

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: P722104

Luminaire Tested: **IFLD-S-SA2A-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722104
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

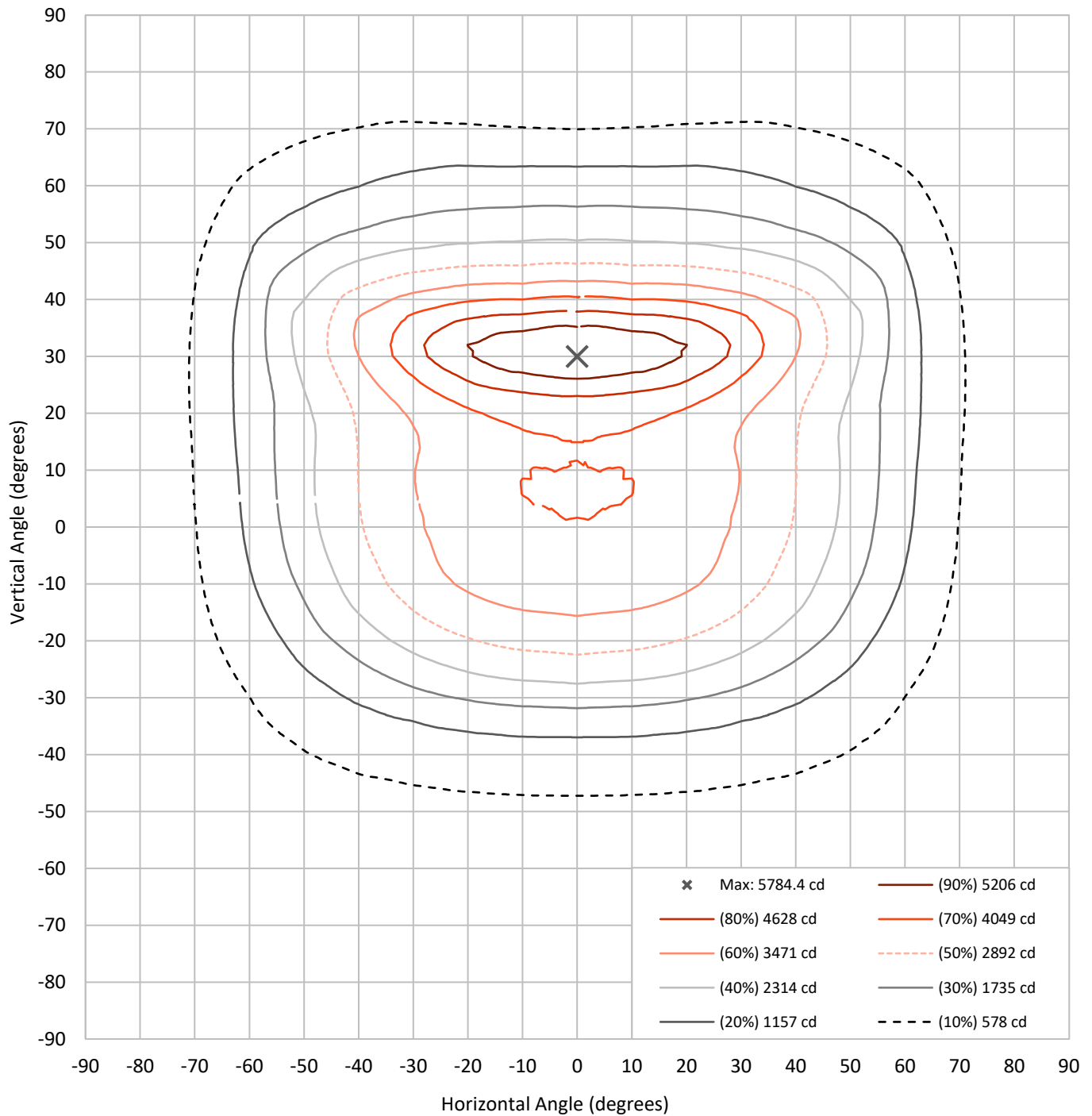
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9655.7 lumens	Max Intensity:	5784.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	151.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5614.9 lumens	Field Lumens:	9048.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 63.8
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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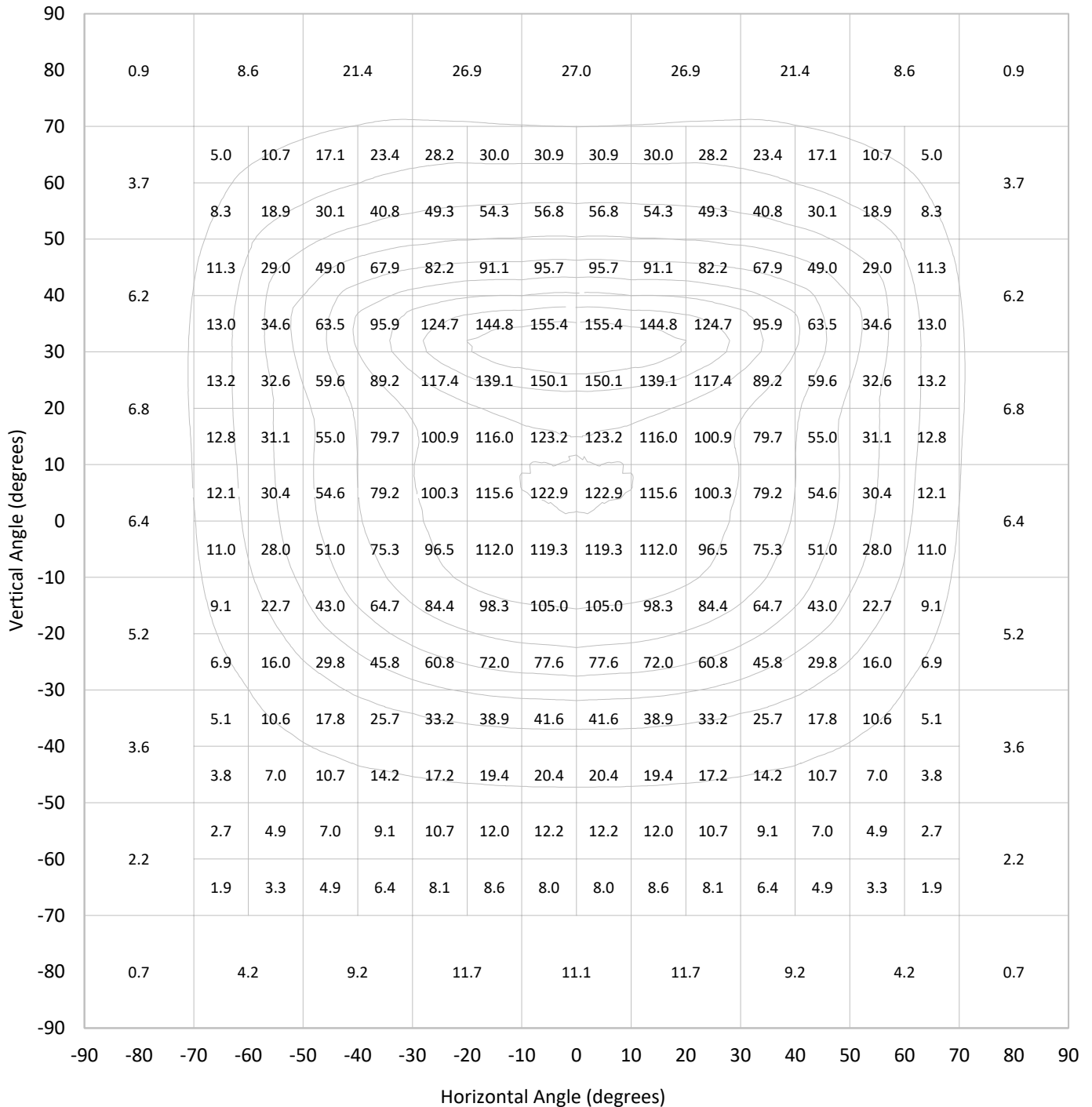
Iso-Candela Plot





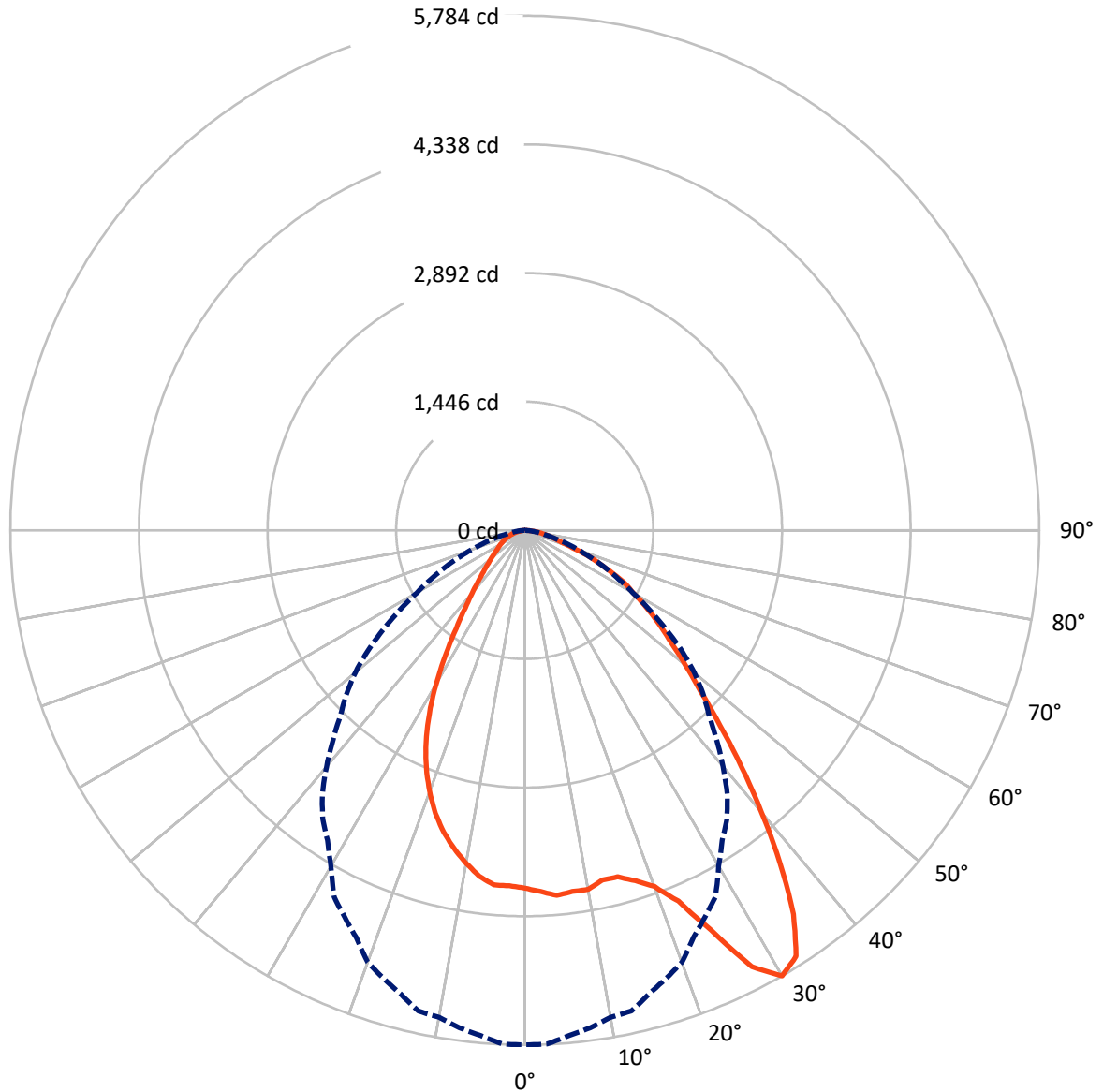
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Lumen Table



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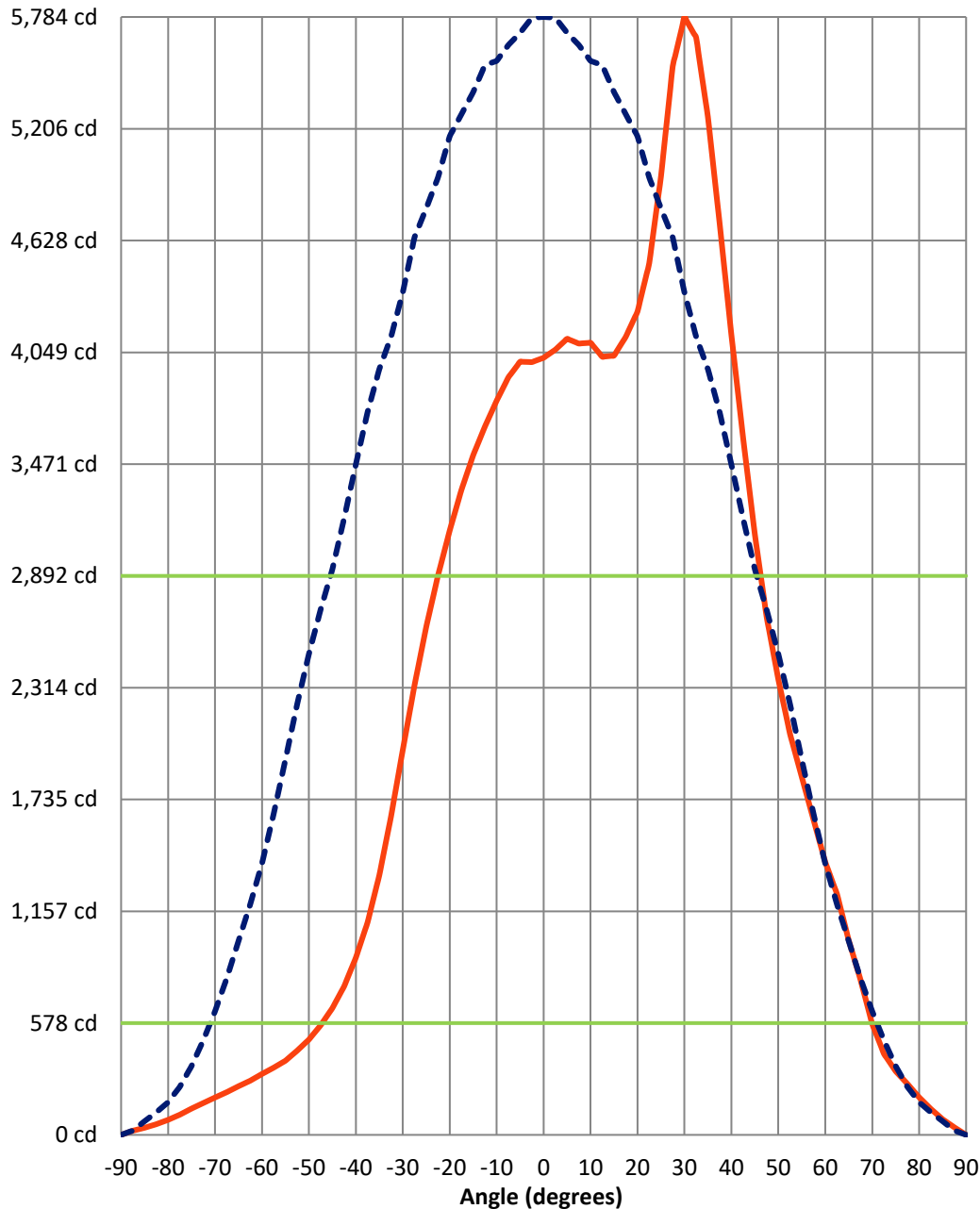
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 5614.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 9048.6
 Efficiency: 93.7%

Spill:
 Lumens: 607.1
 Efficiency: 6.3%

— 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°	38.9	39.9	40.9	40.9	39.9	39.9	39.9	38.9	39.9	39.9	39.9
85°	80.8	82.9	84.9	83.9	82.9	80.8	78.8	79.8	80.8	81.8	81.8
82.5°	134.0	137.1	139.1	138.1	136.0	134.0	132.0	133.0	135.0	136.0	136.0
80°	194.3	195.4	196.4	198.4	195.4	195.4	194.3	198.4	200.5	202.5	204.6
77.5°	263.9	264.9	264.9	266.0	267.0	268.0	268.0	275.2	280.3	283.3	286.4
75°	329.4	332.4	335.5	338.6	342.7	344.7	347.8	358.0	366.2	372.3	378.5
72.5°	419.4	423.5	428.6	435.7	442.9	448.0	455.2	467.5	476.7	482.8	490.0
70°	573.8	577.9	583.0	588.2	595.3	600.4	607.6	622.9	632.1	636.2	640.3
67.5°	803.0	813.2	822.4	812.2	807.1	799.9	801.9	816.3	825.5	831.6	830.6
65°	1006.5	1013.7	1013.7	1012.7	1008.6	999.4	1004.5	1021.9	1032.1	1037.2	1021.9
62.5°	1245.9	1245.9	1240.8	1248.9	1250.0	1243.8	1240.8	1241.8	1242.8	1245.9	1220.3
60°	1411.6	1421.8	1424.9	1432.0	1434.1	1434.1	1439.2	1443.3	1443.3	1437.2	1407.5
57.5°	1630.5	1649.9	1654.0	1648.9	1638.7	1625.4	1623.3	1617.2	1604.9	1592.6	1578.3
55°	1851.4	1861.7	1860.6	1857.6	1847.3	1832.0	1834.0	1825.9	1806.4	1791.1	1771.6
52.5°	2073.4	2097.9	2102.0	2095.9	2081.6	2065.2	2066.2	2057.0	2037.6	2021.2	1994.6
50°	2356.7	2377.2	2375.1	2364.9	2344.5	2332.2	2333.2	2315.8	2293.3	2288.2	2253.4
47.5°	2681.0	2704.5	2700.4	2686.1	2658.5	2653.4	2658.5	2636.0	2622.7	2611.4	2570.5
45°	3106.5	3134.1	3118.8	3091.2	3047.2	3052.3	3059.5	3055.4	3026.7	2997.1	2944.9
42.5°	3605.7	3623.1	3604.6	3577.0	3521.8	3532.0	3527.9	3503.4	3486.0	3436.9	3370.4
40°	4139.6	4177.5	4148.8	4105.9	4048.6	4063.9	4052.7	4021.0	3980.0	3918.7	3834.8
37.5°	4715.5	4745.2	4712.4	4662.3	4611.2	4606.1	4583.6	4534.5	4476.1	4408.6	4274.6
35°	5266.8	5343.6	5283.2	5203.4	5141.0	5117.5	5096.0	4982.5	4916.0	4806.5	4623.4
32.5°	5677.0	5733.3	5658.6	5575.7	5500.1	5467.3	5391.6	5256.6	5220.8	4990.7	4822.9
30°	5784.4	5780.3	5702.6	5639.2	5557.3	5534.8	5395.7	5281.2	5166.6	4953.8	4794.3
27.5°	5528.7	5503.1	5428.5	5373.2	5292.4	5265.8	5128.7	5067.4	4890.4	4710.4	4575.4
25°	4958.9	4972.2	4916.0	4888.4	4835.2	4777.9	4723.7	4640.8	4530.4	4372.8	4249.1
22.5°	4509.9	4527.3	4503.8	4471.0	4430.1	4398.4	4357.5	4293.1	4186.7	4089.5	3972.9
20°	4260.3	4255.2	4234.7	4210.2	4171.3	4148.8	4103.8	4049.6	3967.8	3883.9	3758.1
17.5°	4129.4	4097.7	4078.2	4069.0	4048.6	4019.9	3966.8	3911.5	3848.1	3753.0	3660.9
15°	4032.2	4037.3	4022.0	4014.8	3998.5	3958.6	3904.4	3859.3	3773.4	3725.3	3641.5
12.5°	4026.1	4021.0	4022.0	4018.9	3998.5	3947.3	3919.7	3862.4	3807.2	3743.8	3647.6
10°	4098.7	4044.5	4048.6	4062.9	4030.2	3989.3	3959.6	3897.2	3845.0	3764.2	3669.1
7.5°	4094.6	4067.0	4075.2	4051.6	4061.9	4011.8	3970.8	3908.4	3843.0	3757.1	3671.1
5°	4119.2	4077.2	4070.1	4072.1	4046.5	4008.7	3953.5	3894.1	3832.8	3736.6	3648.6
2.5°	4062.9	4069.0	4036.3	4024.0	4021.0	3957.5	3906.4	3849.1	3785.7	3700.8	3622.0
0°	4021.0	4032.2	3998.5	3981.1	3980.0	3925.8	3893.1	3827.6	3782.6	3712.1	3616.9
-2.5°	3998.5	4011.8	4015.8	3984.1	3953.5	3911.5	3856.3	3785.7	3712.1	3630.2	3548.4
-5°	4000.5	3973.9	3962.7	3972.9	3946.3	3904.4	3843.0	3780.6	3708.0	3620.0	3517.7
-7.5°	3919.7	3893.1	3891.1	3885.9	3879.8	3839.9	3788.8	3721.3	3647.6	3565.8	3470.7
-10°	3799.0	3779.6	3774.4	3769.3	3753.0	3729.4	3681.4	3620.0	3553.5	3471.7	3370.4
-12.5°	3665.0	3655.8	3636.4	3623.1	3606.7	3579.1	3533.0	3476.8	3410.3	3337.7	3250.7
-15°	3516.7	3499.3	3479.9	3468.6	3445.1	3412.3	3366.3	3314.1	3241.5	3169.9	3088.1
-17.5°	3337.7	3316.2	3294.7	3291.6	3275.3	3225.2	3182.2	3118.8	3055.4	2986.8	2907.0
-20°	3127.0	3097.3	3083.0	3074.8	3052.3	3015.5	2969.4	2911.1	2849.8	2784.3	2692.2



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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°	2893.7	2868.2	2843.6	2828.3	2808.8	2780.2	2736.2	2685.1	2624.7	2551.1	2466.2
-25°	2628.8	2593.0	2577.7	2560.3	2550.1	2523.5	2480.5	2433.4	2371.0	2299.4	2218.6
-27.5°	2326.0	2297.4	2289.2	2264.7	2252.4	2224.8	2189.0	2145.0	2087.7	2020.2	1953.7
-30°	1991.6	1974.2	1960.9	1936.3	1927.1	1897.5	1873.9	1837.1	1784.9	1736.9	1683.7
-32.5°	1647.9	1630.5	1626.4	1615.1	1609.0	1589.6	1563.0	1536.4	1494.4	1458.6	1415.7
-35°	1343.0	1330.8	1331.8	1330.8	1324.6	1310.3	1277.6	1270.4	1239.7	1207.0	1179.4
-37.5°	1099.6	1100.6	1099.6	1098.6	1090.4	1084.3	1060.7	1051.5	1033.1	1001.4	985.0
-40°	916.5	918.6	917.5	915.5	906.3	903.2	887.9	875.6	868.4	845.9	828.5
-42.5°	768.2	771.3	770.2	769.2	763.1	762.0	753.9	739.5	735.5	722.2	703.7
-45°	655.7	654.6	652.6	654.6	651.6	648.5	643.4	634.2	629.1	622.9	607.6
-47.5°	566.7	567.7	565.7	565.7	561.6	558.5	556.4	550.3	546.2	541.1	531.9
-50°	493.0	497.1	496.1	495.1	492.0	490.0	490.0	483.8	477.7	475.6	469.5
-52.5°	435.7	438.8	439.8	441.9	442.9	443.9	440.9	434.7	424.5	423.5	420.4
-55°	383.6	392.8	398.9	403.0	407.1	410.2	404.0	395.9	385.6	381.5	380.5
-57.5°	347.8	357.0	364.1	370.3	375.4	380.5	374.4	366.2	357.0	351.9	350.8
-60°	315.0	323.2	330.4	338.6	345.7	353.9	350.8	344.7	339.6	335.5	331.4
-62.5°	280.3	288.5	296.6	306.9	316.1	324.3	325.3	324.3	323.2	324.3	317.1
-65°	251.6	255.7	260.8	272.1	282.3	291.5	296.6	299.7	304.8	309.9	302.8
-67.5°	220.9	226.1	232.2	240.4	248.6	254.7	261.9	270.0	278.2	286.4	281.3
-70°	193.3	197.4	202.5	206.6	211.7	215.8	222.0	231.2	240.4	248.6	246.5
-72.5°	164.7	168.8	171.8	173.9	177.0	179.0	182.1	190.3	196.4	200.5	200.5
-75°	136.0	140.1	143.2	144.2	146.3	147.3	149.3	152.4	155.5	156.5	157.5
-77.5°	104.3	108.4	111.5	113.5	115.6	117.6	118.7	120.7	121.7	121.7	122.7
-80°	77.7	80.8	82.9	85.9	86.9	89.0	91.0	92.1	93.1	93.1	94.1
-82.5°	55.2	57.3	59.3	61.4	63.4	64.4	66.5	67.5	68.5	69.6	70.6
-85°	36.8	38.9	40.9	43.0	44.0	45.0	46.0	47.1	48.1	49.1	50.1
-87.5°	21.5	22.5	23.5	25.6	26.6	28.6	29.7	28.6	29.7	29.7	29.7
-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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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°	39.9	39.9	39.9	39.9	38.9	36.8	35.8	33.8	31.7	29.7	27.6
85°	82.9	83.9	83.9	83.9	81.8	80.8	77.7	74.7	70.6	64.4	59.3
82.5°	138.1	139.1	139.1	138.1	136.0	133.0	128.9	123.8	115.6	107.4	100.2
80°	207.6	208.7	208.7	207.6	202.5	197.4	192.3	186.2	175.9	164.7	152.4
77.5°	290.5	292.5	292.5	289.5	282.3	276.2	268.0	257.8	242.4	226.1	209.7
75°	386.7	391.8	392.8	389.7	380.5	369.3	356.0	338.6	315.0	294.6	275.2
72.5°	498.1	503.3	507.4	503.3	490.0	474.6	455.2	434.7	411.2	383.6	350.8
70°	644.4	649.5	652.6	639.3	615.8	590.2	566.7	543.2	515.5	481.8	446.0
67.5°	828.5	823.4	817.3	790.7	761.0	730.3	697.6	662.8	627.0	591.2	549.3
65°	1005.5	991.2	977.9	946.2	908.3	868.4	830.6	791.7	748.8	703.7	663.9
62.5°	1191.7	1161.0	1128.2	1089.4	1050.5	1006.5	968.7	922.6	874.6	819.3	768.2
60°	1374.8	1337.9	1305.2	1257.1	1206.0	1146.7	1105.7	1060.7	1004.5	945.1	884.8
57.5°	1551.7	1511.8	1476.0	1434.1	1378.8	1314.4	1269.4	1211.1	1151.8	1077.1	1015.7
55°	1739.9	1700.0	1671.4	1624.3	1564.0	1504.7	1455.6	1394.2	1311.3	1231.6	1155.9
52.5°	1955.8	1924.0	1893.4	1845.3	1772.7	1712.3	1658.1	1589.6	1502.6	1404.4	1313.4
50°	2197.2	2180.8	2148.1	2091.8	2008.9	1955.8	1884.2	1793.1	1700.0	1596.7	1483.2
47.5°	2517.3	2490.7	2444.7	2383.3	2313.8	2234.0	2137.8	2031.5	1899.5	1784.9	1664.2
45°	2899.9	2850.8	2791.5	2708.6	2622.7	2532.7	2427.3	2292.3	2115.3	1966.0	1839.1
42.5°	3314.1	3247.7	3166.9	3058.4	2946.9	2836.5	2722.9	2538.8	2317.9	2146.0	2002.8
40°	3746.8	3661.9	3560.7	3403.1	3279.4	3137.2	3007.3	2732.1	2496.9	2310.7	2158.3
37.5°	4170.3	4062.9	3893.1	3701.8	3557.6	3441.0	3155.6	2861.0	2650.3	2445.7	2291.3
35°	4494.6	4403.5	4103.8	3905.4	3781.6	3597.5	3240.5	2938.8	2715.8	2546.0	2305.6
32.5°	4686.9	4451.6	4188.7	3988.2	3885.9	3584.2	3246.6	2961.3	2746.4	2556.2	2268.8
30°	4643.9	4359.5	4129.4	3961.6	3739.7	3468.6	3189.4	2926.5	2717.8	2487.7	2227.8
27.5°	4385.1	4165.2	3959.6	3784.7	3566.8	3323.4	3065.6	2834.4	2640.1	2417.1	2171.6
25°	4092.6	3893.1	3740.7	3588.3	3381.7	3149.5	2922.4	2755.7	2560.3	2340.4	2097.9
22.5°	3823.5	3680.3	3560.7	3401.1	3199.6	2997.1	2855.9	2683.0	2482.5	2259.6	2022.2
20°	3651.7	3554.5	3417.5	3241.5	3083.0	2956.1	2799.6	2616.5	2409.9	2176.7	1957.8
17.5°	3568.8	3456.3	3303.9	3189.4	3067.6	2928.5	2753.6	2559.3	2339.3	2138.9	1965.0
15°	3525.9	3407.2	3307.0	3194.5	3057.4	2911.1	2716.8	2515.3	2339.3	2154.2	1970.1
12.5°	3535.1	3432.8	3323.4	3200.6	3053.3	2896.8	2720.9	2533.7	2351.6	2165.4	1971.1
10°	3563.7	3456.3	3339.7	3203.7	3055.4	2900.9	2732.1	2544.9	2357.8	2170.6	1969.1
7.5°	3574.0	3457.4	3332.6	3195.5	3050.2	2898.9	2734.2	2548.0	2358.8	2169.5	1962.9
5°	3542.3	3436.9	3316.2	3178.1	3035.9	2888.6	2726.0	2543.9	2350.6	2159.3	1947.6
2.5°	3499.3	3414.4	3298.8	3165.8	3021.6	2874.3	2712.7	2525.5	2332.2	2140.9	1928.1
0°	3492.1	3386.8	3270.2	3151.5	2998.1	2842.6	2682.0	2490.7	2298.4	2106.1	1894.4
-2.5°	3445.1	3333.6	3217.0	3088.1	2953.1	2796.6	2627.8	2440.6	2250.3	2061.1	1857.6
-5°	3409.3	3285.5	3161.7	3022.6	2886.6	2730.1	2555.2	2373.1	2186.9	2002.8	1806.4
-7.5°	3361.2	3234.4	3104.5	2959.2	2811.9	2652.3	2479.5	2297.4	2114.3	1931.2	1743.0
-10°	3264.0	3152.5	3030.8	2880.4	2725.0	2565.4	2393.6	2214.5	2031.5	1846.3	1657.1
-12.5°	3146.4	3028.8	2895.8	2757.7	2618.6	2470.3	2298.4	2122.5	1938.4	1752.2	1564.0
-15°	2994.0	2878.4	2742.4	2607.3	2473.3	2331.2	2179.8	2021.2	1834.0	1650.9	1462.7
-17.5°	2803.7	2695.3	2573.6	2444.7	2311.7	2168.5	2021.2	1887.2	1712.3	1540.5	1354.3
-20°	2599.2	2497.9	2388.4	2266.7	2133.7	1993.6	1854.5	1714.4	1563.0	1411.6	1238.7



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CATALOG NUMBER: IFLD-S-SA2A-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2386.4	2284.1	2173.6	2060.1	1937.3	1807.4	1678.6	1544.6	1411.6	1274.5	1128.2
-25°	2140.9	2050.9	1949.6	1839.1	1729.7	1616.2	1493.4	1371.7	1258.1	1139.5	1019.8
-27.5°	1884.2	1801.3	1709.2	1613.1	1519.0	1423.9	1317.5	1205.0	1110.9	1012.7	913.4
-30°	1614.1	1547.6	1473.0	1389.1	1316.5	1239.7	1150.7	1057.7	971.7	897.1	817.3
-32.5°	1358.4	1302.1	1248.9	1193.7	1122.1	1062.8	1001.4	932.9	857.2	786.6	729.3
-35°	1138.5	1078.1	1055.6	1014.7	963.6	911.4	866.4	817.3	760.0	697.6	650.6
-37.5°	953.3	917.5	885.8	863.3	829.6	787.6	751.8	716.0	672.0	625.0	577.9
-40°	809.1	784.6	749.8	738.5	717.0	688.4	651.6	624.0	594.3	558.5	518.6
-42.5°	693.5	675.1	652.6	633.2	624.0	603.5	574.9	548.3	524.7	500.2	469.5
-45°	598.4	586.1	571.8	554.4	547.2	530.9	510.4	480.8	467.5	447.0	424.5
-47.5°	521.7	515.5	505.3	494.1	483.8	471.6	453.1	434.7	416.3	403.0	385.6
-50°	461.3	457.2	451.1	441.9	428.6	420.4	408.1	391.8	374.4	363.1	350.8
-52.5°	413.2	409.2	405.1	397.9	387.7	379.5	369.3	356.0	341.6	330.4	320.2
-55°	376.4	370.3	367.2	361.1	352.9	343.7	334.5	325.3	313.0	302.8	292.5
-57.5°	347.8	339.6	335.5	330.4	322.2	313.0	305.8	296.6	288.5	277.2	268.0
-60°	325.3	316.1	307.9	302.8	295.6	286.4	279.2	272.1	263.9	254.7	243.4
-62.5°	306.9	295.6	284.4	278.2	271.1	262.9	255.7	248.6	240.4	231.2	220.9
-65°	289.5	276.2	261.9	255.7	248.6	240.4	231.2	226.1	218.9	210.7	200.5
-67.5°	268.0	253.7	241.4	234.2	227.1	219.9	211.7	206.6	199.5	189.2	179.0
-70°	236.3	227.1	218.9	212.8	206.6	200.5	192.3	184.1	175.9	166.7	157.5
-72.5°	196.4	193.3	192.3	189.2	182.1	174.9	166.7	158.5	151.4	144.2	137.1
-75°	158.5	160.6	162.6	161.6	154.5	147.3	140.1	133.0	127.9	121.7	115.6
-77.5°	125.8	127.9	129.9	129.9	124.8	120.7	115.6	110.5	106.4	101.3	95.1
-80°	97.2	100.2	103.3	105.4	101.3	98.2	94.1	90.0	85.9	81.8	77.7
-82.5°	73.6	76.7	79.8	81.8	78.8	76.7	73.6	70.6	67.5	63.4	60.4
-85°	53.2	55.2	57.3	58.3	56.3	54.2	52.2	50.1	48.1	45.0	43.0
-87.5°	30.7	31.7	32.7	33.8	31.7	29.7	28.6	26.6	25.6	23.5	22.5
-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):

	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°	25.6	23.5	21.5	20.5	18.4	15.3	13.3	11.3	9.2	7.2	6.1
85°	54.2	49.1	43.0	39.9	35.8	31.7	27.6	23.5	19.4	15.3	11.3
82.5°	93.1	86.9	80.8	73.6	64.4	53.2	41.9	34.8	28.6	22.5	17.4
80°	140.1	128.9	118.7	109.4	99.2	84.9	69.6	55.2	38.9	29.7	22.5
77.5°	194.3	181.1	166.7	151.4	135.0	115.6	98.2	79.8	60.4	40.9	28.6
75°	255.7	238.3	218.9	197.4	175.9	150.4	125.8	104.3	81.8	57.3	34.8
72.5°	324.3	302.8	279.2	250.6	216.9	187.2	157.5	128.9	102.3	72.6	47.1
70°	412.2	378.5	343.7	313.0	270.0	223.0	188.2	155.5	121.7	89.0	59.3
67.5°	506.3	465.4	423.5	378.5	324.3	269.0	218.9	182.1	142.2	104.3	70.6
65°	608.6	557.5	504.3	454.2	379.5	314.0	257.8	207.6	161.6	118.7	81.8
62.5°	714.0	653.6	592.3	526.8	440.9	360.1	294.6	236.3	180.0	132.0	92.1
60°	826.5	755.9	681.2	599.4	499.2	410.2	329.4	266.0	199.5	145.2	103.3
57.5°	945.1	868.4	780.5	670.0	559.5	458.3	369.3	292.5	216.9	157.5	111.5
55°	1074.0	986.1	889.9	743.6	618.8	506.3	409.2	319.1	235.3	167.8	119.7
52.5°	1213.1	1110.9	989.1	821.4	681.2	555.4	446.0	342.7	252.7	179.0	126.8
50°	1368.6	1239.7	1076.1	893.0	735.5	601.5	482.8	368.2	267.0	191.3	133.0
47.5°	1530.2	1391.1	1153.8	959.5	790.7	646.5	520.6	390.7	281.3	201.5	139.1
45°	1699.0	1496.5	1234.6	1018.8	838.8	687.4	549.3	411.2	298.7	210.7	144.2
42.5°	1865.7	1576.3	1305.2	1078.1	883.8	724.2	572.8	430.6	313.0	219.9	149.3
40°	1944.5	1636.6	1361.5	1119.0	921.6	756.9	593.3	448.0	325.3	226.1	154.5
37.5°	1977.2	1673.4	1398.3	1157.9	951.3	774.3	610.7	463.4	335.5	232.2	158.5
35°	1984.4	1686.7	1416.7	1184.5	975.8	790.7	624.0	474.6	343.7	238.3	162.6
32.5°	1971.1	1682.6	1421.8	1193.7	991.2	803.0	633.2	482.8	349.8	244.5	166.7
30°	1941.4	1661.2	1403.4	1192.7	1002.4	810.1	639.3	488.9	356.0	248.6	168.8
27.5°	1893.4	1623.3	1379.9	1193.7	1008.6	813.2	642.4	492.0	360.1	251.6	172.9
25°	1834.0	1572.2	1380.9	1191.7	1009.6	814.2	642.4	492.0	361.1	252.7	175.9
22.5°	1765.5	1572.2	1380.9	1188.6	1003.5	812.2	639.3	490.0	361.1	254.7	179.0
20°	1769.6	1573.2	1377.8	1182.5	994.2	806.0	632.1	484.8	358.0	257.8	181.1
17.5°	1772.7	1571.2	1371.7	1174.3	982.0	795.8	622.9	477.7	358.0	260.8	182.1
15°	1772.7	1565.0	1362.5	1162.0	966.6	781.5	609.6	471.6	359.0	261.9	184.1
12.5°	1769.6	1553.8	1348.2	1145.6	948.2	764.1	601.5	469.5	359.0	262.9	184.1
10°	1763.5	1538.4	1329.8	1125.2	930.8	758.0	597.4	465.4	357.0	262.9	184.1
7.5°	1752.2	1520.0	1314.4	1112.9	920.6	750.8	591.2	459.3	353.9	260.8	186.2
5°	1734.8	1509.8	1302.1	1098.6	906.3	745.7	587.1	454.2	351.9	260.8	184.1
2.5°	1712.3	1497.5	1287.8	1080.2	889.9	728.3	573.8	442.9	344.7	256.7	182.1
0°	1675.5	1473.0	1263.3	1054.6	867.4	710.9	560.5	431.7	337.6	252.7	180.0
-2.5°	1641.7	1440.2	1231.6	1028.0	845.9	695.6	550.3	425.5	334.5	251.6	179.0
-5°	1594.7	1395.2	1189.6	993.2	817.3	680.2	540.1	418.4	331.4	249.6	179.0
-7.5°	1542.5	1348.2	1145.6	957.4	788.6	653.6	520.6	407.1	324.3	245.5	178.0
-10°	1461.7	1277.6	1090.4	916.5	758.0	630.1	504.3	396.9	318.1	241.4	173.9
-12.5°	1375.8	1199.8	1027.0	866.4	723.2	605.5	485.9	385.6	311.0	237.3	171.8
-15°	1284.7	1120.1	960.5	814.2	685.3	575.9	466.4	373.4	303.8	232.2	168.8
-17.5°	1189.6	1036.2	892.0	761.0	647.5	545.2	446.0	362.1	295.6	227.1	165.7
-20°	1089.4	950.3	822.4	706.8	607.6	514.5	424.5	348.8	286.4	220.9	161.6



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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°	990.2	865.4	750.8	653.6	566.7	482.8	403.0	335.5	276.2	213.8	158.5
-25°	902.2	785.6	687.4	602.5	526.8	452.1	380.5	322.2	264.9	206.6	154.5
-27.5°	816.3	717.0	625.0	554.4	487.9	422.5	359.0	307.9	253.7	198.4	150.4
-30°	736.5	651.6	575.9	507.4	451.1	395.9	340.6	293.6	241.4	190.3	145.2
-32.5°	663.9	595.3	531.9	466.4	416.3	369.3	323.2	279.2	229.1	182.1	140.1
-35°	596.3	543.2	487.9	432.7	381.5	344.7	304.8	263.9	217.9	172.9	135.0
-37.5°	536.0	493.0	449.0	402.0	358.0	321.2	287.4	248.6	206.6	164.7	129.9
-40°	483.8	449.0	410.2	372.3	335.5	300.7	270.0	233.2	195.4	158.5	124.8
-42.5°	435.7	409.2	377.4	345.7	313.0	282.3	252.7	216.9	184.1	151.4	119.7
-45°	398.9	372.3	346.8	318.1	290.5	263.9	234.2	202.5	173.9	143.2	114.6
-47.5°	364.1	340.6	317.1	293.6	271.1	246.5	216.9	190.3	162.6	136.0	110.5
-50°	333.5	311.0	290.5	270.0	250.6	227.1	199.5	178.0	153.4	128.9	105.4
-52.5°	304.8	285.4	264.9	248.6	232.2	208.7	186.2	165.7	144.2	120.7	100.2
-55°	279.2	260.8	242.4	227.1	211.7	191.3	172.9	155.5	135.0	114.6	95.1
-57.5°	254.7	239.4	222.0	207.6	192.3	175.9	160.6	144.2	125.8	108.4	90.0
-60°	232.2	217.9	202.5	188.2	174.9	161.6	147.3	134.0	117.6	101.3	84.9
-62.5°	209.7	197.4	184.1	169.8	159.6	147.3	136.0	122.7	109.4	95.1	75.7
-65°	189.2	178.0	165.7	153.4	144.2	135.0	124.8	112.5	101.3	88.0	67.5
-67.5°	168.8	158.5	148.3	138.1	129.9	122.7	112.5	103.3	94.1	79.8	59.3
-70°	149.3	141.2	132.0	123.8	117.6	109.4	102.3	94.1	85.9	69.6	50.1
-72.5°	130.9	122.7	115.6	109.4	104.3	97.2	91.0	84.9	73.6	58.3	41.9
-75°	109.4	104.3	100.2	95.1	90.0	84.9	79.8	72.6	61.4	47.1	32.7
-77.5°	90.0	86.9	83.9	79.8	75.7	71.6	65.5	58.3	49.1	36.8	26.6
-80°	73.6	70.6	68.5	64.4	61.4	57.3	51.1	45.0	35.8	28.6	21.5
-82.5°	56.3	54.2	52.2	50.1	47.1	43.0	36.8	31.7	26.6	21.5	16.4
-85°	39.9	38.9	36.8	34.8	31.7	28.6	24.5	21.5	18.4	14.3	11.3
-87.5°	20.5	19.4	18.4	17.4	16.4	14.3	12.3	10.2	9.2	7.2	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



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.1	3.1	1.0	0.0
85°	8.2	5.1	2.0	0.0
82.5°	12.3	8.2	3.1	0.0
80°	16.4	10.2	5.1	0.0
77.5°	20.5	12.3	6.1	0.0
75°	24.5	15.3	7.2	0.0
72.5°	27.6	17.4	8.2	0.0
70°	32.7	20.5	9.2	0.0
67.5°	40.9	22.5	10.2	0.0
65°	48.1	24.5	11.3	0.0
62.5°	56.3	26.6	12.3	0.0
60°	63.4	28.6	13.3	0.0
57.5°	70.6	33.8	14.3	0.0
55°	76.7	37.8	15.3	0.0
52.5°	83.9	41.9	16.4	0.0
50°	90.0	46.0	17.4	0.0
47.5°	95.1	50.1	17.4	0.0
45°	99.2	53.2	18.4	0.0
42.5°	102.3	56.3	19.4	0.0
40°	105.4	59.3	20.5	0.0
37.5°	108.4	62.4	20.5	0.0
35°	111.5	65.5	21.5	0.0
32.5°	114.6	68.5	21.5	0.0
30°	116.6	70.6	22.5	0.0
27.5°	119.7	72.6	22.5	0.0
25°	120.7	74.7	23.5	0.0
22.5°	122.7	75.7	23.5	0.0
20°	124.8	77.7	23.5	0.0
17.5°	125.8	78.8	24.5	0.0
15°	125.8	79.8	25.6	0.0
12.5°	126.8	80.8	25.6	0.0
10°	126.8	82.9	24.5	0.0
7.5°	128.9	81.8	24.5	0.0
5°	127.9	81.8	24.5	0.0
2.5°	126.8	80.8	24.5	0.0
0°	125.8	80.8	24.5	0.0
-2.5°	125.8	80.8	24.5	0.0
-5°	125.8	80.8	24.5	0.0
-7.5°	124.8	81.8	24.5	0.0
-10°	122.7	81.8	24.5	0.0
-12.5°	121.7	78.8	24.5	0.0
-15°	120.7	77.7	24.5	0.0
-17.5°	118.7	76.7	23.5	0.0
-20°	116.6	75.7	23.5	0.0



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CATALOG NUMBER: IFLD-S-SA2A-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	114.6	73.6	23.5	0.0
-25°	112.5	71.6	22.5	0.0
-27.5°	110.5	69.6	22.5	0.0
-30°	107.4	67.5	21.5	0.0
-32.5°	104.3	65.5	21.5	0.0
-35°	102.3	62.4	20.5	0.0
-37.5°	99.2	59.3	20.5	0.0
-40°	96.2	56.3	19.4	0.0
-42.5°	93.1	53.2	18.4	0.0
-45°	89.0	50.1	18.4	0.0
-47.5°	85.9	47.1	17.4	0.0
-50°	80.8	43.0	16.4	0.0
-52.5°	74.7	38.9	15.3	0.0
-55°	68.5	35.8	14.3	0.0
-57.5°	62.4	31.7	14.3	0.0
-60°	56.3	27.6	13.3	0.0
-62.5°	50.1	25.6	12.3	0.0
-65°	44.0	23.5	11.3	0.0
-67.5°	36.8	20.5	10.2	0.0
-70°	30.7	18.4	9.2	0.0
-72.5°	26.6	16.4	8.2	0.0
-75°	22.5	14.3	7.2	0.0
-77.5°	19.4	12.3	6.1	0.0
-80°	15.3	9.2	4.1	0.0
-82.5°	11.3	7.2	3.1	0.0
-85°	7.2	5.1	2.0	0.0
-87.5°	4.1	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)