

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: P722501

Luminaire Tested: **IFLD-L-SA7A-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722501
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	32005.7 lumens	Max Intensity:	22343.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	147.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	20418.2 lumens	Field Lumens:	30174.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

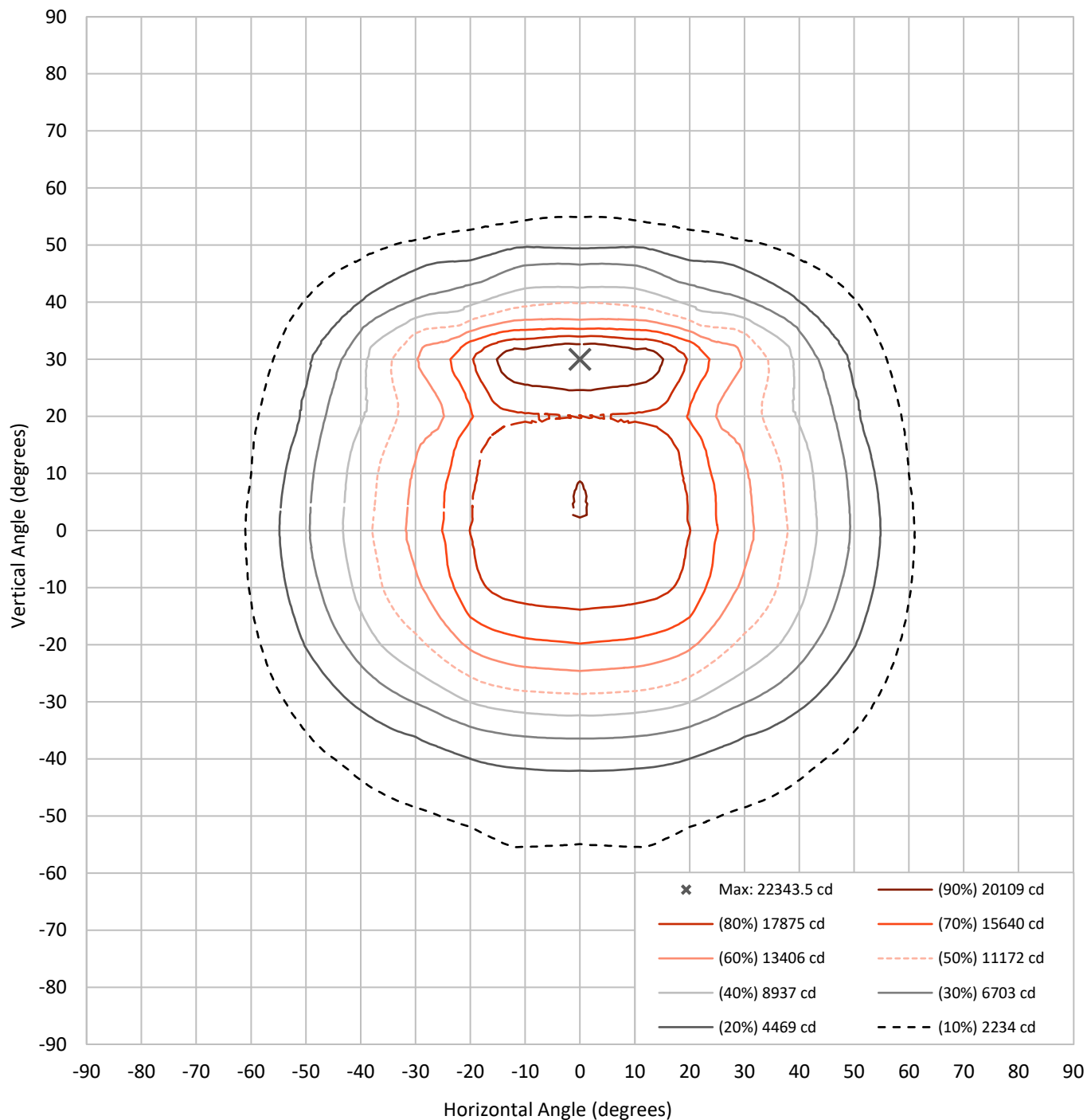
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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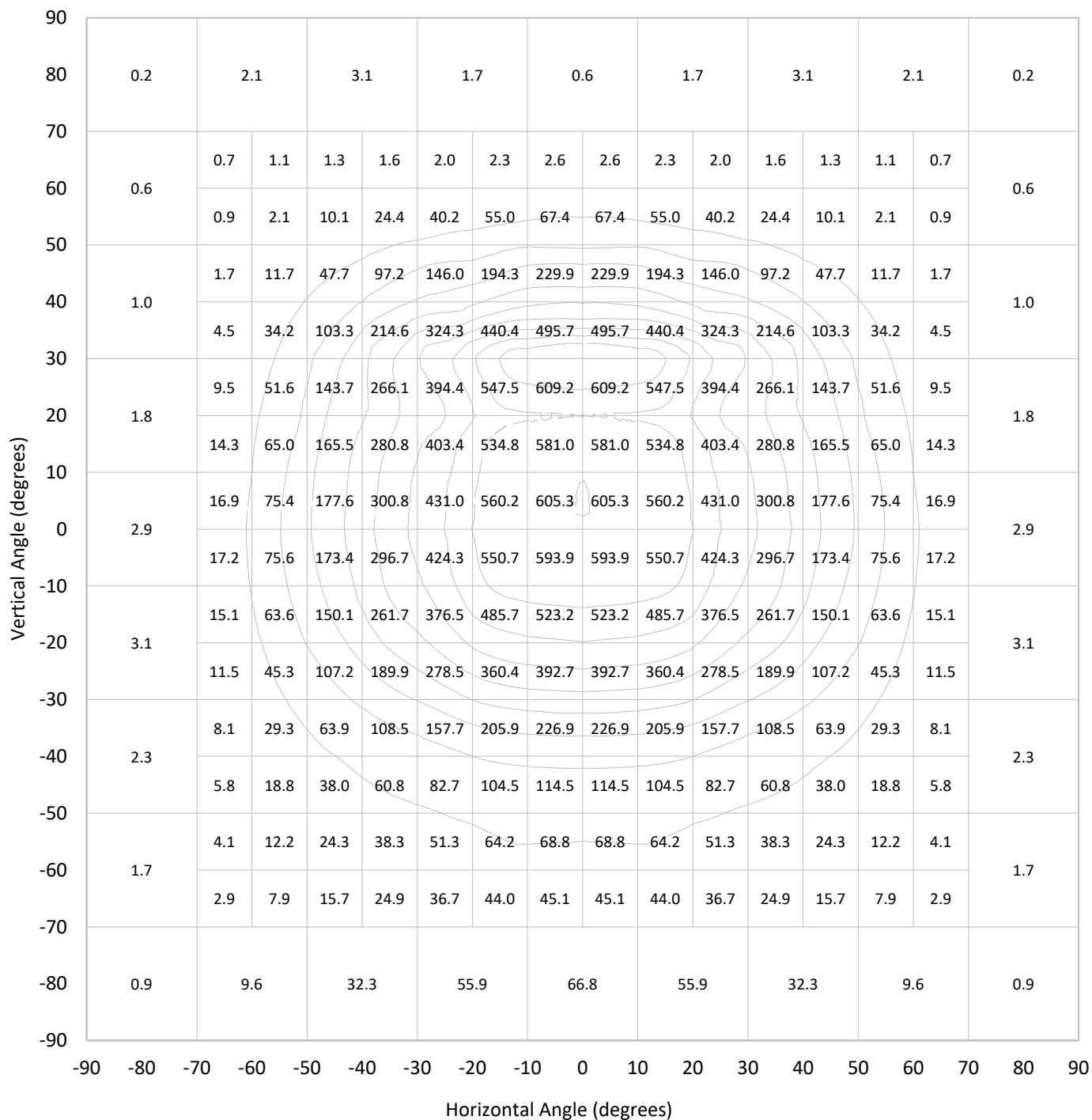
Iso-Candela Plot



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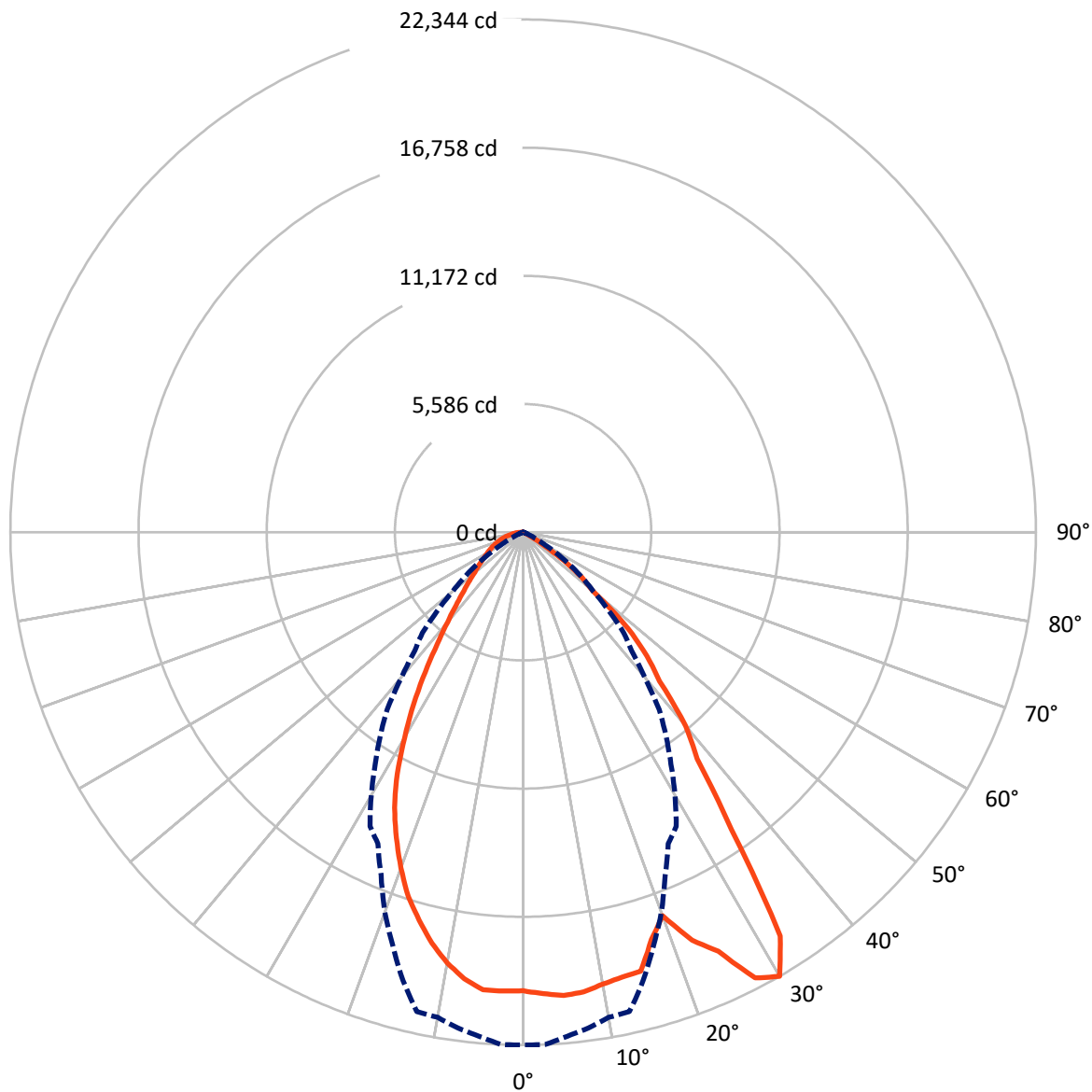
Lumen Table



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Luminous Intensity Polar Plot



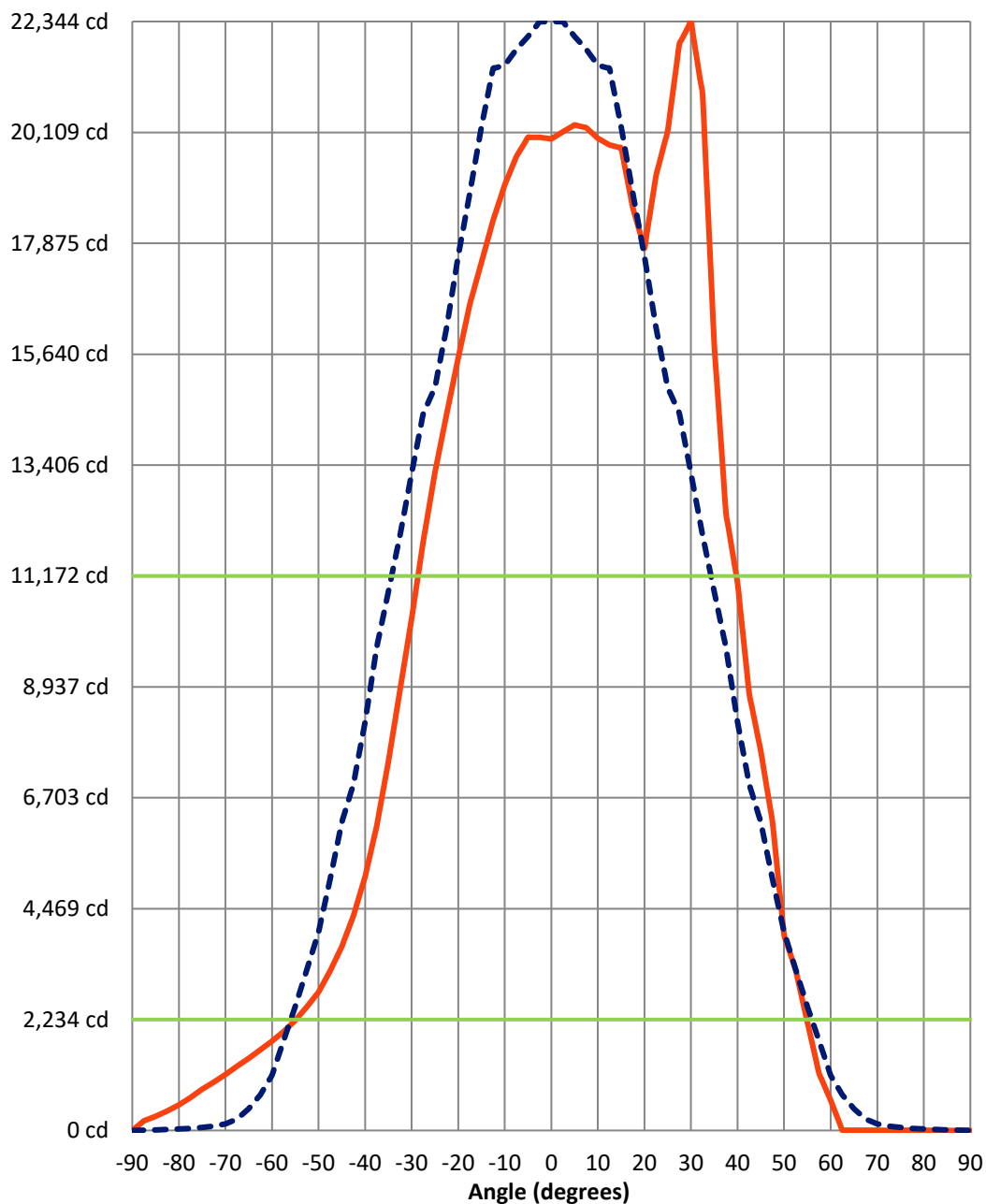
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20418.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 30174.2

Efficiency: 94.3%

Spill:

Lumens: 1831.5

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	10.2	10.2	15.3
82.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.3	15.3	20.4
80°	5.1	5.1	5.1	5.1	10.2	10.2	10.2	15.3	15.3	20.4	20.4
77.5°	5.1	5.1	5.1	10.2	10.2	10.2	15.3	15.3	20.4	20.4	25.5
75°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	25.5
72.5°	0.0	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	20.4
70°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	20.4
67.5°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	20.4	20.4	20.4	25.5
65°	5.1	5.1	5.1	10.2	15.3	15.3	20.4	25.5	25.5	30.6	35.7
62.5°	5.1	10.2	10.2	15.3	20.4	25.5	56.0	86.6	86.6	61.1	51.0
60°	606.4	657.3	652.2	591.1	514.6	433.1	417.8	402.5	372.0	326.1	341.4
57.5°	1151.6	1212.7	1238.2	1222.9	1182.1	1110.8	1070.0	1024.2	963.0	891.7	810.2
55°	2180.9	2206.3	2150.3	2043.3	1926.1	1808.9	1768.1	1707.0	1615.3	1523.5	1401.2
52.5°	3225.4	3312.0	3286.6	3179.6	3021.6	2812.7	2583.4	2405.1	2298.0	2196.1	2073.8
50°	3938.8	3974.4	4045.8	4173.2	4219.0	4076.4	3704.4	3225.4	2884.0	3057.3	2924.8
47.5°	6216.4	6394.8	6359.1	6267.4	6114.5	5727.3	5207.5	4779.5	4422.8	4305.7	4326.0
45°	7638.1	7709.4	7683.9	7643.2	7571.8	7210.1	6634.3	5977.0	5645.8	5513.3	5375.7
42.5°	8804.9	8881.4	8896.7	8901.7	8825.3	8494.1	7974.4	7317.1	6985.9	6603.7	6303.1
40°	11031.6	11143.7	11016.4	10848.2	10593.4	10216.4	9706.8	9100.5	8514.5	8045.7	7689.0
37.5°	12453.3	12590.8	12641.8	12631.6	12575.6	12412.5	11785.8	11210.0	10313.2	9263.5	9452.1
35°	15826.5	15969.1	15928.4	15775.5	15694.0	15520.7	14909.3	14226.5	13100.4	11959.0	11653.3
32.5°	20855.7	21166.5	20585.6	19948.7	19556.3	19693.9	19072.3	17401.0	16881.2	14822.7	13869.8
30°	22343.5	22338.4	22042.9	21783.0	21462.0	21395.8	20223.8	18888.8	17615.0	16172.9	14970.4
27.5°	21890.0	21798.3	21548.6	21360.1	21059.5	20901.5	19755.0	18695.2	17222.6	15933.5	14771.7
25°	20142.3	20213.6	19958.9	19923.2	19806.0	19500.3	18929.6	17737.3	16422.6	14995.9	14160.2
22.5°	19240.4	19214.9	18909.2	18730.9	18873.5	18547.4	18318.1	17115.6	15744.9	14542.4	13538.6
20°	17772.9	17778.0	17701.6	17686.3	17599.7	17451.9	17268.5	16417.5	15449.4	14420.1	13212.5
17.5°	18593.3	18802.2	18893.9	18134.7	18348.7	18180.6	17986.9	16799.7	16071.0	15159.0	13584.5
15°	19795.8	19719.4	19627.7	19586.9	19469.7	19311.7	18960.2	18012.4	16758.9	15816.3	14588.3
12.5°	19857.0	19709.2	19673.5	19668.4	19546.1	19327.0	18985.6	18200.9	17090.1	15943.7	14944.9
10°	19989.4	19836.6	19816.2	19841.7	19653.1	19515.6	19174.2	18445.5	17192.0	16162.8	15220.1
7.5°	20203.4	19948.7	20065.9	19989.4	19902.8	19683.7	19316.8	18603.5	17564.0	16453.2	15464.7
5°	20259.5	19979.2	20106.6	20035.3	19907.9	19693.9	19296.5	18705.4	17793.3	16570.4	15561.5
2.5°	20121.9	20040.4	19984.3	19851.9	19795.8	19561.4	19184.4	18552.5	17686.3	16519.4	15541.1
0°	19979.2	20050.6	19923.2	19790.7	19765.2	19576.7	19255.7	18685.0	17936.0	16662.1	15714.4
-2.5°	20009.8	19953.8	19867.1	19729.6	19597.1	19327.0	19036.6	18501.6	17696.5	16351.3	15469.8
-5°	20009.8	19750.0	19760.1	19765.2	19632.8	19352.5	19000.9	18547.4	17553.8	16346.2	15398.4
-7.5°	19622.6	19398.4	19362.7	19332.1	19296.5	19036.6	18761.4	18195.8	17314.3	16213.7	15199.7
-10°	19051.9	18832.8	18853.2	18807.3	18695.2	18522.0	18313.0	17803.5	17079.9	15795.9	14797.2
-12.5°	18338.5	18241.7	18185.7	18109.2	17997.1	17844.3	17630.2	17151.3	16376.8	15281.2	14333.5
-15°	17492.7	17421.3	17370.4	17324.5	17161.5	17003.5	16723.3	16280.0	15795.9	14618.8	13650.7
-17.5°	16646.8	16468.5	16397.1	16336.0	16229.0	15974.2	15719.5	15388.3	14710.6	13778.1	12947.5
-20°	15561.5	15454.5	15367.9	15286.3	15133.5	14934.8	14725.8	14343.7	13757.7	13003.6	12142.5



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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°	14425.2	14364.1	14292.7	14190.8	14088.9	13900.4	13609.9	13243.1	12784.5	11969.2	11164.1
-25°	13253.3	13136.1	13049.4	12952.6	12871.1	12697.9	12417.6	12066.0	11490.2	10787.1	10114.5
-27.5°	11872.4	11760.3	11714.4	11602.3	11531.0	11373.0	11092.8	10766.7	10246.9	9655.9	8973.1
-30°	10313.2	10333.6	10282.6	10175.6	10089.0	9885.2	9671.2	9396.0	8988.4	8422.8	7811.3
-32.5°	8871.2	8896.7	8835.5	8723.4	8611.3	8463.5	8264.8	8015.1	7709.4	7169.3	6639.4
-35°	7429.2	7419.0	7368.0	7301.8	7225.3	7103.1	6878.9	6690.3	6338.7	5961.7	5594.8
-37.5°	6134.9	6160.4	6145.1	6109.4	6022.8	5920.9	5737.5	5564.2	5304.4	4973.2	4687.8
-40°	5110.7	5141.3	5120.9	5085.3	5008.8	4947.7	4825.4	4672.5	4463.6	4178.3	3938.8
-42.5°	4326.0	4346.4	4320.9	4290.4	4224.1	4178.3	4081.5	3954.1	3780.8	3561.7	3347.7
-45°	3704.4	3709.5	3684.0	3663.6	3612.7	3556.6	3475.1	3373.2	3235.6	3082.7	2909.5
-47.5°	3215.2	3210.1	3184.7	3164.3	3123.5	3072.6	3006.3	2914.6	2807.6	2690.4	2552.8
-50°	2787.2	2812.7	2802.5	2782.1	2751.5	2715.9	2649.6	2552.8	2445.8	2359.2	2262.4
-52.5°	2491.7	2496.8	2491.7	2491.7	2486.6	2461.1	2384.7	2287.9	2170.7	2094.2	2012.7
-55°	2216.5	2242.0	2252.2	2262.4	2267.5	2267.5	2175.8	2073.8	1961.7	1885.3	1824.2
-57.5°	1992.3	2007.6	2017.8	2043.3	2063.7	2078.9	1997.4	1905.7	1819.1	1747.7	1691.7
-60°	1798.7	1819.1	1834.4	1859.8	1875.1	1885.3	1834.4	1773.2	1722.3	1676.4	1594.9
-62.5°	1625.4	1640.7	1656.0	1671.3	1686.6	1696.8	1676.4	1645.8	1620.4	1600.0	1498.1
-65°	1452.2	1467.5	1482.8	1503.2	1518.4	1528.6	1523.5	1503.2	1482.8	1462.4	1370.7
-67.5°	1294.2	1309.5	1329.9	1335.0	1345.2	1350.3	1340.1	1324.8	1299.3	1273.9	1202.5
-70°	1126.1	1136.3	1146.5	1146.5	1146.5	1141.4	1131.2	1110.8	1085.3	1049.7	993.6
-72.5°	973.2	983.4	993.6	978.3	968.1	952.8	937.6	912.1	886.6	861.1	830.6
-75°	830.6	835.7	835.7	815.3	800.0	784.7	764.3	749.0	723.6	703.2	677.7
-77.5°	662.4	662.4	662.4	647.1	636.9	626.7	611.5	596.2	575.8	560.5	540.1
-80°	514.6	514.6	514.6	509.5	494.3	484.1	473.9	463.7	448.4	438.2	428.0
-82.5°	392.3	392.3	392.3	387.3	377.1	372.0	361.8	351.6	346.5	336.3	331.2
-85°	285.3	290.4	290.4	285.3	280.2	270.1	265.0	259.9	254.8	249.7	239.5
-87.5°	193.6	193.6	193.6	188.5	183.4	183.4	178.3	168.1	158.0	152.9	147.8
-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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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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	15.3	15.3	15.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	15.3
82.5°	25.5	25.5	30.6	30.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
80°	25.5	30.6	35.7	40.8	45.9	51.0	51.0	51.0	51.0	45.9	45.9
77.5°	30.6	30.6	35.7	40.8	45.9	51.0	56.0	61.1	56.0	56.0	56.0
75°	30.6	35.7	35.7	40.8	45.9	51.0	56.0	61.1	61.1	61.1	61.1
72.5°	25.5	30.6	35.7	40.8	40.8	45.9	51.0	51.0	56.0	56.0	61.1
70°	25.5	30.6	35.7	35.7	40.8	40.8	45.9	51.0	51.0	56.0	56.0
67.5°	30.6	35.7	35.7	40.8	45.9	45.9	45.9	51.0	51.0	56.0	56.0
65°	35.7	40.8	40.8	45.9	51.0	51.0	56.0	56.0	56.0	61.1	61.1
62.5°	61.1	61.1	61.1	56.0	61.1	61.1	61.1	66.2	66.2	61.1	66.2
60°	315.9	229.3	158.0	198.7	178.3	81.5	81.5	81.5	76.4	76.4	71.3
57.5°	743.9	693.0	596.2	504.4	453.5	402.5	249.7	101.9	101.9	91.7	81.5
55°	1243.3	1075.1	1003.8	881.5	749.0	687.9	570.7	387.3	183.4	122.3	107.0
52.5°	1926.1	1768.1	1584.7	1335.0	1156.7	1014.0	917.2	728.6	489.2	259.9	163.1
50°	2578.3	2507.0	2394.9	2150.3	1778.3	1538.8	1380.9	1166.9	876.4	535.0	305.7
47.5°	4152.8	3556.6	3194.8	3006.3	2695.5	2242.0	1936.3	1696.8	1345.2	901.9	540.1
45°	5227.9	4850.9	4275.1	3877.6	3419.0	2940.1	2542.6	2267.5	1849.6	1350.3	845.8
42.5°	6150.2	5824.1	5304.4	4723.5	4239.4	3612.7	3103.1	2741.4	2389.8	1844.6	1263.7
40°	7337.4	6950.2	6450.8	5885.2	5319.6	4519.7	3694.2	3256.0	2868.7	2384.7	1707.0
37.5°	9294.1	8611.3	7796.0	7169.3	6430.5	5752.8	4621.6	3847.1	3388.5	2884.0	2226.7
35°	11648.2	10899.2	9538.7	8708.1	7719.6	6710.7	5691.6	4545.1	3892.9	3357.9	2705.7
32.5°	13839.2	12743.7	11001.1	10027.8	9370.5	7510.7	6455.9	5462.3	4412.7	3755.3	2980.8
30°	14445.6	13238.0	11989.6	10853.3	9732.3	8229.1	6980.8	6206.3	5064.9	3994.8	3240.7
27.5°	13834.1	13003.6	12035.4	10980.7	9768.0	8478.8	7301.8	6562.9	5543.8	4157.9	3444.5
25°	13212.5	12346.3	11668.6	10787.1	9666.1	8463.5	7312.0	6787.1	5915.8	4473.8	3556.6
22.5°	12555.2	12015.1	11454.6	10471.1	9411.3	8509.4	7643.2	6980.8	6109.4	4830.5	3602.5
20°	12590.8	12239.3	11622.7	10308.1	9365.4	8779.5	8040.6	7225.3	6318.4	5141.3	3638.1
17.5°	13161.5	12702.9	11928.4	10787.1	9778.2	9054.6	8371.8	7561.6	6532.4	5416.5	4071.3
15°	13864.7	13166.6	12356.5	11352.7	10211.3	9355.2	8626.6	7796.0	6776.9	5671.2	4458.5
12.5°	14374.3	13380.6	12621.4	11714.4	10680.1	9681.3	8794.7	7974.4	7006.2	5880.1	4749.0
10°	14547.5	13645.6	12748.8	11938.6	10919.5	9854.6	8922.1	8086.5	7205.0	6043.2	4963.0
7.5°	14639.2	13874.9	12835.4	12040.5	11062.2	9961.6	9024.0	8147.6	7362.9	6155.3	5100.5
5°	14629.0	13997.2	12901.7	12071.1	11138.6	10007.5	9095.4	8162.9	7475.0	6252.1	5182.1
2.5°	14583.2	14078.7	13008.7	12122.1	11291.5	10094.1	9233.0	8193.5	7515.8	6359.1	5238.1
0°	14751.3	14083.8	13120.8	12137.4	11393.4	10124.7	9294.1	8168.0	7459.7	6389.7	5233.0
-2.5°	14389.5	13783.2	13095.3	12004.9	11255.8	10053.3	9182.0	8086.5	7337.4	6354.0	5212.6
-5°	14328.4	13564.1	12881.3	11882.6	11026.5	9905.5	8973.1	7933.6	7143.8	6236.8	5131.1
-7.5°	14165.3	13355.2	12672.4	11785.8	10812.5	9752.7	8774.4	7775.7	6934.9	6053.4	5013.9
-10°	13808.7	13034.2	12448.2	11576.9	10552.7	9533.6	8534.9	7566.7	6690.3	5803.7	4830.5
-12.5°	13299.1	12524.6	11943.7	11133.6	10226.6	9238.0	8249.5	7296.7	6410.1	5538.8	4611.4
-15°	12723.3	11938.6	11357.8	10618.9	9742.5	8779.5	7887.8	6955.3	6089.1	5258.5	4351.5
-17.5°	12071.1	11327.2	10766.7	10048.2	9176.9	8259.7	7373.1	6527.3	5717.1	4968.1	4050.9
-20°	11317.0	10593.4	10078.8	9360.3	8560.4	7668.6	6807.5	6007.5	5278.9	4575.7	3719.7

REPORT NUMBER: P722501

CATALOG NUMBER: IFLD-L-SA7A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10384.5	9747.6	9161.6	8519.6	7821.5	7006.2	6206.3	5498.0	4799.9	4112.0	3378.3
-25°	9431.7	8815.1	8244.4	7658.5	6991.0	6287.8	5605.0	4963.0	4280.2	3658.5	3047.1
-27.5°	8371.8	7821.5	7312.0	6771.8	6160.4	5554.0	4993.5	4366.8	3775.7	3245.8	2721.0
-30°	7240.6	6792.2	6348.9	5870.0	5375.7	4866.2	4366.8	3775.7	3312.0	2889.1	2445.8
-32.5°	6155.3	5752.8	5396.1	5039.4	4611.4	4193.6	3750.2	3312.0	2924.8	2552.8	2180.9
-35°	5202.5	4774.4	4575.7	4290.4	3949.0	3571.9	3210.1	2904.4	2593.6	2257.3	1926.1
-37.5°	4377.0	4101.8	3867.4	3653.4	3383.4	3057.3	2797.4	2547.7	2287.9	1982.1	1696.8
-40°	3729.9	3531.1	3296.8	3138.8	2919.7	2685.3	2425.4	2216.5	1997.4	1747.7	1513.3
-42.5°	3210.1	3047.1	2894.2	2726.1	2563.0	2364.3	2140.1	1941.4	1742.6	1559.2	1365.6
-45°	2782.1	2664.9	2542.6	2405.1	2262.4	2089.1	1905.7	1701.9	1559.2	1396.2	1233.1
-47.5°	2430.5	2343.9	2242.0	2135.0	2012.7	1859.8	1691.7	1543.9	1396.2	1258.6	1100.6
-50°	2150.3	2068.8	1987.2	1895.5	1788.5	1656.0	1528.6	1391.1	1253.5	1121.0	973.2
-52.5°	1915.9	1844.6	1778.3	1701.9	1600.0	1487.9	1370.7	1248.4	1121.0	988.5	871.3
-55°	1752.8	1671.3	1605.1	1528.6	1436.9	1329.9	1222.9	1110.8	988.5	886.6	789.8
-57.5°	1620.4	1528.6	1452.2	1370.7	1279.0	1187.2	1090.4	988.5	896.8	800.0	708.3
-60°	1508.3	1401.2	1314.6	1233.1	1146.5	1059.9	978.3	891.7	805.1	718.5	626.7
-62.5°	1391.1	1279.0	1172.0	1095.5	1029.3	952.8	881.5	800.0	723.6	636.9	570.7
-65°	1258.6	1151.6	1049.7	983.4	922.3	856.0	789.8	718.5	652.2	586.0	524.8
-67.5°	1110.8	1019.1	947.8	886.6	825.5	769.4	708.3	647.1	591.1	524.8	463.7
-70°	932.5	881.5	840.7	794.9	738.8	687.9	631.8	575.8	514.6	458.6	402.5
-72.5°	794.9	764.3	733.7	687.9	636.9	591.1	545.2	494.3	443.3	392.3	346.5
-75°	652.2	626.7	601.3	570.7	529.9	494.3	453.5	407.6	366.9	331.2	295.5
-77.5°	524.8	504.4	489.2	463.7	433.1	402.5	377.1	346.5	315.9	280.2	244.6
-80°	417.8	407.6	402.5	392.3	366.9	341.4	321.0	295.5	265.0	239.5	214.0
-82.5°	326.1	326.1	321.0	315.9	295.5	275.2	259.9	239.5	219.1	198.7	173.2
-85°	239.5	234.4	234.4	229.3	214.0	203.8	188.5	178.3	163.1	142.7	132.5
-87.5°	142.7	137.6	132.5	127.4	117.2	112.1	101.9	96.8	86.6	76.4	71.3
-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: P722501

CATALOG NUMBER: IFLD-L-SA7A-740-U-76-VI

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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	0.0	0.0
85°	15.3	10.2	10.2	10.2	10.2	10.2	5.1	5.1	5.1	5.1	5.1
82.5°	30.6	30.6	25.5	25.5	20.4	15.3	10.2	10.2	10.2	5.1	5.1
80°	45.9	45.9	45.9	40.8	35.7	25.5	20.4	15.3	10.2	5.1	5.1
77.5°	56.0	51.0	51.0	45.9	45.9	40.8	30.6	25.5	15.3	10.2	5.1
75°	56.0	56.0	56.0	51.0	51.0	45.9	40.8	30.6	25.5	15.3	10.2
72.5°	61.1	56.0	56.0	56.0	51.0	45.9	40.8	35.7	30.6	20.4	10.2
70°	56.0	56.0	56.0	56.0	51.0	51.0	40.8	35.7	35.7	20.4	15.3
67.5°	56.0	56.0	56.0	51.0	51.0	45.9	40.8	35.7	35.7	25.5	15.3
65°	61.1	56.0	56.0	56.0	51.0	45.9	40.8	35.7	35.7	30.6	20.4
62.5°	66.2	61.1	61.1	56.0	51.0	45.9	40.8	35.7	35.7	30.6	20.4
60°	71.3	66.2	61.1	61.1	56.0	51.0	40.8	40.8	35.7	30.6	20.4
57.5°	76.4	71.3	71.3	66.2	61.1	56.0	45.9	40.8	35.7	30.6	25.5
55°	91.7	81.5	76.4	76.4	71.3	61.1	51.0	40.8	35.7	30.6	25.5
52.5°	122.3	96.8	86.6	86.6	81.5	71.3	56.0	45.9	35.7	30.6	25.5
50°	193.6	122.3	101.9	91.7	91.7	81.5	66.2	51.0	35.7	30.6	25.5
47.5°	305.7	203.8	122.3	107.0	101.9	96.8	76.4	51.0	40.8	30.6	25.5
45°	504.4	300.6	198.7	127.4	107.0	101.9	86.6	56.0	40.8	35.7	25.5
42.5°	693.0	468.8	305.7	152.9	127.4	112.1	91.7	61.1	45.9	35.7	25.5
40°	1090.4	642.0	428.0	249.7	147.8	117.2	101.9	71.3	45.9	35.7	25.5
37.5°	1477.7	850.9	575.8	366.9	168.1	132.5	107.0	76.4	51.0	35.7	30.6
35°	1864.9	1192.3	713.4	489.2	224.2	158.0	112.1	81.5	51.0	35.7	30.6
32.5°	2211.4	1513.3	856.0	611.5	336.3	188.5	122.3	86.6	56.0	40.8	30.6
30°	2496.8	1808.9	1110.8	718.5	438.2	229.3	132.5	86.6	61.1	40.8	30.6
27.5°	2710.8	2038.2	1370.7	830.6	524.8	270.1	152.9	96.8	61.1	40.8	30.6
25°	2884.0	2216.5	1600.0	947.8	601.3	336.3	183.4	101.9	66.2	45.9	30.6
22.5°	3021.6	2364.3	1788.5	1105.7	693.0	402.5	224.2	112.1	66.2	45.9	30.6
20°	3210.1	2512.1	1915.9	1273.9	789.8	463.7	259.9	122.3	66.2	45.9	35.7
17.5°	3373.2	2659.8	2017.8	1416.5	886.6	509.5	300.6	132.5	71.3	45.9	35.7
15°	3561.7	2802.5	2109.5	1528.6	978.3	550.3	336.3	142.7	71.3	51.0	35.7
12.5°	3765.5	2935.0	2175.8	1620.4	1075.1	586.0	366.9	163.1	76.4	51.0	35.7
10°	3974.4	3047.1	2231.8	1686.6	1146.5	621.6	387.3	183.4	81.5	51.0	35.7
7.5°	4183.4	3149.0	2303.1	1717.2	1177.0	662.4	397.4	203.8	81.5	56.0	35.7
5°	4326.0	3215.2	2405.1	1737.5	1192.3	708.3	412.7	229.3	86.6	56.0	35.7
2.5°	4448.3	3256.0	2512.1	1752.8	1197.4	733.7	407.6	244.6	91.7	56.0	35.7
0°	4504.4	3256.0	2583.4	1742.6	1182.1	759.2	407.6	259.9	91.7	56.0	35.7
-2.5°	4417.8	3347.7	2563.0	1747.7	1187.2	759.2	428.0	265.0	101.9	61.1	35.7
-5°	4280.2	3383.4	2501.9	1722.3	1177.0	759.2	453.5	270.1	107.0	61.1	40.8
-7.5°	4147.7	3398.7	2430.5	1696.8	1161.8	738.8	458.6	265.0	117.2	66.2	40.8
-10°	3974.4	3230.5	2338.8	1650.9	1131.2	723.6	468.8	265.0	122.3	66.2	40.8
-12.5°	3775.7	3026.7	2226.7	1584.7	1095.5	708.3	473.9	265.0	127.4	71.3	40.8
-15°	3546.4	2817.8	2099.3	1513.3	1044.6	687.9	463.7	259.9	132.5	71.3	45.9
-17.5°	3286.6	2614.0	1966.8	1426.7	988.5	662.4	443.3	254.8	132.5	71.3	45.9
-20°	2991.0	2410.1	1819.1	1340.1	922.3	631.8	422.9	244.6	132.5	71.3	45.9

REPORT NUMBER: P722501

CATALOG NUMBER: IFLD-L-SA7A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2726.1	2221.6	1666.2	1243.3	850.9	596.2	397.4	234.4	132.5	76.4	45.9
-25°	2507.0	2038.2	1549.0	1146.5	774.5	555.4	372.0	224.2	132.5	76.4	45.9
-27.5°	2277.7	1839.5	1426.7	1054.8	723.6	519.7	346.5	214.0	127.4	76.4	45.9
-30°	2043.3	1645.8	1299.3	952.8	672.6	484.1	326.1	198.7	127.4	76.4	45.9
-32.5°	1829.3	1487.9	1182.1	850.9	616.5	448.4	305.7	193.6	122.3	76.4	45.9
-35°	1620.4	1345.2	1059.9	769.4	555.4	412.7	285.3	188.5	122.3	76.4	45.9
-37.5°	1447.1	1212.7	947.8	713.4	519.7	382.2	265.0	178.3	117.2	76.4	45.9
-40°	1304.4	1090.4	840.7	652.2	489.2	351.6	244.6	173.2	117.2	76.4	45.9
-42.5°	1172.0	973.2	774.5	601.3	458.6	331.2	229.3	168.1	112.1	76.4	45.9
-45°	1054.8	871.3	708.3	555.4	422.9	305.7	219.1	158.0	107.0	76.4	51.0
-47.5°	937.6	800.0	647.1	514.6	387.3	275.2	208.9	152.9	101.9	71.3	51.0
-50°	845.8	723.6	596.2	468.8	351.6	265.0	198.7	142.7	101.9	71.3	51.0
-52.5°	764.3	652.2	540.1	422.9	321.0	249.7	188.5	132.5	96.8	71.3	51.0
-55°	687.9	586.0	484.1	377.1	300.6	234.4	173.2	122.3	96.8	71.3	51.0
-57.5°	611.5	524.8	428.0	341.4	275.2	219.1	163.1	122.3	96.8	71.3	51.0
-60°	550.3	468.8	387.3	315.9	254.8	198.7	147.8	117.2	91.7	71.3	51.0
-62.5°	499.4	422.9	351.6	285.3	234.4	178.3	142.7	117.2	91.7	71.3	45.9
-65°	448.4	382.2	315.9	259.9	208.9	168.1	137.6	112.1	91.7	71.3	45.9
-67.5°	397.4	336.3	285.3	229.3	193.6	163.1	132.5	112.1	86.6	66.2	45.9
-70°	346.5	295.5	249.7	214.0	183.4	152.9	127.4	107.0	86.6	61.1	40.8
-72.5°	305.7	259.9	224.2	198.7	173.2	147.8	122.3	101.9	81.5	56.0	35.7
-75°	259.9	229.3	203.8	178.3	158.0	137.6	117.2	91.7	71.3	51.0	35.7
-77.5°	219.1	198.7	178.3	163.1	142.7	122.3	101.9	81.5	66.2	45.9	30.6
-80°	188.5	173.2	158.0	142.7	127.4	107.0	91.7	71.3	56.0	40.8	25.5
-82.5°	152.9	142.7	127.4	117.2	107.0	91.7	76.4	61.1	40.8	30.6	20.4
-85°	117.2	107.0	101.9	91.7	81.5	66.2	51.0	40.8	30.6	20.4	10.2
-87.5°	61.1	56.0	51.0	45.9	40.8	30.6	25.5	20.4	15.3	10.2	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722501

CATALOG NUMBER: IFLD-L-SA7A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	5.1	5.1	0.0	0.0
67.5°	10.2	5.1	0.0	0.0
65°	10.2	5.1	0.0	0.0
62.5°	10.2	5.1	0.0	0.0
60°	10.2	5.1	0.0	0.0
57.5°	15.3	5.1	5.1	0.0
55°	15.3	5.1	5.1	0.0
52.5°	15.3	5.1	5.1	0.0
50°	15.3	10.2	5.1	0.0
47.5°	15.3	10.2	5.1	0.0
45°	15.3	10.2	5.1	0.0
42.5°	15.3	10.2	5.1	0.0
40°	20.4	10.2	5.1	0.0
37.5°	20.4	10.2	5.1	0.0
35°	20.4	10.2	5.1	0.0
32.5°	20.4	10.2	5.1	0.0
30°	20.4	10.2	5.1	0.0
27.5°	20.4	15.3	5.1	0.0
25°	20.4	15.3	5.1	0.0
22.5°	25.5	15.3	5.1	0.0
20°	25.5	15.3	5.1	0.0
17.5°	25.5	15.3	5.1	0.0
15°	25.5	15.3	5.1	0.0
12.5°	25.5	15.3	5.1	0.0
10°	25.5	15.3	5.1	0.0
7.5°	25.5	15.3	5.1	0.0
5°	25.5	15.3	5.1	0.0
2.5°	25.5	15.3	5.1	0.0
0°	25.5	15.3	5.1	0.0
-2.5°	25.5	15.3	5.1	0.0
-5°	25.5	15.3	5.1	0.0
-7.5°	25.5	15.3	5.1	0.0
-10°	25.5	15.3	5.1	0.0
-12.5°	30.6	15.3	5.1	0.0
-15°	30.6	15.3	5.1	0.0
-17.5°	30.6	15.3	5.1	0.0
-20°	30.6	15.3	5.1	0.0

REPORT NUMBER: P722501

CATALOG NUMBER: IFLD-L-SA7A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	30.6	15.3	5.1	0.0
-25°	30.6	15.3	5.1	0.0
-27.5°	30.6	15.3	5.1	0.0
-30°	30.6	15.3	5.1	0.0
-32.5°	30.6	15.3	5.1	0.0
-35°	30.6	15.3	5.1	0.0
-37.5°	30.6	15.3	5.1	0.0
-40°	30.6	15.3	5.1	0.0
-42.5°	25.5	15.3	5.1	0.0
-45°	30.6	15.3	5.1	0.0
-47.5°	30.6	15.3	5.1	0.0
-50°	30.6	15.3	5.1	0.0
-52.5°	30.6	15.3	5.1	0.0
-55°	30.6	15.3	5.1	0.0
-57.5°	30.6	15.3	5.1	0.0
-60°	30.6	15.3	5.1	0.0
-62.5°	25.5	15.3	5.1	0.0
-65°	25.5	10.2	5.1	0.0
-67.5°	25.5	10.2	5.1	0.0
-70°	25.5	10.2	5.1	0.0
-72.5°	20.4	10.2	5.1	0.0
-75°	20.4	10.2	5.1	0.0
-77.5°	15.3	5.1	0.0	0.0
-80°	15.3	5.1	0.0	0.0
-82.5°	10.2	5.1	0.0	0.0
-85°	5.1	5.1	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)