

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: P722078

Luminaire Tested: **IFLD-S-SA2D-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722078
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

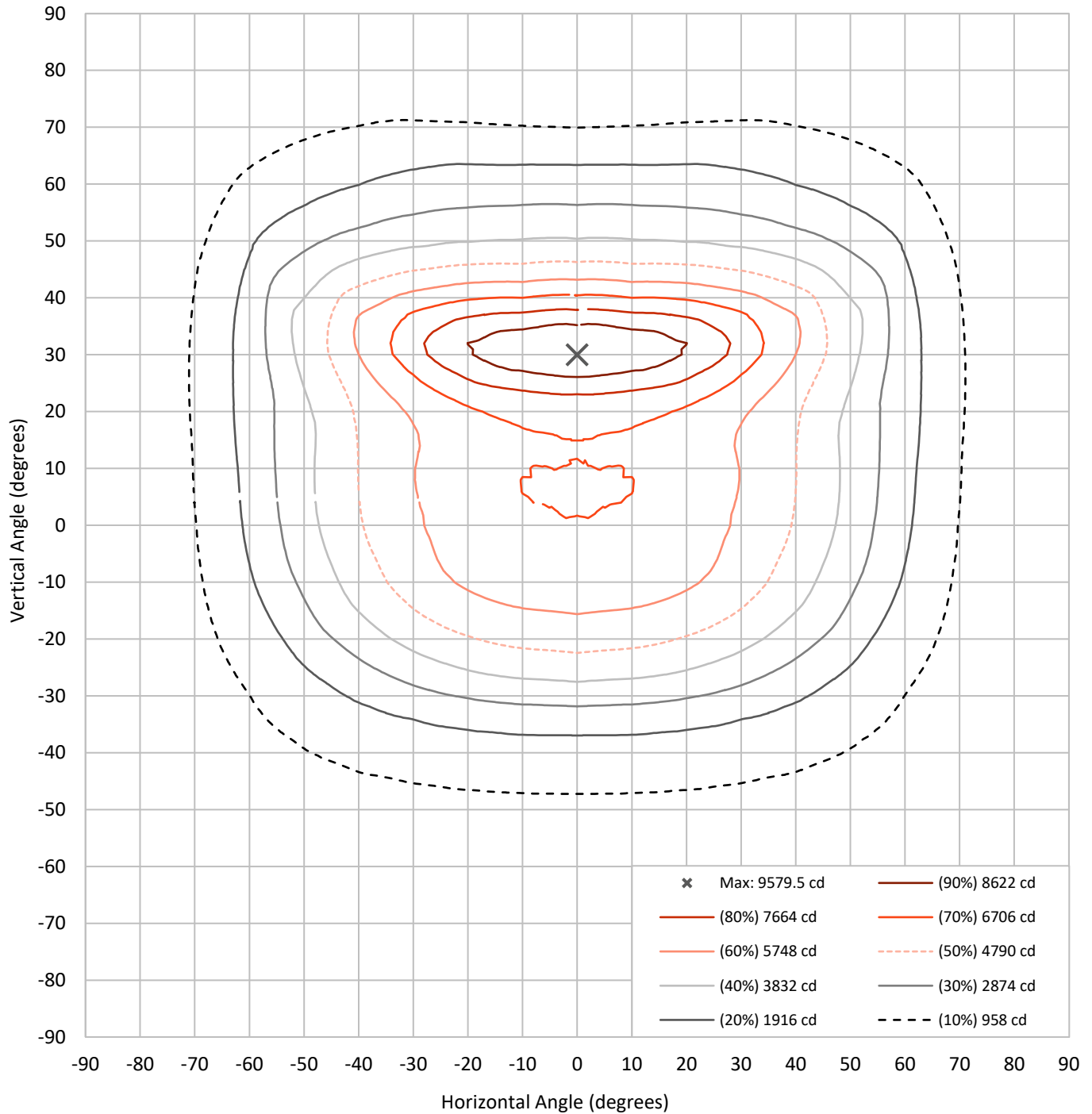
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15990.6 lumens	Max Intensity:	9579.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9298.7 lumens	Field Lumens:	14985.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9
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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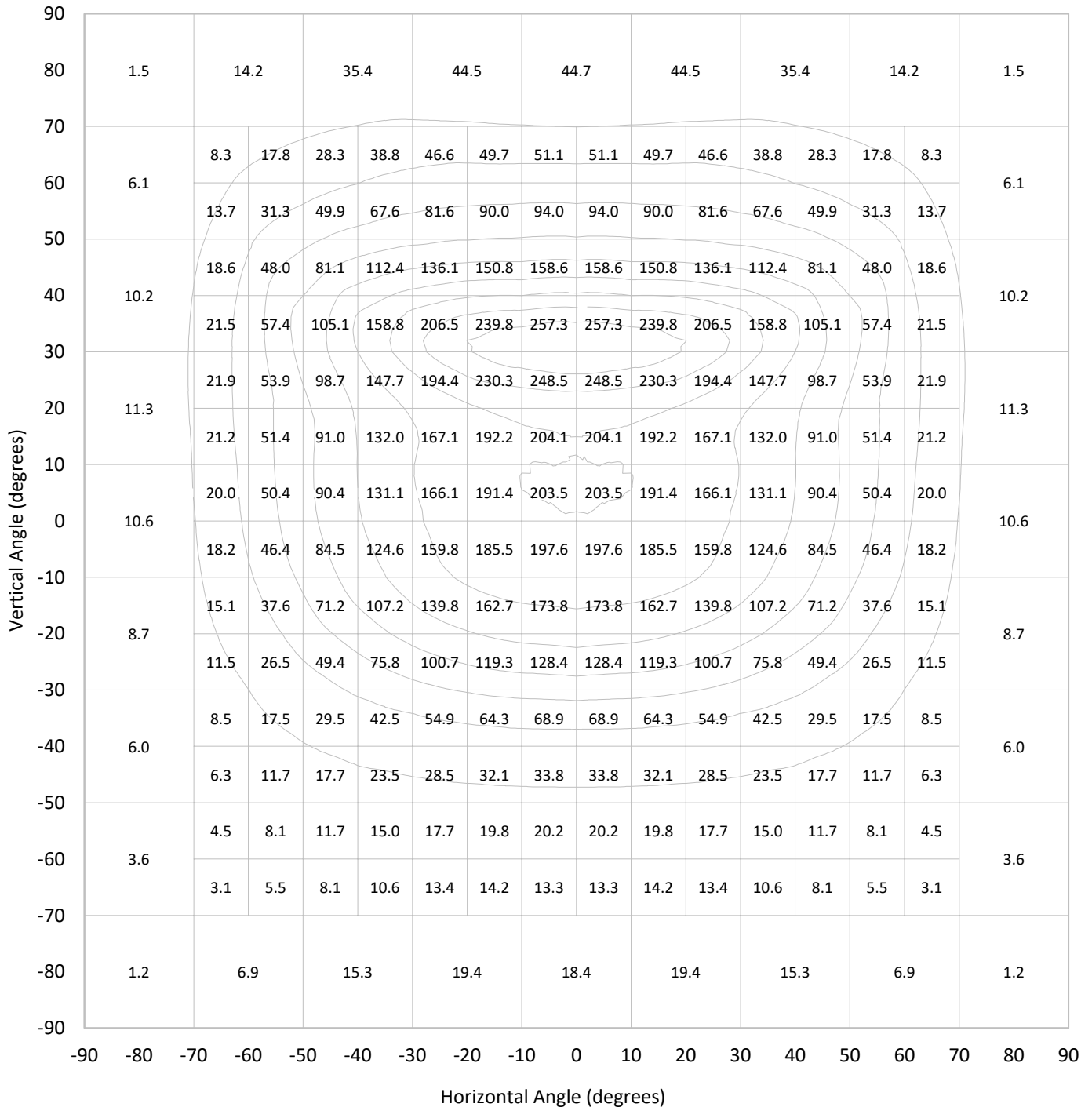
Iso-Candela Plot





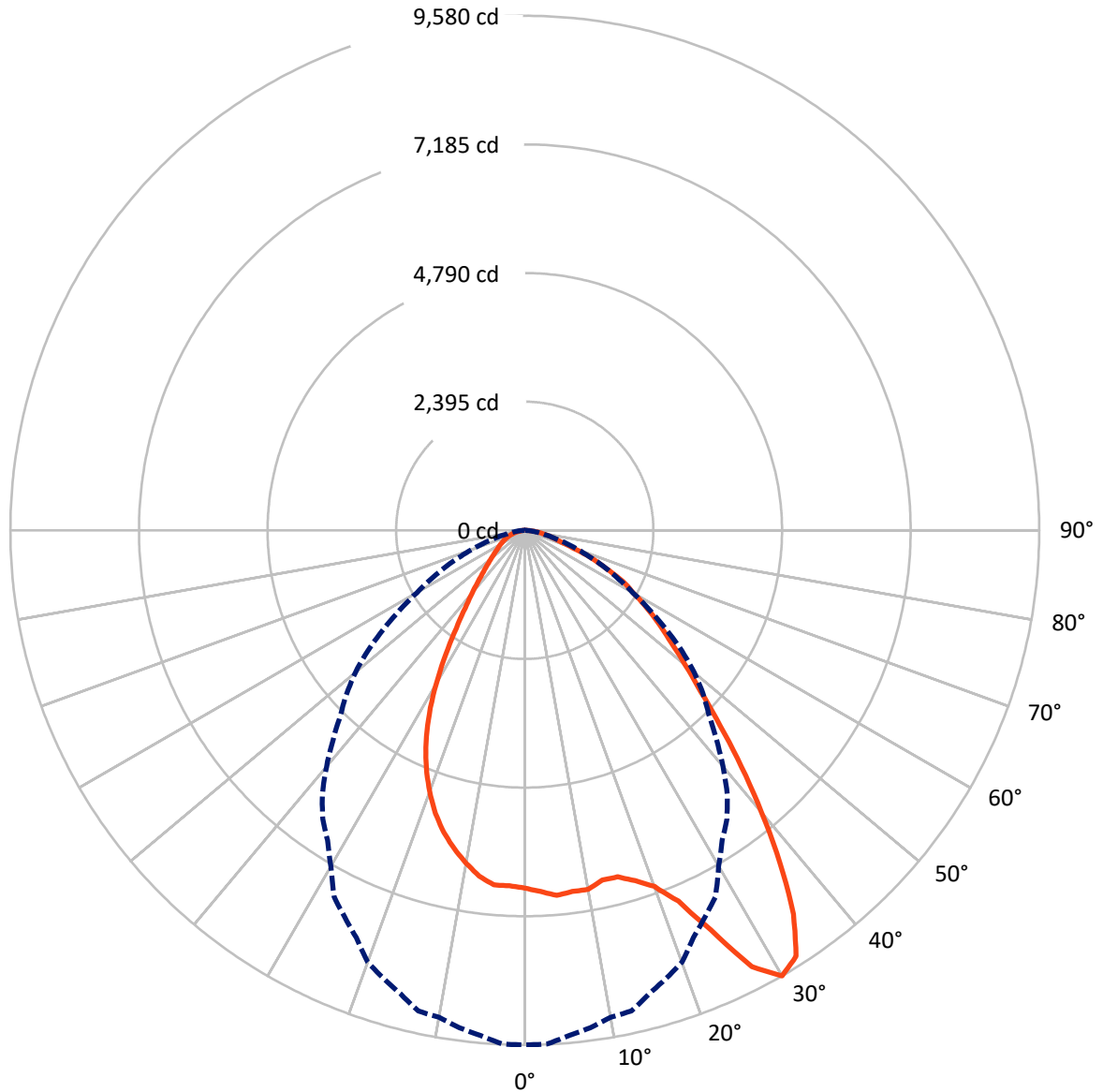
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Lumen Table



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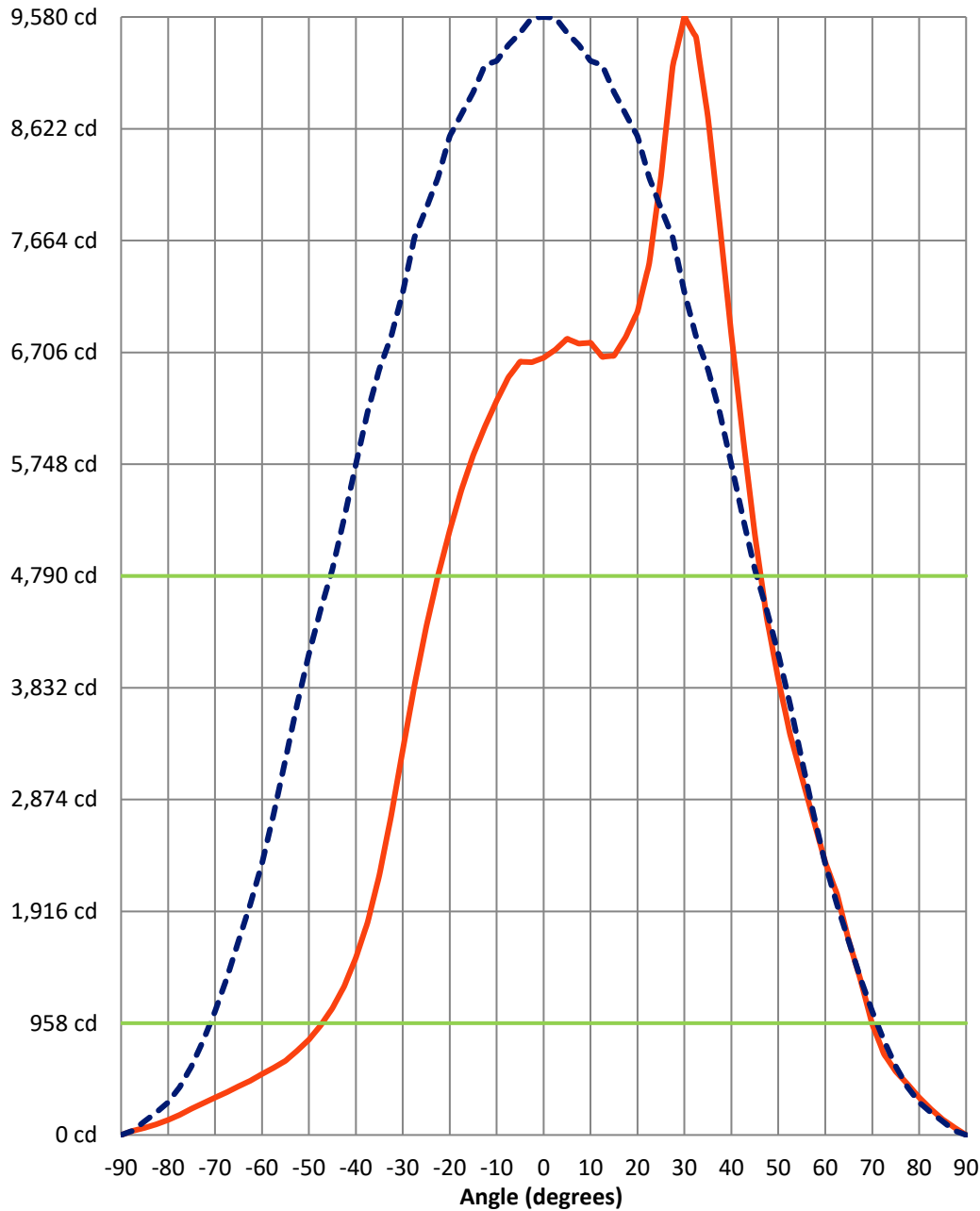
Luminous Intensity Polar Plot



— 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: 9298.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14985.3
 Efficiency: 93.7%

Spill:
 Lumens: 1005.3
 Efficiency: 6.3%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	64.4	66.1	67.8	67.8	66.1	66.1	66.1	64.4	66.1	66.1	66.1
85°	133.8	137.2	140.6	138.9	137.2	133.8	130.4	132.1	133.8	135.5	135.5
82.5°	221.9	227.0	230.4	228.7	225.3	221.9	218.5	220.2	223.6	225.3	225.3
80°	321.9	323.6	325.2	328.6	323.6	323.6	321.9	328.6	332.0	335.4	338.8
77.5°	437.0	438.7	438.7	440.4	442.1	443.8	443.8	455.7	464.2	469.2	474.3
75°	545.5	550.5	555.6	560.7	567.5	570.9	576.0	592.9	606.4	616.6	626.8
72.5°	694.5	701.3	709.8	721.6	733.5	742.0	753.8	774.2	789.4	799.6	811.4
70°	950.3	957.1	965.6	974.0	985.9	994.4	1006.2	1031.6	1046.9	1053.7	1060.4
67.5°	1329.8	1346.7	1362.0	1345.0	1336.6	1324.7	1328.1	1351.8	1367.1	1377.2	1375.5
65°	1666.9	1678.7	1678.7	1677.1	1670.3	1655.0	1663.5	1692.3	1709.2	1717.7	1692.3
62.5°	2063.3	2063.3	2054.8	2068.4	2070.1	2059.9	2054.8	2056.5	2058.2	2063.3	2020.9
60°	2337.7	2354.6	2359.7	2371.6	2375.0	2375.0	2383.4	2390.2	2390.2	2380.1	2330.9
57.5°	2700.2	2732.4	2739.2	2730.7	2713.8	2691.8	2688.4	2678.2	2657.9	2637.5	2613.8
55°	3066.1	3083.1	3081.4	3076.3	3059.3	3033.9	3037.3	3023.8	2991.6	2966.2	2934.0
52.5°	3433.7	3474.4	3481.2	3471.0	3447.3	3420.2	3421.9	3406.6	3374.4	3347.3	3303.3
50°	3903.0	3936.8	3933.4	3916.5	3882.6	3862.3	3864.0	3835.2	3797.9	3789.5	3731.9
47.5°	4440.0	4478.9	4472.1	4448.4	4402.7	4394.2	4402.7	4365.4	4343.4	4324.8	4257.0
45°	5144.7	5190.4	5165.0	5119.2	5046.4	5054.9	5066.7	5060.0	5012.5	4963.4	4877.0
42.5°	5971.3	6000.1	5969.6	5923.9	5832.4	5849.4	5842.6	5801.9	5773.1	5691.8	5581.7
40°	6855.6	6918.3	6870.8	6799.7	6704.8	6730.2	6711.6	6659.1	6591.3	6489.7	6350.8
37.5°	7809.3	7858.4	7804.2	7721.2	7636.5	7628.0	7590.8	7509.5	7412.9	7301.1	7079.2
35°	8722.4	8849.4	8749.5	8617.3	8514.0	8475.0	8439.5	8251.4	8141.3	7960.1	7656.8
32.5°	9401.7	9494.8	9371.2	9233.9	9108.6	9054.4	8929.0	8705.4	8646.1	8265.0	7987.2
30°	9579.5	9572.7	9444.0	9339.0	9203.5	9166.2	8935.8	8746.1	8556.4	8204.0	7939.7
27.5°	9156.0	9113.7	8990.0	8898.5	8764.7	8720.7	8493.7	8392.0	8099.0	7800.8	7577.2
25°	8212.5	8234.5	8141.3	8095.6	8007.5	7912.6	7822.9	7685.6	7502.7	7241.8	7036.8
22.5°	7468.8	7497.6	7458.6	7404.4	7336.7	7284.2	7216.4	7109.7	6933.5	6772.6	6579.5
20°	7055.5	7047.0	7013.1	6972.5	6908.1	6870.8	6796.3	6706.5	6571.0	6432.1	6223.7
17.5°	6838.6	6786.1	6753.9	6738.7	6704.8	6657.4	6569.3	6477.8	6372.8	6215.3	6062.8
15°	6677.7	6686.2	6660.8	6648.9	6621.8	6555.7	6466.0	6391.4	6249.1	6169.5	6030.6
12.5°	6667.6	6659.1	6660.8	6655.7	6621.8	6537.1	6491.4	6396.5	6305.0	6200.0	6040.8
10°	6787.8	6698.0	6704.8	6728.5	6674.3	6606.6	6557.4	6454.1	6367.7	6233.9	6076.3
7.5°	6781.0	6735.3	6748.9	6709.9	6726.8	6643.8	6576.1	6472.7	6364.3	6222.0	6079.7
5°	6821.7	6752.3	6740.4	6743.8	6701.4	6638.8	6547.3	6449.0	6347.4	6188.2	6042.5
2.5°	6728.5	6738.7	6684.5	6664.2	6659.1	6554.1	6469.4	6374.5	6269.5	6128.9	5998.4
0°	6659.1	6677.7	6621.8	6593.0	6591.3	6501.5	6447.3	6338.9	6264.4	6147.5	5990.0
-2.5°	6621.8	6643.8	6650.6	6598.1	6547.3	6477.8	6386.3	6269.5	6147.5	6012.0	5876.5
-5°	6625.2	6581.2	6562.5	6579.5	6535.4	6466.0	6364.3	6261.0	6140.7	5995.0	5825.6
-7.5°	6491.4	6447.3	6443.9	6435.5	6425.3	6359.2	6274.5	6162.7	6040.8	5905.3	5747.7
-10°	6291.5	6259.3	6250.8	6242.4	6215.3	6176.3	6096.7	5995.0	5884.9	5749.4	5581.7
-12.5°	6069.6	6054.3	6022.1	6000.1	5973.0	5927.3	5851.0	5757.9	5647.8	5527.5	5383.5
-15°	5823.9	5795.1	5763.0	5744.3	5705.4	5651.2	5574.9	5488.5	5368.3	5249.7	5114.2
-17.5°	5527.5	5491.9	5456.3	5451.3	5424.2	5341.2	5270.0	5165.0	5060.0	4946.5	4814.3
-20°	5178.5	5129.4	5105.7	5092.1	5054.9	4993.9	4917.7	4821.1	4719.5	4611.0	4458.6



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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°	4792.3	4750.0	4709.3	4683.9	4651.7	4604.3	4531.4	4446.7	4346.8	4224.8	4084.2
-25°	4353.6	4294.3	4268.9	4240.1	4223.1	4179.1	4107.9	4030.0	3926.7	3808.1	3674.3
-27.5°	3852.1	3804.7	3791.2	3750.5	3730.2	3684.4	3625.1	3552.3	3457.4	3345.6	3235.5
-30°	3298.2	3269.4	3247.4	3206.7	3191.5	3142.4	3103.4	3042.4	2956.0	2876.4	2788.3
-32.5°	2729.0	2700.2	2693.4	2674.8	2664.6	2632.5	2588.4	2544.4	2474.9	2415.6	2344.5
-35°	2224.2	2203.9	2205.6	2203.9	2193.7	2170.0	2115.8	2103.9	2053.1	1998.9	1953.2
-37.5°	1821.0	1822.7	1821.0	1819.3	1805.8	1795.6	1756.7	1741.4	1710.9	1658.4	1631.3
-40°	1517.8	1521.2	1519.5	1516.1	1500.9	1495.8	1470.4	1450.1	1438.2	1400.9	1372.1
-42.5°	1272.2	1277.3	1275.6	1273.9	1263.7	1262.0	1248.5	1224.8	1218.0	1196.0	1165.5
-45°	1085.8	1084.2	1080.8	1084.2	1079.1	1074.0	1065.5	1050.3	1041.8	1031.6	1006.2
-47.5°	938.5	940.2	936.8	936.8	930.0	924.9	921.5	911.4	904.6	896.1	880.9
-50°	816.5	823.3	821.6	819.9	814.8	811.4	811.4	801.3	791.1	787.7	777.5
-52.5°	721.6	726.7	728.4	731.8	733.5	735.2	730.1	719.9	703.0	701.3	696.2
-55°	635.2	650.5	660.7	667.4	674.2	679.3	669.1	655.6	638.6	631.9	630.2
-57.5°	576.0	591.2	603.1	613.2	621.7	630.2	620.0	606.4	591.2	582.7	581.0
-60°	521.7	535.3	547.2	560.7	572.6	586.1	581.0	570.9	562.4	555.6	548.9
-62.5°	464.2	477.7	491.3	508.2	523.4	537.0	538.7	537.0	535.3	537.0	525.1
-65°	416.7	423.5	432.0	450.6	467.5	482.8	491.3	496.3	504.8	513.3	501.4
-67.5°	365.9	374.4	384.5	398.1	411.6	421.8	433.7	447.2	460.8	474.3	465.8
-70°	320.2	326.9	335.4	342.2	350.7	357.4	367.6	382.8	398.1	411.6	408.3
-72.5°	272.7	279.5	284.6	288.0	293.1	296.4	301.5	315.1	325.2	332.0	332.0
-75°	225.3	232.1	237.2	238.9	242.2	243.9	247.3	252.4	257.5	259.2	260.9
-77.5°	172.8	179.6	184.6	188.0	191.4	194.8	196.5	199.9	201.6	201.6	203.3
-80°	128.7	133.8	137.2	142.3	144.0	147.4	150.8	152.5	154.2	154.2	155.8
-82.5°	91.5	94.9	98.3	101.6	105.0	106.7	110.1	111.8	113.5	115.2	116.9
-85°	61.0	64.4	67.8	71.1	72.8	74.5	76.2	77.9	79.6	81.3	83.0
-87.5°	35.6	37.3	39.0	42.3	44.0	47.4	49.1	47.4	49.1	49.1	49.1
-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°	66.1	66.1	66.1	66.1	64.4	61.0	59.3	55.9	52.5	49.1	45.7
85°	137.2	138.9	138.9	138.9	135.5	133.8	128.7	123.7	116.9	106.7	98.3
82.5°	228.7	230.4	230.4	228.7	225.3	220.2	213.4	205.0	191.4	177.9	166.0
80°	343.9	345.6	345.6	343.9	335.4	326.9	318.5	308.3	291.4	272.7	252.4
77.5°	481.1	484.5	484.5	479.4	467.5	457.4	443.8	426.9	401.5	374.4	347.3
75°	640.3	648.8	650.5	645.4	630.2	611.5	589.5	560.7	521.7	487.9	455.7
72.5°	825.0	833.4	840.2	833.4	811.4	786.0	753.8	719.9	681.0	635.2	581.0
70°	1067.2	1075.7	1080.8	1058.7	1019.8	977.4	938.5	899.5	853.8	797.9	738.6
67.5°	1372.1	1363.7	1353.5	1309.5	1260.3	1209.5	1155.3	1097.7	1038.4	979.1	909.7
65°	1665.2	1641.5	1619.5	1566.9	1504.3	1438.2	1375.5	1311.1	1240.0	1165.5	1099.4
62.5°	1973.5	1922.7	1868.5	1804.1	1739.7	1666.9	1604.2	1528.0	1448.4	1356.9	1272.2
60°	2276.7	2215.7	2161.5	2081.9	1997.2	1899.0	1831.2	1756.7	1663.5	1565.2	1465.3
57.5°	2569.8	2503.7	2444.4	2375.0	2283.5	2176.8	2102.2	2005.7	1907.4	1783.8	1682.1
55°	2881.5	2815.4	2768.0	2690.1	2590.1	2491.9	2410.6	2308.9	2171.7	2039.6	1914.2
52.5°	3238.9	3186.4	3135.6	3056.0	2935.7	2835.7	2746.0	2632.5	2488.5	2325.9	2175.1
50°	3638.7	3611.6	3557.4	3464.2	3327.0	3238.9	3120.3	2969.6	2815.4	2644.3	2456.3
47.5°	4168.9	4124.9	4048.6	3947.0	3831.8	3699.7	3540.4	3364.3	3145.7	2956.0	2756.1
45°	4802.5	4721.2	4622.9	4485.7	4343.4	4194.3	4019.8	3796.2	3503.2	3255.9	3045.8
42.5°	5488.5	5378.4	5244.6	5065.0	4880.4	4697.4	4509.4	4204.5	3838.6	3554.0	3316.8
40°	6205.1	6064.5	5896.8	5635.9	5430.9	5195.5	4980.3	4524.7	4135.0	3826.7	3574.3
37.5°	6906.4	6728.5	6447.3	6130.6	5891.7	5698.6	5226.0	4738.1	4389.1	4050.3	3794.5
35°	7443.4	7292.6	6796.3	6467.7	6262.7	5957.8	5366.6	4866.8	4497.5	4216.3	3818.3
32.5°	7761.9	7372.3	6936.9	6604.9	6435.5	5935.7	5376.7	4904.1	4548.4	4233.3	3757.3
30°	7690.7	7219.8	6838.6	6560.8	6193.2	5744.3	5281.9	4846.5	4500.9	4119.8	3689.5
27.5°	7262.1	6897.9	6557.4	6267.8	5906.9	5503.8	5076.9	4694.1	4372.2	4002.9	3596.3
25°	6777.7	6447.3	6194.9	5942.5	5600.3	5215.8	4839.7	4563.6	4240.1	3875.9	3474.4
22.5°	6332.1	6095.0	5896.8	5632.5	5298.8	4963.4	4729.6	4443.3	4111.3	3742.0	3349.0
20°	6047.6	5886.6	5659.6	5368.3	5105.7	4895.6	4636.5	4333.2	3991.0	3604.8	3242.3
17.5°	5910.3	5724.0	5471.6	5281.9	5080.3	4849.9	4560.2	4238.4	3874.2	3542.1	3254.2
15°	5839.2	5642.7	5476.7	5290.3	5063.3	4821.1	4499.2	4165.5	3874.2	3567.5	3262.6
12.5°	5854.4	5685.0	5503.8	5300.5	5056.6	4797.4	4506.0	4196.0	3894.5	3586.2	3264.3
10°	5901.9	5724.0	5530.9	5305.6	5060.0	4804.2	4524.7	4214.7	3904.7	3594.7	3260.9
7.5°	5918.8	5725.7	5519.0	5292.0	5051.5	4800.8	4528.0	4219.7	3906.3	3593.0	3250.8
5°	5866.3	5691.8	5491.9	5263.2	5027.8	4783.8	4514.5	4213.0	3892.8	3576.0	3225.4
2.5°	5795.1	5654.5	5463.1	5242.9	5004.1	4760.1	4492.5	4182.5	3862.3	3545.5	3193.2
0°	5783.3	5608.8	5415.7	5219.2	4965.1	4707.6	4441.6	4124.9	3806.4	3487.9	3137.3
-2.5°	5705.4	5520.7	5327.6	5114.2	4890.6	4631.4	4351.9	4041.9	3726.8	3413.4	3076.3
-5°	5646.1	5441.1	5236.1	5005.7	4780.4	4521.3	4231.6	3930.1	3621.8	3316.8	2991.6
-7.5°	5566.5	5356.4	5141.3	4900.7	4656.8	4392.5	4106.2	3804.7	3501.5	3198.3	2886.6
-10°	5405.5	5220.9	5019.3	4770.3	4512.8	4248.5	3963.9	3667.5	3364.3	3057.7	2744.3
-12.5°	5210.7	5015.9	4795.7	4567.0	4336.6	4091.0	3806.4	3515.0	3210.1	2901.8	2590.1
-15°	4958.3	4766.9	4541.6	4318.0	4096.1	3860.6	3609.9	3347.3	3037.3	2734.1	2422.4
-17.5°	4643.2	4463.7	4262.1	4048.6	3828.4	3591.3	3347.3	3125.4	2835.7	2551.2	2242.8
-20°	4304.4	4136.7	3955.5	3753.9	3533.7	3301.6	3071.2	2839.1	2588.4	2337.7	2051.4



REPORT NUMBER: P722078
 CATALOG NUMBER: IFLD-S-SA2D-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3952.1	3782.7	3599.7	3411.7	3208.4	2993.3	2779.8	2557.9	2337.7	2110.7	1868.5
-25°	3545.5	3396.5	3228.7	3045.8	2864.5	2676.5	2473.2	2271.6	2083.6	1887.1	1688.9
-27.5°	3120.3	2983.1	2830.7	2671.4	2515.6	2358.0	2181.9	1995.5	1839.7	1677.1	1512.7
-30°	2673.1	2563.0	2439.3	2300.4	2180.2	2053.1	1905.7	1751.6	1609.3	1485.6	1353.5
-32.5°	2249.6	2156.5	2068.4	1976.9	1858.3	1760.1	1658.4	1544.9	1419.6	1302.7	1207.8
-35°	1885.4	1785.5	1748.2	1680.4	1595.7	1509.3	1434.8	1353.5	1258.6	1155.3	1077.4
-37.5°	1578.8	1519.5	1467.0	1429.7	1373.8	1304.4	1245.1	1185.8	1113.0	1035.0	957.1
-40°	1339.9	1299.3	1241.7	1223.1	1187.5	1140.1	1079.1	1033.3	984.2	924.9	858.9
-42.5°	1148.5	1118.0	1080.8	1048.6	1033.3	999.5	952.0	908.0	869.0	828.4	777.5
-45°	991.0	970.7	946.9	918.1	906.3	879.2	845.3	796.2	774.2	740.3	703.0
-47.5°	863.9	853.8	836.8	818.2	801.3	780.9	750.4	719.9	689.5	667.4	638.6
-50°	764.0	757.2	747.1	731.8	709.8	696.2	675.9	648.8	620.0	601.4	581.0
-52.5°	684.4	677.6	670.8	659.0	642.0	628.5	611.5	589.5	565.8	547.2	530.2
-55°	623.4	613.2	608.1	598.0	584.4	569.2	553.9	538.7	518.4	501.4	484.5
-57.5°	576.0	562.4	555.6	547.2	533.6	518.4	506.5	491.3	477.7	459.1	443.8
-60°	538.7	523.4	509.9	501.4	489.6	474.3	462.5	450.6	437.0	421.8	403.2
-62.5°	508.2	489.6	470.9	460.8	448.9	435.4	423.5	411.6	398.1	382.8	365.9
-65°	479.4	457.4	433.7	423.5	411.6	398.1	382.8	374.4	362.5	349.0	332.0
-67.5°	443.8	420.1	399.8	387.9	376.1	364.2	350.7	342.2	330.3	313.4	296.4
-70°	391.3	376.1	362.5	352.4	342.2	332.0	318.5	304.9	291.4	276.1	260.9
-72.5°	325.2	320.2	318.5	313.4	301.5	289.7	276.1	262.6	250.7	238.9	227.0
-75°	262.6	266.0	269.3	267.7	255.8	243.9	232.1	220.2	211.7	201.6	191.4
-77.5°	208.4	211.7	215.1	215.1	206.7	199.9	191.4	183.0	176.2	167.7	157.5
-80°	160.9	166.0	171.1	174.5	167.7	162.6	155.8	149.1	142.3	135.5	128.7
-82.5°	122.0	127.0	132.1	135.5	130.4	127.0	122.0	116.9	111.8	105.0	99.9
-85°	88.1	91.5	94.9	96.6	93.2	89.8	86.4	83.0	79.6	74.5	71.1
-87.5°	50.8	52.5	54.2	55.9	52.5	49.1	47.4	44.0	42.3	39.0	37.3
-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):

	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°	42.3	39.0	35.6	33.9	30.5	25.4	22.0	18.6	15.2	11.9	10.2
85°	89.8	81.3	71.1	66.1	59.3	52.5	45.7	39.0	32.2	25.4	18.6
82.5°	154.2	144.0	133.8	122.0	106.7	88.1	69.5	57.6	47.4	37.3	28.8
80°	232.1	213.4	196.5	181.3	164.3	140.6	115.2	91.5	64.4	49.1	37.3
77.5°	321.9	299.8	276.1	250.7	223.6	191.4	162.6	132.1	99.9	67.8	47.4
75°	423.5	394.7	362.5	326.9	291.4	249.0	208.4	172.8	135.5	94.9	57.6
72.5°	537.0	501.4	462.5	415.0	359.1	310.0	260.9	213.4	169.4	120.3	77.9
70°	682.7	626.8	569.2	518.4	447.2	369.3	311.7	257.5	201.6	147.4	98.3
67.5°	838.5	770.8	701.3	626.8	537.0	445.5	362.5	301.5	235.5	172.8	116.9
65°	1007.9	923.2	835.1	752.1	628.5	520.1	426.9	343.9	267.7	196.5	135.5
62.5°	1182.4	1082.5	980.8	872.4	730.1	596.3	487.9	391.3	298.1	218.5	152.5
60°	1368.7	1251.9	1128.2	992.7	826.7	679.3	545.5	440.4	330.3	240.5	171.1
57.5°	1565.2	1438.2	1292.5	1109.6	926.6	758.9	611.5	484.5	359.1	260.9	184.6
55°	1778.7	1633.0	1473.8	1231.5	1024.9	838.5	677.6	528.5	389.6	277.8	198.2
52.5°	2009.1	1839.7	1638.1	1360.3	1128.2	919.8	738.6	567.5	418.4	296.4	210.1
50°	2266.6	2053.1	1782.1	1478.9	1218.0	996.1	799.6	609.8	442.1	316.8	220.2
47.5°	2534.2	2303.8	1910.8	1589.0	1309.5	1070.6	862.2	647.1	465.8	333.7	230.4
45°	2813.7	2478.3	2044.6	1687.2	1389.1	1138.4	909.7	681.0	494.6	349.0	238.9
42.5°	3089.8	2610.4	2161.5	1785.5	1463.6	1199.3	948.6	713.2	518.4	364.2	247.3
40°	3220.3	2710.4	2254.7	1853.2	1526.3	1253.6	982.5	742.0	538.7	374.4	255.8
37.5°	3274.5	2771.4	2315.7	1917.6	1575.4	1282.4	1011.3	767.4	555.6	384.5	262.6
35°	3286.3	2793.4	2346.2	1961.6	1616.1	1309.5	1033.3	786.0	569.2	394.7	269.3
32.5°	3264.3	2786.6	2354.6	1976.9	1641.5	1329.8	1048.6	799.6	579.3	404.9	276.1
30°	3215.2	2751.0	2324.2	1975.2	1660.1	1341.6	1058.7	809.7	589.5	411.6	279.5
27.5°	3135.6	2688.4	2285.2	1976.9	1670.3	1346.7	1063.8	814.8	596.3	416.7	286.3
25°	3037.3	2603.7	2286.9	1973.5	1672.0	1348.4	1063.8	814.8	598.0	418.4	291.4
22.5°	2923.8	2603.7	2286.9	1968.4	1661.8	1345.0	1058.7	811.4	598.0	421.8	296.4
20°	2930.6	2605.4	2281.8	1958.3	1646.6	1334.9	1046.9	803.0	592.9	426.9	299.8
17.5°	2935.7	2602.0	2271.6	1944.7	1626.2	1317.9	1031.6	791.1	592.9	432.0	301.5
15°	2935.7	2591.8	2256.4	1924.4	1600.8	1294.2	1009.6	780.9	594.6	433.7	304.9
12.5°	2930.6	2573.2	2232.7	1897.3	1570.3	1265.4	996.1	777.5	594.6	435.4	304.9
10°	2920.4	2547.8	2202.2	1863.4	1541.5	1255.2	989.3	770.8	591.2	435.4	304.9
7.5°	2901.8	2517.3	2176.8	1843.1	1524.6	1243.4	979.1	760.6	586.1	432.0	308.3
5°	2873.0	2500.3	2156.5	1819.3	1500.9	1234.9	972.4	752.1	582.7	432.0	304.9
2.5°	2835.7	2480.0	2132.7	1788.9	1473.8	1206.1	950.3	733.5	570.9	425.2	301.5
0°	2774.8	2439.3	2092.1	1746.5	1436.5	1177.3	928.3	714.9	559.0	418.4	298.1
-2.5°	2718.9	2385.1	2039.6	1702.5	1400.9	1151.9	911.4	704.7	553.9	416.7	296.4
-5°	2640.9	2310.6	1970.1	1644.9	1353.5	1126.5	894.4	692.8	548.9	413.3	296.4
-7.5°	2554.5	2232.7	1897.3	1585.6	1306.1	1082.5	862.2	674.2	537.0	406.6	294.8
-10°	2420.7	2115.8	1805.8	1517.8	1255.2	1043.5	835.1	657.3	526.8	399.8	288.0
-12.5°	2278.4	1987.1	1700.8	1434.8	1197.7	1002.8	804.6	638.6	515.0	393.0	284.6
-15°	2127.7	1854.9	1590.7	1348.4	1135.0	953.7	772.5	618.3	503.1	384.5	279.5
-17.5°	1970.1	1716.0	1477.2	1260.3	1072.3	902.9	738.6	599.7	489.6	376.1	274.4
-20°	1804.1	1573.7	1362.0	1170.5	1006.2	852.1	703.0	577.7	474.3	365.9	267.7



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1639.8	1433.1	1243.4	1082.5	938.5	799.6	667.4	555.6	457.4	354.0	262.6
-25°	1494.1	1301.0	1138.4	997.8	872.4	748.7	630.2	533.6	438.7	342.2	255.8
-27.5°	1351.8	1187.5	1035.0	918.1	808.0	699.6	594.6	509.9	420.1	328.6	249.0
-30°	1219.7	1079.1	953.7	840.2	747.1	655.6	564.1	486.2	399.8	315.1	240.5
-32.5°	1099.4	985.9	880.9	772.5	689.5	611.5	535.3	462.5	379.5	301.5	232.1
-35°	987.6	899.5	808.0	716.6	631.9	570.9	504.8	437.0	360.8	286.3	223.6
-37.5°	887.7	816.5	743.7	665.7	592.9	531.9	476.0	411.6	342.2	272.7	215.1
-40°	801.3	743.7	679.3	616.6	555.6	498.0	447.2	386.2	323.6	262.6	206.7
-42.5°	721.6	677.6	625.1	572.6	518.4	467.5	418.4	359.1	304.9	250.7	198.2
-45°	660.7	616.6	574.3	526.8	481.1	437.0	387.9	335.4	288.0	237.2	189.7
-47.5°	603.1	564.1	525.1	486.2	448.9	408.3	359.1	315.1	269.3	225.3	183.0
-50°	552.2	515.0	481.1	447.2	415.0	376.1	330.3	294.8	254.1	213.4	174.5
-52.5°	504.8	472.6	438.7	411.6	384.5	345.6	308.3	274.4	238.9	199.9	166.0
-55°	462.5	432.0	401.5	376.1	350.7	316.8	286.3	257.5	223.6	189.7	157.5
-57.5°	421.8	396.4	367.6	343.9	318.5	291.4	266.0	238.9	208.4	179.6	149.1
-60°	384.5	360.8	335.4	311.7	289.7	267.7	243.9	221.9	194.8	167.7	140.6
-62.5°	347.3	326.9	304.9	281.2	264.3	243.9	225.3	203.3	181.3	157.5	125.4
-65°	313.4	294.8	274.4	254.1	238.9	223.6	206.7	186.3	167.7	145.7	111.8
-67.5°	279.5	262.6	245.6	228.7	215.1	203.3	186.3	171.1	155.8	132.1	98.3
-70°	247.3	233.8	218.5	205.0	194.8	181.3	169.4	155.8	142.3	115.2	83.0
-72.5°	216.8	203.3	191.4	181.3	172.8	160.9	150.8	140.6	122.0	96.6	69.5
-75°	181.3	172.8	166.0	157.5	149.1	140.6	132.1	120.3	101.6	77.9	54.2
-77.5°	149.1	144.0	138.9	132.1	125.4	118.6	108.4	96.6	81.3	61.0	44.0
-80°	122.0	116.9	113.5	106.7	101.6	94.9	84.7	74.5	59.3	47.4	35.6
-82.5°	93.2	89.8	86.4	83.0	77.9	71.1	61.0	52.5	44.0	35.6	27.1
-85°	66.1	64.4	61.0	57.6	52.5	47.4	40.7	35.6	30.5	23.7	18.6
-87.5°	33.9	32.2	30.5	28.8	27.1	23.7	20.3	16.9	15.2	11.9	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.8	5.1	1.7	0.0
85°	13.6	8.5	3.4	0.0
82.5°	20.3	13.6	5.1	0.0
80°	27.1	16.9	8.5	0.0
77.5°	33.9	20.3	10.2	0.0
75°	40.7	25.4	11.9	0.0
72.5°	45.7	28.8	13.6	0.0
70°	54.2	33.9	15.2	0.0
67.5°	67.8	37.3	16.9	0.0
65°	79.6	40.7	18.6	0.0
62.5°	93.2	44.0	20.3	0.0
60°	105.0	47.4	22.0	0.0
57.5°	116.9	55.9	23.7	0.0
55°	127.0	62.7	25.4	0.0
52.5°	138.9	69.5	27.1	0.0
50°	149.1	76.2	28.8	0.0
47.5°	157.5	83.0	28.8	0.0
45°	164.3	88.1	30.5	0.0
42.5°	169.4	93.2	32.2	0.0
40°	174.5	98.3	33.9	0.0
37.5°	179.6	103.3	33.9	0.0
35°	184.6	108.4	35.6	0.0
32.5°	189.7	113.5	35.6	0.0
30°	193.1	116.9	37.3	0.0
27.5°	198.2	120.3	37.3	0.0
25°	199.9	123.7	39.0	0.0
22.5°	203.3	125.4	39.0	0.0
20°	206.7	128.7	39.0	0.0
17.5°	208.4	130.4	40.7	0.0
15°	208.4	132.1	42.3	0.0
12.5°	210.1	133.8	42.3	0.0
10°	210.1	137.2	40.7	0.0
7.5°	213.4	135.5	40.7	0.0
5°	211.7	135.5	40.7	0.0
2.5°	210.1	133.8	40.7	0.0
0°	208.4	133.8	40.7	0.0
-2.5°	208.4	133.8	40.7	0.0
-5°	208.4	133.8	40.7	0.0
-7.5°	206.7	135.5	40.7	0.0
-10°	203.3	135.5	40.7	0.0
-12.5°	201.6	130.4	40.7	0.0
-15°	199.9	128.7	40.7	0.0
-17.5°	196.5	127.0	39.0	0.0
-20°	193.1	125.4	39.0	0.0



REPORT NUMBER: P722078

CATALOG NUMBER: IFLD-S-SA2D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	189.7	122.0	39.0	0.0
-25°	186.3	118.6	37.3	0.0
-27.5°	183.0	115.2	37.3	0.0
-30°	177.9	111.8	35.6	0.0
-32.5°	172.8	108.4	35.6	0.0
-35°	169.4	103.3	33.9	0.0
-37.5°	164.3	98.3	33.9	0.0
-40°	159.2	93.2	32.2	0.0
-42.5°	154.2	88.1	30.5	0.0
-45°	147.4	83.0	30.5	0.0
-47.5°	142.3	77.9	28.8	0.0
-50°	133.8	71.1	27.1	0.0
-52.5°	123.7	64.4	25.4	0.0
-55°	113.5	59.3	23.7	0.0
-57.5°	103.3	52.5	23.7	0.0
-60°	93.2	45.7	22.0	0.0
-62.5°	83.0	42.3	20.3	0.0
-65°	72.8	39.0	18.6	0.0
-67.5°	61.0	33.9	16.9	0.0
-70°	50.8	30.5	15.2	0.0
-72.5°	44.0	27.1	13.6	0.0
-75°	37.3	23.7	11.9	0.0
-77.5°	32.2	20.3	10.2	0.0
-80°	25.4	15.2	6.8	0.0
-82.5°	18.6	11.9	5.1	0.0
-85°	11.9	8.5	3.4	0.0
-87.5°	6.8	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)