6
-27.5°	3036.8	2667.7	2325.2	2062.6	1815.2	1571.7	1335.7	1145.5	943.8	738.3	559.4
-30°	2740.0	2424.1	2142.5	1887.6	1678.2	1472.7	1267.2	1092.2	898.1	707.8	540.4
-32.5°	2469.8	2214.8	1978.9	1735.3	1548.9	1373.8	1202.6	1038.9	852.4	677.4	521.4
-35°	2218.6	2020.7	1815.2	1609.7	1419.5	1282.5	1134.1	981.8	810.6	643.1	502.3
-37.5°	1994.1	1834.3	1670.6	1495.6	1331.9	1194.9	1069.4	924.7	768.7	612.7	483.3
-40°	1800.0	1670.6	1526.0	1385.2	1248.2	1118.8	1004.7	867.7	726.9	589.9	464.3
-42.5°	1621.2	1522.2	1404.2	1286.3	1164.5	1050.3	940.0	806.8	685.0	563.2	445.2
-45°	1484.2	1385.2	1290.1	1183.5	1080.8	981.8	871.5	753.5	646.9	532.8	426.2
-47.5°	1354.8	1267.2	1179.7	1092.2	1008.5	917.1	806.8	707.8	605.1	506.1	411.0
-50°	1240.6	1156.9	1080.8	1004.7	932.4	844.8	742.1	662.2	570.8	479.5	392.0
-52.5°	1134.1	1061.7	985.6	924.7	863.9	776.3	692.6	616.5	536.6	449.1	372.9
-55°	1038.9	970.4	901.9	844.8	787.7	711.6	643.1	578.4	502.3	426.2	353.9
-57.5°	947.6	890.5	825.8	772.5	715.4	654.6	597.5	536.6	468.1	403.4	334.9
-60°	863.9	810.6	753.5	700.2	650.7	601.3	548.0	498.5	437.6	376.7	315.9
-62.5°	780.1	734.5	685.0	631.7	593.7	548.0	506.1	456.7	407.2	353.9	281.6
-65°	704.0	662.2	616.5	570.8	536.6	502.3	464.3	418.6	376.7	327.3	251.2
-67.5°	627.9	589.9	551.8	513.7	483.3	456.7	418.6	384.4	350.1	296.8	220.7
-70°	555.6	525.2	490.9	460.5	437.6	407.2	380.6	350.1	319.7	258.8	186.5
-72.5°	487.1	456.7	430.0	407.2	388.2	361.5	338.7	315.9	274.0	216.9	156.0
-75°	407.2	388.2	372.9	353.9	334.9	315.9	296.8	270.2	228.3	175.1	121.8
-77.5°	334.9	323.5	312.1	296.8	281.6	266.4	243.6	216.9	182.7	137.0	98.9
-80°	274.0	262.6	255.0	239.7	228.3	213.1	190.3	167.4	133.2	106.6	79.9
-82.5°	209.3	201.7	194.1	186.5	175.1	159.8	137.0	118.0	98.9	79.9	60.9
-85°	148.4	144.6	137.0	129.4	118.0	106.6	91.3	79.9	68.5	53.3	41.9
-87.5°	76.1	72.3	68.5	64.7	60.9	53.3	45.7	38.1	34.2	26.6	19.0
-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: P722292
 CATALOG NUMBER: IFLD-S-SA6E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.2	11.4	3.8	0.0
85°	30.4	19.0	7.6	0.0
82.5°	45.7	30.4	11.4	0.0
80°	60.9	38.1	19.0	0.0
77.5°	76.1	45.7	22.8	0.0
75°	91.3	57.1	26.6	0.0
72.5°	102.7	64.7	30.4	0.0
70°	121.8	76.1	34.2	0.0
67.5°	152.2	83.7	38.1	0.0
65°	178.9	91.3	41.9	0.0
62.5°	209.3	98.9	45.7	0.0
60°	235.9	106.6	49.5	0.0
57.5°	262.6	125.6	53.3	0.0
55°	285.4	140.8	57.1	0.0
52.5°	312.1	156.0	60.9	0.0
50°	334.9	171.2	64.7	0.0
47.5°	353.9	186.5	64.7	0.0
45°	369.1	197.9	68.5	0.0
42.5°	380.6	209.3	72.3	0.0
40°	392.0	220.7	76.1	0.0
37.5°	403.4	232.1	76.1	0.0
35°	414.8	243.6	79.9	0.0
32.5°	426.2	255.0	79.9	0.0
30°	433.8	262.6	83.7	0.0
27.5°	445.2	270.2	83.7	0.0
25°	449.1	277.8	87.5	0.0
22.5°	456.7	281.6	87.5	0.0
20°	464.3	289.2	87.5	0.0
17.5°	468.1	293.0	91.3	0.0
15°	468.1	296.8	95.1	0.0
12.5°	471.9	300.6	95.1	0.0
10°	471.9	308.2	91.3	0.0
7.5°	479.5	304.4	91.3	0.0
5°	475.7	304.4	91.3	0.0
2.5°	471.9	300.6	91.3	0.0
0°	468.1	300.6	91.3	0.0
-2.5°	468.1	300.6	91.3	0.0
-5°	468.1	300.6	91.3	0.0
-7.5°	464.3	304.4	91.3	0.0
-10°	456.7	304.4	91.3	0.0
-12.5°	452.9	293.0	91.3	0.0
-15°	449.1	289.2	91.3	0.0
-17.5°	441.4	285.4	87.5	0.0
-20°	433.8	281.6	87.5	0.0



REPORT NUMBER: P722292
 CATALOG NUMBER: IFLD-S-SA6E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	426.2	274.0	87.5	0.0
-25°	418.6	266.4	83.7	0.0
-27.5°	411.0	258.8	83.7	0.0
-30°	399.6	251.2	79.9	0.0
-32.5°	388.2	243.6	79.9	0.0
-35°	380.6	232.1	76.1	0.0
-37.5°	369.1	220.7	76.1	0.0
-40°	357.7	209.3	72.3	0.0
-42.5°	346.3	197.9	68.5	0.0
-45°	331.1	186.5	68.5	0.0
-47.5°	319.7	175.1	64.7	0.0
-50°	300.6	159.8	60.9	0.0
-52.5°	277.8	144.6	57.1	0.0
-55°	255.0	133.2	53.3	0.0
-57.5°	232.1	118.0	53.3	0.0
-60°	209.3	102.7	49.5	0.0
-62.5°	186.5	95.1	45.7	0.0
-65°	163.6	87.5	41.9	0.0
-67.5°	137.0	76.1	38.1	0.0
-70°	114.2	68.5	34.2	0.0
-72.5°	98.9	60.9	30.4	0.0
-75°	83.7	53.3	26.6	0.0
-77.5°	72.3	45.7	22.8	0.0
-80°	57.1	34.2	15.2	0.0
-82.5°	41.9	26.6	11.4	0.0
-85°	26.6	19.0	7.6	0.0
-87.5°	15.2	7.6	3.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)