

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: P722767

Luminaire Tested: **IFLD-L-SA8A-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722767
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25311.2 lumens	Max Intensity:	17670.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.1 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:	16147.5 lumens	Field Lumens:	23862.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

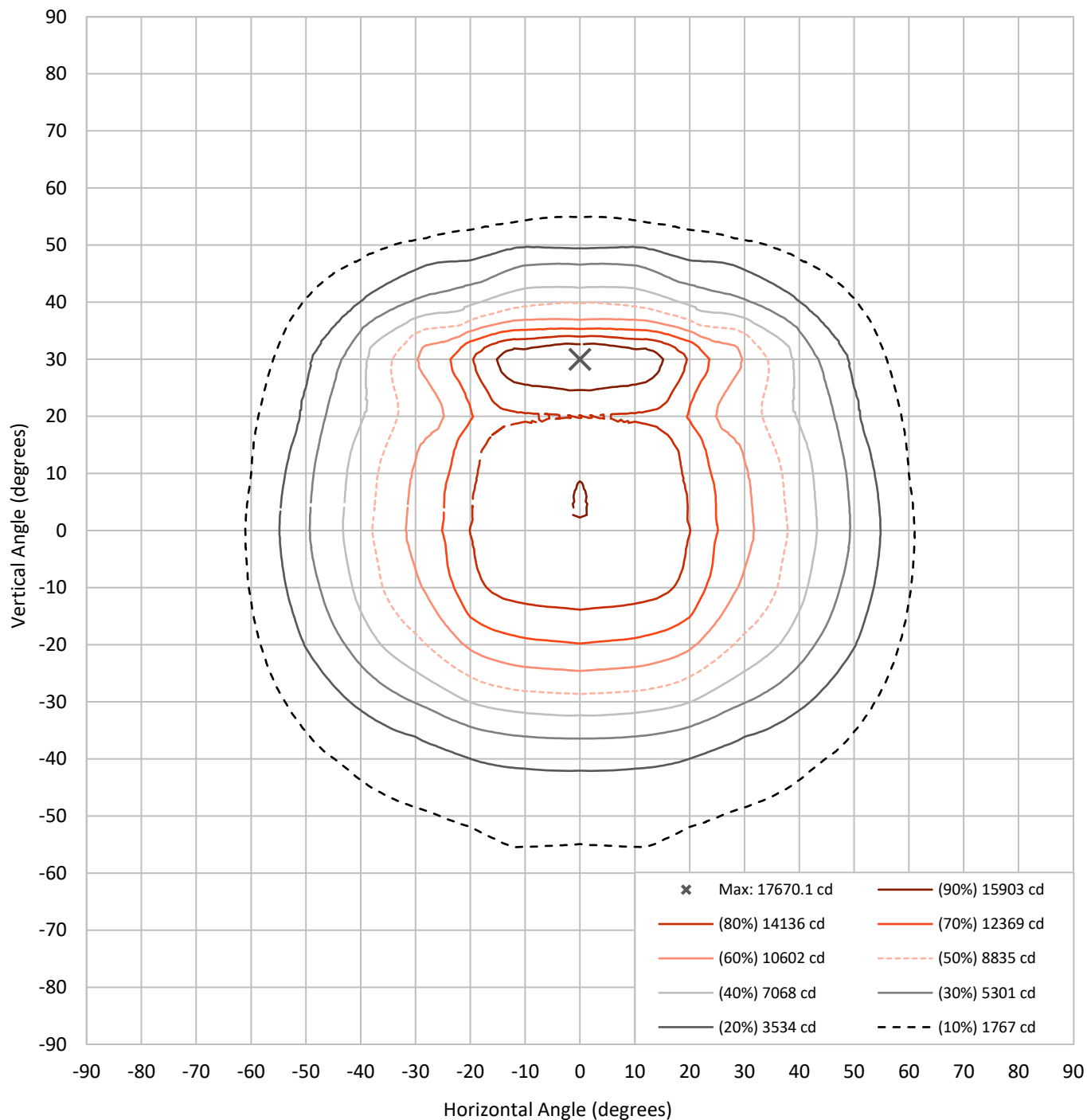
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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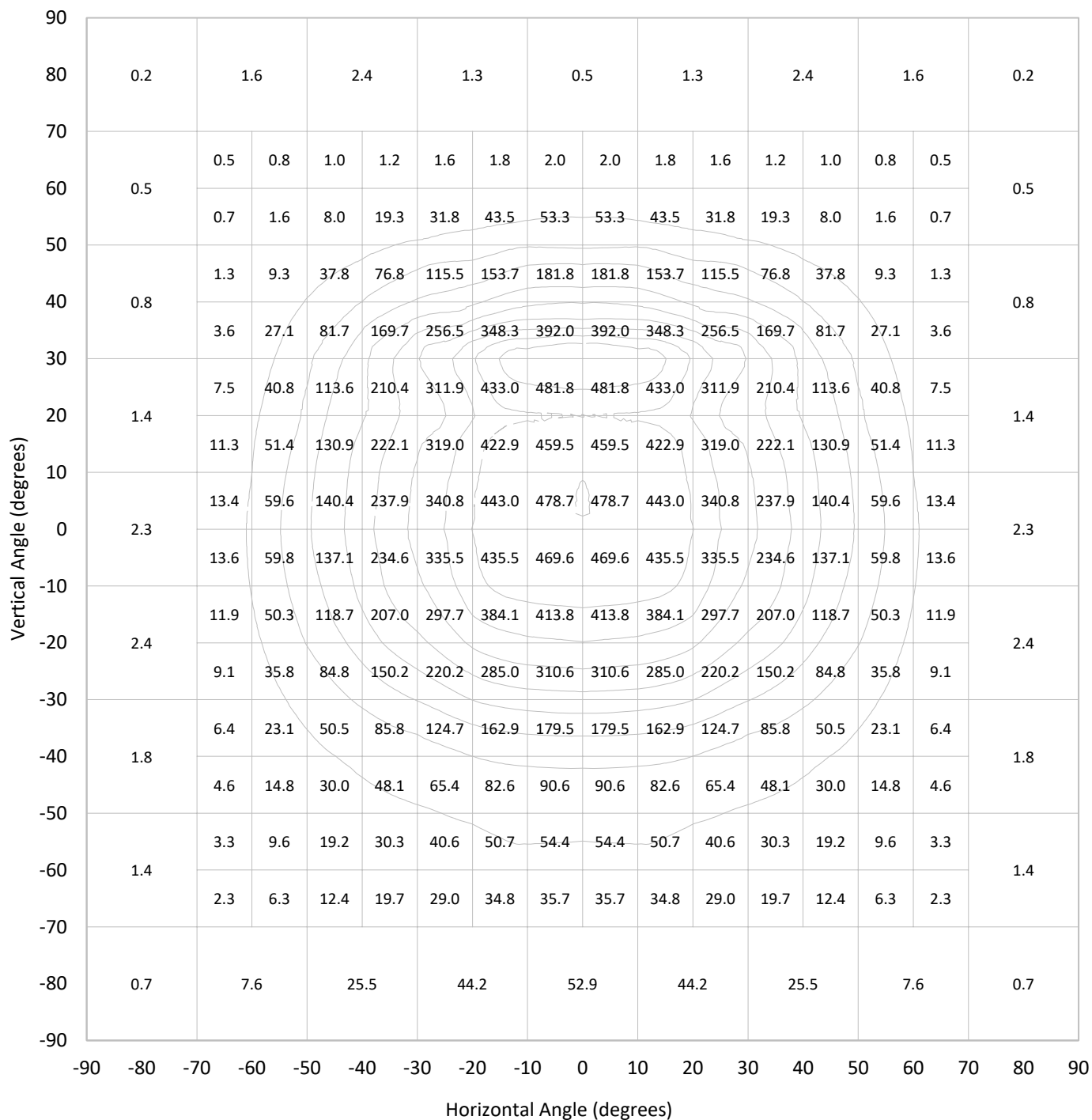
Iso-Candela Plot



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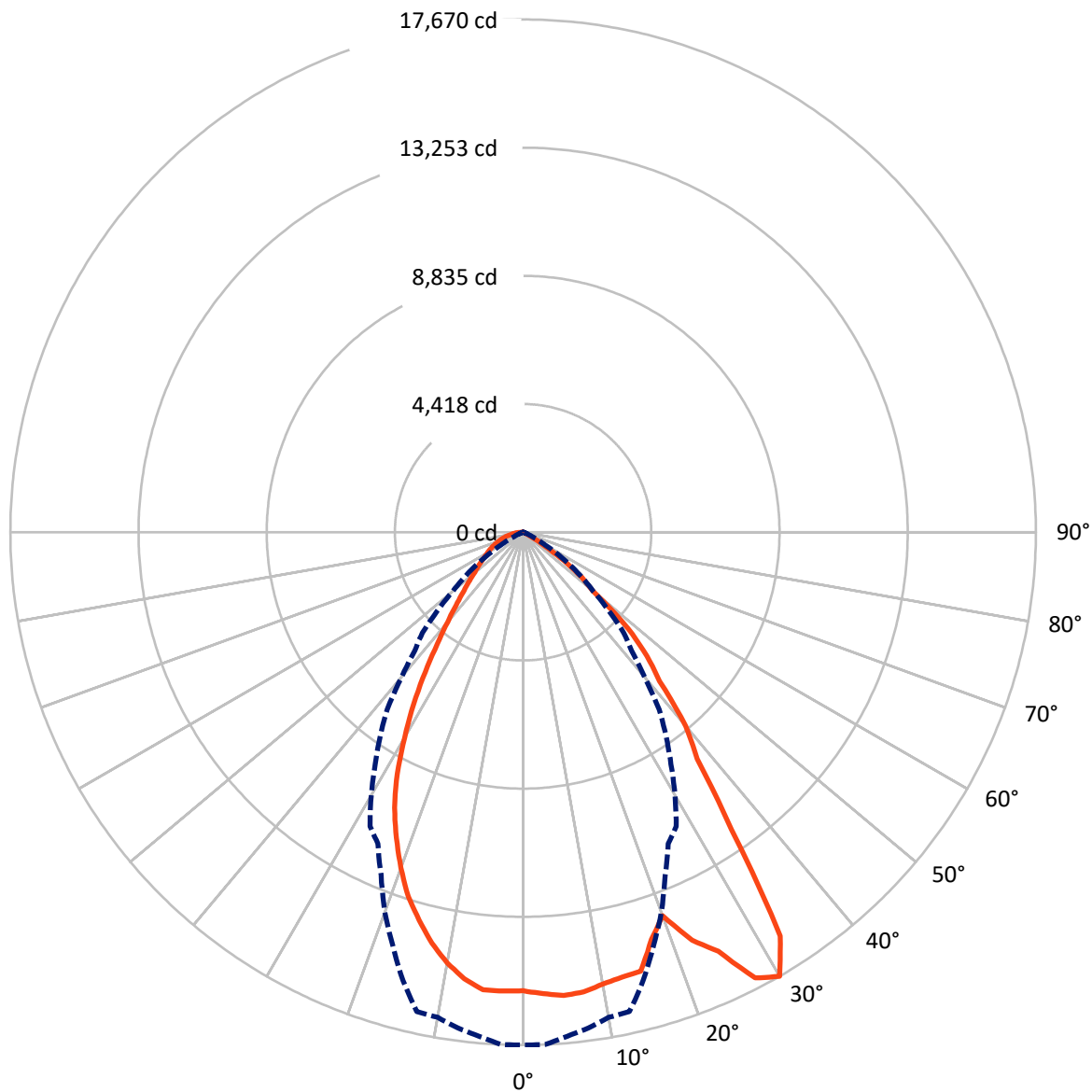
Lumen Table



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Luminous Intensity Polar Plot

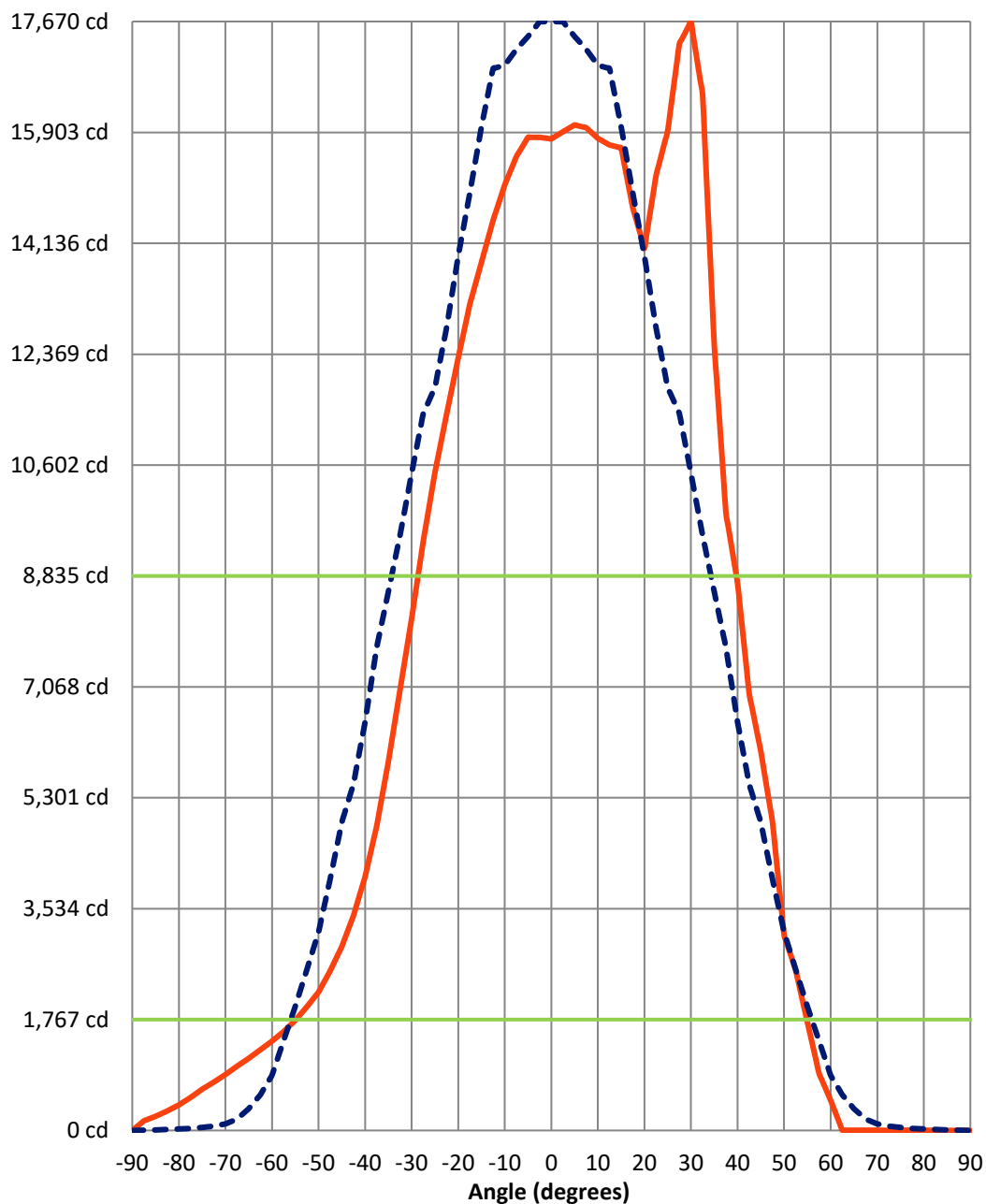


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16147.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23862.8

Efficiency: 94.3%

Spill:

Lumens: 1448.4

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	8.1	8.1	12.1
82.5°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	12.1	12.1	16.1
80°	4.0	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.1	16.1
77.5°	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.1	16.1	20.1
75°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.1	16.1	20.1
72.5°	0.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.1	16.1	16.1
70°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.1	16.1	16.1
67.5°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.1	16.1	16.1	20.1
65°	4.0	4.0	4.0	8.1	12.1	12.1	16.1	20.1	20.1	24.2	28.2
62.5°	4.0	8.1	8.1	12.1	16.1	20.1	44.3	68.5	68.5	48.4	40.3
60°	479.5	519.8	515.8	467.4	407.0	342.5	330.4	318.3	294.2	257.9	270.0
57.5°	910.7	959.1	979.2	967.1	934.9	878.5	846.2	810.0	761.6	705.2	640.7
55°	1724.7	1744.8	1700.5	1615.9	1523.2	1430.5	1398.3	1349.9	1277.4	1204.9	1108.2
52.5°	2550.8	2619.3	2599.1	2514.5	2389.6	2224.4	2043.0	1902.0	1817.4	1736.8	1640.1
50°	3114.9	3143.1	3199.5	3300.3	3336.6	3223.7	2929.6	2550.8	2280.8	2417.8	2313.0
47.5°	4916.2	5057.2	5029.0	4956.5	4835.6	4529.3	4118.3	3779.8	3497.7	3405.1	3421.2
45°	6040.5	6096.9	6076.7	6044.5	5988.1	5702.0	5246.6	4726.8	4464.9	4360.1	4251.3
42.5°	6963.3	7023.7	7035.8	7039.8	6979.4	6717.4	6306.4	5786.6	5524.7	5222.4	4984.7
40°	8724.2	8812.9	8712.1	8579.1	8377.7	8079.5	7676.5	7197.0	6733.6	6362.8	6080.8
37.5°	9848.5	9957.3	9997.6	9989.5	9945.2	9816.3	9320.6	8865.3	8156.0	7325.9	7475.0
35°	12516.1	12629.0	12596.7	12475.8	12411.4	12274.3	11790.8	11250.8	10360.3	9457.6	9215.8
32.5°	16493.4	16739.2	16279.8	15776.1	15465.8	15574.6	15083.0	13761.3	13350.3	11722.3	10968.7
30°	17670.1	17666.0	17432.3	17226.8	16972.9	16920.5	15993.7	14937.9	13930.5	12790.1	11839.1
27.5°	17311.4	17238.9	17041.4	16892.3	16654.6	16529.7	15623.0	14784.8	13620.2	12600.7	11682.0
25°	15929.2	15985.7	15784.2	15756.0	15663.3	15421.5	14970.2	14027.2	12987.6	11859.3	11198.4
22.5°	15216.0	15195.8	14954.1	14813.0	14925.9	14668.0	14486.6	13535.6	12451.6	11500.6	10706.8
20°	14055.5	14059.5	13999.0	13986.9	13918.4	13801.6	13656.5	12983.6	12217.9	11403.9	10448.9
17.5°	14704.2	14869.4	14942.0	14341.6	14510.8	14377.8	14224.7	13285.8	12709.5	11988.2	10743.1
15°	15655.2	15594.8	15522.2	15490.0	15397.3	15272.4	14994.4	14244.8	13253.5	12508.1	11536.9
12.5°	15703.6	15586.7	15558.5	15554.5	15457.8	15284.5	15014.5	14393.9	13515.5	12608.8	11819.0
10°	15808.4	15687.5	15671.3	15691.5	15542.4	15433.6	15163.6	14587.4	13596.1	12782.1	12036.6
7.5°	15977.6	15776.1	15868.8	15808.4	15739.8	15566.6	15276.4	14712.3	13890.2	13011.8	12230.0
5°	16021.9	15800.3	15901.0	15844.6	15743.9	15574.6	15260.3	14792.9	14071.6	13104.5	12306.6
2.5°	15913.1	15848.7	15804.3	15699.6	15655.2	15469.9	15171.7	14672.0	13986.9	13064.2	12290.5
0°	15800.3	15856.7	15756.0	15651.2	15631.0	15482.0	15228.1	14776.8	14184.4	13177.0	12427.5
-2.5°	15824.5	15780.1	15711.6	15602.8	15498.1	15284.5	15054.8	14631.7	13995.0	12931.2	12234.0
-5°	15824.5	15619.0	15627.0	15631.0	15526.3	15304.6	15026.6	14668.0	13882.2	12927.1	12177.6
-7.5°	15518.2	15340.9	15312.7	15288.5	15260.3	15054.8	14837.2	14389.9	13692.8	12822.4	12020.5
-10°	15066.9	14893.6	14909.7	14873.5	14784.8	14647.8	14482.6	14079.6	13507.4	12491.9	11702.1
-12.5°	14502.7	14426.2	14381.9	14321.4	14232.8	14111.9	13942.6	13563.8	12951.3	12084.9	11335.4
-15°	13833.8	13777.4	13737.1	13700.8	13571.9	13447.0	13225.3	12874.8	12491.9	11561.1	10795.5
-17.5°	13164.9	13023.9	12967.4	12919.1	12834.5	12633.0	12431.5	12169.6	11633.6	10896.2	10239.4
-20°	12306.6	12222.0	12153.5	12089.0	11968.1	11810.9	11645.7	11343.5	10880.1	10283.7	9602.7

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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°	11408.0	11359.6	11303.2	11222.6	11142.0	10992.9	10763.2	10473.1	10110.4	9465.7	8829.0
-25°	10481.1	10388.5	10320.0	10243.4	10178.9	10041.9	9820.3	9542.2	9086.9	8530.8	7998.9
-27.5°	9389.1	9300.5	9264.2	9175.5	9119.1	8994.2	8772.6	8514.7	8103.6	7636.2	7096.2
-30°	8156.0	8172.1	8131.9	8047.2	7978.7	7817.5	7648.3	7430.7	7108.3	6661.0	6177.5
-32.5°	7015.6	7035.8	6987.4	6898.8	6810.1	6693.3	6536.1	6338.7	6096.9	5669.7	5250.6
-35°	5875.2	5867.2	5826.9	5774.5	5714.1	5617.3	5440.0	5290.9	5012.9	4714.7	4424.6
-37.5°	4851.7	4871.9	4859.8	4831.6	4763.1	4682.5	4537.4	4400.4	4194.9	3932.9	3707.3
-40°	4041.7	4065.9	4049.8	4021.6	3961.2	3912.8	3816.1	3695.2	3530.0	3304.3	3114.9
-42.5°	3421.2	3437.3	3417.2	3393.0	3340.6	3304.3	3227.8	3127.0	2990.0	2816.7	2647.5
-45°	2929.6	2933.6	2913.4	2897.3	2857.0	2812.7	2748.2	2667.6	2558.8	2437.9	2300.9
-47.5°	2542.7	2538.7	2518.5	2502.4	2470.2	2429.9	2377.5	2305.0	2220.3	2127.7	2018.9
-50°	2204.2	2224.4	2216.3	2200.2	2176.0	2147.8	2095.4	2018.9	1934.2	1865.7	1789.2
-52.5°	1970.5	1974.5	1970.5	1970.5	1966.5	1946.3	1885.9	1809.3	1716.6	1656.2	1591.7
-55°	1752.9	1773.1	1781.1	1789.2	1793.2	1793.2	1720.7	1640.1	1551.4	1491.0	1442.6
-57.5°	1575.6	1587.7	1595.7	1615.9	1632.0	1644.1	1579.6	1507.1	1438.6	1382.2	1337.8
-60°	1422.5	1438.6	1450.7	1470.8	1482.9	1491.0	1450.7	1402.3	1362.0	1325.8	1261.3
-62.5°	1285.5	1297.6	1309.6	1321.7	1333.8	1341.9	1325.8	1301.6	1281.4	1265.3	1184.7
-65°	1148.5	1160.5	1172.6	1188.7	1200.8	1208.9	1204.9	1188.7	1172.6	1156.5	1084.0
-67.5°	1023.5	1035.6	1051.7	1055.8	1063.8	1067.9	1059.8	1047.7	1027.6	1007.4	951.0
-70°	890.6	898.6	906.7	906.7	906.7	902.6	894.6	878.5	858.3	830.1	785.8
-72.5°	769.7	777.7	785.8	773.7	765.6	753.5	741.5	721.3	701.2	681.0	656.8
-75°	656.8	660.9	660.9	644.7	632.7	620.6	604.4	592.4	572.2	556.1	535.9
-77.5°	523.9	523.9	523.9	511.8	503.7	495.6	483.6	471.5	455.4	443.3	427.1
-80°	407.0	407.0	407.0	403.0	390.9	382.8	374.8	366.7	354.6	346.6	338.5
-82.5°	310.3	310.3	310.3	306.3	298.2	294.2	286.1	278.0	274.0	266.0	261.9
-85°	225.7	229.7	229.7	225.7	221.6	213.6	209.5	205.5	201.5	197.5	189.4
-87.5°	153.1	153.1	153.1	149.1	145.1	145.1	141.0	133.0	124.9	120.9	116.9
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	12.1	12.1	12.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	12.1
82.5°	20.1	20.1	24.2	24.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
80°	20.1	24.2	28.2	32.2	36.3	40.3	40.3	40.3	40.3	36.3	36.3
77.5°	24.2	24.2	28.2	32.2	36.3	40.3	44.3	48.4	44.3	44.3	44.3
75°	24.2	28.2	28.2	32.2	36.3	40.3	44.3	48.4	48.4	48.4	48.4
72.5°	20.1	24.2	28.2	32.2	32.2	36.3	40.3	40.3	44.3	44.3	48.4
70°	20.1	24.2	28.2	28.2	32.2	32.2	36.3	40.3	40.3	44.3	44.3
67.5°	24.2	28.2	28.2	32.2	36.3	36.3	36.3	40.3	40.3	44.3	44.3
65°	28.2	32.2	32.2	36.3	40.3	40.3	44.3	44.3	44.3	48.4	48.4
62.5°	48.4	48.4	48.4	44.3	48.4	48.4	48.4	52.4	52.4	48.4	52.4
60°	249.8	181.3	124.9	157.2	141.0	64.5	64.5	64.5	60.4	60.4	56.4
57.5°	588.3	548.0	471.5	398.9	358.6	318.3	197.5	80.6	80.6	72.5	64.5
55°	983.2	850.3	793.8	697.1	592.4	544.0	451.3	306.3	145.1	96.7	84.6
52.5°	1523.2	1398.3	1253.2	1055.8	914.7	801.9	725.3	576.2	386.8	205.5	128.9
50°	2039.0	1982.6	1893.9	1700.5	1406.4	1217.0	1092.0	922.8	693.1	423.1	241.8
47.5°	3284.2	2812.7	2526.6	2377.5	2131.7	1773.1	1531.3	1341.9	1063.8	713.2	427.1
45°	4134.4	3836.2	3380.9	3066.6	2703.9	2325.1	2010.8	1793.2	1462.8	1067.9	668.9
42.5°	4863.8	4605.9	4194.9	3735.5	3352.7	2857.0	2454.1	2168.0	1889.9	1458.7	999.4
40°	5802.7	5496.5	5101.5	4654.3	4207.0	3574.3	2921.5	2575.0	2268.7	1885.9	1349.9
37.5°	7350.1	6810.1	6165.4	5669.7	5085.4	4549.5	3654.9	3042.4	2679.7	2280.8	1761.0
35°	9211.8	8619.4	7543.5	6886.7	6104.9	5307.1	4501.1	3594.5	3078.7	2655.5	2139.7
32.5°	10944.6	10078.2	8700.0	7930.4	7410.5	5939.7	5105.6	4319.8	3489.7	2969.9	2357.4
30°	11424.1	10469.1	9481.8	8583.2	7696.6	6507.9	5520.6	4908.1	4005.5	3159.3	2562.9
27.5°	10940.5	10283.7	9518.1	8683.9	7724.9	6705.4	5774.5	5190.2	4384.3	3288.2	2724.0
25°	10448.9	9763.9	9227.9	8530.8	7644.3	6693.3	5782.6	5367.5	4678.4	3538.0	2812.7
22.5°	9929.1	9501.9	9058.7	8281.0	7442.8	6729.5	6044.5	5520.6	4831.6	3820.1	2849.0
20°	9957.3	9679.2	9191.7	8152.0	7406.5	6943.1	6358.8	5714.1	4996.8	4065.9	2877.2
17.5°	10408.6	10045.9	9433.4	8530.8	7732.9	7160.7	6620.7	5980.0	5166.0	4283.5	3219.7
15°	10964.7	10412.6	9771.9	8978.1	8075.4	7398.5	6822.2	6165.4	5359.4	4485.0	3526.0
12.5°	11367.7	10581.9	9981.5	9264.2	8446.2	7656.4	6955.2	6306.4	5540.8	4650.2	3755.6
10°	11504.7	10791.4	10082.2	9441.5	8635.6	7793.4	7055.9	6395.1	5697.9	4779.2	3924.9
7.5°	11577.2	10972.8	10150.7	9522.1	8748.4	7878.0	7136.5	6443.4	5822.9	4867.8	4033.7
5°	11569.2	11069.5	10203.1	9546.3	8808.8	7914.3	7192.9	6455.5	5911.5	4944.4	4098.2
2.5°	11532.9	11133.9	10287.7	9586.6	8929.7	7982.8	7301.7	6479.7	5943.7	5029.0	4142.5
0°	11665.9	11138.0	10376.4	9598.6	9010.3	8006.9	7350.1	6459.5	5899.4	5053.2	4138.5
-2.5°	11379.8	10900.2	10356.2	9493.9	8901.5	7950.5	7261.4	6395.1	5802.7	5025.0	4122.3
-5°	11331.4	10727.0	10187.0	9397.2	8720.2	7833.7	7096.2	6274.2	5649.6	4932.3	4057.9
-7.5°	11202.5	10561.7	10021.8	9320.6	8550.9	7712.8	6939.1	6149.3	5484.4	4787.2	3965.2
-10°	10920.4	10307.9	9844.5	9155.4	8345.4	7539.5	6749.7	5984.0	5290.9	4589.8	3820.1
-12.5°	10517.4	9904.9	9445.5	8804.8	8087.5	7305.8	6524.0	5770.5	5069.3	4380.2	3646.8
-15°	10062.1	9441.5	8982.1	8397.8	7704.7	6943.1	6237.9	5500.5	4815.4	4158.6	3441.3
-17.5°	9546.3	8957.9	8514.7	7946.5	7257.4	6532.1	5830.9	5162.0	4521.3	3928.9	3203.6
-20°	8949.9	8377.7	7970.7	7402.5	6769.8	6064.6	5383.6	4751.0	4174.7	3618.6	2941.7

REPORT NUMBER: P722767

CATALOG NUMBER: IFLD-L-SA8A-950-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°	8212.4	7708.7	7245.3	6737.6	6185.5	5540.8	4908.1	4348.0	3795.9	3251.9	2671.7
-25°	7458.9	6971.3	6520.0	6056.6	5528.7	4972.6	4432.6	3924.9	3384.9	2893.3	2409.7
-27.5°	6620.7	6185.5	5782.6	5355.4	4871.9	4392.3	3949.1	3453.4	2986.0	2566.9	2151.8
-30°	5726.1	5371.5	5021.0	4642.2	4251.3	3848.3	3453.4	2986.0	2619.3	2284.8	1934.2
-32.5°	4867.8	4549.5	4267.4	3985.3	3646.8	3316.4	2965.8	2619.3	2313.0	2018.9	1724.7
-35°	4114.3	3775.8	3618.6	3393.0	3123.0	2824.8	2538.7	2296.9	2051.1	1785.1	1523.2
-37.5°	3461.5	3243.9	3058.5	2889.3	2675.7	2417.8	2212.3	2014.8	1809.3	1567.5	1341.9
-40°	2949.7	2792.6	2607.2	2482.3	2309.0	2123.6	1918.1	1752.9	1579.6	1382.2	1196.8
-42.5°	2538.7	2409.7	2288.8	2155.9	2026.9	1869.8	1692.5	1535.3	1378.1	1233.1	1079.9
-45°	2200.2	2107.5	2010.8	1902.0	1789.2	1652.2	1507.1	1345.9	1233.1	1104.1	975.2
-47.5°	1922.1	1853.6	1773.1	1688.4	1591.7	1470.8	1337.8	1221.0	1104.1	995.3	870.4
-50°	1700.5	1636.0	1571.6	1499.0	1414.4	1309.6	1208.9	1100.1	991.3	886.5	769.7
-52.5°	1515.2	1458.7	1406.4	1345.9	1265.3	1176.7	1084.0	987.3	886.5	781.8	689.1
-55°	1386.2	1321.7	1269.3	1208.9	1136.4	1051.7	967.1	878.5	781.8	701.2	624.6
-57.5°	1281.4	1208.9	1148.5	1084.0	1011.4	938.9	862.3	781.8	709.2	632.7	560.1
-60°	1192.8	1108.2	1039.7	975.2	906.7	838.2	773.7	705.2	636.7	568.2	495.6
-62.5°	1100.1	1011.4	926.8	866.4	814.0	753.5	697.1	632.7	572.2	503.7	451.3
-65°	995.3	910.7	830.1	777.7	729.4	677.0	624.6	568.2	515.8	463.4	415.1
-67.5°	878.5	805.9	749.5	701.2	652.8	608.5	560.1	511.8	467.4	415.1	366.7
-70°	737.4	697.1	664.9	628.6	584.3	544.0	499.7	455.4	407.0	362.7	318.3
-72.5°	628.6	604.4	580.3	544.0	503.7	467.4	431.2	390.9	350.6	310.3	274.0
-75°	515.8	495.6	475.5	451.3	419.1	390.9	358.6	322.4	290.1	261.9	233.7
-77.5°	415.1	398.9	386.8	366.7	342.5	318.3	298.2	274.0	249.8	221.6	193.4
-80°	330.4	322.4	318.3	310.3	290.1	270.0	253.9	233.7	209.5	189.4	169.2
-82.5°	257.9	257.9	253.9	249.8	233.7	217.6	205.5	189.4	173.3	157.2	137.0
-85°	189.4	185.4	185.4	181.3	169.2	161.2	149.1	141.0	128.9	112.8	104.8
-87.5°	112.8	108.8	104.8	100.7	92.7	88.7	80.6	76.6	68.5	60.4	56.4
-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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CATALOG NUMBER: IFLD-L-SA8A-950-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	12.1	8.1	8.1	8.1	8.1	8.1	4.0	4.0	4.0	4.0	4.0
82.5°	24.2	24.2	20.1	20.1	16.1	12.1	8.1	8.1	8.1	4.0	4.0
80°	36.3	36.3	36.3	32.2	28.2	20.1	16.1	12.1	8.1	4.0	4.0
77.5°	44.3	40.3	40.3	36.3	36.3	32.2	24.2	20.1	12.1	8.1	4.0
75°	44.3	44.3	44.3	40.3	40.3	36.3	32.2	24.2	20.1	12.1	8.1
72.5°	48.4	44.3	44.3	44.3	40.3	36.3	32.2	28.2	24.2	16.1	8.1
70°	44.3	44.3	44.3	44.3	40.3	40.3	32.2	28.2	28.2	16.1	12.1
67.5°	44.3	44.3	44.3	40.3	40.3	36.3	32.2	28.2	28.2	20.1	12.1
65°	48.4	44.3	44.3	44.3	40.3	36.3	32.2	28.2	28.2	24.2	16.1
62.5°	52.4	48.4	48.4	44.3	40.3	36.3	32.2	28.2	28.2	24.2	16.1
60°	56.4	52.4	48.4	48.4	44.3	40.3	32.2	32.2	28.2	24.2	16.1
57.5°	60.4	56.4	56.4	52.4	48.4	44.3	36.3	32.2	28.2	24.2	20.1
55°	72.5	64.5	60.4	60.4	56.4	48.4	40.3	32.2	28.2	24.2	20.1
52.5°	96.7	76.6	68.5	68.5	64.5	56.4	44.3	36.3	28.2	24.2	20.1
50°	153.1	96.7	80.6	72.5	72.5	64.5	52.4	40.3	28.2	24.2	20.1
47.5°	241.8	161.2	96.7	84.6	80.6	76.6	60.4	40.3	32.2	24.2	20.1
45°	398.9	237.7	157.2	100.7	84.6	80.6	68.5	44.3	32.2	28.2	20.1
42.5°	548.0	370.7	241.8	120.9	100.7	88.7	72.5	48.4	36.3	28.2	20.1
40°	862.3	507.7	338.5	197.5	116.9	92.7	80.6	56.4	36.3	28.2	20.1
37.5°	1168.6	673.0	455.4	290.1	133.0	104.8	84.6	60.4	40.3	28.2	24.2
35°	1474.9	942.9	564.2	386.8	177.3	124.9	88.7	64.5	40.3	28.2	24.2
32.5°	1748.9	1196.8	677.0	483.6	266.0	149.1	96.7	68.5	44.3	32.2	24.2
30°	1974.5	1430.5	878.5	568.2	346.6	181.3	104.8	68.5	48.4	32.2	24.2
27.5°	2143.8	1611.9	1084.0	656.8	415.1	213.6	120.9	76.6	48.4	32.2	24.2
25°	2280.8	1752.9	1265.3	749.5	475.5	266.0	145.1	80.6	52.4	36.3	24.2
22.5°	2389.6	1869.8	1414.4	874.4	548.0	318.3	177.3	88.7	52.4	36.3	24.2
20°	2538.7	1986.6	1515.2	1007.4	624.6	366.7	205.5	96.7	52.4	36.3	28.2
17.5°	2667.6	2103.5	1595.7	1120.2	701.2	403.0	237.7	104.8	56.4	36.3	28.2
15°	2816.7	2216.3	1668.3	1208.9	773.7	435.2	266.0	112.8	56.4	40.3	28.2
12.5°	2977.9	2321.1	1720.7	1281.4	850.3	463.4	290.1	128.9	60.4	40.3	28.2
10°	3143.1	2409.7	1765.0	1333.8	906.7	491.6	306.3	145.1	64.5	40.3	28.2
7.5°	3308.4	2490.3	1821.4	1358.0	930.9	523.9	314.3	161.2	64.5	44.3	28.2
5°	3421.2	2542.7	1902.0	1374.1	942.9	560.1	326.4	181.3	68.5	44.3	28.2
2.5°	3517.9	2575.0	1986.6	1386.2	947.0	580.3	322.4	193.4	72.5	44.3	28.2
0°	3562.2	2575.0	2043.0	1378.1	934.9	600.4	322.4	205.5	72.5	44.3	28.2
-2.5°	3493.7	2647.5	2026.9	1382.2	938.9	600.4	338.5	209.5	80.6	48.4	28.2
-5°	3384.9	2675.7	1978.6	1362.0	930.9	600.4	358.6	213.6	84.6	48.4	32.2
-7.5°	3280.1	2687.8	1922.1	1341.9	918.8	584.3	362.7	209.5	92.7	52.4	32.2
-10°	3143.1	2554.8	1849.6	1305.6	894.6	572.2	370.7	209.5	96.7	52.4	32.2
-12.5°	2986.0	2393.6	1761.0	1253.2	866.4	560.1	374.8	209.5	100.7	56.4	32.2
-15°	2804.6	2228.4	1660.2	1196.8	826.1	544.0	366.7	205.5	104.8	56.4	36.3
-17.5°	2599.1	2067.2	1555.4	1128.3	781.8	523.9	350.6	201.5	104.8	56.4	36.3
-20°	2365.4	1906.0	1438.6	1059.8	729.4	499.7	334.5	193.4	104.8	56.4	36.3



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CATALOG NUMBER: IFLD-L-SA8A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2155.9	1756.9	1317.7	983.2	673.0	471.5	314.3	185.4	104.8	60.4	36.3
-25°	1982.6	1611.9	1225.0	906.7	612.5	439.2	294.2	177.3	104.8	60.4	36.3
-27.5°	1801.3	1454.7	1128.3	834.1	572.2	411.0	274.0	169.2	100.7	60.4	36.3
-30°	1615.9	1301.6	1027.6	753.5	531.9	382.8	257.9	157.2	100.7	60.4	36.3
-32.5°	1446.6	1176.7	934.9	673.0	487.6	354.6	241.8	153.1	96.7	60.4	36.3
-35°	1281.4	1063.8	838.2	608.5	439.2	326.4	225.7	149.1	96.7	60.4	36.3
-37.5°	1144.4	959.1	749.5	564.2	411.0	302.2	209.5	141.0	92.7	60.4	36.3
-40°	1031.6	862.3	664.9	515.8	386.8	278.0	193.4	137.0	92.7	60.4	36.3
-42.5°	926.8	769.7	612.5	475.5	362.7	261.9	181.3	133.0	88.7	60.4	36.3
-45°	834.1	689.1	560.1	439.2	334.5	241.8	173.3	124.9	84.6	60.4	40.3
-47.5°	741.5	632.7	511.8	407.0	306.3	217.6	165.2	120.9	80.6	56.4	40.3
-50°	668.9	572.2	471.5	370.7	278.0	209.5	157.2	112.8	80.6	56.4	40.3
-52.5°	604.4	515.8	427.1	334.5	253.9	197.5	149.1	104.8	76.6	56.4	40.3
-55°	544.0	463.4	382.8	298.2	237.7	185.4	137.0	96.7	76.6	56.4	40.3
-57.5°	483.6	415.1	338.5	270.0	217.6	173.3	128.9	96.7	76.6	56.4	40.3
-60°	435.2	370.7	306.3	249.8	201.5	157.2	116.9	92.7	72.5	56.4	40.3
-62.5°	394.9	334.5	278.0	225.7	185.4	141.0	112.8	92.7	72.5	56.4	36.3
-65°	354.6	302.2	249.8	205.5	165.2	133.0	108.8	88.7	72.5	56.4	36.3
-67.5°	314.3	266.0	225.7	181.3	153.1	128.9	104.8	88.7	68.5	52.4	36.3
-70°	274.0	233.7	197.5	169.2	145.1	120.9	100.7	84.6	68.5	48.4	32.2
-72.5°	241.8	205.5	177.3	157.2	137.0	116.9	96.7	80.6	64.5	44.3	28.2
-75°	205.5	181.3	161.2	141.0	124.9	108.8	92.7	72.5	56.4	40.3	28.2
-77.5°	173.3	157.2	141.0	128.9	112.8	96.7	80.6	64.5	52.4	36.3	24.2
-80°	149.1	137.0	124.9	112.8	100.7	84.6	72.5	56.4	44.3	32.2	20.1
-82.5°	120.9	112.8	100.7	92.7	84.6	72.5	60.4	48.4	32.2	24.2	16.1
-85°	92.7	84.6	80.6	72.5	64.5	52.4	40.3	32.2	24.2	16.1	8.1
-87.5°	48.4	44.3	40.3	36.3	32.2	24.2	20.1	16.1	12.1	8.1	4.0
-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: P722767

CATALOG NUMBER: IFLD-L-SA8A-950-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	8.1	4.0	0.0	0.0
65°	8.1	4.0	0.0	0.0
62.5°	8.1	4.0	0.0	0.0
60°	8.1	4.0	0.0	0.0
57.5°	12.1	4.0	4.0	0.0
55°	12.1	4.0	4.0	0.0
52.5°	12.1	4.0	4.0	0.0
50°	12.1	8.1	4.0	0.0
47.5°	12.1	8.1	4.0	0.0
45°	12.1	8.1	4.0	0.0
42.5°	12.1	8.1	4.0	0.0
40°	16.1	8.1	4.0	0.0
37.5°	16.1	8.1	4.0	0.0
35°	16.1	8.1	4.0	0.0
32.5°	16.1	8.1	4.0	0.0
30°	16.1	8.1	4.0	0.0
27.5°	16.1	12.1	4.0	0.0
25°	16.1	12.1	4.0	0.0
22.5°	20.1	12.1	4.0	0.0
20°	20.1	12.1	4.0	0.0
17.5°	20.1	12.1	4.0	0.0
15°	20.1	12.1	4.0	0.0
12.5°	20.1	12.1	4.0	0.0
10°	20.1	12.1	4.0	0.0
7.5°	20.1	12.1	4.0	0.0
5°	20.1	12.1	4.0	0.0
2.5°	20.1	12.1	4.0	0.0
0°	20.1	12.1	4.0	0.0
-2.5°	20.1	12.1	4.0	0.0
-5°	20.1	12.1	4.0	0.0
-7.5°	20.1	12.1	4.0	0.0
-10°	20.1	12.1	4.0	0.0
-12.5°	24.2	12.1	4.0	0.0
-15°	24.2	12.1	4.0	0.0
-17.5°	24.2	12.1	4.0	0.0
-20°	24.2	12.1	4.0	0.0



REPORT NUMBER: P722767

CATALOG NUMBER: IFLD-L-SA8A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.2	12.1	4.0	0.0
-25°	24.2	12.1	4.0	0.0
-27.5°	24.2	12.1	4.0	0.0
-30°	24.2	12.1	4.0	0.0
-32.5°	24.2	12.1	4.0	0.0
-35°	24.2	12.1	4.0	0.0
-37.5°	24.2	12.1	4.0	0.0
-40°	24.2	12.1	4.0	0.0
-42.5°	20.1	12.1	4.0	0.0
-45°	24.2	12.1	4.0	0.0
-47.5°	24.2	12.1	4.0	0.0
-50°	24.2	12.1	4.0	0.0
-52.5°	24.2	12.1	4.0	0.0
-55°	24.2	12.1	4.0	0.0
-57.5°	24.2	12.1	4.0	0.0
-60°	24.2	12.1	4.0	0.0
-62.5°	20.1	12.1	4.0	0.0
-65°	20.1	8.1	4.0	0.0
-67.5°	20.1	8.1	4.0	0.0
-70°	20.1	8.1	4.0	0.0
-72.5°	16.1	8.1	4.0	0.0
-75°	16.1	8.1	4.0	0.0
-77.5°	12.1	4.0	0.0	0.0
-80°	12.1	4.0	0.0	0.0
-82.5°	8.1	4.0	0.0	0.0
-85°	4.0	4.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)