

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: P722710

Luminaire Tested: **IFLD-L-SA8B-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722710
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27632.8 lumens	Max Intensity:	19290.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.4 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:	17628.5 lumens	Field Lumens:	26051.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

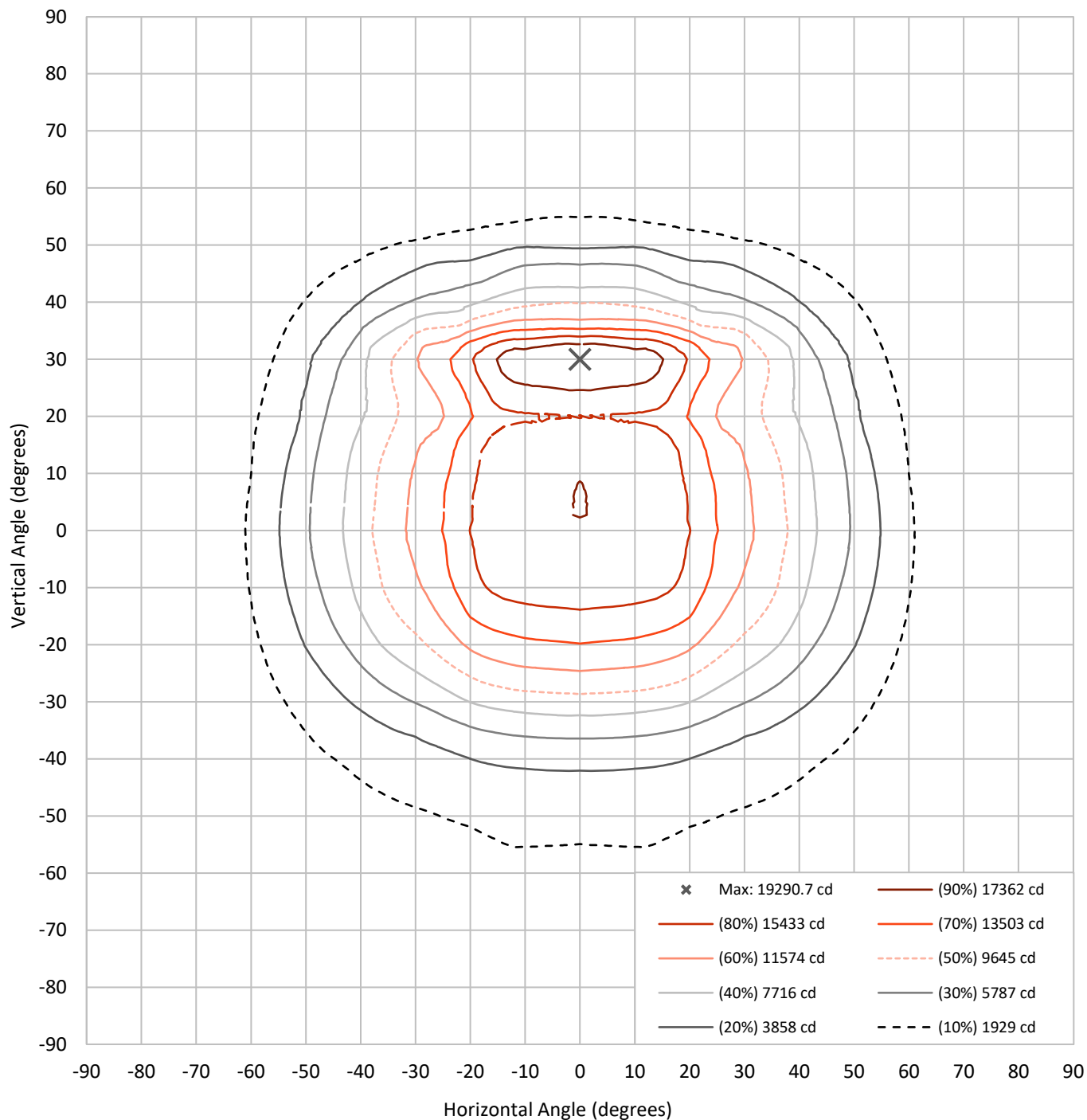
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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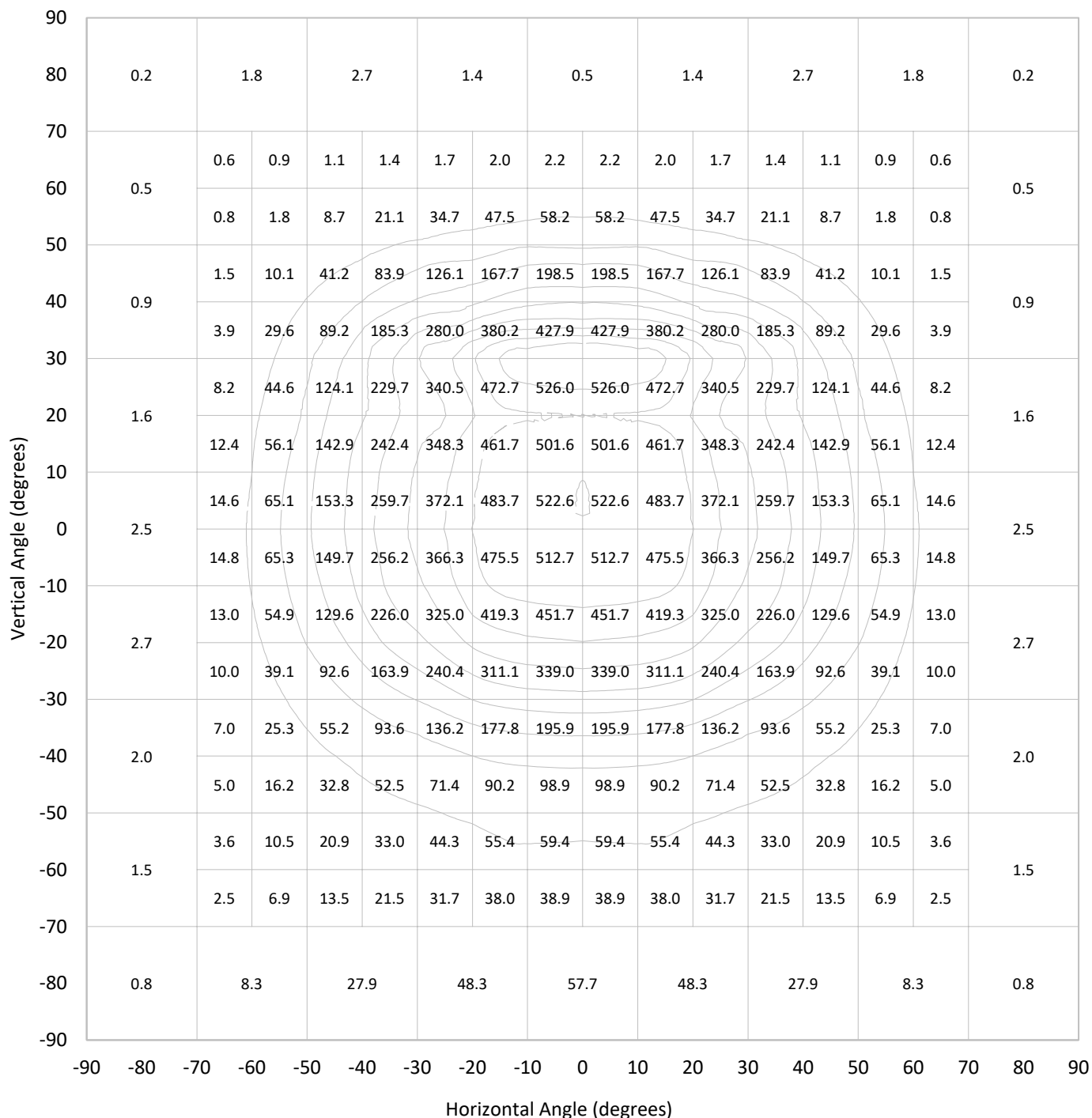
Iso-Candela Plot



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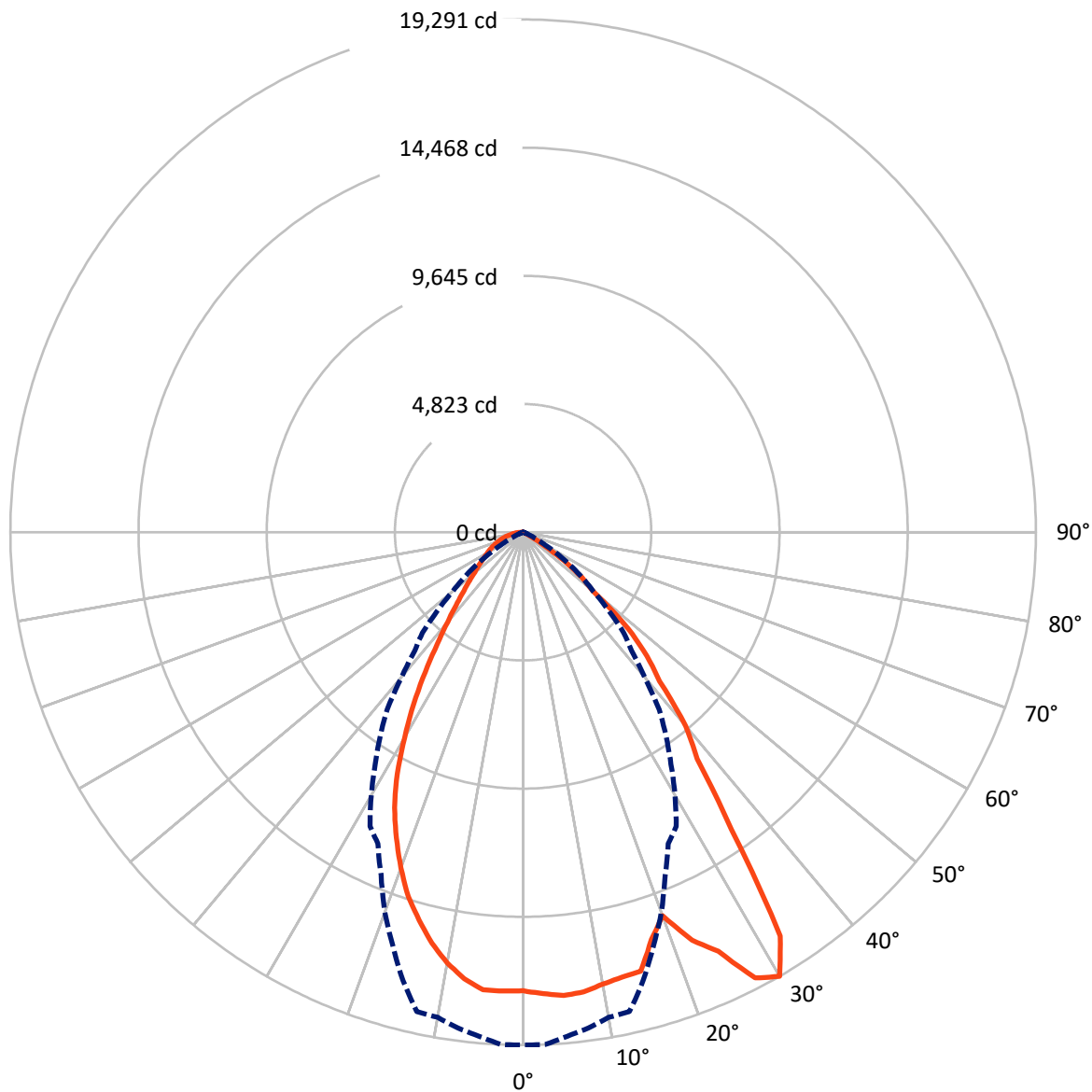
Lumen Table



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Luminous Intensity Polar Plot



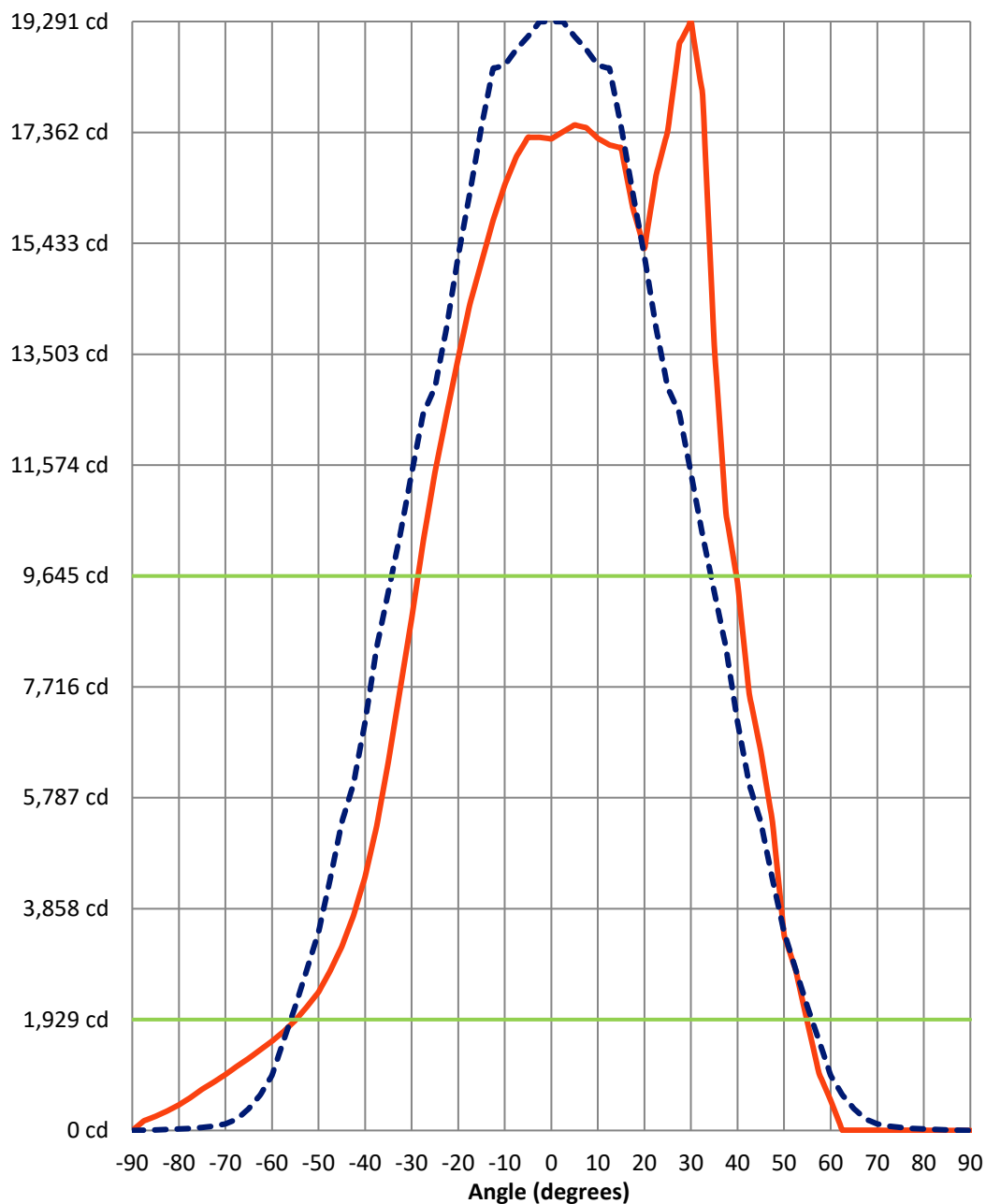
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17628.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 26051.5

Efficiency: 94.3%

Spill:

Lumens: 1581.3

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	8.8	8.8	8.8	8.8	8.8	8.8	13.2
82.5°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.2	13.2	17.6
80°	4.4	4.4	4.4	4.4	8.8	8.8	8.8	13.2	13.2	17.6	17.6
77.5°	4.4	4.4	4.4	8.8	8.8	8.8	13.2	13.2	17.6	17.6	22.0
75°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	22.0
72.5°	0.0	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	17.6
70°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	17.6
67.5°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	17.6	17.6	17.6	22.0
65°	4.4	4.4	4.4	8.8	13.2	13.2	17.6	22.0	22.0	26.4	30.8
62.5°	4.4	8.8	8.8	13.2	17.6	22.0	48.4	74.8	74.8	52.8	44.0
60°	523.5	567.5	563.1	510.3	444.3	373.9	360.7	347.5	321.1	281.6	294.8
57.5°	994.2	1047.0	1069.0	1055.8	1020.6	959.0	923.8	884.3	831.5	769.9	699.5
55°	1882.9	1904.9	1856.5	1764.1	1662.9	1561.7	1526.5	1473.8	1394.6	1315.4	1209.8
52.5°	2784.7	2859.5	2837.5	2745.1	2608.8	2428.4	2230.4	2076.4	1984.1	1896.1	1790.5
50°	3400.6	3431.4	3493.0	3603.0	3642.6	3519.4	3198.3	2784.7	2490.0	2639.6	2525.2
47.5°	5367.1	5521.1	5490.3	5411.1	5279.1	4944.8	4496.0	4126.5	3818.6	3717.4	3735.0
45°	6594.5	6656.1	6634.1	6598.9	6537.3	6224.9	5727.8	5160.3	4874.4	4760.0	4641.2
42.5°	7601.9	7667.9	7681.1	7685.5	7619.5	7333.6	6884.8	6317.3	6031.4	5701.4	5441.9
40°	9524.4	9621.2	9511.2	9366.0	9146.1	8820.5	8380.6	7857.1	7351.2	6946.4	6638.5
37.5°	10751.8	10870.6	10914.6	10905.8	10857.4	10716.6	10175.5	9678.4	8904.1	7997.8	8160.6
35°	13664.1	13787.3	13752.1	13620.1	13549.7	13400.1	12872.2	12282.7	11310.5	10325.1	10061.1
32.5°	18006.2	18274.5	17773.0	17223.1	16884.3	17003.1	16466.4	15023.5	14574.7	12797.4	11974.8
30°	19290.7	19286.3	19031.2	18806.8	18529.7	18472.5	17460.6	16308.0	15208.2	13963.2	12925.0
27.5°	18899.2	18820.0	18604.5	18441.7	18182.1	18045.7	17055.9	16140.9	14869.5	13756.5	12753.4
25°	17390.3	17451.8	17231.9	17201.1	17099.9	16835.9	16343.2	15313.8	14178.8	12947.0	12225.5
22.5°	16611.6	16589.6	16325.6	16171.7	16294.8	16013.3	15815.3	14777.1	13593.7	12555.5	11688.8
20°	15344.6	15349.0	15283.0	15269.8	15195.0	15067.4	14909.1	14174.4	13338.5	12449.9	11407.3
17.5°	16052.9	16233.3	16312.4	15656.9	15841.7	15696.5	15529.4	14504.3	13875.3	13087.8	11728.4
15°	17091.1	17025.1	16945.9	16910.7	16809.6	16673.2	16369.6	15551.4	14469.2	13655.3	12595.1
12.5°	17143.9	17016.3	16985.5	16981.1	16875.5	16686.4	16391.6	15714.1	14755.1	13765.3	12903.0
10°	17258.3	17126.3	17108.7	17130.7	16967.9	16849.1	16554.4	15925.3	14843.1	13954.4	13140.6
7.5°	17443.0	17223.1	17324.3	17258.3	17183.5	16994.3	16677.6	16061.7	15164.2	14205.2	13351.7
5°	17491.4	17249.5	17359.5	17297.9	17187.9	17003.1	16660.0	16149.7	15362.2	14306.4	13435.3
2.5°	17372.7	17302.3	17253.9	17139.5	17091.1	16888.7	16563.2	16017.7	15269.8	14262.4	13417.7
0°	17249.5	17311.1	17201.1	17086.7	17064.7	16901.9	16624.8	16132.1	15485.4	14385.6	13567.3
-2.5°	17275.9	17227.5	17152.7	17033.9	16919.5	16686.4	16435.6	15973.7	15278.6	14117.2	13356.1
-5°	17275.9	17051.5	17060.3	17064.7	16950.3	16708.4	16404.8	16013.3	15155.4	14112.8	13294.5
-7.5°	16941.5	16748.0	16717.2	16690.8	16660.0	16435.6	16198.1	15709.7	14948.7	13998.4	13123.0
-10°	16448.8	16259.6	16277.2	16237.7	16140.9	15991.3	15810.9	15371.0	14746.3	13637.7	12775.4
-12.5°	15832.9	15749.3	15700.9	15635.0	15538.2	15406.2	15221.4	14807.9	14139.2	13193.4	12375.1
-15°	15102.6	15041.1	14997.1	14957.5	14816.7	14680.3	14438.4	14055.6	13637.7	12621.5	11785.6
-17.5°	14372.4	14218.4	14156.8	14104.0	14011.6	13791.7	13571.7	13285.8	12700.6	11895.6	11178.5
-20°	13435.3	13342.9	13268.2	13197.8	13065.8	12894.2	12713.8	12383.9	11878.0	11226.9	10483.4

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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°	12454.3	12401.5	12339.9	12251.9	12163.9	12001.2	11750.4	11433.7	11037.7	10333.9	9638.8
-25°	11442.5	11341.3	11266.5	11182.9	11112.5	10962.9	10721.0	10417.4	9920.3	9313.2	8732.5
-27.5°	10250.3	10153.5	10113.9	10017.1	9955.5	9819.1	9577.2	9295.6	8846.9	8336.6	7747.1
-30°	8904.1	8921.7	8877.7	8785.3	8710.5	8534.6	8349.8	8112.2	7760.3	7272.0	6744.1
-32.5°	7659.1	7681.1	7628.3	7531.5	7434.7	7307.2	7135.6	6920.0	6656.1	6189.8	5732.2
-35°	6414.1	6405.3	6361.3	6304.1	6238.1	6132.6	5939.0	5776.2	5472.7	5147.1	4830.4
-37.5°	5296.7	5318.7	5305.5	5274.7	5199.9	5111.9	4953.6	4804.0	4579.6	4293.7	4047.3
-40°	4412.5	4438.8	4421.3	4390.5	4324.5	4271.7	4166.1	4034.1	3853.7	3607.4	3400.6
-42.5°	3735.0	3752.6	3730.6	3704.2	3647.0	3607.4	3523.8	3413.8	3264.2	3075.1	2890.3
-45°	3198.3	3202.7	3180.7	3163.1	3119.1	3070.7	3000.3	2912.3	2793.5	2661.5	2512.0
-47.5°	2775.9	2771.5	2749.5	2731.9	2696.7	2652.8	2595.6	2516.4	2424.0	2322.8	2204.0
-50°	2406.4	2428.4	2419.6	2402.0	2375.6	2344.8	2287.6	2204.0	2111.6	2036.9	1953.3
-52.5°	2151.2	2155.6	2151.2	2151.2	2146.8	2124.8	2058.9	1975.3	1874.1	1808.1	1737.7
-55°	1913.7	1935.7	1944.5	1953.3	1957.7	1957.7	1878.5	1790.5	1693.7	1627.7	1574.9
-57.5°	1720.1	1733.3	1742.1	1764.1	1781.7	1794.9	1724.5	1645.3	1570.5	1508.9	1460.6
-60°	1552.9	1570.5	1583.7	1605.7	1618.9	1627.7	1583.7	1530.9	1486.9	1447.4	1377.0
-62.5°	1403.4	1416.6	1429.8	1443.0	1456.2	1465.0	1447.4	1421.0	1399.0	1381.4	1293.4
-65°	1253.8	1267.0	1280.2	1297.8	1311.0	1319.8	1315.4	1297.8	1280.2	1262.6	1183.4
-67.5°	1117.4	1130.6	1148.2	1152.6	1161.4	1165.8	1157.0	1143.8	1121.8	1099.8	1038.2
-70°	972.2	981.0	989.8	989.8	989.8	985.4	976.6	959.0	937.0	906.2	857.9
-72.5°	840.3	849.1	857.9	844.7	835.9	822.7	809.5	787.5	765.5	743.5	717.1
-75°	717.1	721.5	721.5	703.9	690.7	677.5	659.9	646.7	624.7	607.1	585.1
-77.5°	571.9	571.9	571.9	558.7	549.9	541.1	527.9	514.7	497.1	483.9	466.3
-80°	444.3	444.3	444.3	439.9	426.7	417.9	409.1	400.3	387.1	378.3	369.5
-82.5°	338.7	338.7	338.7	334.3	325.5	321.1	312.3	303.5	299.1	290.4	286.0
-85°	246.4	250.8	250.8	246.4	242.0	233.2	228.8	224.4	220.0	215.6	206.8
-87.5°	167.2	167.2	167.2	162.8	158.4	158.4	154.0	145.2	136.4	132.0	127.6
-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°	13.2	13.2	13.2	17.6	17.6	17.6	17.6	17.6	17.6	17.6	13.2
82.5°	22.0	22.0	26.4	26.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8
80°	22.0	26.4	30.8	35.2	39.6	44.0	44.0	44.0	44.0	39.6	39.6
77.5°	26.4	26.4	30.8	35.2	39.6	44.0	48.4	52.8	48.4	48.4	48.4
75°	26.4	30.8	30.8	35.2	39.6	44.0	48.4	52.8	52.8	52.8	52.8
72.5°	22.0	26.4	30.8	35.2	35.2	39.6	44.0	44.0	48.4	48.4	52.8
70°	22.0	26.4	30.8	30.8	35.2	35.2	39.6	44.0	44.0	48.4	48.4
67.5°	26.4	30.8	30.8	35.2	39.6	39.6	39.6	44.0	44.0	48.4	48.4
65°	30.8	35.2	35.2	39.6	44.0	44.0	48.4	48.4	48.4	52.8	52.8
62.5°	52.8	52.8	52.8	48.4	52.8	52.8	52.8	57.2	57.2	52.8	57.2
60°	272.8	198.0	136.4	171.6	154.0	70.4	70.4	70.4	66.0	66.0	61.6
57.5°	642.3	598.3	514.7	435.5	391.5	347.5	215.6	88.0	88.0	79.2	70.4
55°	1073.4	928.2	866.7	761.1	646.7	593.9	492.7	334.3	158.4	105.6	92.4
52.5°	1662.9	1526.5	1368.2	1152.6	998.6	875.5	791.9	629.1	422.3	224.4	140.8
50°	2226.0	2164.4	2067.6	1856.5	1535.3	1328.6	1192.2	1007.4	756.7	461.9	264.0
47.5°	3585.4	3070.7	2758.3	2595.6	2327.2	1935.7	1671.7	1465.0	1161.4	778.7	466.3
45°	4513.6	4188.1	3691.0	3347.8	2951.9	2538.4	2195.2	1957.7	1596.9	1165.8	730.3
42.5°	5309.9	5028.3	4579.6	4078.1	3660.2	3119.1	2679.1	2366.8	2063.3	1592.5	1091.0
40°	6334.9	6000.6	5569.5	5081.1	4592.8	3902.1	3189.5	2811.1	2476.8	2058.9	1473.8
37.5°	8024.2	7434.7	6730.9	6189.8	5551.9	4966.8	3990.1	3321.4	2925.5	2490.0	1922.5
35°	10056.7	9410.0	8235.4	7518.3	6664.9	5793.8	4914.0	3924.1	3361.0	2899.1	2336.0
32.5°	11948.4	11002.5	9498.0	8657.7	8090.2	6484.5	5573.9	4716.0	3809.8	3242.3	2573.6
30°	12471.9	11429.3	10351.4	9370.4	8402.6	7104.8	6027.0	5358.3	4372.9	3449.0	2797.9
27.5°	11944.0	11226.9	10391.0	9480.4	8433.4	7320.4	6304.1	5666.2	4786.4	3589.8	2973.9
25°	11407.3	10659.4	10074.3	9313.2	8345.4	7307.2	6312.9	5859.8	5107.5	3862.5	3070.7
22.5°	10839.8	10373.4	9889.5	9040.5	8125.4	7346.8	6598.9	6027.0	5274.7	4170.5	3110.3
20°	10870.6	10567.0	10034.7	8899.7	8085.8	7579.9	6942.0	6238.1	5455.1	4438.8	3141.1
17.5°	11363.3	10967.3	10298.7	9313.2	8442.2	7817.5	7228.0	6528.5	5639.8	4676.4	3515.0
15°	11970.4	11367.7	10668.2	9801.5	8816.1	8077.0	7447.9	6730.9	5851.0	4896.4	3849.3
12.5°	12410.3	11552.4	10897.0	10113.9	9220.8	8358.6	7593.1	6884.8	6049.0	5076.7	4100.1
10°	12559.9	11781.2	11006.9	10307.5	9427.6	8508.2	7703.1	6981.6	6220.5	5217.5	4284.9
7.5°	12639.1	11979.2	11081.7	10395.4	9550.8	8600.5	7791.1	7034.4	6356.9	5314.3	4403.7
5°	12630.3	12084.8	11138.9	10421.8	9616.8	8640.1	7852.7	7047.6	6453.7	5397.9	4474.0
2.5°	12590.7	12155.1	11231.3	10465.8	9748.7	8714.9	7971.5	7074.0	6488.9	5490.3	4522.4
0°	12735.8	12159.5	11328.1	10479.0	9836.7	8741.3	8024.2	7052.0	6440.5	5516.7	4518.0
-2.5°	12423.5	11900.0	11306.1	10364.6	9718.0	8679.7	7927.5	6981.6	6334.9	5485.9	4500.4
-5°	12370.7	11710.8	11121.3	10259.1	9520.0	8552.2	7747.1	6849.6	6167.8	5384.7	4430.0
-7.5°	12229.9	11530.4	10940.9	10175.5	9335.2	8420.2	7575.5	6713.3	5987.4	5226.3	4328.9
-10°	11922.0	11253.3	10747.4	9995.1	9110.9	8231.0	7368.8	6532.9	5776.2	5010.8	4170.5
-12.5°	11482.1	10813.4	10311.9	9612.4	8829.3	7975.8	7122.4	6299.7	5534.3	4782.0	3981.3
-15°	10984.9	10307.5	9805.9	9168.0	8411.4	7579.9	6810.0	6005.0	5257.1	4540.0	3757.0
-17.5°	10421.8	9779.5	9295.6	8675.3	7923.1	7131.2	6365.7	5635.4	4936.0	4289.3	3497.4
-20°	9770.7	9146.1	8701.7	8081.4	7390.7	6620.9	5877.4	5186.7	4557.6	3950.5	3211.5

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CATALOG NUMBER: IFLD-L-SA8B-935-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°	8965.7	8415.8	7909.9	7355.6	6752.9	6049.0	5358.3	4746.8	4144.1	3550.2	2916.7
-25°	8143.0	7610.7	7118.0	6612.1	6035.8	5428.7	4839.2	4284.9	3695.4	3158.7	2630.8
-27.5°	7228.0	6752.9	6312.9	5846.6	5318.7	4795.2	4311.3	3770.2	3259.8	2802.3	2349.2
-30°	6251.3	5864.2	5481.5	5067.9	4641.2	4201.3	3770.2	3259.8	2859.5	2494.4	2111.6
-32.5°	5314.3	4966.8	4658.8	4350.9	3981.3	3620.6	3237.9	2859.5	2525.2	2204.0	1882.9
-35°	4491.6	4122.1	3950.5	3704.2	3409.4	3083.9	2771.5	2507.6	2239.2	1948.9	1662.9
-37.5°	3779.0	3541.4	3339.0	3154.3	2921.1	2639.6	2415.2	2199.6	1975.3	1711.3	1465.0
-40°	3220.3	3048.7	2846.3	2709.9	2520.8	2318.4	2094.0	1913.7	1724.5	1508.9	1306.6
-42.5°	2771.5	2630.8	2498.8	2353.6	2212.8	2041.3	1847.7	1676.1	1504.5	1346.2	1179.0
-45°	2402.0	2300.8	2195.2	2076.4	1953.3	1803.7	1645.3	1469.4	1346.2	1205.4	1064.6
-47.5°	2098.4	2023.7	1935.7	1843.3	1737.7	1605.7	1460.6	1333.0	1205.4	1086.6	950.2
-50°	1856.5	1786.1	1715.7	1636.5	1544.1	1429.8	1319.8	1201.0	1082.2	967.8	840.3
-52.5°	1654.1	1592.5	1535.3	1469.4	1381.4	1284.6	1183.4	1077.8	967.8	853.5	752.3
-55°	1513.3	1443.0	1385.8	1319.8	1240.6	1148.2	1055.8	959.0	853.5	765.5	681.9
-57.5°	1399.0	1319.8	1253.8	1183.4	1104.2	1025.0	941.4	853.5	774.3	690.7	611.5
-60°	1302.2	1209.8	1135.0	1064.6	989.8	915.0	844.7	769.9	695.1	620.3	541.1
-62.5°	1201.0	1104.2	1011.8	945.8	888.6	822.7	761.1	690.7	624.7	549.9	492.7
-65°	1086.6	994.2	906.2	849.1	796.3	739.1	681.9	620.3	563.1	505.9	453.1
-67.5°	959.0	879.9	818.3	765.5	712.7	664.3	611.5	558.7	510.3	453.1	400.3
-70°	805.1	761.1	725.9	686.3	637.9	593.9	545.5	497.1	444.3	395.9	347.5
-72.5°	686.3	659.9	633.5	593.9	549.9	510.3	470.7	426.7	382.7	338.7	299.1
-75°	563.1	541.1	519.1	492.7	457.5	426.7	391.5	351.9	316.7	286.0	255.2
-77.5°	453.1	435.5	422.3	400.3	373.9	347.5	325.5	299.1	272.8	242.0	211.2
-80°	360.7	351.9	347.5	338.7	316.7	294.8	277.2	255.2	228.8	206.8	184.8
-82.5°	281.6	281.6	277.2	272.8	255.2	237.6	224.4	206.8	189.2	171.6	149.6
-85°	206.8	202.4	202.4	198.0	184.8	176.0	162.8	154.0	140.8	123.2	114.4
-87.5°	123.2	118.8	114.4	110.0	101.2	96.8	88.0	83.6	74.8	66.0	61.6
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	13.2	8.8	8.8	8.8	8.8	8.8	4.4	4.4	4.4	4.4	4.4
82.5°	26.4	26.4	22.0	22.0	17.6	13.2	8.8	8.8	8.8	4.4	4.4
80°	39.6	39.6	39.6	35.2	30.8	22.0	17.6	13.2	8.8	4.4	4.4
77.5°	48.4	44.0	44.0	39.6	39.6	35.2	26.4	22.0	13.2	8.8	4.4
75°	48.4	48.4	48.4	44.0	44.0	39.6	35.2	26.4	22.0	13.2	8.8
72.5°	52.8	48.4	48.4	48.4	44.0	39.6	35.2	30.8	26.4	17.6	8.8
70°	48.4	48.4	48.4	48.4	44.0	44.0	35.2	30.8	30.8	17.6	13.2
67.5°	48.4	48.4	48.4	44.0	44.0	39.6	35.2	30.8	30.8	22.0	13.2
65°	52.8	48.4	48.4	48.4	44.0	39.6	35.2	30.8	30.8	26.4	17.6
62.5°	57.2	52.8	52.8	48.4	44.0	39.6	35.2	30.8	30.8	26.4	17.6
60°	61.6	57.2	52.8	52.8	48.4	44.0	35.2	35.2	30.8	26.4	17.6
57.5°	66.0	61.6	61.6	57.2	52.8	48.4	39.6	35.2	30.8	26.4	22.0
55°	79.2	70.4	66.0	66.0	61.6	52.8	44.0	35.2	30.8	26.4	22.0
52.5°	105.6	83.6	74.8	74.8	70.4	61.6	48.4	39.6	30.8	26.4	22.0
50°	167.2	105.6	88.0	79.2	79.2	70.4	57.2	44.0	30.8	26.4	22.0
47.5°	264.0	176.0	105.6	92.4	88.0	83.6	66.0	44.0	35.2	26.4	22.0
45°	435.5	259.6	171.6	110.0	92.4	88.0	74.8	48.4	35.2	30.8	22.0
42.5°	598.3	404.7	264.0	132.0	110.0	96.8	79.2	52.8	39.6	30.8	22.0
40°	941.4	554.3	369.5	215.6	127.6	101.2	88.0	61.6	39.6	30.8	22.0
37.5°	1275.8	734.7	497.1	316.7	145.2	114.4	92.4	66.0	44.0	30.8	26.4
35°	1610.1	1029.4	615.9	422.3	193.6	136.4	96.8	70.4	44.0	30.8	26.4
32.5°	1909.3	1306.6	739.1	527.9	290.4	162.8	105.6	74.8	48.4	35.2	26.4
30°	2155.6	1561.7	959.0	620.3	378.3	198.0	114.4	74.8	52.8	35.2	26.4
27.5°	2340.4	1759.7	1183.4	717.1	453.1	233.2	132.0	83.6	52.8	35.2	26.4
25°	2490.0	1913.7	1381.4	818.3	519.1	290.4	158.4	88.0	57.2	39.6	26.4
22.5°	2608.8	2041.3	1544.1	954.6	598.3	347.5	193.6	96.8	57.2	39.6	26.4
20°	2771.5	2168.8	1654.1	1099.8	681.9	400.3	224.4	105.6	57.2	39.6	30.8
17.5°	2912.3	2296.4	1742.1	1223.0	765.5	439.9	259.6	114.4	61.6	39.6	30.8
15°	3075.1	2419.6	1821.3	1319.8	844.7	475.1	290.4	123.2	61.6	44.0	30.8
12.5°	3251.0	2534.0	1878.5	1399.0	928.2	505.9	316.7	140.8	66.0	44.0	30.8
10°	3431.4	2630.8	1926.9	1456.2	989.8	536.7	334.3	158.4	70.4	44.0	30.8
7.5°	3611.8	2718.7	1988.5	1482.5	1016.2	571.9	343.1	176.0	70.4	48.4	30.8
5°	3735.0	2775.9	2076.4	1500.1	1029.4	611.5	356.3	198.0	74.8	48.4	30.8
2.5°	3840.5	2811.1	2168.8	1513.3	1033.8	633.5	351.9	211.2	79.2	48.4	30.8
0°	3888.9	2811.1	2230.4	1504.5	1020.6	655.5	351.9	224.4	79.2	48.4	30.8
-2.5°	3814.2	2890.3	2212.8	1508.9	1025.0	655.5	369.5	228.8	88.0	52.8	30.8
-5°	3695.4	2921.1	2160.0	1486.9	1016.2	655.5	391.5	233.2	92.4	52.8	35.2
-7.5°	3581.0	2934.3	2098.4	1465.0	1003.0	637.9	395.9	228.8	101.2	57.2	35.2
-10°	3431.4	2789.1	2019.3	1425.4	976.6	624.7	404.7	228.8	105.6	57.2	35.2
-12.5°	3259.8	2613.2	1922.5	1368.2	945.8	611.5	409.1	228.8	110.0	61.6	35.2
-15°	3061.9	2432.8	1812.5	1306.6	901.8	593.9	400.3	224.4	114.4	61.6	39.6
-17.5°	2837.5	2256.8	1698.1	1231.8	853.5	571.9	382.7	220.0	114.4	61.6	39.6
-20°	2582.4	2080.8	1570.5	1157.0	796.3	545.5	365.1	211.2	114.4	61.6	39.6



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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°	2353.6	1918.1	1438.6	1073.4	734.7	514.7	343.1	202.4	114.4	66.0	39.6
-25°	2164.4	1759.7	1337.4	989.8	668.7	479.5	321.1	193.6	114.4	66.0	39.6
-27.5°	1966.5	1588.1	1231.8	910.6	624.7	448.7	299.1	184.8	110.0	66.0	39.6
-30°	1764.1	1421.0	1121.8	822.7	580.7	417.9	281.6	171.6	110.0	66.0	39.6
-32.5°	1579.3	1284.6	1020.6	734.7	532.3	387.1	264.0	167.2	105.6	66.0	39.6
-35°	1399.0	1161.4	915.0	664.3	479.5	356.3	246.4	162.8	105.6	66.0	39.6
-37.5°	1249.4	1047.0	818.3	615.9	448.7	329.9	228.8	154.0	101.2	66.0	39.6
-40°	1126.2	941.4	725.9	563.1	422.3	303.5	211.2	149.6	101.2	66.0	39.6
-42.5°	1011.8	840.3	668.7	519.1	395.9	286.0	198.0	145.2	96.8	66.0	39.6
-45°	910.6	752.3	611.5	479.5	365.1	264.0	189.2	136.4	92.4	66.0	44.0
-47.5°	809.5	690.7	558.7	444.3	334.3	237.6	180.4	132.0	88.0	61.6	44.0
-50°	730.3	624.7	514.7	404.7	303.5	228.8	171.6	123.2	88.0	61.6	44.0
-52.5°	659.9	563.1	466.3	365.1	277.2	215.6	162.8	114.4	83.6	61.6	44.0
-55°	593.9	505.9	417.9	325.5	259.6	202.4	149.6	105.6	83.6	61.6	44.0
-57.5°	527.9	453.1	369.5	294.8	237.6	189.2	140.8	105.6	83.6	61.6	44.0
-60°	475.1	404.7	334.3	272.8	220.0	171.6	127.6	101.2	79.2	61.6	44.0
-62.5°	431.1	365.1	303.5	246.4	202.4	154.0	123.2	101.2	79.2	61.6	39.6
-65°	387.1	329.9	272.8	224.4	180.4	145.2	118.8	96.8	79.2	61.6	39.6
-67.5°	343.1	290.4	246.4	198.0	167.2	140.8	114.4	96.8	74.8	57.2	39.6
-70°	299.1	255.2	215.6	184.8	158.4	132.0	110.0	92.4	74.8	52.8	35.2
-72.5°	264.0	224.4	193.6	171.6	149.6	127.6	105.6	88.0	70.4	48.4	30.8
-75°	224.4	198.0	176.0	154.0	136.4	118.8	101.2	79.2	61.6	44.0	30.8
-77.5°	189.2	171.6	154.0	140.8	123.2	105.6	88.0	70.4	57.2	39.6	26.4
-80°	162.8	149.6	136.4	123.2	110.0	92.4	79.2	61.6	48.4	35.2	22.0
-82.5°	132.0	123.2	110.0	101.2	92.4	79.2	66.0	52.8	35.2	26.4	17.6
-85°	101.2	92.4	88.0	79.2	70.4	57.2	44.0	35.2	26.4	17.6	8.8
-87.5°	52.8	48.4	44.0	39.6	35.2	26.4	22.0	17.6	13.2	8.8	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

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CATALOG NUMBER: IFLD-L-SA8B-935-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°	8.8	4.4	0.0	0.0
65°	8.8	4.4	0.0	0.0
62.5°	8.8	4.4	0.0	0.0
60°	8.8	4.4	0.0	0.0
57.5°	13.2	4.4	4.4	0.0
55°	13.2	4.4	4.4	0.0
52.5°	13.2	4.4	4.4	0.0
50°	13.2	8.8	4.4	0.0
47.5°	13.2	8.8	4.4	0.0
45°	13.2	8.8	4.4	0.0
42.5°	13.2	8.8	4.4	0.0
40°	17.6	8.8	4.4	0.0
37.5°	17.6	8.8	4.4	0.0
35°	17.6	8.8	4.4	0.0
32.5°	17.6	8.8	4.4	0.0
30°	17.6	8.8	4.4	0.0
27.5°	17.6	13.2	4.4	0.0
25°	17.6	13.2	4.4	0.0
22.5°	22.0	13.2	4.4	0.0
20°	22.0	13.2	4.4	0.0
17.5°	22.0	13.2	4.4	0.0
15°	22.0	13.2	4.4	0.0
12.5°	22.0	13.2	4.4	0.0
10°	22.0	13.2	4.4	0.0
7.5°	22.0	13.2	4.4	0.0
5°	22.0	13.2	4.4	0.0
2.5°	22.0	13.2	4.4	0.0
0°	22.0	13.2	4.4	0.0
-2.5°	22.0	13.2	4.4	0.0
-5°	22.0	13.2	4.4	0.0
-7.5°	22.0	13.2	4.4	0.0
-10°	22.0	13.2	4.4	0.0
-12.5°	26.4	13.2	4.4	0.0
-15°	26.4	13.2	4.4	0.0
-17.5°	26.4	13.2	4.4	0.0
-20°	26.4	13.2	4.4	0.0

REPORT NUMBER: P722710

CATALOG NUMBER: IFLD-L-SA8B-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.4	13.2	4.4	0.0
-25°	26.4	13.2	4.4	0.0
-27.5°	26.4	13.2	4.4	0.0
-30°	26.4	13.2	4.4	0.0
-32.5°	26.4	13.2	4.4	0.0
-35°	26.4	13.2	4.4	0.0
-37.5°	26.4	13.2	4.4	0.0
-40°	26.4	13.2	4.4	0.0
-42.5°	22.0	13.2	4.4	0.0
-45°	26.4	13.2	4.4	0.0
-47.5°	26.4	13.2	4.4	0.0
-50°	26.4	13.2	4.4	0.0
-52.5°	26.4	13.2	4.4	0.0
-55°	26.4	13.2	4.4	0.0
-57.5°	26.4	13.2	4.4	0.0
-60°	26.4	13.2	4.4	0.0
-62.5°	22.0	13.2	4.4	0.0
-65°	22.0	8.8	4.4	0.0
-67.5°	22.0	8.8	4.4	0.0
-70°	22.0	8.8	4.4	0.0
-72.5°	17.6	8.8	4.4	0.0
-75°	17.6	8.8	4.4	0.0
-77.5°	13.2	4.4	0.0	0.0
-80°	13.2	4.4	0.0	0.0
-82.5°	8.8	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)