

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: P722675

Luminaire Tested: **IFLD-L-SA7A-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722675
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20483.6 lumens	Max Intensity:	14299.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.1 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:	13067.7 lumens	Field Lumens:	19311.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

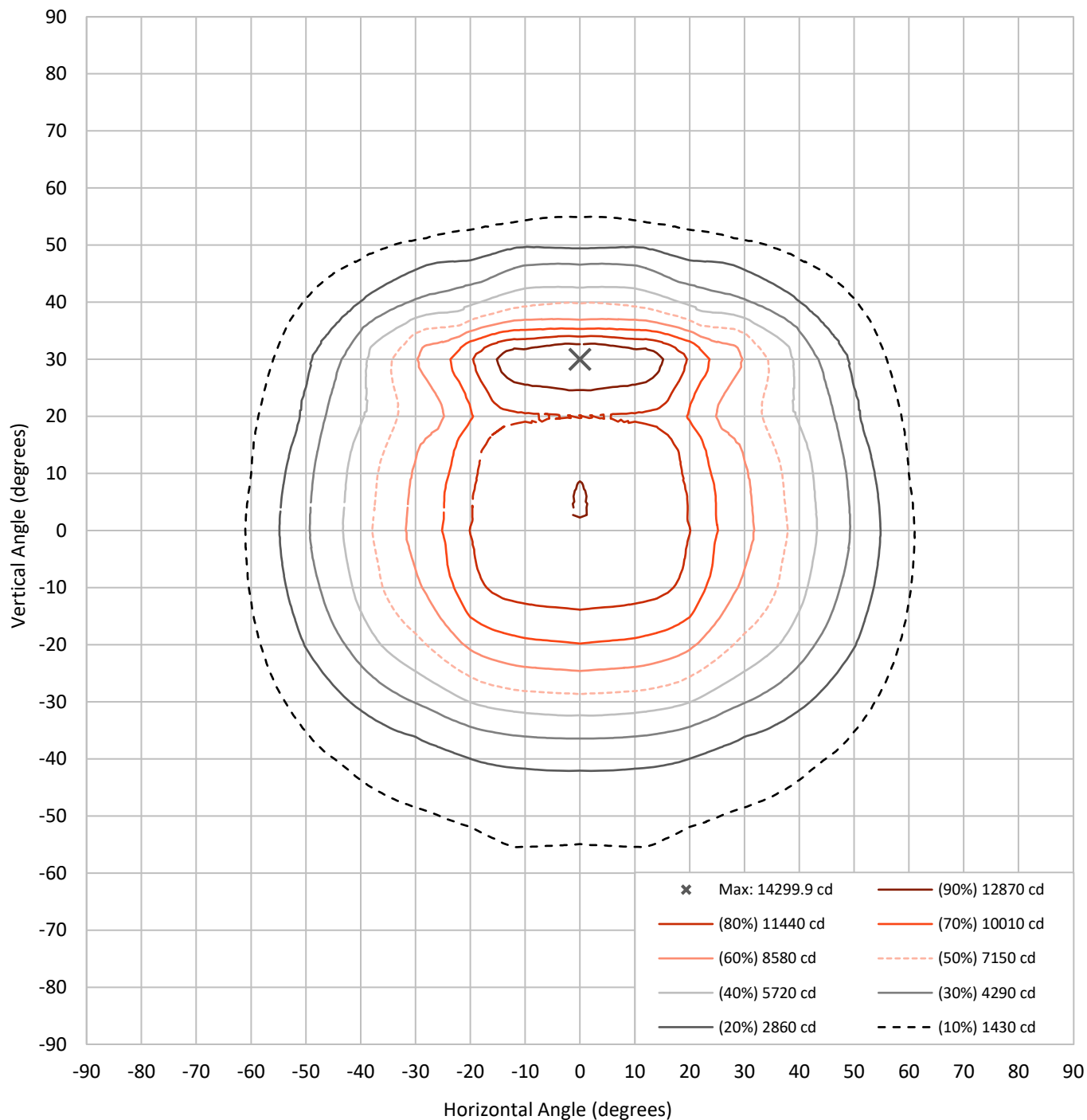
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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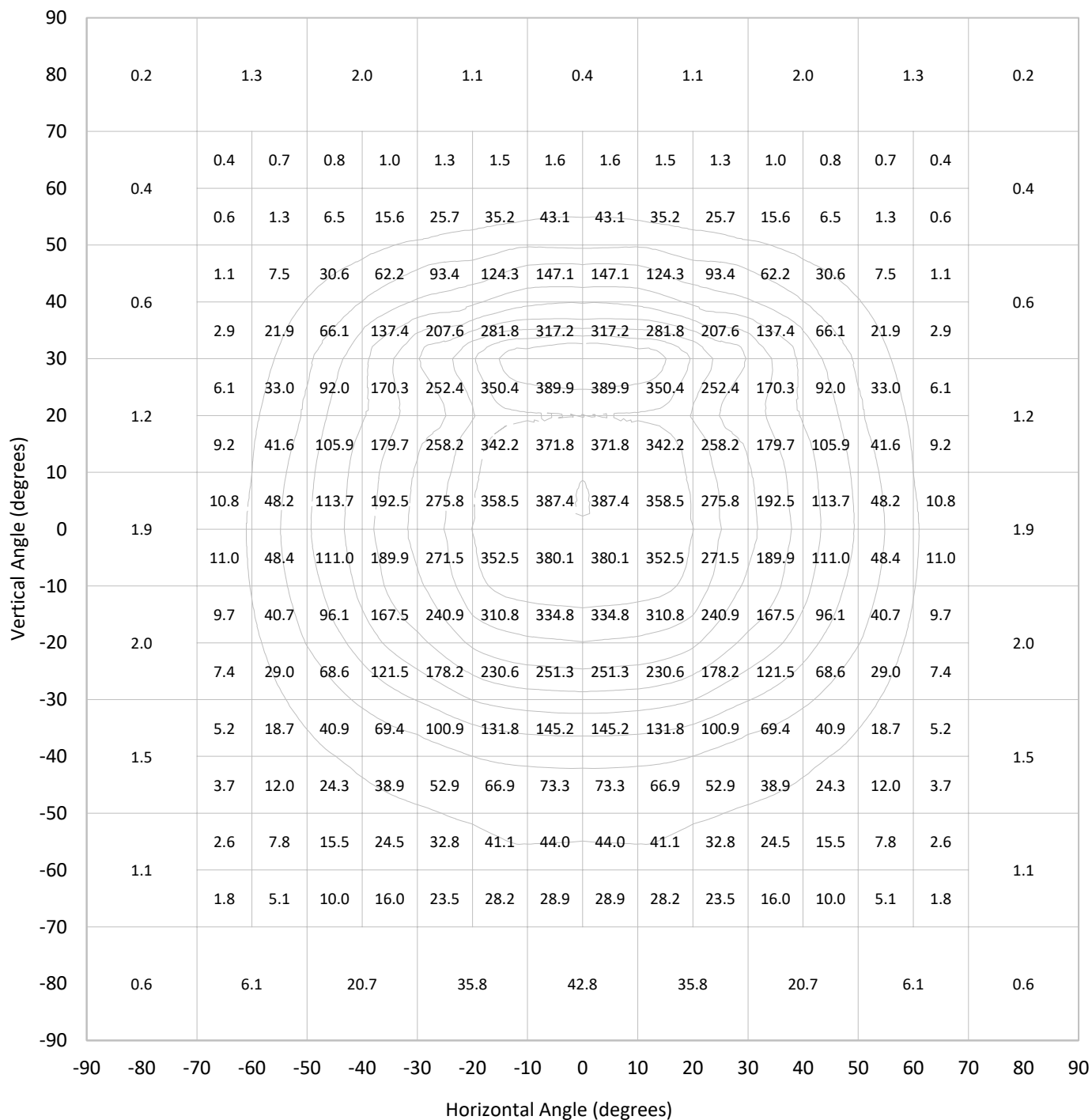
Iso-Candela Plot



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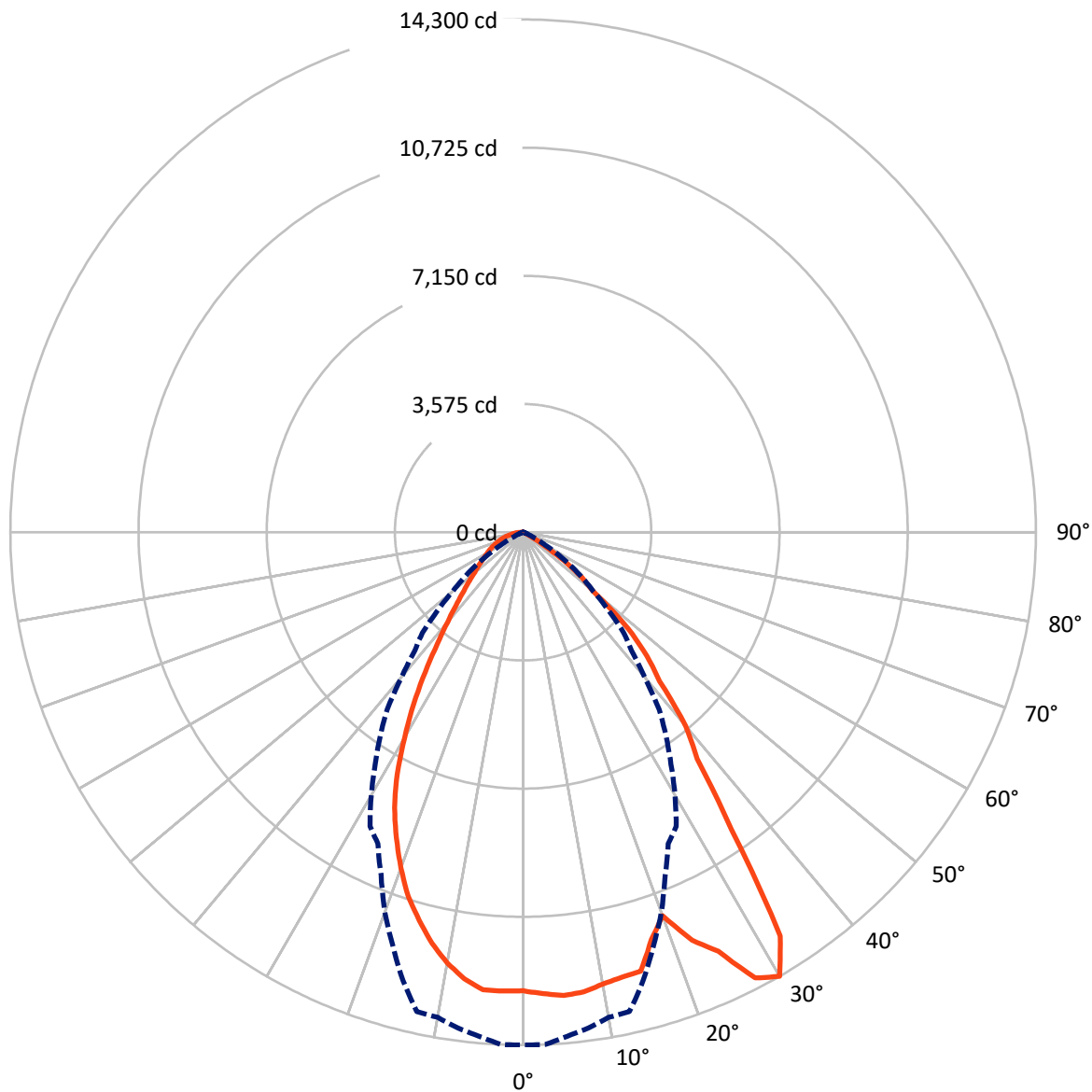
Lumen Table



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Luminous Intensity Polar Plot



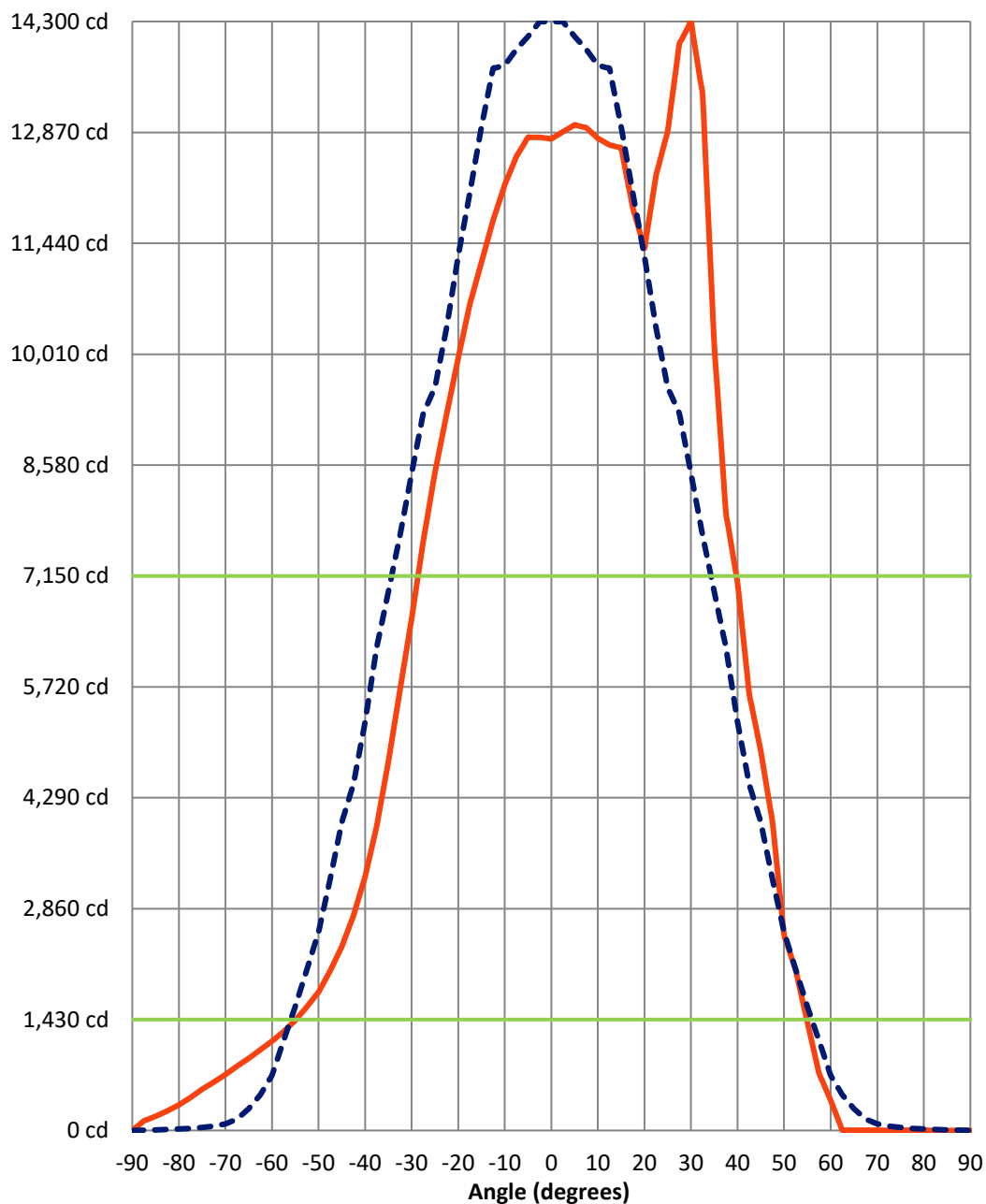
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13067.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19311.5

Efficiency: 94.3%

Spill:

Lumens: 1172.2

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	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	6.5	6.5	9.8
82.5°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	9.8	9.8	13.0
80°	3.3	3.3	3.3	3.3	6.5	6.5	6.5	9.8	9.8	13.0	13.0
77.5°	3.3	3.3	3.3	6.5	6.5	6.5	9.8	9.8	13.0	13.0	16.3
75°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	16.3
72.5°	0.0	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	13.0
70°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	13.0
67.5°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	13.0	13.0	16.3
65°	3.3	3.3	3.3	6.5	9.8	9.8	13.0	16.3	16.3	19.6	22.8
62.5°	3.3	6.5	6.5	9.8	13.0	16.3	35.9	55.4	55.4	39.1	32.6
60°	388.1	420.7	417.4	378.3	329.4	277.2	267.4	257.6	238.1	208.7	218.5
57.5°	737.0	776.1	792.4	782.7	756.6	710.9	684.8	655.5	616.3	570.7	518.5
55°	1395.7	1412.1	1376.2	1307.7	1232.7	1157.7	1131.6	1092.5	1033.8	975.1	896.8
52.5°	2064.3	2119.7	2103.4	2034.9	1933.8	1800.1	1653.4	1539.2	1470.7	1405.5	1327.3
50°	2520.8	2543.6	2589.3	2670.8	2700.2	2608.9	2370.8	2064.3	1845.8	1956.7	1871.9
47.5°	3978.5	4092.7	4069.8	4011.1	3913.3	3665.5	3332.8	3058.9	2830.6	2755.6	2768.7
45°	4888.4	4934.0	4917.7	4891.6	4846.0	4614.4	4245.9	3825.3	3613.3	3528.5	3440.4
42.5°	5635.2	5684.1	5693.9	5697.1	5648.2	5436.2	5103.6	4682.9	4470.9	4226.4	4034.0
40°	7060.3	7132.0	7050.5	6942.9	6779.8	6538.5	6212.4	5824.3	5449.3	5149.3	4921.0
37.5°	7970.1	8058.1	8090.8	8084.2	8048.4	7944.0	7542.9	7174.4	6600.4	5928.7	6049.3
35°	10128.9	10220.2	10194.2	10096.3	10044.1	9933.3	9541.9	9105.0	8384.3	7653.8	7458.1
32.5°	13347.6	13546.6	13174.8	12767.2	12516.0	12604.1	12206.2	11136.6	10804.0	9486.5	8876.7
30°	14299.9	14296.6	14107.5	13941.1	13735.7	13693.3	12943.3	12088.8	11273.6	10350.7	9581.1
27.5°	14009.6	13950.9	13791.1	13670.5	13478.1	13377.0	12643.2	11964.9	11022.5	10197.4	9453.9
25°	12891.1	12936.7	12773.7	12750.8	12675.8	12480.2	12114.9	11351.8	10510.5	9597.4	9062.6
22.5°	12313.9	12297.6	12101.9	11987.8	12079.1	11870.4	11723.6	10954.0	10076.8	9307.1	8664.7
20°	11374.7	11377.9	11329.0	11319.2	11263.8	11169.2	11051.8	10507.2	9887.6	9228.9	8456.0
17.5°	11899.7	12033.4	12092.1	11606.2	11743.2	11635.6	11511.6	10751.8	10285.5	9701.7	8694.1
15°	12669.3	12620.4	12561.7	12535.6	12460.6	12359.5	12134.5	11527.9	10725.7	10122.4	9336.5
12.5°	12708.5	12613.9	12591.1	12587.8	12509.5	12369.3	12150.8	11648.6	10937.7	10203.9	9564.8
10°	12793.2	12695.4	12682.4	12698.7	12578.0	12490.0	12271.5	11805.1	11002.9	10344.2	9740.9
7.5°	12930.2	12767.2	12842.2	12793.2	12737.8	12597.6	12362.8	11906.2	11241.0	10530.0	9897.4
5°	12966.1	12786.7	12868.2	12822.6	12741.1	12604.1	12349.7	11971.4	11387.7	10605.1	9959.4
2.5°	12878.0	12825.9	12790.0	12705.2	12669.3	12519.3	12278.0	11873.6	11319.2	10572.4	9946.3
0°	12786.7	12832.4	12750.8	12666.1	12649.8	12529.1	12323.6	11958.4	11479.0	10663.8	10057.2
-2.5°	12806.3	12770.4	12715.0	12626.9	12542.1	12369.3	12183.4	11841.0	11325.8	10464.8	9900.7
-5°	12806.3	12640.0	12646.5	12649.8	12565.0	12385.6	12160.6	11870.4	11234.4	10461.6	9855.0
-7.5°	12558.4	12415.0	12392.1	12372.6	12349.7	12183.4	12007.3	11645.3	11081.2	10376.8	9727.8
-10°	12193.2	12053.0	12066.0	12036.7	11964.9	11854.0	11720.3	11394.2	10931.2	10109.4	9470.2
-12.5°	11736.6	11674.7	11638.8	11589.9	11518.2	11420.3	11283.4	10976.8	10481.1	9780.0	9173.4
-15°	11195.3	11149.7	11117.0	11087.7	10983.3	10882.2	10702.9	10419.2	10109.4	9356.1	8736.4
-17.5°	10654.0	10539.8	10494.2	10455.0	10386.6	10223.5	10060.5	9848.5	9414.8	8818.0	8286.4
-20°	9959.4	9890.9	9835.4	9783.3	9685.4	9558.2	9424.5	9180.0	8804.9	8322.3	7771.2



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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°	9232.1	9193.0	9147.3	9082.1	9016.9	8896.2	8710.4	8475.6	8182.1	7660.3	7145.0
-25°	8482.1	8407.1	8351.6	8289.7	8237.5	8126.6	7947.3	7722.3	7353.7	6903.7	6473.3
-27.5°	7598.3	7526.6	7497.2	7425.5	7379.8	7278.7	7099.4	6890.7	6558.0	6179.8	5742.8
-30°	6600.4	6613.5	6580.9	6512.4	6457.0	6326.5	6189.5	6013.4	5752.6	5390.6	4999.2
-32.5°	5677.6	5693.9	5654.7	5583.0	5511.2	5416.7	5289.5	5129.7	4934.0	4588.3	4249.2
-35°	4754.7	4748.1	4715.5	4673.1	4624.2	4546.0	4402.5	4281.8	4056.8	3815.5	3580.7
-37.5°	3926.3	3942.7	3932.9	3910.0	3854.6	3789.4	3672.0	3561.1	3394.8	3182.8	3000.2
-40°	3270.9	3290.4	3277.4	3254.6	3205.6	3166.5	3088.2	2990.4	2856.7	2674.1	2520.8
-42.5°	2768.7	2781.7	2765.4	2745.8	2703.4	2674.1	2612.1	2530.6	2419.7	2279.5	2142.5
-45°	2370.8	2374.1	2357.8	2344.7	2312.1	2276.2	2224.1	2158.8	2070.8	1973.0	1862.1
-47.5°	2057.7	2054.5	2038.2	2025.1	1999.0	1966.4	1924.0	1865.3	1796.9	1721.9	1633.8
-50°	1783.8	1800.1	1793.6	1780.6	1761.0	1738.2	1695.8	1633.8	1565.3	1509.9	1447.9
-52.5°	1594.7	1597.9	1594.7	1594.7	1591.4	1575.1	1526.2	1464.2	1389.2	1340.3	1288.1
-55°	1418.6	1434.9	1441.4	1447.9	1451.2	1451.2	1392.5	1327.3	1255.5	1206.6	1167.5
-57.5°	1275.1	1284.9	1291.4	1307.7	1320.7	1330.5	1278.3	1219.6	1164.2	1118.6	1082.7
-60°	1151.2	1164.2	1174.0	1190.3	1200.1	1206.6	1174.0	1134.9	1102.2	1072.9	1020.7
-62.5°	1040.3	1050.1	1059.9	1069.6	1079.4	1085.9	1072.9	1053.3	1037.0	1024.0	958.8
-65°	929.4	939.2	949.0	962.0	971.8	978.3	975.1	962.0	949.0	935.9	877.2
-67.5°	828.3	838.1	851.1	854.4	860.9	864.2	857.7	847.9	831.6	815.3	769.6
-70°	720.7	727.2	733.7	733.7	733.7	730.5	724.0	710.9	694.6	671.8	635.9
-72.5°	622.9	629.4	635.9	626.1	619.6	609.8	600.0	583.7	567.4	551.1	531.6
-75°	531.6	534.8	534.8	521.8	512.0	502.2	489.2	479.4	463.1	450.0	433.7
-77.5°	423.9	423.9	423.9	414.2	407.6	401.1	391.3	381.5	368.5	358.7	345.7
-80°	329.4	329.4	329.4	326.1	316.3	309.8	303.3	296.8	287.0	280.5	273.9
-82.5°	251.1	251.1	251.1	247.8	241.3	238.1	231.5	225.0	221.8	215.2	212.0
-85°	182.6	185.9	185.9	182.6	179.4	172.8	169.6	166.3	163.1	159.8	153.3
-87.5°	123.9	123.9	123.9	120.7	117.4	117.4	114.1	107.6	101.1	97.8	94.6
-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	9.8	9.8	9.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	9.8
82.5°	16.3	16.3	19.6	19.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8
80°	16.3	19.6	22.8	26.1	29.3	32.6	32.6	32.6	32.6	29.3	29.3
77.5°	19.6	19.6	22.8	26.1	29.3	32.6	35.9	39.1	35.9	35.9	35.9
75°	19.6	22.8	22.8	26.1	29.3	32.6	35.9	39.1	39.1	39.1	39.1
72.5°	16.3	19.6	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9	39.1
70°	16.3	19.6	22.8	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9
67.5°	19.6	22.8	22.8	26.1	29.3	29.3	29.3	32.6	32.6	35.9	35.9
65°	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9	35.9	39.1	39.1
62.5°	39.1	39.1	39.1	35.9	39.1	39.1	39.1	42.4	42.4	39.1	42.4
60°	202.2	146.7	101.1	127.2	114.1	52.2	52.2	52.2	48.9	48.9	45.7
57.5°	476.1	443.5	381.5	322.8	290.2	257.6	159.8	65.2	65.2	58.7	52.2
55°	795.7	688.1	642.4	564.2	479.4	440.2	365.2	247.8	117.4	78.3	68.5
52.5°	1232.7	1131.6	1014.2	854.4	740.3	649.0	587.0	466.3	313.1	166.3	104.4
50°	1650.1	1604.5	1532.7	1376.2	1138.1	984.8	883.8	746.8	560.9	342.4	195.7
47.5°	2657.8	2276.2	2044.7	1924.0	1725.1	1434.9	1239.2	1085.9	860.9	577.2	345.7
45°	3345.9	3104.6	2736.1	2481.7	2188.2	1881.6	1627.3	1451.2	1183.8	864.2	541.3
42.5°	3936.1	3727.4	3394.8	3023.0	2713.2	2312.1	1986.0	1754.5	1529.4	1180.5	808.7
40°	4696.0	4448.1	4128.5	3766.6	3404.6	2892.6	2364.3	2083.8	1836.0	1526.2	1092.5
37.5°	5948.2	5511.2	4989.5	4588.3	4115.5	3681.8	2957.8	2462.1	2168.6	1845.8	1425.1
35°	7454.8	6975.5	6104.8	5573.2	4940.5	4294.9	3642.6	2908.9	2491.5	2149.1	1731.6
32.5°	8857.1	8156.0	7040.7	6417.8	5997.1	4806.8	4131.8	3495.9	2824.1	2403.4	1907.7
30°	9245.2	8472.3	7673.3	6946.1	6228.7	5266.7	4467.7	3972.0	3241.5	2556.7	2074.1
27.5°	8853.8	8322.3	7702.7	7027.6	6251.5	5426.4	4673.1	4200.3	3548.1	2661.0	2204.5
25°	8456.0	7901.6	7467.9	6903.7	6186.3	5416.7	4679.7	4343.8	3786.1	2863.2	2276.2
22.5°	8035.3	7689.6	7330.9	6701.5	6023.2	5446.0	4891.6	4467.7	3910.0	3091.5	2305.6
20°	8058.1	7833.1	7438.5	6597.2	5993.9	5618.9	5146.0	4624.2	4043.7	3290.4	2328.4
17.5°	8423.4	8129.9	7634.2	6903.7	6258.0	5795.0	5358.0	4839.5	4180.7	3466.5	2605.6
15°	8873.4	8426.6	7908.1	7265.7	6535.2	5987.4	5521.0	4989.5	4337.2	3629.6	2853.5
12.5°	9199.5	8563.6	8077.7	7497.2	6835.2	6196.1	5628.6	5103.6	4484.0	3763.3	3039.3
10°	9310.4	8733.2	8159.2	7640.7	6988.5	6306.9	5710.2	5175.3	4611.2	3867.6	3176.3
7.5°	9369.1	8879.9	8214.7	7705.9	7079.8	6375.4	5775.4	5214.5	4712.3	3939.4	3264.3
5°	9362.6	8958.2	8257.1	7725.5	7128.7	6404.8	5821.0	5224.3	4784.0	4001.4	3316.5
2.5°	9333.2	9010.4	8325.6	7758.1	7226.6	6460.2	5909.1	5243.8	4810.1	4069.8	3352.4
0°	9440.8	9013.6	8397.3	7767.9	7291.8	6479.8	5948.2	5227.5	4774.2	4089.4	3349.1
-2.5°	9209.3	8821.2	8381.0	7683.1	7203.7	6434.1	5876.5	5175.3	4696.0	4066.6	3336.1
-5°	9170.2	8681.0	8244.0	7604.9	7057.0	6339.6	5742.8	5077.5	4572.0	3991.6	3283.9
-7.5°	9065.8	8547.3	8110.3	7542.9	6920.0	6241.7	5615.6	4976.4	4438.3	3874.2	3208.9
-10°	8837.5	8341.9	7966.8	7409.2	6753.7	6101.5	5462.3	4842.7	4281.8	3714.4	3091.5
-12.5°	8511.4	8015.7	7644.0	7125.5	6545.0	5912.3	5279.7	4669.9	4102.4	3544.8	2951.3
-15°	8142.9	7640.7	7269.0	6796.1	6235.2	5618.9	5048.2	4451.4	3897.0	3365.4	2785.0
-17.5°	7725.5	7249.4	6890.7	6430.9	5873.2	5286.2	4718.8	4177.5	3658.9	3179.6	2592.6
-20°	7242.9	6779.8	6450.4	5990.6	5478.6	4907.9	4356.8	3844.8	3378.5	2928.5	2380.6

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CATALOG NUMBER: IFLD-L-SA7A-930-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°	6646.1	6238.5	5863.4	5452.5	5005.8	4484.0	3972.0	3518.7	3071.9	2631.7	2162.1
-25°	6036.3	5641.7	5276.4	4901.4	4474.2	4024.2	3587.2	3176.3	2739.3	2341.5	1950.1
-27.5°	5358.0	5005.8	4679.7	4334.0	3942.7	3554.6	3195.9	2794.8	2416.5	2077.3	1741.4
-30°	4634.0	4347.0	4063.3	3756.8	3440.4	3114.3	2794.8	2416.5	2119.7	1849.0	1565.3
-32.5°	3939.4	3681.8	3453.5	3225.2	2951.3	2683.9	2400.2	2119.7	1871.9	1633.8	1395.7
-35°	3329.6	3055.6	2928.5	2745.8	2527.3	2286.0	2054.5	1858.8	1659.9	1444.7	1232.7
-37.5°	2801.3	2625.2	2475.2	2338.2	2165.4	1956.7	1790.3	1630.5	1464.2	1268.6	1085.9
-40°	2387.1	2259.9	2109.9	2008.8	1868.6	1718.6	1552.3	1418.6	1278.3	1118.6	968.5
-42.5°	2054.5	1950.1	1852.3	1744.7	1640.3	1513.1	1369.7	1242.5	1115.3	997.9	874.0
-45°	1780.6	1705.5	1627.3	1539.2	1447.9	1337.0	1219.6	1089.2	997.9	893.5	789.2
-47.5°	1555.5	1500.1	1434.9	1366.4	1288.1	1190.3	1082.7	988.1	893.5	805.5	704.4
-50°	1376.2	1324.0	1271.8	1213.1	1144.6	1059.9	978.3	890.3	802.2	717.4	622.9
-52.5°	1226.2	1180.5	1138.1	1089.2	1024.0	952.2	877.2	799.0	717.4	632.7	557.6
-55°	1121.8	1069.6	1027.2	978.3	919.6	851.1	782.7	710.9	632.7	567.4	505.5
-57.5°	1037.0	978.3	929.4	877.2	818.5	759.8	697.9	632.7	574.0	512.0	453.3
-60°	965.3	896.8	841.4	789.2	733.7	678.3	626.1	570.7	515.3	459.8	401.1
-62.5°	890.3	818.5	750.0	701.1	658.7	609.8	564.2	512.0	463.1	407.6	365.2
-65°	805.5	737.0	671.8	629.4	590.3	547.9	505.5	459.8	417.4	375.0	335.9
-67.5°	710.9	652.2	606.6	567.4	528.3	492.4	453.3	414.2	378.3	335.9	296.8
-70°	596.8	564.2	538.1	508.7	472.9	440.2	404.4	368.5	329.4	293.5	257.6
-72.5°	508.7	489.2	469.6	440.2	407.6	378.3	348.9	316.3	283.7	251.1	221.8
-75°	417.4	401.1	384.8	365.2	339.2	316.3	290.2	260.9	234.8	212.0	189.1
-77.5°	335.9	322.8	313.1	296.8	277.2	257.6	241.3	221.8	202.2	179.4	156.5
-80°	267.4	260.9	257.6	251.1	234.8	218.5	205.4	189.1	169.6	153.3	137.0
-82.5°	208.7	208.7	205.4	202.2	189.1	176.1	166.3	153.3	140.2	127.2	110.9
-85°	153.3	150.0	150.0	146.7	137.0	130.4	120.7	114.1	104.4	91.3	84.8
-87.5°	91.3	88.0	84.8	81.5	75.0	71.7	65.2	62.0	55.4	48.9	45.7
-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-SA7A-930-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
85°	9.8	6.5	6.5	6.5	6.5	6.5	3.3	3.3	3.3	3.3	3.3
82.5°	19.6	19.6	16.3	16.3	13.0	9.8	6.5	6.5	6.5	3.3	3.3
80°	29.3	29.3	29.3	26.1	22.8	16.3	13.0	9.8	6.5	3.3	3.3
77.5°	35.9	32.6	32.6	29.3	29.3	26.1	19.6	16.3	9.8	6.5	3.3
75°	35.9	35.9	35.9	32.6	32.6	29.3	26.1	19.6	16.3	9.8	6.5
72.5°	39.1	35.9	35.9	35.9	32.6	29.3	26.1	22.8	19.6	13.0	6.5
70°	35.9	35.9	35.9	35.9	32.6	32.6	26.1	22.8	22.8	13.0	9.8
67.5°	35.9	35.9	35.9	32.6	32.6	29.3	26.1	22.8	22.8	16.3	9.8
65°	39.1	35.9	35.9	35.9	32.6	29.3	26.1	22.8	22.8	19.6	13.0
62.5°	42.4	39.1	39.1	35.9	32.6	29.3	26.1	22.8	22.8	19.6	13.0
60°	45.7	42.4	39.1	39.1	35.9	32.6	26.1	26.1	22.8	19.6	13.0
57.5°	48.9	45.7	45.7	42.4	39.1	35.9	29.3	26.1	22.8	19.6	16.3
55°	58.7	52.2	48.9	48.9	45.7	39.1	32.6	26.1	22.8	19.6	16.3
52.5°	78.3	62.0	55.4	55.4	52.2	45.7	35.9	29.3	22.8	19.6	16.3
50°	123.9	78.3	65.2	58.7	58.7	52.2	42.4	32.6	22.8	19.6	16.3
47.5°	195.7	130.4	78.3	68.5	65.2	62.0	48.9	32.6	26.1	19.6	16.3
45°	322.8	192.4	127.2	81.5	68.5	65.2	55.4	35.9	26.1	22.8	16.3
42.5°	443.5	300.0	195.7	97.8	81.5	71.7	58.7	39.1	29.3	22.8	16.3
40°	697.9	410.9	273.9	159.8	94.6	75.0	65.2	45.7	29.3	22.8	16.3
37.5°	945.7	544.6	368.5	234.8	107.6	84.8	68.5	48.9	32.6	22.8	19.6
35°	1193.6	763.1	456.6	313.1	143.5	101.1	71.7	52.2	32.6	22.8	19.6
32.5°	1415.3	968.5	547.9	391.3	215.2	120.7	78.3	55.4	35.9	26.1	19.6
30°	1597.9	1157.7	710.9	459.8	280.5	146.7	84.8	55.4	39.1	26.1	19.6
27.5°	1734.9	1304.4	877.2	531.6	335.9	172.8	97.8	62.0	39.1	26.1	19.6
25°	1845.8	1418.6	1024.0	606.6	384.8	215.2	117.4	65.2	42.4	29.3	19.6
22.5°	1933.8	1513.1	1144.6	707.7	443.5	257.6	143.5	71.7	42.4	29.3	19.6
20°	2054.5	1607.7	1226.2	815.3	505.5	296.8	166.3	78.3	42.4	29.3	22.8
17.5°	2158.8	1702.3	1291.4	906.6	567.4	326.1	192.4	84.8	45.7	29.3	22.8
15°	2279.5	1793.6	1350.1	978.3	626.1	352.2	215.2	91.3	45.7	32.6	22.8
12.5°	2409.9	1878.4	1392.5	1037.0	688.1	375.0	234.8	104.4	48.9	32.6	22.8
10°	2543.6	1950.1	1428.4	1079.4	733.7	397.9	247.8	117.4	52.2	32.6	22.8
7.5°	2677.4	2015.4	1474.0	1099.0	753.3	423.9	254.4	130.4	52.2	35.9	22.8
5°	2768.7	2057.7	1539.2	1112.0	763.1	453.3	264.1	146.7	55.4	35.9	22.8
2.5°	2846.9	2083.8	1607.7	1121.8	766.4	469.6	260.9	156.5	58.7	35.9	22.8
0°	2882.8	2083.8	1653.4	1115.3	756.6	485.9	260.9	166.3	58.7	35.9	22.8
-2.5°	2827.4	2142.5	1640.3	1118.6	759.8	485.9	273.9	169.6	65.2	39.1	22.8
-5°	2739.3	2165.4	1601.2	1102.2	753.3	485.9	290.2	172.8	68.5	39.1	26.1
-7.5°	2654.5	2175.1	1555.5	1085.9	743.5	472.9	293.5	169.6	75.0	42.4	26.1
-10°	2543.6	2067.5	1496.8	1056.6	724.0	463.1	300.0	169.6	78.3	42.4	26.1
-12.5°	2416.5	1937.1	1425.1	1014.2	701.1	453.3	303.3	169.6	81.5	45.7	26.1
-15°	2269.7	1803.4	1343.6	968.5	668.5	440.2	296.8	166.3	84.8	45.7	29.3
-17.5°	2103.4	1672.9	1258.8	913.1	632.7	423.9	283.7	163.1	84.8	45.7	29.3
-20°	1914.3	1542.5	1164.2	857.7	590.3	404.4	270.7	156.5	84.8	45.7	29.3



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CATALOG NUMBER: IFLD-L-SA7A-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1744.7	1421.8	1066.4	795.7	544.6	381.5	254.4	150.0	84.8	48.9	29.3
-25°	1604.5	1304.4	991.4	733.7	495.7	355.5	238.1	143.5	84.8	48.9	29.3
-27.5°	1457.7	1177.3	913.1	675.0	463.1	332.6	221.8	137.0	81.5	48.9	29.3
-30°	1307.7	1053.3	831.6	609.8	430.5	309.8	208.7	127.2	81.5	48.9	29.3
-32.5°	1170.7	952.2	756.6	544.6	394.6	287.0	195.7	123.9	78.3	48.9	29.3
-35°	1037.0	860.9	678.3	492.4	355.5	264.1	182.6	120.7	78.3	48.9	29.3
-37.5°	926.1	776.1	606.6	456.6	332.6	244.6	169.6	114.1	75.0	48.9	29.3
-40°	834.8	697.9	538.1	417.4	313.1	225.0	156.5	110.9	75.0	48.9	29.3
-42.5°	750.0	622.9	495.7	384.8	293.5	212.0	146.7	107.6	71.7	48.9	29.3
-45°	675.0	557.6	453.3	355.5	270.7	195.7	140.2	101.1	68.5	48.9	32.6
-47.5°	600.0	512.0	414.2	329.4	247.8	176.1	133.7	97.8	65.2	45.7	32.6
-50°	541.3	463.1	381.5	300.0	225.0	169.6	127.2	91.3	65.2	45.7	32.6
-52.5°	489.2	417.4	345.7	270.7	205.4	159.8	120.7	84.8	62.0	45.7	32.6
-55°	440.2	375.0	309.8	241.3	192.4	150.0	110.9	78.3	62.0	45.7	32.6
-57.5°	391.3	335.9	273.9	218.5	176.1	140.2	104.4	78.3	62.0	45.7	32.6
-60°	352.2	300.0	247.8	202.2	163.1	127.2	94.6	75.0	58.7	45.7	32.6
-62.5°	319.6	270.7	225.0	182.6	150.0	114.1	91.3	75.0	58.7	45.7	29.3
-65°	287.0	244.6	202.2	166.3	133.7	107.6	88.0	71.7	58.7	45.7	29.3
-67.5°	254.4	215.2	182.6	146.7	123.9	104.4	84.8	71.7	55.4	42.4	29.3
-70°	221.8	189.1	159.8	137.0	117.4	97.8	81.5	68.5	55.4	39.1	26.1
-72.5°	195.7	166.3	143.5	127.2	110.9	94.6	78.3	65.2	52.2	35.9	22.8
-75°	166.3	146.7	130.4	114.1	101.1	88.0	75.0	58.7	45.7	32.6	22.8
-77.5°	140.2	127.2	114.1	104.4	91.3	78.3	65.2	52.2	42.4	29.3	19.6
-80°	120.7	110.9	101.1	91.3	81.5	68.5	58.7	45.7	35.9	26.1	16.3
-82.5°	97.8	91.3	81.5	75.0	68.5	58.7	48.9	39.1	26.1	19.6	13.0
-85°	75.0	68.5	65.2	58.7	52.2	42.4	32.6	26.1	19.6	13.0	6.5
-87.5°	39.1	35.9	32.6	29.3	26.1	19.6	16.3	13.0	9.8	6.5	3.3
-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-SA7A-930-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°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	3.3	3.3	0.0	0.0
67.5°	6.5	3.3	0.0	0.0
65°	6.5	3.3	0.0	0.0
62.5°	6.5	3.3	0.0	0.0
60°	6.5	3.3	0.0	0.0
57.5°	9.8	3.3	3.3	0.0
55°	9.8	3.3	3.3	0.0
52.5°	9.8	3.3	3.3	0.0
50°	9.8	6.5	3.3	0.0
47.5°	9.8	6.5	3.3	0.0
45°	9.8	6.5	3.3	0.0
42.5°	9.8	6.5	3.3	0.0
40°	13.0	6.5	3.3	0.0
37.5°	13.0	6.5	3.3	0.0
35°	13.0	6.5	3.3	0.0
32.5°	13.0	6.5	3.3	0.0
30°	13.0	6.5	3.3	0.0
27.5°	13.0	9.8	3.3	0.0
25°	13.0	9.8	3.3	0.0
22.5°	16.3	9.8	3.3	0.0
20°	16.3	9.8	3.3	0.0
17.5°	16.3	9.8	3.3	0.0
15°	16.3	9.8	3.3	0.0
12.5°	16.3	9.8	3.3	0.0
10°	16.3	9.8	3.3	0.0
7.5°	16.3	9.8	3.3	0.0
5°	16.3	9.8	3.3	0.0
2.5°	16.3	9.8	3.3	0.0
0°	16.3	9.8	3.3	0.0
-2.5°	16.3	9.8	3.3	0.0
-5°	16.3	9.8	3.3	0.0
-7.5°	16.3	9.8	3.3	0.0
-10°	16.3	9.8	3.3	0.0
-12.5°	19.6	9.8	3.3	0.0
-15°	19.6	9.8	3.3	0.0
-17.5°	19.6	9.8	3.3	0.0
-20°	19.6	9.8	3.3	0.0

REPORT NUMBER: P722675

CATALOG NUMBER: IFLD-L-SA7A-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.6	9.8	3.3	0.0
-25°	19.6	9.8	3.3	0.0
-27.5°	19.6	9.8	3.3	0.0
-30°	19.6	9.8	3.3	0.0
-32.5°	19.6	9.8	3.3	0.0
-35°	19.6	9.8	3.3	0.0
-37.5°	19.6	9.8	3.3	0.0
-40°	19.6	9.8	3.3	0.0
-42.5°	16.3	9.8	3.3	0.0
-45°	19.6	9.8	3.3	0.0
-47.5°	19.6	9.8	3.3	0.0
-50°	19.6	9.8	3.3	0.0
-52.5°	19.6	9.8	3.3	0.0
-55°	19.6	9.8	3.3	0.0
-57.5°	19.6	9.8	3.3	0.0
-60°	19.6	9.8	3.3	0.0
-62.5°	16.3	9.8	3.3	0.0
-65°	16.3	6.5	3.3	0.0
-67.5°	16.3	6.5	3.3	0.0
-70°	16.3	6.5	3.3	0.0
-72.5°	13.0	6.5	3.3	0.0
-75°	13.0	6.5	3.3	0.0
-77.5°	9.8	3.3	0.0	0.0
-80°	9.8	3.3	0.0	0.0
-82.5°	6.5	3.3	0.0	0.0
-85°	3.3	3.3	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)