

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: P722154

Luminaire Tested: **IFLD-L-SA7B-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722154
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

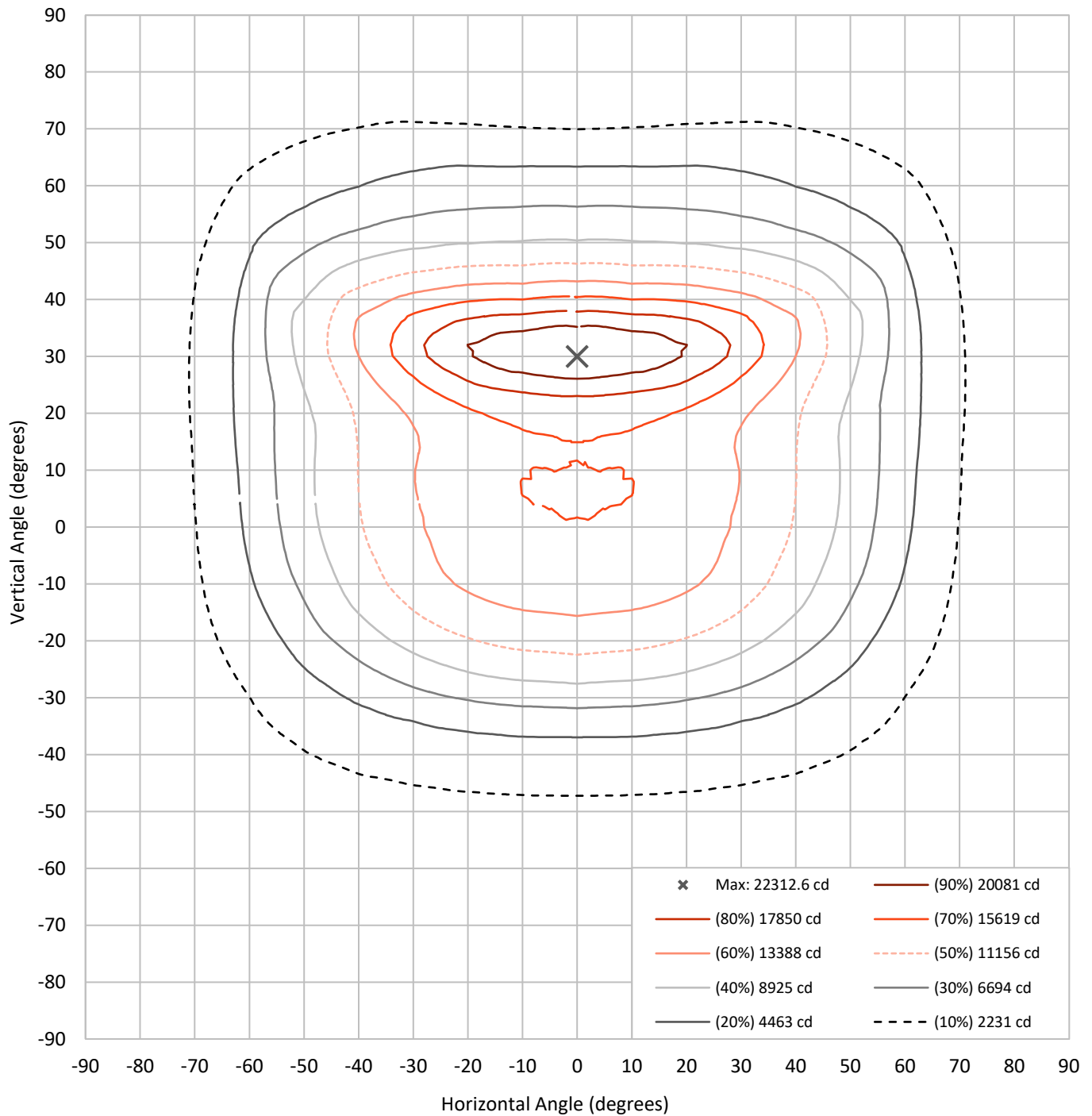
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 37245.4 lumens	Max Intensity: 22312.6 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 132.5 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 21658.6 lumens	Field Lumens: 34903.7 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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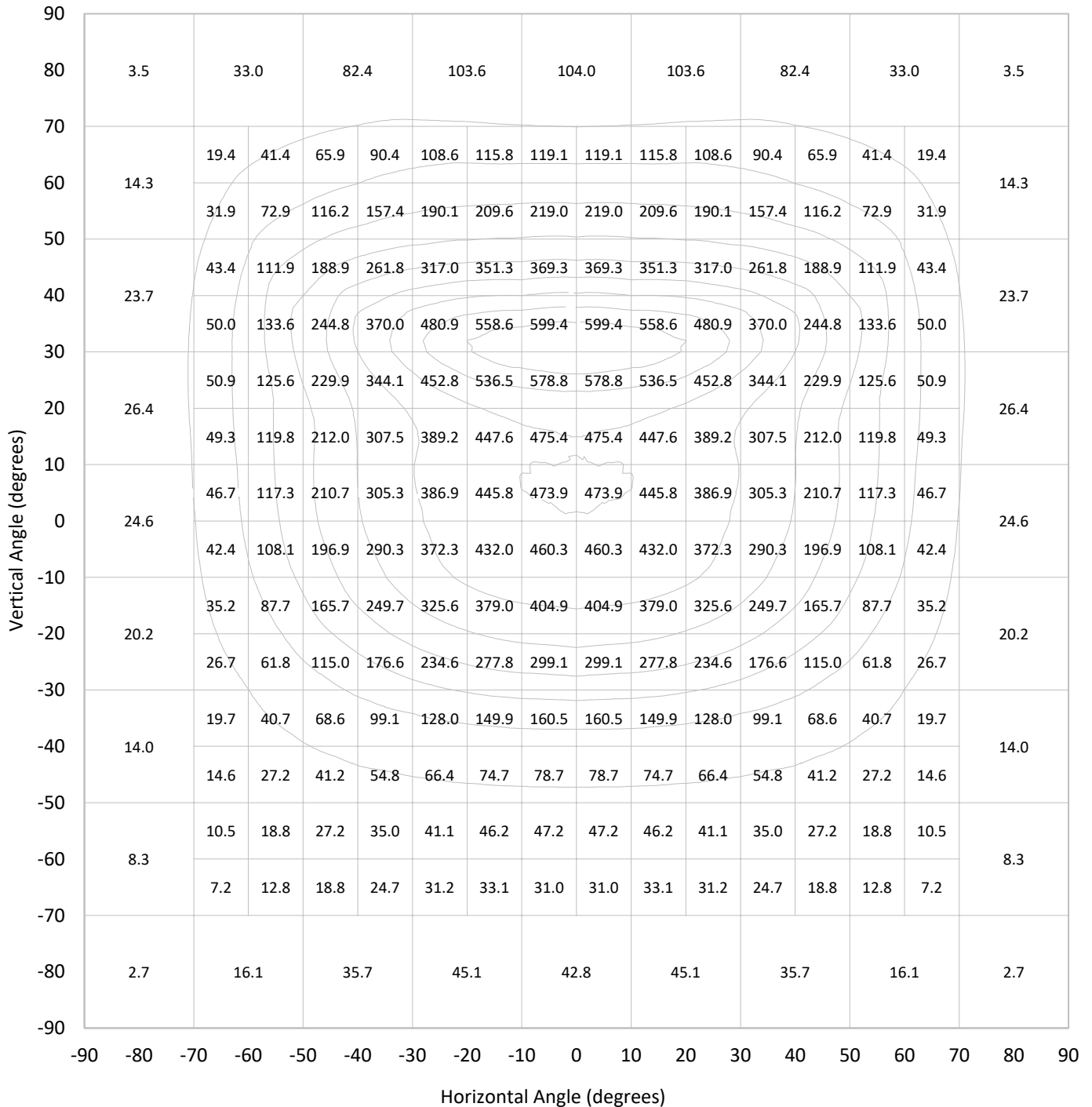
Iso-Candela Plot





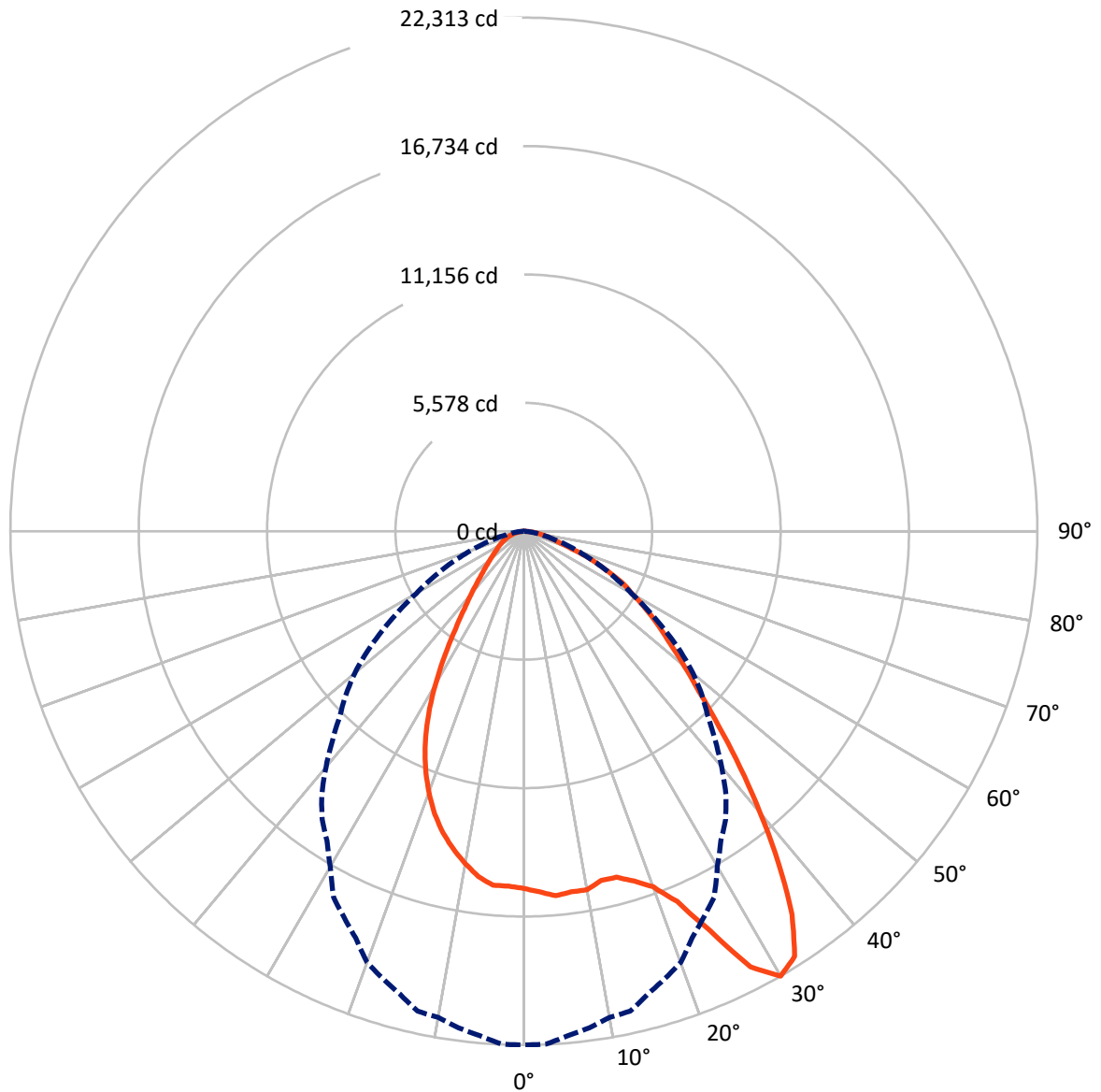
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Lumen Table



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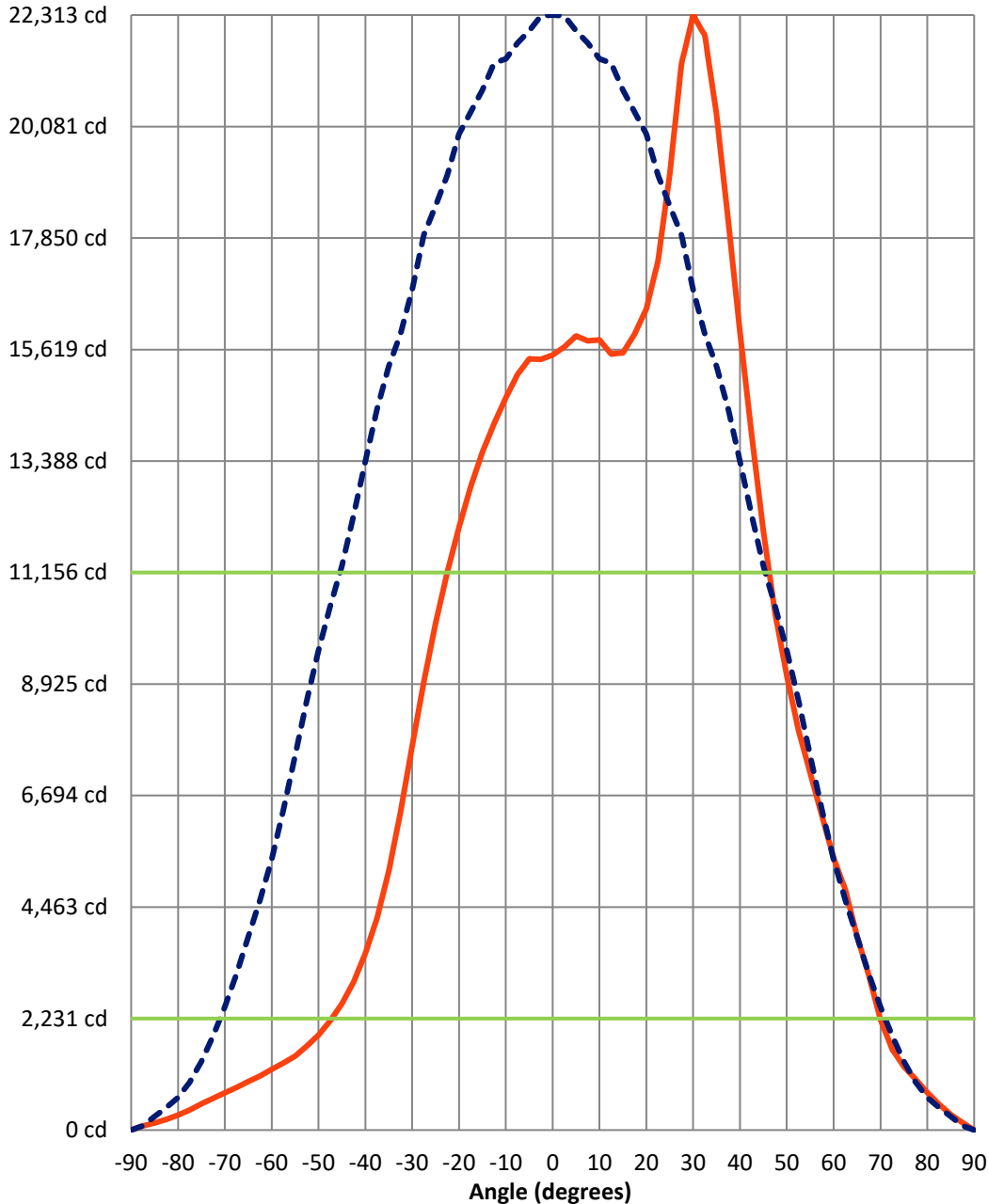
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 21658.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34903.7
 Efficiency: 93.7%

Spill:
 Lumens: 2341.6
 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°	149.9	153.9	157.8	157.8	153.9	153.9	153.9	149.9	153.9	153.9	153.9
85°	311.7	319.6	327.5	323.5	319.6	311.7	303.8	307.8	311.7	315.7	315.7
82.5°	516.9	528.7	536.6	532.7	524.8	516.9	509.0	512.9	520.8	524.8	524.8
80°	749.7	753.6	757.6	765.5	753.6	753.6	749.7	765.5	773.3	781.2	789.1
77.5°	1018.0	1021.9	1021.9	1025.9	1029.8	1033.8	1033.8	1061.4	1081.1	1092.9	1104.8
75°	1270.5	1282.3	1294.2	1306.0	1321.8	1329.7	1341.5	1381.0	1412.5	1436.2	1459.9
72.5°	1617.7	1633.5	1653.2	1680.8	1708.5	1728.2	1755.8	1803.2	1838.7	1862.3	1890.0
70°	2213.5	2229.3	2249.0	2268.7	2296.4	2316.1	2343.7	2402.9	2438.4	2454.2	2470.0
67.5°	3097.3	3136.8	3172.3	3132.8	3113.1	3085.5	3093.4	3148.6	3184.1	3207.8	3203.9
65°	3882.5	3910.1	3910.1	3906.2	3890.4	3854.9	3874.6	3941.7	3981.2	4000.9	3941.7
62.5°	4805.8	4805.8	4786.1	4817.6	4821.6	4797.9	4786.1	4790.0	4794.0	4805.8	4707.2
60°	5445.0	5484.5	5496.3	5523.9	5531.8	5531.8	5551.5	5567.3	5567.3	5543.6	5429.2
57.5°	6289.4	6364.3	6380.1	6360.4	6320.9	6269.6	6261.7	6238.1	6190.7	6143.4	6088.1
55°	7141.6	7181.1	7177.1	7165.3	7125.8	7066.7	7074.5	7043.0	6968.0	6908.8	6833.9
52.5°	7997.8	8092.5	8108.3	8084.6	8029.4	7966.3	7970.2	7934.7	7859.7	7796.6	7694.0
50°	9090.8	9169.7	9161.8	9122.3	9043.4	8996.1	9000.0	8932.9	8846.1	8826.4	8692.3
47.5°	10341.5	10432.3	10416.5	10361.3	10254.7	10235.0	10254.7	10167.9	10116.6	10073.2	9915.4
45°	11982.9	12089.5	12030.3	11923.7	11754.1	11773.8	11801.4	11785.6	11675.2	11560.7	11359.5
42.5°	13908.4	13975.5	13904.5	13797.9	13584.9	13624.3	13608.5	13513.8	13446.8	13257.4	13000.9
40°	15968.0	16114.0	16003.5	15837.8	15616.9	15676.1	15632.7	15510.3	15352.5	15115.8	14792.2
37.5°	18189.4	18303.9	18177.6	17984.3	17787.0	17767.3	17680.4	17491.1	17266.2	17005.7	16488.9
35°	20316.1	20612.1	20379.3	20071.5	19830.8	19740.1	19657.2	19219.2	18962.8	18540.6	17834.3
32.5°	21898.3	22115.4	21827.3	21507.7	21215.7	21089.5	20797.5	20276.7	20138.6	19250.8	18603.7
30°	22312.6	22296.9	21997.0	21752.4	21436.7	21349.9	20813.3	20371.4	19929.5	19108.8	18493.3
27.5°	21326.2	21227.6	20939.6	20726.5	20414.8	20312.2	19783.5	19546.7	18864.1	18169.7	17648.9
25°	19128.5	19179.8	18962.8	18856.3	18651.1	18430.1	18221.0	17901.4	17475.3	16867.6	16390.2
22.5°	17396.4	17463.4	17372.7	17246.4	17088.6	16966.3	16808.5	16559.9	16149.5	15774.7	15324.9
20°	16433.6	16413.9	16335.0	16240.3	16090.4	16003.5	15829.9	15620.8	15305.2	14981.6	14496.3
17.5°	15928.6	15806.3	15731.3	15695.8	15616.9	15506.4	15301.2	15088.2	14843.5	14476.6	14121.5
15°	15553.7	15573.5	15514.3	15486.7	15423.5	15269.7	15060.5	14886.9	14555.5	14370.0	14046.5
12.5°	15530.1	15510.3	15514.3	15502.4	15423.5	15226.3	15119.7	14898.8	14685.7	14441.1	14070.2
10°	15810.2	15601.1	15616.9	15672.1	15545.9	15388.0	15273.6	15032.9	14831.7	14520.0	14153.0
7.5°	15794.4	15687.9	15719.5	15628.7	15668.2	15474.8	15317.0	15076.3	14823.8	14492.4	14160.9
5°	15889.1	15727.4	15699.7	15707.6	15609.0	15463.0	15249.9	15021.1	14784.3	14413.5	14074.1
2.5°	15672.1	15695.8	15569.5	15522.2	15510.3	15265.7	15068.4	14847.5	14602.8	14275.4	13971.5
0°	15510.3	15553.7	15423.5	15356.5	15352.5	15143.4	15017.1	14764.6	14591.0	14318.8	13951.8
-2.5°	15423.5	15474.8	15490.6	15368.3	15249.9	15088.2	14875.1	14602.8	14318.8	14003.1	13687.5
-5°	15431.4	15328.8	15285.4	15324.9	15222.3	15060.5	14823.8	14583.1	14303.0	13963.6	13569.1
-7.5°	15119.7	15017.1	15009.2	14989.5	14965.8	14812.0	14614.7	14354.3	14070.2	13754.5	13387.6
-10°	14654.1	14579.2	14559.4	14539.7	14476.6	14385.8	14200.4	13963.6	13707.2	13391.5	13000.9
-12.5°	14137.3	14101.7	14026.8	13975.5	13912.4	13805.8	13628.3	13411.3	13154.8	12874.6	12539.3
-15°	13565.1	13498.1	13423.1	13379.7	13288.9	13162.7	12985.1	12783.9	12503.8	12227.6	11911.9
-17.5°	12874.6	12791.8	12708.9	12697.1	12634.0	12440.6	12274.9	12030.3	11785.6	11521.3	11213.5
-20°	12061.8	11947.4	11892.2	11860.6	11773.8	11631.8	11454.2	11229.3	10992.6	10740.1	10384.9



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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°	11162.2	11063.6	10968.9	10909.7	10834.7	10724.3	10554.6	10357.3	10124.5	9840.4	9513.0
-25°	10140.3	10002.2	9943.0	9876.0	9836.5	9733.9	9568.2	9386.7	9146.0	8869.8	8558.1
-27.5°	8972.4	8861.9	8830.4	8735.7	8688.3	8581.8	8443.7	8274.0	8053.1	7792.7	7536.2
-30°	7682.2	7615.1	7563.8	7469.1	7433.6	7319.2	7228.4	7086.4	6885.2	6699.7	6494.5
-32.5°	6356.4	6289.4	6273.6	6230.2	6206.5	6131.5	6028.9	5926.4	5764.6	5626.5	5460.8
-35°	5180.6	5133.3	5137.2	5133.3	5109.6	5054.4	4928.1	4900.5	4782.1	4655.9	4549.3
-37.5°	4241.6	4245.5	4241.6	4237.6	4206.1	4182.4	4091.6	4056.1	3985.1	3862.8	3799.7
-40°	3535.3	3543.2	3539.2	3531.4	3495.8	3484.0	3424.8	3377.5	3349.9	3263.1	3196.0
-42.5°	2963.2	2975.0	2971.1	2967.1	2943.5	2939.5	2907.9	2852.7	2836.9	2785.6	2714.6
-45°	2529.2	2525.2	2517.3	2525.2	2513.4	2501.5	2481.8	2446.3	2426.6	2402.9	2343.7
-47.5°	2185.9	2189.8	2181.9	2181.9	2166.2	2154.3	2146.4	2122.8	2107.0	2087.2	2051.7
-50°	1901.8	1917.6	1913.6	1909.7	1897.9	1890.0	1890.0	1866.3	1842.6	1834.7	1811.1
-52.5°	1680.8	1692.7	1696.6	1704.5	1708.5	1712.4	1700.6	1676.9	1637.4	1633.5	1621.7
-55°	1479.6	1515.1	1538.8	1554.6	1570.4	1582.2	1558.5	1527.0	1487.5	1471.7	1467.8
-57.5°	1341.5	1377.0	1404.7	1428.3	1448.1	1467.8	1444.1	1412.5	1377.0	1357.3	1353.4
-60°	1215.3	1246.8	1274.4	1306.0	1333.6	1365.2	1353.4	1329.7	1310.0	1294.2	1278.4
-62.5°	1081.1	1112.7	1144.2	1183.7	1219.2	1250.8	1254.7	1250.8	1246.8	1250.8	1223.2
-65°	970.6	986.4	1006.1	1049.5	1089.0	1124.5	1144.2	1156.1	1175.8	1195.5	1167.9
-67.5°	852.3	872.0	895.7	927.2	958.8	982.5	1010.1	1041.7	1073.2	1104.8	1085.1
-70°	745.7	761.5	781.2	797.0	816.7	832.5	856.2	891.7	927.2	958.8	950.9
-72.5°	635.2	651.0	662.9	670.8	682.6	690.5	702.3	733.9	757.6	773.3	773.3
-75°	524.8	540.6	552.4	556.3	564.2	568.2	576.1	587.9	599.7	603.7	607.6
-77.5°	402.5	418.2	430.1	438.0	445.9	453.7	457.7	465.6	469.5	469.5	473.5
-80°	299.9	311.7	319.6	331.4	335.4	343.3	351.2	355.1	359.1	359.1	363.0
-82.5°	213.1	221.0	228.8	236.7	244.6	248.6	256.5	260.4	264.4	268.3	272.2
-85°	142.0	149.9	157.8	165.7	169.7	173.6	177.6	181.5	185.4	189.4	193.3
-87.5°	82.9	86.8	90.7	98.6	102.6	110.5	114.4	110.5	114.4	114.4	114.4
-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°	153.9	153.9	153.9	153.9	149.9	142.0	138.1	130.2	122.3	114.4	106.5
85°	319.6	323.5	323.5	323.5	315.7	311.7	299.9	288.0	272.2	248.6	228.8
82.5°	532.7	536.6	536.6	532.7	524.8	512.9	497.2	477.4	445.9	414.3	386.7
80°	801.0	804.9	804.9	801.0	781.2	761.5	741.8	718.1	678.7	635.2	587.9
77.5°	1120.6	1128.5	1128.5	1116.6	1089.0	1065.3	1033.8	994.3	935.1	872.0	808.9
75°	1491.5	1511.2	1515.1	1503.3	1467.8	1424.4	1373.1	1306.0	1215.3	1136.3	1061.4
72.5°	1921.5	1941.3	1957.0	1941.3	1890.0	1830.8	1755.8	1676.9	1586.2	1479.6	1353.4
70°	2485.8	2505.5	2517.3	2466.0	2375.3	2276.6	2185.9	2095.1	1988.6	1858.4	1720.3
67.5°	3196.0	3176.2	3152.6	3050.0	2935.6	2817.2	2690.9	2556.8	2418.7	2280.6	2118.8
65°	3878.6	3823.3	3772.0	3649.7	3503.7	3349.9	3203.9	3053.9	2888.2	2714.6	2560.7
62.5°	4596.7	4478.3	4352.0	4202.1	4052.2	3882.5	3736.5	3559.0	3373.5	3160.5	2963.2
60°	5303.0	5160.9	5034.6	4849.2	4651.9	4423.1	4265.2	4091.6	3874.6	3645.8	3413.0
57.5°	5985.5	5831.7	5693.6	5531.8	5318.7	5070.2	4896.5	4671.6	4442.8	4154.8	3918.0
55°	6711.5	6557.7	6447.2	6265.7	6032.9	5804.0	5614.7	5377.9	5058.3	4750.6	4458.6
52.5°	7544.1	7421.8	7303.4	7117.9	6837.8	6605.0	6395.9	6131.5	5796.2	5417.4	5066.2
50°	8475.3	8412.1	8285.9	8068.8	7749.3	7544.1	7267.9	6916.7	6557.7	6159.2	5721.2
47.5°	9710.2	9607.7	9430.1	9193.4	8925.1	8617.3	8246.4	7836.1	7327.1	6885.2	6419.6
45°	11185.9	10996.5	10767.7	10448.1	10116.6	9769.4	9363.0	8842.2	8159.6	7583.5	7094.3
42.5°	12783.9	12527.4	12215.7	11797.5	11367.4	10941.3	10503.3	9793.1	8940.8	8278.0	7725.6
40°	14452.9	14125.4	13734.8	13127.2	12649.7	12101.3	11600.2	10538.8	9631.3	8913.2	8325.3
37.5°	16086.4	15672.1	15017.1	14279.3	13723.0	13273.2	12172.3	11036.0	10223.2	9434.0	8838.3
35°	17337.2	16986.0	15829.9	15064.5	14587.1	13876.8	12499.8	11335.8	10475.7	9820.7	8893.5
32.5°	18079.0	17171.5	16157.4	15384.1	14989.5	13825.5	12523.5	11422.7	10594.1	9860.2	8751.4
30°	17913.2	16816.4	15928.6	15281.5	14425.3	13379.7	12302.5	11288.5	10483.6	9595.8	8593.6
27.5°	16915.0	16066.7	15273.6	14598.9	13758.5	12819.4	11825.1	10933.4	10183.7	9323.6	8376.6
25°	15786.5	15017.1	14429.2	13841.3	13044.3	12148.6	11272.7	10629.6	9876.0	9027.6	8092.5
22.5°	14748.8	14196.4	13734.8	13119.3	12342.0	11560.7	11016.2	10349.4	9576.1	8715.9	7800.5
20°	14086.0	13711.1	13182.4	12503.8	11892.2	11402.9	10799.2	10093.0	9295.9	8396.3	7552.0
17.5°	13766.4	13332.3	12744.4	12302.5	11833.0	11296.4	10621.7	9872.0	9023.7	8250.3	7579.6
15°	13600.6	13143.0	12756.3	12322.3	11793.5	11229.3	10479.6	9702.3	9023.7	8309.5	7599.3
12.5°	13636.2	13241.6	12819.4	12345.9	11777.8	11174.1	10495.4	9773.4	9071.0	8352.9	7603.3
10°	13746.6	13332.3	12882.5	12357.8	11785.6	11189.9	10538.8	9816.8	9094.7	8372.7	7595.4
7.5°	13786.1	13336.3	12854.9	12326.2	11765.9	11182.0	10546.7	9828.6	9098.7	8368.7	7571.7
5°	13663.8	13257.4	12791.8	12259.1	11710.7	11142.5	10515.2	9812.8	9067.1	8329.3	7512.5
2.5°	13498.1	13170.6	12724.7	12211.8	11655.4	11087.3	10463.9	9741.8	8996.1	8258.2	7437.5
0°	13470.4	13064.0	12614.2	12156.5	11564.7	10965.0	10345.5	9607.7	8865.9	8124.1	7307.3
-2.5°	13288.9	12858.9	12409.1	11911.9	11391.1	10787.4	10136.4	9414.3	8680.4	7950.5	7165.3
-5°	13150.8	12673.4	12196.0	11659.4	11134.6	10530.9	9856.2	9153.9	8435.8	7725.6	6968.0
-7.5°	12965.4	12476.1	11975.0	11414.8	10846.6	10231.1	9564.3	8861.9	8155.7	7449.4	6723.4
-10°	12590.6	12160.5	11691.0	11110.9	10511.2	9895.7	9232.8	8542.3	7836.1	7121.9	6391.9
-12.5°	12136.8	11683.1	11170.1	10637.5	10100.9	9528.7	8865.9	8187.2	7477.0	6758.9	6032.9
-15°	11548.9	11103.1	10578.3	10057.5	9540.6	8992.1	8408.2	7796.6	7074.5	6368.3	5642.3
-17.5°	10815.0	10396.8	9927.2	9430.1	8917.2	8364.8	7796.6	7279.7	6605.0	5942.1	5224.0
-20°	10025.9	9635.3	9213.1	8743.6	8230.6	7690.1	7153.5	6612.9	6028.9	5445.0	4778.2



REPORT NUMBER: P722154
 CATALOG NUMBER: IFLD-L-SA7B-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9205.2	8810.6	8384.5	7946.5	7473.1	6972.0	6474.8	5957.9	5445.0	4916.3	4352.0
-25°	8258.2	7911.0	7520.4	7094.3	6672.1	6234.1	5760.6	5291.1	4853.1	4395.5	3933.8
-27.5°	7267.9	6948.3	6593.2	6222.3	5859.3	5492.3	5082.0	4648.0	4285.0	3906.2	3523.5
-30°	6226.2	5969.8	5681.7	5358.2	5078.0	4782.1	4438.9	4079.8	3748.4	3460.3	3152.6
-32.5°	5239.8	5022.8	4817.6	4604.6	4328.4	4099.5	3862.8	3598.4	3306.5	3034.2	2813.2
-35°	4391.5	4158.7	4071.9	3914.1	3716.8	3515.6	3342.0	3152.6	2931.6	2690.9	2509.4
-37.5°	3677.3	3539.2	3416.9	3330.1	3199.9	3038.1	2900.1	2762.0	2592.3	2410.8	2229.3
-40°	3121.0	3026.3	2892.2	2848.8	2765.9	2655.4	2513.4	2406.8	2292.4	2154.3	2000.4
-42.5°	2675.1	2604.1	2517.3	2442.4	2406.8	2327.9	2217.5	2114.9	2024.1	1929.4	1811.1
-45°	2308.2	2260.9	2205.6	2138.5	2110.9	2047.8	1968.9	1854.5	1803.2	1724.2	1637.4
-47.5°	2012.3	1988.6	1949.1	1905.7	1866.3	1818.9	1747.9	1676.9	1605.9	1554.6	1487.5
-50°	1779.5	1763.7	1740.0	1704.5	1653.2	1621.7	1574.3	1511.2	1444.1	1400.7	1353.4
-52.5°	1594.0	1578.3	1562.5	1534.9	1495.4	1463.8	1424.4	1373.1	1317.8	1274.4	1235.0
-55°	1452.0	1428.3	1416.5	1392.8	1361.2	1325.7	1290.2	1254.7	1207.4	1167.9	1128.5
-57.5°	1341.5	1310.0	1294.2	1274.4	1242.9	1207.4	1179.7	1144.2	1112.7	1069.3	1033.8
-60°	1254.7	1219.2	1187.6	1167.9	1140.3	1104.8	1077.2	1049.5	1018.0	982.5	939.1
-62.5°	1183.7	1140.3	1096.9	1073.2	1045.6	1014.0	986.4	958.8	927.2	891.7	852.3
-65°	1116.6	1065.3	1010.1	986.4	958.8	927.2	891.7	872.0	844.4	812.8	773.3
-67.5°	1033.8	978.5	931.2	903.6	875.9	848.3	816.7	797.0	769.4	729.9	690.5
-70°	911.4	875.9	844.4	820.7	797.0	773.3	741.8	710.2	678.7	643.1	607.6
-72.5°	757.6	745.7	741.8	729.9	702.3	674.7	643.1	611.6	584.0	556.3	528.7
-75°	611.6	619.5	627.4	623.4	595.8	568.2	540.6	512.9	493.2	469.5	445.9
-77.5°	485.3	493.2	501.1	501.1	481.4	465.6	445.9	426.1	410.3	390.6	366.9
-80°	374.8	386.7	398.5	406.4	390.6	378.8	363.0	347.2	331.4	315.7	299.9
-82.5°	284.1	295.9	307.8	315.7	303.8	295.9	284.1	272.2	260.4	244.6	232.8
-85°	205.2	213.1	221.0	224.9	217.0	209.1	201.2	193.3	185.4	173.6	165.7
-87.5°	118.4	122.3	126.3	130.2	122.3	114.4	110.5	102.6	98.6	90.7	86.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-L-SA7B-760-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°	98.6	90.7	82.9	78.9	71.0	59.2	51.3	43.4	35.5	27.6	23.7
85°	209.1	189.4	165.7	153.9	138.1	122.3	106.5	90.7	75.0	59.2	43.4
82.5°	359.1	335.4	311.7	284.1	248.6	205.2	161.8	134.2	110.5	86.8	67.1
80°	540.6	497.2	457.7	422.2	382.7	327.5	268.3	213.1	149.9	114.4	86.8
77.5°	749.7	698.4	643.1	584.0	520.8	445.9	378.8	307.8	232.8	157.8	110.5
75°	986.4	919.3	844.4	761.5	678.7	580.0	485.3	402.5	315.7	221.0	134.2
72.5°	1250.8	1167.9	1077.2	966.7	836.5	722.1	607.6	497.2	394.6	280.1	181.5
70°	1590.1	1459.9	1325.7	1207.4	1041.7	860.2	726.0	599.7	469.5	343.3	228.8
67.5°	1953.1	1795.3	1633.5	1459.9	1250.8	1037.7	844.4	702.3	548.4	402.5	272.2
65°	2347.7	2150.4	1945.2	1751.9	1463.8	1211.3	994.3	801.0	623.4	457.7	315.7
62.5°	2754.1	2521.3	2284.5	2032.0	1700.6	1388.9	1136.3	911.4	694.4	509.0	355.1
60°	3188.1	2915.8	2627.8	2312.1	1925.5	1582.2	1270.5	1025.9	769.4	560.3	398.5
57.5°	3645.8	3349.9	3010.5	2584.4	2158.3	1767.7	1424.4	1128.5	836.5	607.6	430.1
55°	4142.9	3803.6	3432.7	2868.5	2387.1	1953.1	1578.3	1231.0	907.5	647.1	461.6
52.5°	4679.5	4285.0	3815.4	3168.4	2627.8	2142.5	1720.3	1321.8	974.6	690.5	489.3
50°	5279.3	4782.1	4150.8	3444.6	2836.9	2320.0	1862.3	1420.4	1029.8	737.8	512.9
47.5°	5902.7	5366.1	4450.7	3701.0	3050.0	2493.6	2008.3	1507.2	1085.1	777.3	536.6
45°	6553.7	5772.5	4762.4	3929.9	3235.4	2651.5	2118.8	1586.2	1152.1	812.8	556.3
42.5°	7196.9	6080.2	5034.6	4158.7	3409.0	2793.5	2209.6	1661.1	1207.4	848.3	576.1
40°	7500.7	6313.0	5251.7	4316.5	3555.0	2919.8	2288.5	1728.2	1254.7	872.0	595.8
37.5°	7626.9	6455.1	5393.7	4466.5	3669.5	2986.9	2355.6	1787.4	1294.2	895.7	611.6
35°	7654.6	6506.4	5464.7	4569.1	3764.1	3050.0	2406.8	1830.8	1325.7	919.3	627.4
32.5°	7603.3	6490.6	5484.5	4604.6	3823.3	3097.3	2442.4	1862.3	1349.4	943.0	643.1
30°	7488.8	6407.7	5413.4	4600.6	3866.7	3125.0	2466.0	1886.0	1373.1	958.8	651.0
27.5°	7303.4	6261.7	5322.7	4604.6	3890.4	3136.8	2477.9	1897.9	1388.9	970.6	666.8
25°	7074.5	6064.5	5326.6	4596.7	3894.4	3140.7	2477.9	1897.9	1392.8	974.6	678.7
22.5°	6810.2	6064.5	5326.6	4584.8	3870.7	3132.8	2466.0	1890.0	1392.8	982.5	690.5
20°	6826.0	6068.4	5314.8	4561.2	3835.2	3109.2	2438.4	1870.2	1381.0	994.3	698.4
17.5°	6837.8	6060.5	5291.1	4529.6	3787.8	3069.7	2402.9	1842.6	1381.0	1006.1	702.3
15°	6837.8	6036.8	5255.6	4482.3	3728.6	3014.5	2351.6	1818.9	1384.9	1010.1	710.2
12.5°	6826.0	5993.4	5200.4	4419.1	3657.6	2947.4	2320.0	1811.1	1384.9	1014.0	710.2
10°	6802.3	5934.3	5129.3	4340.2	3590.5	2923.7	2304.3	1795.3	1377.0	1014.0	710.2
7.5°	6758.9	5863.2	5070.2	4292.9	3551.1	2896.1	2280.6	1771.6	1365.2	1006.1	718.1
5°	6691.8	5823.8	5022.8	4237.6	3495.8	2876.4	2264.8	1751.9	1357.3	1006.1	710.2
2.5°	6605.0	5776.4	4967.6	4166.6	3432.7	2809.3	2213.5	1708.5	1329.7	990.4	702.3
0°	6463.0	5681.7	4872.9	4068.0	3345.9	2742.2	2162.2	1665.1	1302.1	974.6	694.4
-2.5°	6332.8	5555.5	4750.6	3965.4	3263.1	2683.0	2122.8	1641.4	1290.2	970.6	690.5
-5°	6151.3	5381.9	4588.8	3831.2	3152.6	2623.9	2083.3	1613.8	1278.4	962.7	690.5
-7.5°	5950.0	5200.4	4419.1	3693.1	3042.1	2521.3	2008.3	1570.4	1250.8	947.0	686.5
-10°	5638.3	4928.1	4206.1	3535.3	2923.7	2430.5	1945.2	1530.9	1227.1	931.2	670.8
-12.5°	5306.9	4628.2	3961.4	3342.0	2789.6	2335.8	1874.2	1487.5	1199.5	915.4	662.9
-15°	4955.7	4320.5	3705.0	3140.7	2643.6	2221.4	1799.2	1440.2	1171.9	895.7	651.0
-17.5°	4588.8	3996.9	3440.6	2935.6	2497.6	2103.0	1720.3	1396.8	1140.3	875.9	639.2
-20°	4202.1	3665.5	3172.3	2726.4	2343.7	1984.7	1637.4	1345.5	1104.8	852.3	623.4



REPORT NUMBER: P722154
 CATALOG NUMBER: IFLD-L-SA7B-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3819.4	3338.0	2896.1	2521.3	2185.9	1862.3	1554.6	1294.2	1065.3	824.6	611.6
-25°	3480.1	3030.3	2651.5	2324.0	2032.0	1744.0	1467.8	1242.9	1021.9	797.0	595.8
-27.5°	3148.6	2765.9	2410.8	2138.5	1882.1	1629.6	1384.9	1187.6	978.5	765.5	580.0
-30°	2840.9	2513.4	2221.4	1957.0	1740.0	1527.0	1313.9	1132.4	931.2	733.9	560.3
-32.5°	2560.7	2296.4	2051.7	1799.2	1605.9	1424.4	1246.8	1077.2	883.8	702.3	540.6
-35°	2300.3	2095.1	1882.1	1669.0	1471.7	1329.7	1175.8	1018.0	840.4	666.8	520.8
-37.5°	2067.5	1901.8	1732.1	1550.6	1381.0	1238.9	1108.7	958.8	797.0	635.2	501.1
-40°	1866.3	1732.1	1582.2	1436.2	1294.2	1160.0	1041.7	899.6	753.6	611.6	481.4
-42.5°	1680.8	1578.3	1455.9	1333.6	1207.4	1089.0	974.6	836.5	710.2	584.0	461.6
-45°	1538.8	1436.2	1337.6	1227.1	1120.6	1018.0	903.6	781.2	670.8	552.4	441.9
-47.5°	1404.7	1313.9	1223.2	1132.4	1045.6	950.9	836.5	733.9	627.4	524.8	426.1
-50°	1286.3	1199.5	1120.6	1041.7	966.7	875.9	769.4	686.5	591.8	497.2	406.4
-52.5°	1175.8	1100.8	1021.9	958.8	895.7	804.9	718.1	639.2	556.3	465.6	386.7
-55°	1077.2	1006.1	935.1	875.9	816.7	737.8	666.8	599.7	520.8	441.9	366.9
-57.5°	982.5	923.3	856.2	801.0	741.8	678.7	619.5	556.3	485.3	418.2	347.2
-60°	895.7	840.4	781.2	726.0	674.7	623.4	568.2	516.9	453.7	390.6	327.5
-62.5°	808.9	761.5	710.2	655.0	615.5	568.2	524.8	473.5	422.2	366.9	292.0
-65°	729.9	686.5	639.2	591.8	556.3	520.8	481.4	434.0	390.6	339.3	260.4
-67.5°	651.0	611.6	572.1	532.7	501.1	473.5	434.0	398.5	363.0	307.8	228.8
-70°	576.1	544.5	509.0	477.4	453.7	422.2	394.6	363.0	331.4	268.3	193.3
-72.5°	505.0	473.5	445.9	422.2	402.5	374.8	351.2	327.5	284.1	224.9	161.8
-75°	422.2	402.5	386.7	366.9	347.2	327.5	307.8	280.1	236.7	181.5	126.3
-77.5°	347.2	335.4	323.5	307.8	292.0	276.2	252.5	224.9	189.4	142.0	102.6
-80°	284.1	272.2	264.4	248.6	236.7	221.0	197.3	173.6	138.1	110.5	82.9
-82.5°	217.0	209.1	201.2	193.3	181.5	165.7	142.0	122.3	102.6	82.9	63.1
-85°	153.9	149.9	142.0	134.2	122.3	110.5	94.7	82.9	71.0	55.2	43.4
-87.5°	78.9	75.0	71.0	67.1	63.1	55.2	47.3	39.5	35.5	27.6	19.7
-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: P722154

CATALOG NUMBER: IFLD-L-SA7B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.8	11.8	3.9	0.0
85°	31.6	19.7	7.9	0.0
82.5°	47.3	31.6	11.8	0.0
80°	63.1	39.5	19.7	0.0
77.5°	78.9	47.3	23.7	0.0
75°	94.7	59.2	27.6	0.0
72.5°	106.5	67.1	31.6	0.0
70°	126.3	78.9	35.5	0.0
67.5°	157.8	86.8	39.5	0.0
65°	185.4	94.7	43.4	0.0
62.5°	217.0	102.6	47.3	0.0
60°	244.6	110.5	51.3	0.0
57.5°	272.2	130.2	55.2	0.0
55°	295.9	146.0	59.2	0.0
52.5°	323.5	161.8	63.1	0.0
50°	347.2	177.6	67.1	0.0
47.5°	366.9	193.3	67.1	0.0
45°	382.7	205.2	71.0	0.0
42.5°	394.6	217.0	75.0	0.0
40°	406.4	228.8	78.9	0.0
37.5°	418.2	240.7	78.9	0.0
35°	430.1	252.5	82.9	0.0
32.5°	441.9	264.4	82.9	0.0
30°	449.8	272.2	86.8	0.0
27.5°	461.6	280.1	86.8	0.0
25°	465.6	288.0	90.7	0.0
22.5°	473.5	292.0	90.7	0.0
20°	481.4	299.9	90.7	0.0
17.5°	485.3	303.8	94.7	0.0
15°	485.3	307.8	98.6	0.0
12.5°	489.3	311.7	98.6	0.0
10°	489.3	319.6	94.7	0.0
7.5°	497.2	315.7	94.7	0.0
5°	493.2	315.7	94.7	0.0
2.5°	489.3	311.7	94.7	0.0
0°	485.3	311.7	94.7	0.0
-2.5°	485.3	311.7	94.7	0.0
-5°	485.3	311.7	94.7	0.0
-7.5°	481.4	315.7	94.7	0.0
-10°	473.5	315.7	94.7	0.0
-12.5°	469.5	303.8	94.7	0.0
-15°	465.6	299.9	94.7	0.0
-17.5°	457.7	295.9	90.7	0.0
-20°	449.8	292.0	90.7	0.0



REPORT NUMBER: P722154

CATALOG NUMBER: IFLD-L-SA7B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	441.9	284.1	90.7	0.0
-25°	434.0	276.2	86.8	0.0
-27.5°	426.1	268.3	86.8	0.0
-30°	414.3	260.4	82.9	0.0
-32.5°	402.5	252.5	82.9	0.0
-35°	394.6	240.7	78.9	0.0
-37.5°	382.7	228.8	78.9	0.0
-40°	370.9	217.0	75.0	0.0
-42.5°	359.1	205.2	71.0	0.0
-45°	343.3	193.3	71.0	0.0
-47.5°	331.4	181.5	67.1	0.0
-50°	311.7	165.7	63.1	0.0
-52.5°	288.0	149.9	59.2	0.0
-55°	264.4	138.1	55.2	0.0
-57.5°	240.7	122.3	55.2	0.0
-60°	217.0	106.5	51.3	0.0
-62.5°	193.3	98.6	47.3	0.0
-65°	169.7	90.7	43.4	0.0
-67.5°	142.0	78.9	39.5	0.0
-70°	118.4	71.0	35.5	0.0
-72.5°	102.6	63.1	31.6	0.0
-75°	86.8	55.2	27.6	0.0
-77.5°	75.0	47.3	23.7	0.0
-80°	59.2	35.5	15.8	0.0
-82.5°	43.4	27.6	11.8	0.0
-85°	27.6	19.7	7.9	0.0
-87.5°	15.8	7.9	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)