

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: P722622

Luminaire Tested: **IFLD-L-SA8A-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722622
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

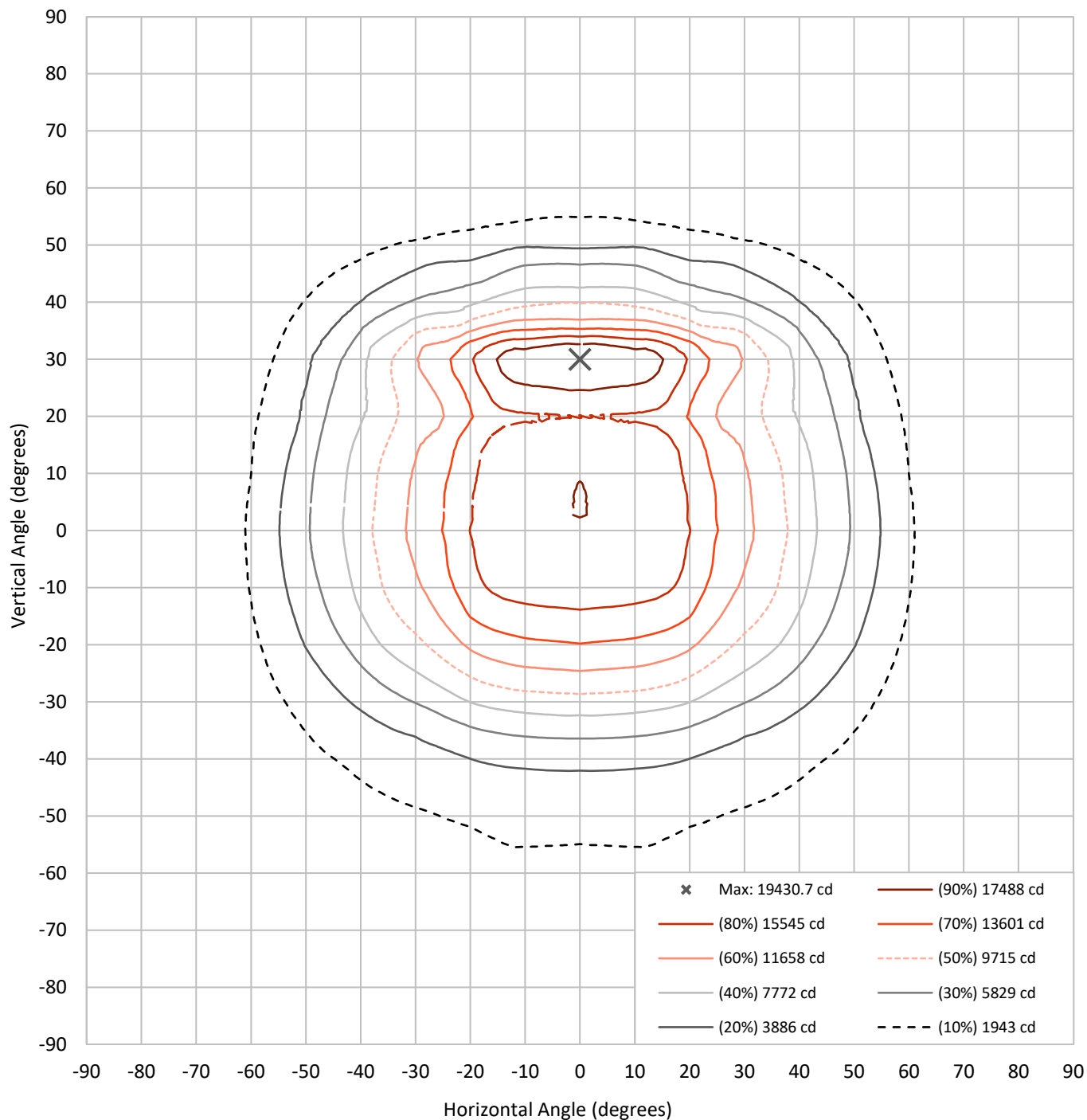
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27833.2 lumens	Max Intensity:	19430.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	17756.4 lumens	Field Lumens:	26240.5 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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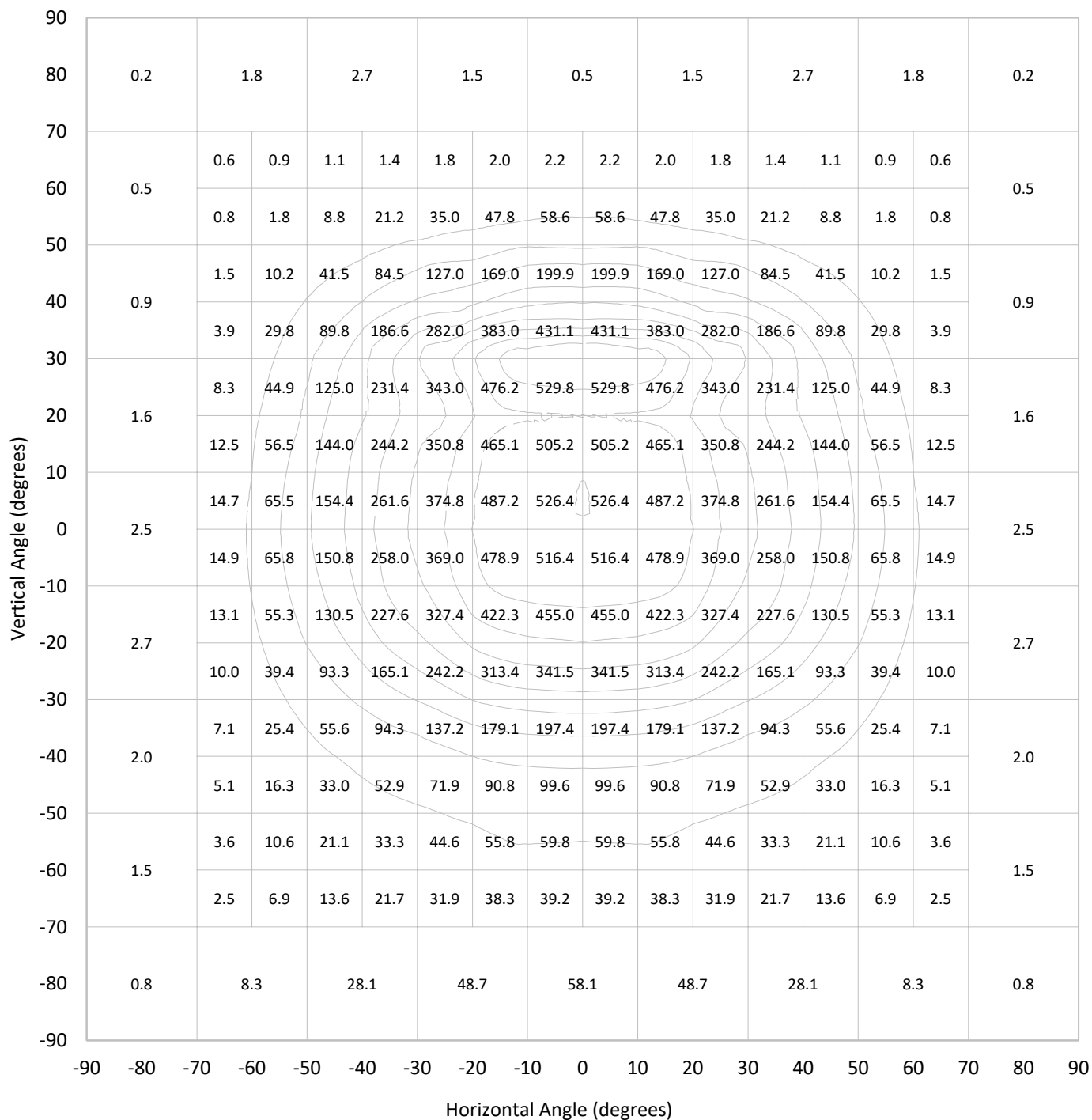
Iso-Candela Plot



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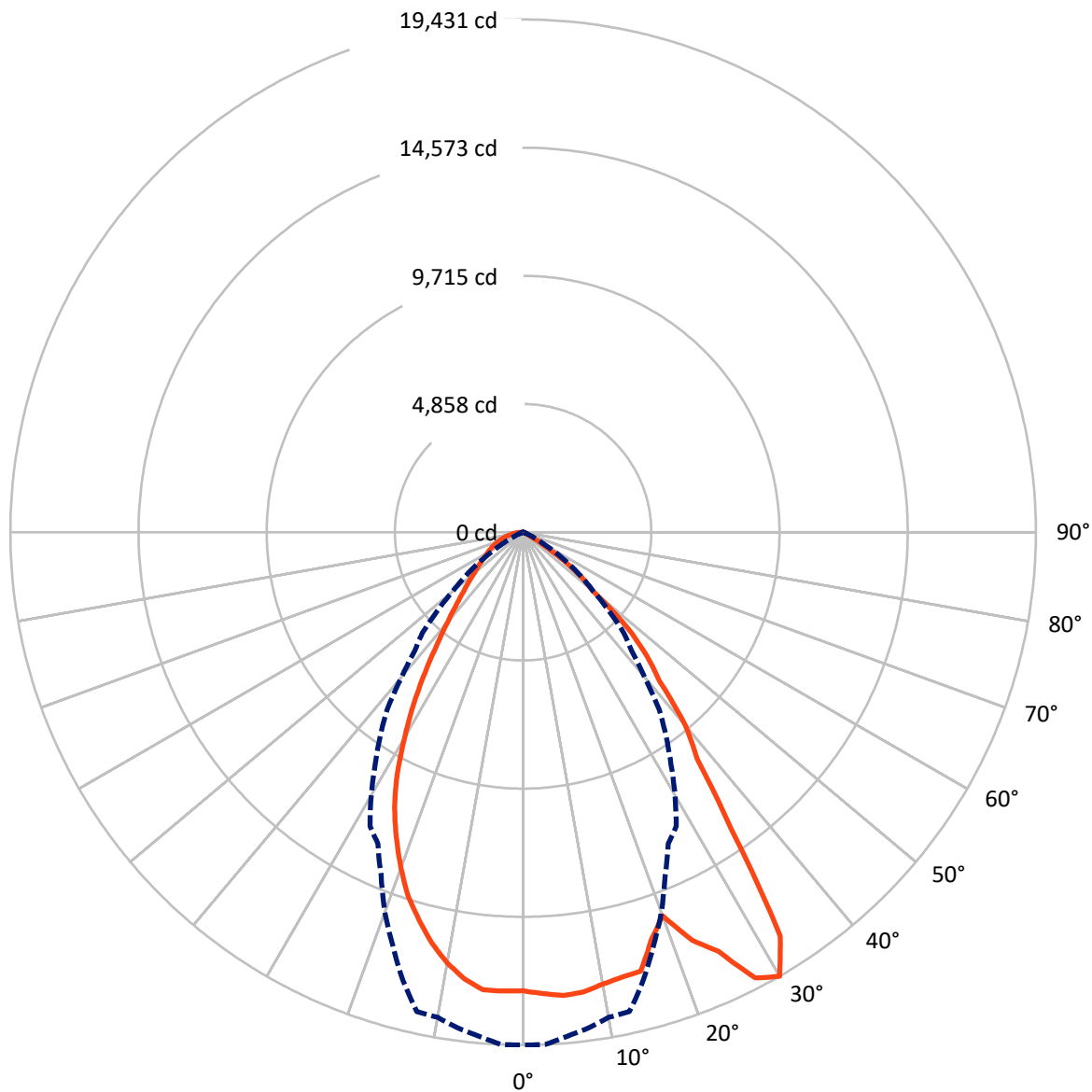
Lumen Table



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Luminous Intensity Polar Plot

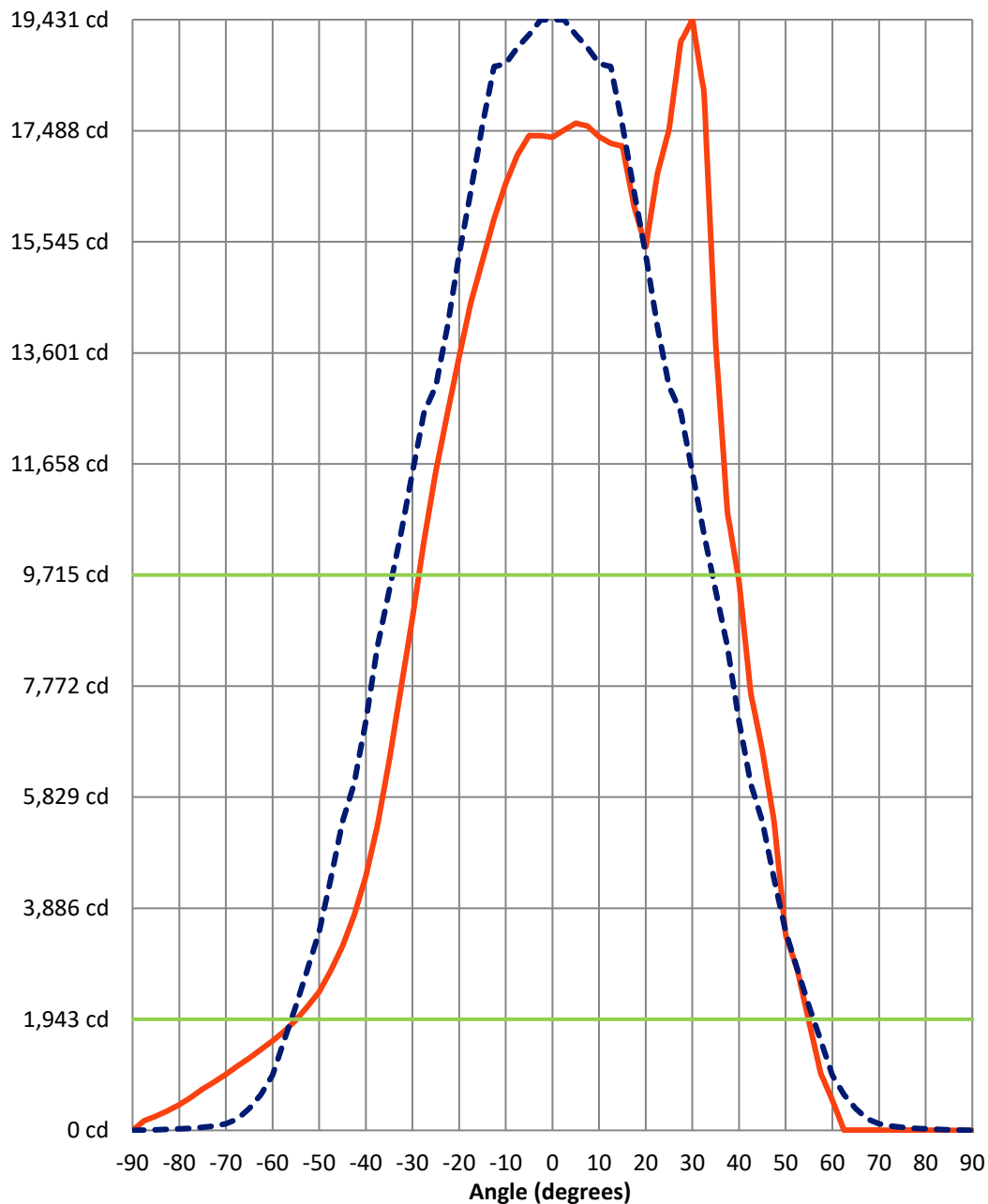


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17756.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 26240.5

Efficiency: 94.3%

Spill:

Lumens: 1592.7

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	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	4.4	8.9	8.9	8.9	8.9	8.9	8.9	13.3
82.5°	0.0	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	17.7
80°	4.4	4.4	4.4	4.4	8.9	8.9	8.9	13.3	13.3	17.7	17.7
77.5°	4.4	4.4	4.4	8.9	8.9	8.9	13.3	13.3	17.7	17.7	22.2
75°	4.4	4.4	4.4	8.9	8.9	13.3	13.3	13.3	17.7	17.7	22.2
72.5°	0.0	4.4	4.4	8.9	8.9	13.3	13.3	13.3	17.7	17.7	17.7
70°	4.4	4.4	4.4	8.9	8.9	13.3	13.3	13.3	17.7	17.7	17.7
67.5°	4.4	4.4	4.4	8.9	8.9	13.3	13.3	17.7	17.7	17.7	22.2
65°	4.4	4.4	4.4	8.9	13.3	13.3	17.7	22.2	22.2	26.6	31.0
62.5°	4.4	8.9	8.9	13.3	17.7	22.2	48.7	75.3	75.3	53.2	44.3
60°	527.3	571.6	567.2	514.0	447.5	376.6	363.4	350.1	323.5	283.6	296.9
57.5°	1001.4	1054.6	1076.8	1063.5	1028.0	966.0	930.5	890.7	837.5	775.5	704.6
55°	1896.5	1918.7	1870.0	1776.9	1675.0	1573.1	1537.6	1484.4	1404.7	1324.9	1218.6
52.5°	2804.9	2880.3	2858.1	2765.1	2627.7	2446.0	2246.6	2091.5	1998.5	1909.8	1803.5
50°	3425.3	3456.3	3518.4	3629.1	3669.0	3544.9	3221.5	2804.9	2508.0	2658.7	2543.5
47.5°	5406.0	5561.1	5530.1	5450.3	5317.4	4980.6	4528.7	4156.4	3846.3	3744.3	3762.1
45°	6642.3	6704.4	6682.2	6646.8	6584.7	6270.1	5769.4	5197.8	4909.7	4794.5	4674.9
42.5°	7657.1	7723.5	7736.8	7741.3	7674.8	7386.8	6934.8	6363.2	6075.1	5742.8	5481.4
40°	9593.5	9691.0	9580.2	9434.0	9212.4	8884.5	8441.4	7914.1	7404.5	6996.8	6686.6
37.5°	10829.8	10949.4	10993.7	10984.9	10936.1	10794.3	10249.3	9748.6	8968.7	8055.9	8219.8
35°	13763.2	13887.3	13851.9	13718.9	13648.0	13497.4	12965.6	12371.8	11392.6	10400.0	10134.1
32.5°	18136.8	18407.1	17901.9	17348.1	17006.9	17126.5	16585.9	15132.5	14680.5	12890.3	12061.7
30°	19430.7	19426.3	19169.3	18943.3	18664.1	18606.5	17587.3	16426.4	15318.6	14064.6	13018.8
27.5°	19036.3	18956.6	18739.4	18575.5	18314.0	18176.7	17179.7	16258.0	14977.4	13856.3	12846.0
25°	17516.4	17578.5	17356.9	17325.9	17224.0	16958.1	16461.8	15424.9	14281.7	13040.9	12314.2
22.5°	16732.1	16710.0	16444.1	16289.0	16413.1	16129.5	15930.1	14884.3	13692.3	12646.6	11773.6
20°	15455.9	15460.4	15393.9	15380.6	15305.3	15176.8	15017.3	14277.2	13435.3	12540.2	11490.0
17.5°	16169.4	16351.0	16430.8	15770.6	15956.7	15810.4	15642.0	14609.6	13975.9	13182.7	11813.5
15°	17215.1	17148.6	17068.9	17033.4	16931.5	16794.2	16488.4	15664.2	14574.1	13754.4	12686.5
12.5°	17268.3	17139.8	17108.8	17104.3	16998.0	16807.4	16510.6	15828.2	14862.2	13865.1	12996.6
10°	17383.5	17250.6	17232.8	17255.0	17091.0	16971.4	16674.5	16040.9	14950.8	14055.7	13235.9
7.5°	17569.6	17348.1	17450.0	17383.5	17308.2	17117.6	16798.6	16178.2	15274.3	14308.3	13448.6
5°	17618.4	17374.6	17485.4	17423.4	17312.6	17126.5	16780.9	16266.8	15473.7	14410.2	13532.8
2.5°	17498.7	17427.8	17379.1	17263.9	17215.1	17011.3	16683.4	16133.9	15380.6	14365.9	13515.1
0°	17374.6	17436.7	17325.9	17210.7	17188.5	17024.6	16745.4	16249.1	15597.7	14489.9	13665.7
-2.5°	17401.2	17352.5	17277.2	17157.5	17042.3	16807.4	16554.9	16089.6	15389.5	14219.6	13453.0
-5°	17401.2	17175.2	17184.1	17188.5	17073.3	16829.6	16523.9	16129.5	15265.4	14215.2	13391.0
-7.5°	17064.5	16869.5	16838.5	16811.9	16780.9	16554.9	16315.6	15823.7	15057.1	14100.0	13218.2
-10°	16568.2	16377.6	16395.3	16355.5	16258.0	16107.3	15925.6	15482.5	14853.3	13736.6	12868.1
-12.5°	15947.8	15863.6	15814.9	15748.4	15650.9	15518.0	15331.9	14915.3	14241.8	13289.1	12464.9
-15°	15212.2	15150.2	15105.9	15066.0	14924.2	14786.8	14543.1	14157.6	13736.6	12713.0	11871.1
-17.5°	14476.7	14321.6	14259.5	14206.3	14113.3	13891.7	13670.2	13382.1	12792.8	11981.9	11259.6
-20°	13532.8	13439.8	13364.4	13293.5	13160.6	12987.8	12806.1	12473.8	11964.2	11308.4	10559.5

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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°	12544.7	12491.5	12429.4	12340.8	12252.2	12088.2	11835.7	11516.6	11117.8	10408.8	9708.7
-25°	11525.5	11423.6	11348.2	11264.0	11193.1	11042.5	10798.8	10493.0	9992.3	9380.8	8795.9
-27.5°	10324.6	10227.2	10187.3	10089.8	10027.8	9890.4	9646.7	9363.1	8911.1	8397.1	7803.3
-30°	8968.7	8986.4	8942.1	8849.1	8773.7	8596.5	8410.4	8171.1	7816.6	7324.7	6793.0
-32.5°	7714.7	7736.8	7683.7	7586.2	7488.7	7360.2	7187.4	6970.2	6704.4	6234.7	5773.8
-35°	6460.7	6451.8	6407.5	6349.9	6283.4	6177.1	5982.1	5818.1	5512.4	5184.5	4865.4
-37.5°	5335.1	5357.3	5344.0	5313.0	5237.6	5149.0	4989.5	4838.8	4612.9	4324.8	4076.7
-40°	4444.5	4471.1	4453.3	4422.3	4355.8	4302.7	4196.3	4063.4	3881.7	3633.6	3425.3
-42.5°	3762.1	3779.8	3757.6	3731.0	3673.4	3633.6	3549.4	3438.6	3287.9	3097.4	2911.3
-45°	3221.5	3225.9	3203.7	3186.0	3141.7	3093.0	3022.1	2933.4	2813.8	2680.9	2530.2
-47.5°	2796.1	2791.6	2769.5	2751.8	2716.3	2672.0	2614.4	2534.6	2441.6	2339.7	2220.0
-50°	2423.9	2446.0	2437.1	2419.4	2392.8	2361.8	2304.2	2220.0	2127.0	2051.6	1967.4
-52.5°	2166.8	2171.3	2166.8	2166.8	2162.4	2140.3	2073.8	1989.6	1887.7	1821.2	1750.3
-55°	1927.6	1949.7	1958.6	1967.4	1971.9	1971.9	1892.1	1803.5	1706.0	1639.5	1586.4
-57.5°	1732.6	1745.9	1754.7	1776.9	1794.6	1807.9	1737.0	1657.3	1581.9	1519.9	1471.2
-60°	1564.2	1581.9	1595.2	1617.4	1630.7	1639.5	1595.2	1542.0	1497.7	1457.9	1387.0
-62.5°	1413.5	1426.8	1440.1	1453.4	1466.7	1475.6	1457.9	1431.3	1409.1	1391.4	1302.8
-65°	1262.9	1276.2	1289.5	1307.2	1320.5	1329.4	1324.9	1307.2	1289.5	1271.7	1192.0
-67.5°	1125.5	1138.8	1156.5	1161.0	1169.8	1174.3	1165.4	1152.1	1129.9	1107.8	1045.8
-70°	979.3	988.2	997.0	997.0	997.0	992.6	983.7	966.0	943.8	912.8	864.1
-72.5°	846.4	855.2	864.1	850.8	841.9	828.6	815.3	793.2	771.0	748.9	722.3
-75°	722.3	726.7	726.7	709.0	695.7	682.4	664.7	651.4	629.2	611.5	589.3
-77.5°	576.1	576.1	576.1	562.8	553.9	545.0	531.7	518.4	500.7	487.4	469.7
-80°	447.5	447.5	447.5	443.1	429.8	421.0	412.1	403.2	389.9	381.1	372.2
-82.5°	341.2	341.2	341.2	336.8	327.9	323.5	314.6	305.8	301.3	292.5	288.0
-85°	248.1	252.6	252.6	248.1	243.7	234.9	230.4	226.0	221.6	217.1	208.3
-87.5°	168.4	168.4	168.4	164.0	159.5	159.5	155.1	146.2	137.4	132.9	128.5
-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):

	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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	13.3	13.3	13.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	13.3
82.5°	22.2	22.2	26.6	26.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0
80°	22.2	26.6	31.0	35.4	39.9	44.3	44.3	44.3	44.3	39.9	39.9
77.5°	26.6	26.6	31.0	35.4	39.9	44.3	48.7	53.2	48.7	48.7	48.7
75°	26.6	31.0	31.0	35.4	39.9	44.3	48.7	53.2	53.2	53.2	53.2
72.5°	22.2	26.6	31.0	35.4	35.4	39.9	44.3	44.3	48.7	48.7	53.2
70°	22.2	26.6	31.0	31.0	35.4	35.4	39.9	44.3	44.3	48.7	48.7
67.5°	26.6	31.0	31.0	35.4	39.9	39.9	39.9	44.3	44.3	48.7	48.7
65°	31.0	35.4	35.4	39.9	44.3	44.3	48.7	48.7	48.7	53.2	53.2
62.5°	53.2	53.2	53.2	48.7	53.2	53.2	53.2	57.6	57.6	53.2	57.6
60°	274.7	199.4	137.4	172.8	155.1	70.9	70.9	70.9	66.5	66.5	62.0
57.5°	647.0	602.6	518.4	438.7	394.4	350.1	217.1	88.6	88.6	79.8	70.9
55°	1081.2	935.0	872.9	766.6	651.4	598.2	496.3	336.8	159.5	106.3	93.1
52.5°	1675.0	1537.6	1378.1	1161.0	1005.9	881.8	797.6	633.7	425.4	226.0	141.8
50°	2242.2	2180.1	2082.7	1870.0	1546.5	1338.2	1200.8	1014.7	762.2	465.3	265.9
47.5°	3611.4	3093.0	2778.3	2614.4	2344.1	1949.7	1683.8	1475.6	1169.8	784.3	469.7
45°	4546.4	4218.5	3717.8	3372.1	2973.3	2556.8	2211.2	1971.9	1608.5	1174.3	735.6
42.5°	5348.4	5064.8	4612.9	4107.7	3686.7	3141.7	2698.6	2384.0	2078.2	1604.1	1098.9
40°	6380.9	6044.1	5609.9	5118.0	4626.1	3930.5	3212.6	2831.5	2494.8	2073.8	1484.4
37.5°	8082.5	7488.7	6779.7	6234.7	5592.1	5002.8	4019.1	3345.5	2946.7	2508.0	1936.4
35°	10129.7	9478.3	8295.2	7572.9	6713.2	5835.9	4949.6	3952.6	3385.4	2920.1	2353.0
32.5°	12035.1	11082.4	9566.9	8720.6	8148.9	6531.6	5614.3	4750.2	3837.4	3265.8	2592.2
30°	12562.4	11512.2	10426.6	9438.4	8463.5	7156.3	6070.7	5397.2	4404.6	3474.0	2818.2
27.5°	12030.6	11308.4	10466.4	9549.2	8494.6	7373.5	6349.9	5707.4	4821.1	3615.8	2995.5
25°	11490.0	10736.7	10147.4	9380.8	8405.9	7360.2	6358.7	5902.3	5144.6	3890.6	3093.0
22.5°	10918.4	10448.7	9961.3	9106.1	8184.4	7400.1	6646.8	6070.7	5313.0	4200.8	3132.8
20°	10949.4	10643.7	10107.5	8964.3	8144.5	7634.9	6992.4	6283.4	5494.7	4471.1	3163.9
17.5°	11445.7	11046.9	10373.4	9380.8	8503.4	7874.2	7280.4	6575.9	5680.8	4710.3	3540.5
15°	12057.2	11450.2	10745.6	9872.7	8880.1	8135.6	7502.0	6779.7	5893.5	4931.9	3877.3
12.5°	12500.3	11636.3	10976.0	10187.3	9287.7	8419.2	7648.2	6934.8	6092.9	5113.6	4129.9
10°	12651.0	11866.7	11086.8	10382.2	9496.0	8569.9	7759.0	7032.3	6265.7	5255.4	4316.0
7.5°	12730.8	12066.1	11162.1	10470.9	9620.1	8662.9	7847.6	7085.4	6403.0	5352.9	4435.6
5°	12721.9	12172.4	11219.7	10497.5	9686.5	8702.8	7909.6	7098.7	6500.5	5437.1	4506.5
2.5°	12682.0	12243.3	11312.8	10541.8	9819.5	8778.2	8029.3	7125.3	6536.0	5530.1	4555.2
0°	12828.3	12247.8	11410.3	10555.1	9908.1	8804.7	8082.5	7103.2	6487.2	5556.7	4550.8
-2.5°	12513.6	11986.3	11388.1	10439.8	9788.5	8742.7	7985.0	7032.3	6380.9	5525.7	4533.1
-5°	12460.5	11795.8	11202.0	10333.5	9589.1	8614.2	7803.3	6899.3	6212.5	5423.8	4462.2
-7.5°	12318.7	11614.1	11020.3	10249.3	9403.0	8481.3	7630.5	6762.0	6030.8	5264.2	4360.3
-10°	12008.5	11334.9	10825.4	10067.6	9177.0	8290.7	7422.2	6580.3	5818.1	5047.1	4200.8
-12.5°	11565.4	10891.8	10386.7	9682.1	8893.4	8033.7	7174.1	6345.4	5574.4	4816.7	4010.2
-15°	11064.6	10382.2	9877.1	9234.6	8472.4	7634.9	6859.5	6048.6	5295.3	4573.0	3784.2
-17.5°	10497.5	9850.5	9363.1	8738.3	7980.5	7182.9	6411.9	5676.3	4971.8	4320.4	3522.8
-20°	9841.6	9212.4	8764.9	8140.1	7444.4	6668.9	5920.1	5224.4	4590.7	3979.2	3234.8



REPORT NUMBER: P722622

CATALOG NUMBER: IFLD-L-SA8A-830-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°	9030.7	8476.8	7967.3	7408.9	6801.9	6092.9	5397.2	4781.2	4174.2	3576.0	2937.9
-25°	8202.1	7665.9	7169.6	6660.1	6079.6	5468.1	4874.3	4316.0	3722.2	3181.6	2649.8
-27.5°	7280.4	6801.9	6358.7	5889.0	5357.3	4830.0	4342.6	3797.5	3283.5	2822.7	2366.2
-30°	6296.7	5906.8	5521.2	5104.7	4674.9	4231.8	3797.5	3283.5	2880.3	2512.5	2127.0
-32.5°	5352.9	5002.8	4692.6	4382.4	4010.2	3646.9	3261.3	2880.3	2543.5	2220.0	1896.5
-35°	4524.2	4152.0	3979.2	3731.0	3434.2	3106.3	2791.6	2525.8	2255.5	1963.0	1675.0
-37.5°	3806.4	3567.1	3363.3	3177.2	2942.3	2658.7	2432.7	2215.6	1989.6	1723.7	1475.6
-40°	3243.6	3070.8	2867.0	2729.6	2539.1	2335.2	2109.2	1927.6	1737.0	1519.9	1316.1
-42.5°	2791.6	2649.8	2516.9	2370.7	2228.9	2056.1	1861.1	1688.3	1515.5	1355.9	1187.6
-45°	2419.4	2317.5	2211.2	2091.5	1967.4	1816.8	1657.3	1480.0	1355.9	1214.1	1072.3
-47.5°	2113.7	2038.3	1949.7	1856.7	1750.3	1617.4	1471.2	1342.6	1214.1	1094.5	957.1
-50°	1870.0	1799.1	1728.2	1648.4	1555.3	1440.1	1329.4	1209.7	1090.1	974.9	846.4
-52.5°	1666.1	1604.1	1546.5	1480.0	1391.4	1293.9	1192.0	1085.6	974.9	859.6	757.7
-55°	1524.3	1453.4	1395.8	1329.4	1249.6	1156.5	1063.5	966.0	859.6	771.0	686.8
-57.5°	1409.1	1329.4	1262.9	1192.0	1112.2	1032.5	948.3	859.6	779.9	695.7	615.9
-60°	1311.6	1218.6	1143.2	1072.3	997.0	921.7	850.8	775.5	700.1	624.8	545.0
-62.5°	1209.7	1112.2	1019.2	952.7	895.1	828.6	766.6	695.7	629.2	553.9	496.3
-65°	1094.5	1001.4	912.8	855.2	802.0	744.4	686.8	624.8	567.2	509.6	456.4
-67.5°	966.0	886.2	824.2	771.0	717.9	669.1	615.9	562.8	514.0	456.4	403.2
-70°	810.9	766.6	731.1	691.3	642.5	598.2	549.5	500.7	447.5	398.8	350.1
-72.5°	691.3	664.7	638.1	598.2	553.9	514.0	474.1	429.8	385.5	341.2	301.3
-75°	567.2	545.0	522.9	496.3	460.8	429.8	394.4	354.5	319.0	288.0	257.0
-77.5°	456.4	438.7	425.4	403.2	376.6	350.1	327.9	301.3	274.7	243.7	212.7
-80°	363.4	354.5	350.1	341.2	319.0	296.9	279.2	257.0	230.4	208.3	186.1
-82.5°	283.6	283.6	279.2	274.7	257.0	239.3	226.0	208.3	190.5	172.8	150.7
-85°	208.3	203.8	203.8	199.4	186.1	177.2	164.0	155.1	141.8	124.1	115.2
-87.5°	124.1	119.6	115.2	110.8	101.9	97.5	88.6	84.2	75.3	66.5	62.0
-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-830-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	13.3	8.9	8.9	8.9	8.9	8.9	4.4	4.4	4.4	4.4	4.4
82.5°	26.6	26.6	22.2	22.2	17.7	13.3	8.9	8.9	8.9	4.4	4.4
80°	39.9	39.9	39.9	35.4	31.0	22.2	17.7	13.3	8.9	4.4	4.4
77.5°	48.7	44.3	44.3	39.9	39.9	35.4	26.6	22.2	13.3	8.9	4.4
75°	48.7	48.7	48.7	44.3	44.3	39.9	35.4	26.6	22.2	13.3	8.9
72.5°	53.2	48.7	48.7	48.7	44.3	39.9	35.4	31.0	26.6	17.7	8.9
70°	48.7	48.7	48.7	48.7	44.3	44.3	35.4	31.0	31.0	17.7	13.3
67.5°	48.7	48.7	48.7	44.3	44.3	39.9	35.4	31.0	31.0	22.2	13.3
65°	53.2	48.7	48.7	48.7	44.3	39.9	35.4	31.0	31.0	26.6	17.7
62.5°	57.6	53.2	53.2	48.7	44.3	39.9	35.4	31.0	31.0	26.6	17.7
60°	62.0	57.6	53.2	53.2	48.7	44.3	35.4	35.4	31.0	26.6	17.7
57.5°	66.5	62.0	62.0	57.6	53.2	48.7	39.9	35.4	31.0	26.6	22.2
55°	79.8	70.9	66.5	66.5	62.0	53.2	44.3	35.4	31.0	26.6	22.2
52.5°	106.3	84.2	75.3	75.3	70.9	62.0	48.7	39.9	31.0	26.6	22.2
50°	168.4	106.3	88.6	79.8	79.8	70.9	57.6	44.3	31.0	26.6	22.2
47.5°	265.9	177.2	106.3	93.1	88.6	84.2	66.5	44.3	35.4	26.6	22.2
45°	438.7	261.4	172.8	110.8	93.1	88.6	75.3	48.7	35.4	31.0	22.2
42.5°	602.6	407.7	265.9	132.9	110.8	97.5	79.8	53.2	39.9	31.0	22.2
40°	948.3	558.3	372.2	217.1	128.5	101.9	88.6	62.0	39.9	31.0	22.2
37.5°	1285.0	740.0	500.7	319.0	146.2	115.2	93.1	66.5	44.3	31.0	26.6
35°	1621.8	1036.9	620.4	425.4	195.0	137.4	97.5	70.9	44.3	31.0	26.6
32.5°	1923.1	1316.1	744.4	531.7	292.5	164.0	106.3	75.3	48.7	35.4	26.6
30°	2171.3	1573.1	966.0	624.8	381.1	199.4	115.2	75.3	53.2	35.4	26.6
27.5°	2357.4	1772.5	1192.0	722.3	456.4	234.9	132.9	84.2	53.2	35.4	26.6
25°	2508.0	1927.6	1391.4	824.2	522.9	292.5	159.5	88.6	57.6	39.9	26.6
22.5°	2627.7	2056.1	1555.3	961.6	602.6	350.1	195.0	97.5	57.6	39.9	26.6
20°	2791.6	2184.6	1666.1	1107.8	686.8	403.2	226.0	106.3	57.6	39.9	31.0
17.5°	2933.4	2313.1	1754.7	1231.9	771.0	443.1	261.4	115.2	62.0	39.9	31.0
15°	3097.4	2437.1	1834.5	1329.4	850.8	478.6	292.5	124.1	62.0	44.3	31.0
12.5°	3274.6	2552.4	1892.1	1409.1	935.0	509.6	319.0	141.8	66.5	44.3	31.0
10°	3456.3	2649.8	1940.9	1466.7	997.0	540.6	336.8	159.5	70.9	44.3	31.0
7.5°	3638.0	2738.5	2002.9	1493.3	1023.6	576.1	345.6	177.2	70.9	48.7	31.0
5°	3762.1	2796.1	2091.5	1511.0	1036.9	615.9	358.9	199.4	75.3	48.7	31.0
2.5°	3868.4	2831.5	2184.6	1524.3	1041.3	638.1	354.5	212.7	79.8	48.7	31.0
0°	3917.2	2831.5	2246.6	1515.5	1028.0	660.2	354.5	226.0	79.8	48.7	31.0
-2.5°	3841.8	2911.3	2228.9	1519.9	1032.5	660.2	372.2	230.4	88.6	53.2	31.0
-5°	3722.2	2942.3	2175.7	1497.7	1023.6	660.2	394.4	234.9	93.1	53.2	35.4
-7.5°	3607.0	2955.6	2113.7	1475.6	1010.3	642.5	398.8	230.4	101.9	57.6	35.4
-10°	3456.3	2809.4	2033.9	1435.7	983.7	629.2	407.7	230.4	106.3	57.6	35.4
-12.5°	3283.5	2632.1	1936.4	1378.1	952.7	615.9	412.1	230.4	110.8	62.0	35.4
-15°	3084.1	2450.4	1825.6	1316.1	908.4	598.2	403.2	226.0	115.2	62.0	39.9
-17.5°	2858.1	2273.2	1710.4	1240.7	859.6	576.1	385.5	221.6	115.2	62.0	39.9
-20°	2601.1	2095.9	1581.9	1165.4	802.0	549.5	367.8	212.7	115.2	62.0	39.9



REPORT NUMBER: P722622

CATALOG NUMBER: IFLD-L-SA8A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2370.7	1932.0	1449.0	1081.2	740.0	518.4	345.6	203.8	115.2	66.5	39.9
-25°	2180.1	1772.5	1347.1	997.0	673.5	483.0	323.5	195.0	115.2	66.5	39.9
-27.5°	1980.7	1599.7	1240.7	917.3	629.2	452.0	301.3	186.1	110.8	66.5	39.9
-30°	1776.9	1431.3	1129.9	828.6	584.9	421.0	283.6	172.8	110.8	66.5	39.9
-32.5°	1590.8	1293.9	1028.0	740.0	536.2	389.9	265.9	168.4	106.3	66.5	39.9
-35°	1409.1	1169.8	921.7	669.1	483.0	358.9	248.1	164.0	106.3	66.5	39.9
-37.5°	1258.5	1054.6	824.2	620.4	452.0	332.3	230.4	155.1	101.9	66.5	39.9
-40°	1134.4	948.3	731.1	567.2	425.4	305.8	212.7	150.7	101.9	66.5	39.9
-42.5°	1019.2	846.4	673.5	522.9	398.8	288.0	199.4	146.2	97.5	66.5	39.9
-45°	917.3	757.7	615.9	483.0	367.8	265.9	190.5	137.4	93.1	66.5	44.3
-47.5°	815.3	695.7	562.8	447.5	336.8	239.3	181.7	132.9	88.6	62.0	44.3
-50°	735.6	629.2	518.4	407.7	305.8	230.4	172.8	124.1	88.6	62.0	44.3
-52.5°	664.7	567.2	469.7	367.8	279.2	217.1	164.0	115.2	84.2	62.0	44.3
-55°	598.2	509.6	421.0	327.9	261.4	203.8	150.7	106.3	84.2	62.0	44.3
-57.5°	531.7	456.4	372.2	296.9	239.3	190.5	141.8	106.3	84.2	62.0	44.3
-60°	478.6	407.7	336.8	274.7	221.6	172.8	128.5	101.9	79.8	62.0	44.3
-62.5°	434.3	367.8	305.8	248.1	203.8	155.1	124.1	101.9	79.8	62.0	39.9
-65°	389.9	332.3	274.7	226.0	181.7	146.2	119.6	97.5	79.8	62.0	39.9
-67.5°	345.6	292.5	248.1	199.4	168.4	141.8	115.2	97.5	75.3	57.6	39.9
-70°	301.3	257.0	217.1	186.1	159.5	132.9	110.8	93.1	75.3	53.2	35.4
-72.5°	265.9	226.0	195.0	172.8	150.7	128.5	106.3	88.6	70.9	48.7	31.0
-75°	226.0	199.4	177.2	155.1	137.4	119.6	101.9	79.8	62.0	44.3	31.0
-77.5°	190.5	172.8	155.1	141.8	124.1	106.3	88.6	70.9	57.6	39.9	26.6
-80°	164.0	150.7	137.4	124.1	110.8	93.1	79.8	62.0	48.7	35.4	22.2
-82.5°	132.9	124.1	110.8	101.9	93.1	79.8	66.5	53.2	35.4	26.6	17.7
-85°	101.9	93.1	88.6	79.8	70.9	57.6	44.3	35.4	26.6	17.7	8.9
-87.5°	53.2	48.7	44.3	39.9	35.4	26.6	22.2	17.7	13.3	8.9	4.4
-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: P722622

CATALOG NUMBER: IFLD-L-SA8A-830-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	8.9	4.4	0.0	0.0
65°	8.9	4.4	0.0	0.0
62.5°	8.9	4.4	0.0	0.0
60°	8.9	4.4	0.0	0.0
57.5°	13.3	4.4	4.4	0.0
55°	13.3	4.4	4.4	0.0
52.5°	13.3	4.4	4.4	0.0
50°	13.3	8.9	4.4	0.0
47.5°	13.3	8.9	4.4	0.0
45°	13.3	8.9	4.4	0.0
42.5°	13.3	8.9	4.4	0.0
40°	17.7	8.9	4.4	0.0
37.5°	17.7	8.9	4.4	0.0
35°	17.7	8.9	4.4	0.0
32.5°	17.7	8.9	4.4	0.0
30°	17.7	13.3	4.4	0.0
27.5°	17.7	13.3	4.4	0.0
25°	17.7	13.3	4.4	0.0
22.5°	22.2	13.3	4.4	0.0
20°	22.2	13.3	4.4	0.0
17.5°	22.2	13.3	4.4	0.0
15°	22.2	13.3	4.4	0.0
12.5°	22.2	13.3	4.4	0.0
10°	22.2	13.3	4.4	0.0
7.5°	22.2	13.3	4.4	0.0
5°	22.2	13.3	4.4	0.0
2.5°	22.2	13.3	4.4	0.0
0°	22.2	13.3	4.4	0.0
-2.5°	22.2	13.3	4.4	0.0
-5°	22.2	13.3	4.4	0.0
-7.5°	22.2	13.3	4.4	0.0
-10°	22.2	13.3	4.4	0.0
-12.5°	26.6	13.3	4.4	0.0
-15°	26.6	13.3	4.4	0.0
-17.5°	26.6	13.3	4.4	0.0
-20°	26.6	13.3	4.4	0.0

REPORT NUMBER: P722622

CATALOG NUMBER: IFLD-L-SA8A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.6	13.3	4.4	0.0
-25°	26.6	13.3	4.4	0.0
-27.5°	26.6	13.3	4.4	0.0
-30°	26.6	13.3	4.4	0.0
-32.5°	26.6	13.3	4.4	0.0
-35°	26.6	13.3	4.4	0.0
-37.5°	26.6	13.3	4.4	0.0
-40°	26.6	13.3	4.4	0.0
-42.5°	22.2	13.3	4.4	0.0
-45°	26.6	13.3	4.4	0.0
-47.5°	26.6	13.3	4.4	0.0
-50°	26.6	13.3	4.4	0.0
-52.5°	26.6	13.3	4.4	0.0
-55°	26.6	13.3	4.4	0.0
-57.5°	26.6	13.3	4.4	0.0
-60°	26.6	13.3	4.4	0.0
-62.5°	22.2	13.3	4.4	0.0
-65°	22.2	8.9	4.4	0.0
-67.5°	22.2	8.9	4.4	0.0
-70°	22.2	8.9	4.4	0.0
-72.5°	17.7	8.9	4.4	0.0
-75°	17.7	8.9	4.4	0.0
-77.5°	13.3	4.4	0.0	0.0
-80°	13.3	4.4	0.0	0.0
-82.5°	8.9	4.4	0.0	0.0
-85°	4.4	4.4	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)