

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: P722250

Luminaire Tested: **IFLD-S-SA2B-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722250
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

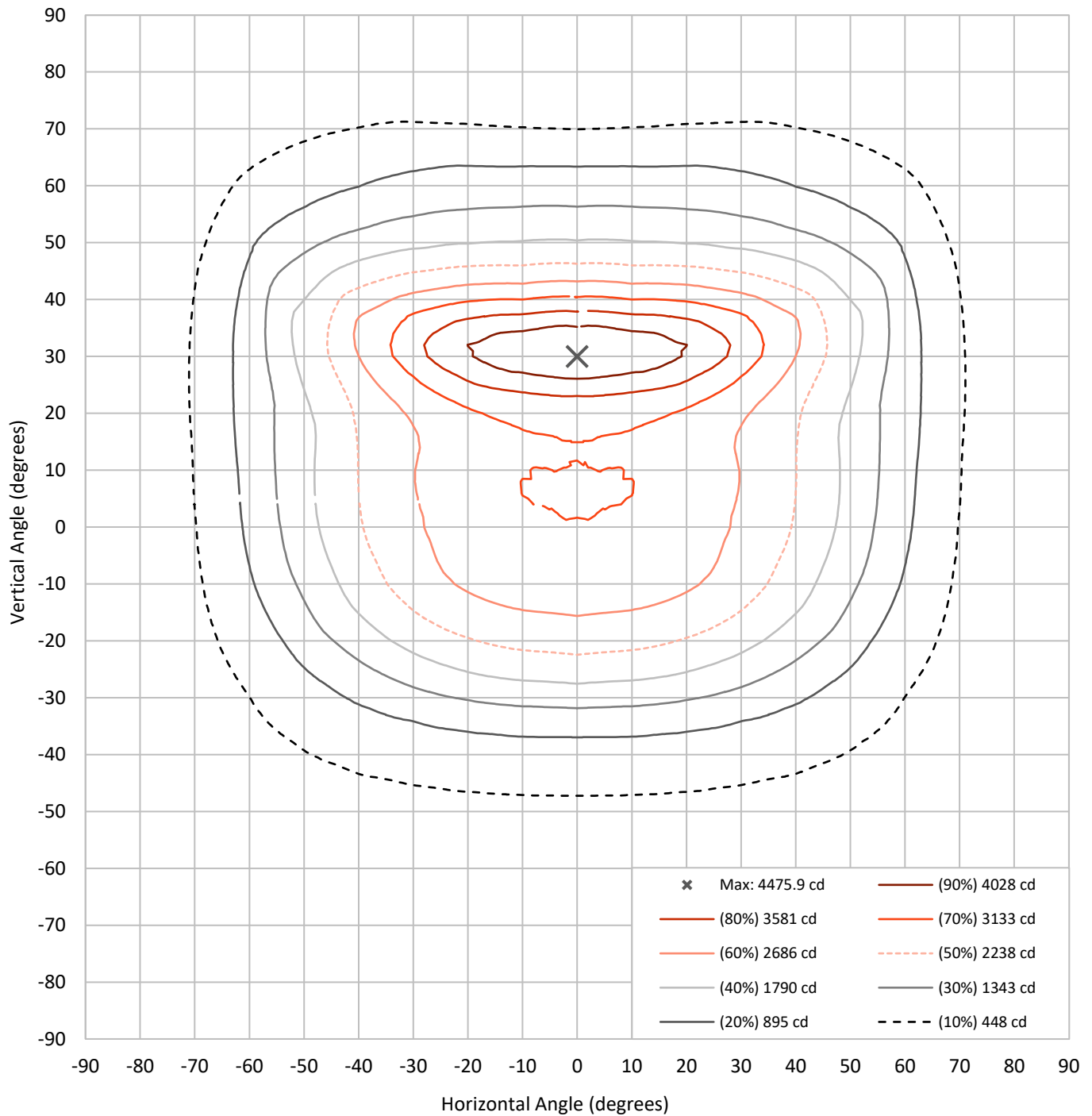
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 7471.4 lumens	Max Intensity: 4475.9 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 90.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 4344.7 lumens	Field Lumens: 7001.7 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 82.4
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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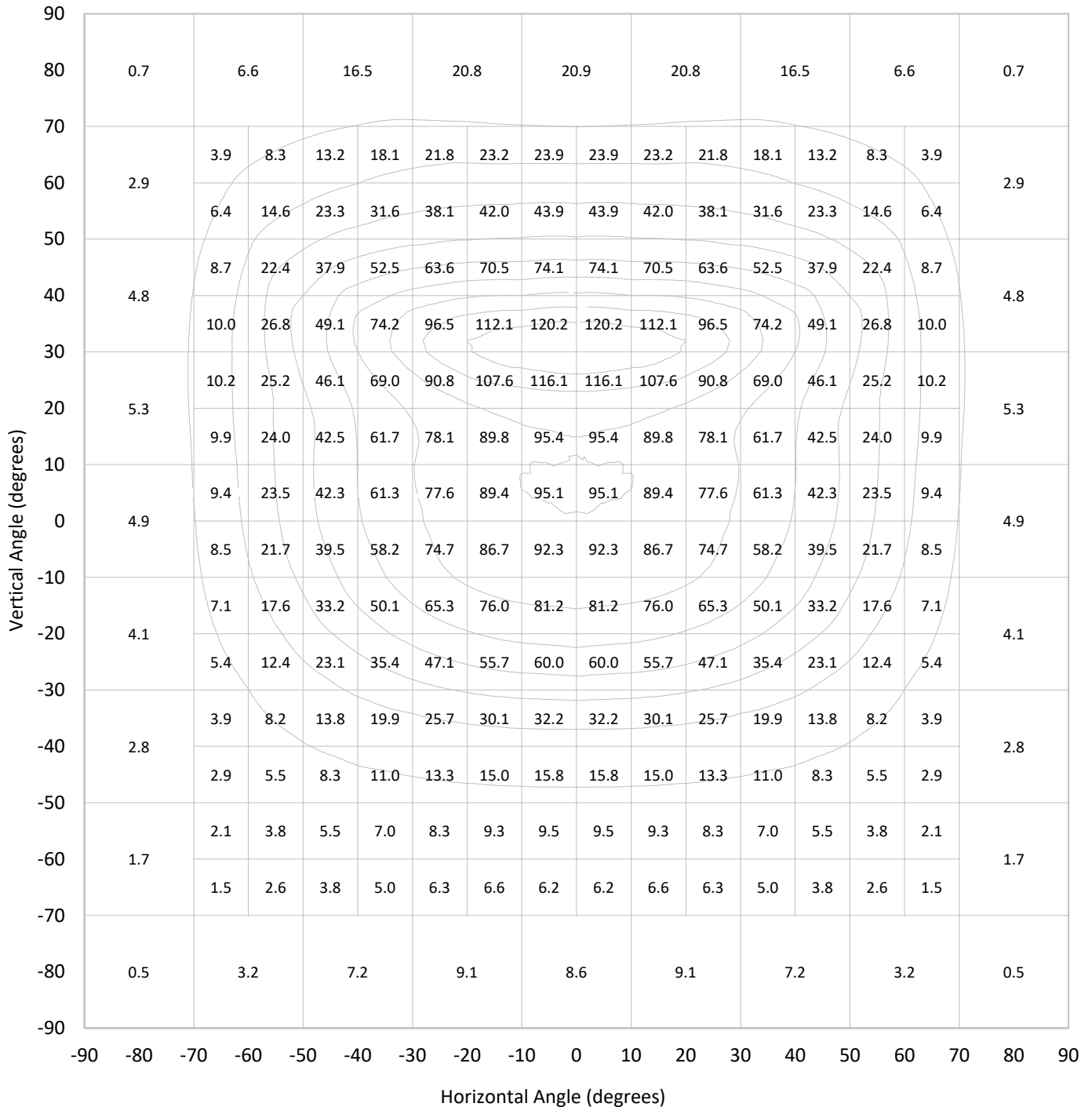
Iso-Candela Plot





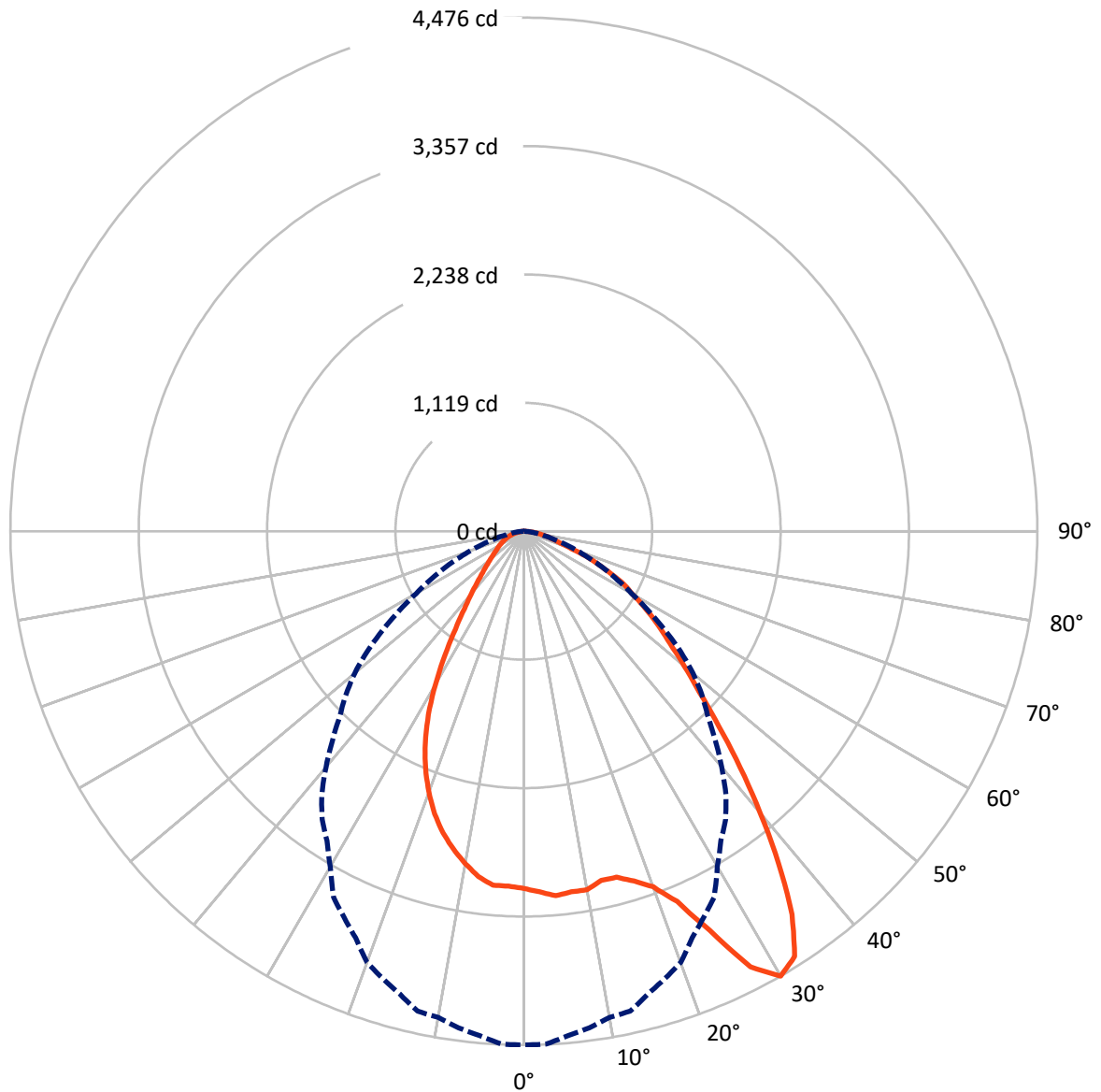
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Lumen Table



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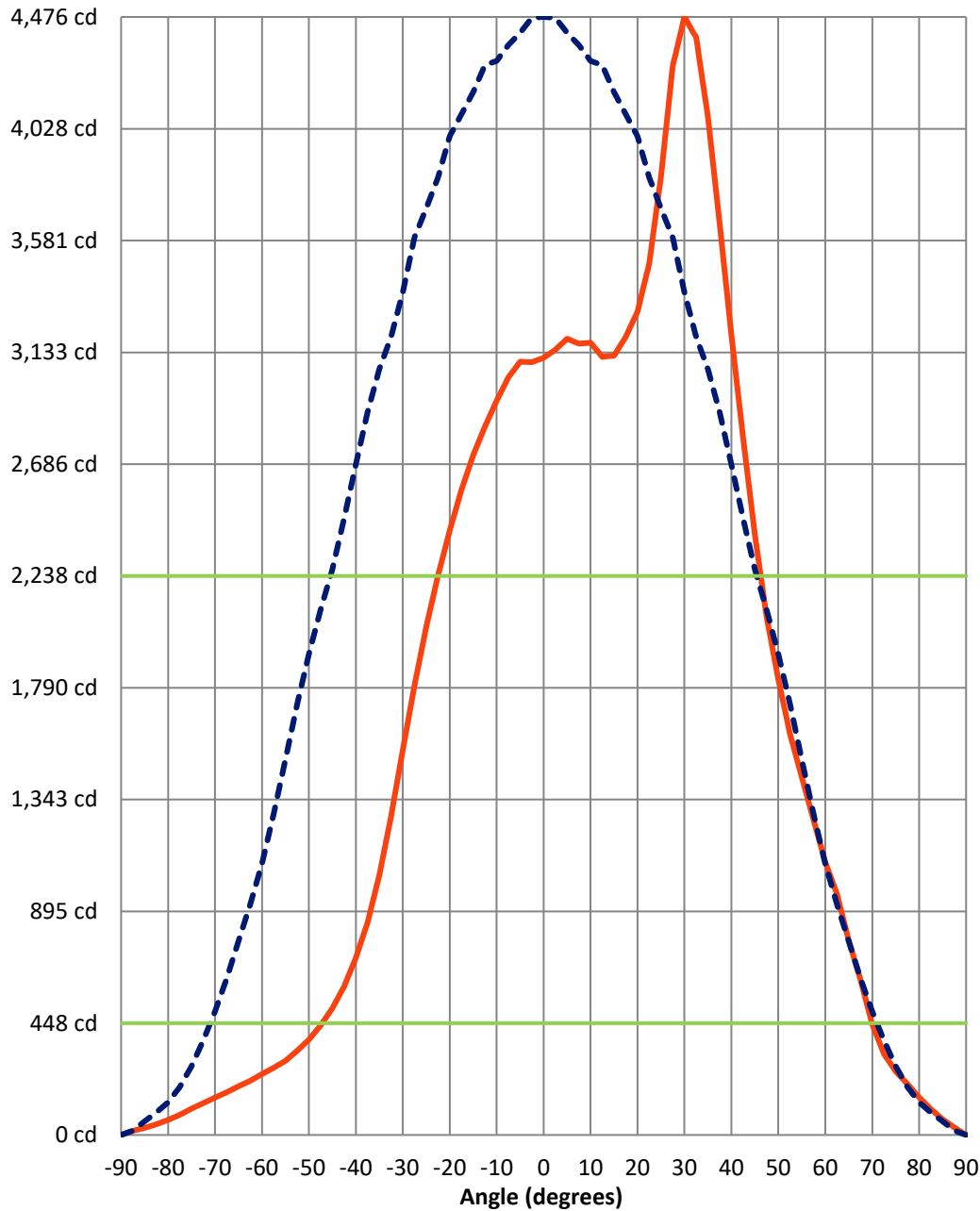
Luminous Intensity Polar Plot



— 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: 4344.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 7001.7
 Efficiency: 93.7%

Spill:
 Lumens: 469.7
 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°	30.1	30.9	31.7	31.7	30.9	30.9	30.9	30.1	30.9	30.9	30.9
85°	62.5	64.1	65.7	64.9	64.1	62.5	60.9	61.7	62.5	63.3	63.3
82.5°	103.7	106.1	107.6	106.9	105.3	103.7	102.1	102.9	104.5	105.3	105.3
80°	150.4	151.2	152.0	153.6	151.2	151.2	150.4	153.6	155.1	156.7	158.3
77.5°	204.2	205.0	205.0	205.8	206.6	207.4	207.4	212.9	216.9	219.2	221.6
75°	254.9	257.2	259.6	262.0	265.2	266.7	269.1	277.0	283.4	288.1	292.9
72.5°	324.5	327.7	331.6	337.2	342.7	346.7	352.2	361.7	368.8	373.6	379.1
70°	444.0	447.2	451.2	455.1	460.7	464.6	470.1	482.0	489.1	492.3	495.5
67.5°	621.3	629.2	636.4	628.4	624.5	619.0	620.5	631.6	638.7	643.5	642.7
65°	778.8	784.4	784.4	783.6	780.4	773.3	777.2	790.7	798.6	802.6	790.7
62.5°	964.0	964.0	960.1	966.4	967.2	962.5	960.1	960.9	961.7	964.0	944.3
60°	1092.3	1100.2	1102.6	1108.1	1109.7	1109.7	1113.6	1116.8	1116.8	1112.1	1089.1
57.5°	1261.6	1276.7	1279.8	1275.9	1268.0	1257.7	1256.1	1251.4	1241.9	1232.4	1221.3
55°	1432.6	1440.5	1439.7	1437.4	1429.4	1417.6	1419.2	1412.8	1397.8	1385.9	1370.9
52.5°	1604.4	1623.4	1626.5	1621.8	1610.7	1598.0	1598.8	1591.7	1576.7	1564.0	1543.4
50°	1823.6	1839.4	1837.9	1829.9	1814.1	1804.6	1805.4	1791.9	1774.5	1770.6	1743.7
47.5°	2074.5	2092.7	2089.6	2078.5	2057.1	2053.1	2057.1	2039.7	2029.4	2020.7	1989.0
45°	2403.8	2425.1	2413.3	2391.9	2357.9	2361.8	2367.4	2364.2	2342.0	2319.1	2278.7
42.5°	2790.0	2803.5	2789.2	2767.9	2725.1	2733.0	2729.9	2710.9	2697.4	2659.4	2608.0
40°	3203.2	3232.5	3210.3	3177.1	3132.7	3144.6	3135.9	3111.4	3079.7	3032.2	2967.3
37.5°	3648.8	3671.8	3646.4	3607.6	3568.1	3564.1	3546.7	3508.7	3463.6	3411.4	3307.7
35°	4075.4	4134.8	4088.1	4026.3	3978.1	3959.9	3943.2	3855.4	3803.9	3719.2	3577.6
32.5°	4392.8	4436.3	4378.6	4314.4	4255.9	4230.5	4172.0	4067.5	4039.8	3861.7	3731.9
30°	4475.9	4472.7	4412.6	4363.5	4300.2	4282.8	4175.1	4086.5	3997.8	3833.2	3709.7
27.5°	4278.0	4258.3	4200.5	4157.7	4095.2	4074.6	3968.6	3921.1	3784.1	3644.8	3540.4
25°	3837.2	3847.5	3803.9	3782.6	3741.4	3697.1	3655.1	3591.0	3505.5	3383.6	3287.9
22.5°	3489.7	3503.2	3485.0	3459.6	3428.0	3403.4	3371.8	3321.9	3239.6	3164.4	3074.2
20°	3296.6	3292.6	3276.8	3257.8	3227.7	3210.3	3175.5	3133.5	3070.2	3005.3	2908.0
17.5°	3195.3	3170.7	3155.7	3148.6	3132.7	3110.6	3069.4	3026.7	2977.6	2904.0	2832.8
15°	3120.1	3124.0	3112.2	3106.6	3094.0	3063.1	3021.1	2986.3	2919.8	2882.6	2817.7
12.5°	3115.3	3111.4	3112.2	3109.8	3094.0	3054.4	3033.0	2988.7	2946.0	2896.9	2822.5
10°	3171.5	3129.6	3132.7	3143.8	3118.5	3086.8	3063.9	3015.6	2975.2	2912.7	2839.1
7.5°	3168.4	3147.0	3153.3	3135.1	3143.0	3104.2	3072.6	3024.3	2973.7	2907.2	2840.7
5°	3187.4	3154.9	3149.4	3150.9	3131.2	3101.9	3059.1	3013.2	2965.7	2891.3	2823.3
2.5°	3143.8	3148.6	3123.2	3113.7	3111.4	3062.3	3022.7	2978.4	2929.3	2863.6	2802.7
0°	3111.4	3120.1	3094.0	3080.5	3079.7	3037.8	3012.4	2961.8	2927.0	2872.3	2798.7
-2.5°	3094.0	3104.2	3107.4	3082.9	3059.1	3026.7	2983.9	2929.3	2872.3	2809.0	2745.7
-5°	3095.5	3075.0	3066.3	3074.2	3053.6	3021.1	2973.7	2925.4	2869.2	2801.1	2722.0
-7.5°	3033.0	3012.4	3010.9	3006.9	3002.1	2971.3	2931.7	2879.5	2822.5	2759.2	2685.5
-10°	2939.6	2924.6	2920.6	2916.7	2904.0	2885.8	2848.6	2801.1	2749.7	2686.3	2608.0
-12.5°	2835.9	2828.8	2813.8	2803.5	2790.8	2769.4	2733.8	2690.3	2638.8	2582.7	2515.4
-15°	2721.2	2707.7	2692.7	2684.0	2665.8	2640.4	2604.8	2564.4	2508.3	2452.8	2389.5
-17.5°	2582.7	2566.0	2549.4	2547.0	2534.4	2495.6	2462.3	2413.3	2364.2	2311.2	2249.4
-20°	2419.6	2396.7	2385.6	2379.2	2361.8	2333.3	2297.7	2252.6	2205.1	2154.5	2083.2



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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°	2239.1	2219.4	2200.4	2188.5	2173.4	2151.3	2117.3	2077.7	2031.0	1974.0	1908.3
-25°	2034.1	2006.4	1994.6	1981.1	1973.2	1952.6	1919.4	1883.0	1834.7	1779.3	1716.8
-27.5°	1799.9	1777.7	1771.4	1752.4	1742.9	1721.5	1693.8	1659.8	1615.4	1563.2	1511.8
-30°	1541.0	1527.6	1517.3	1498.3	1491.2	1468.2	1450.0	1421.5	1381.2	1344.0	1302.8
-32.5°	1275.1	1261.6	1258.5	1249.8	1245.0	1230.0	1209.4	1188.8	1156.4	1128.7	1095.4
-35°	1039.2	1029.7	1030.5	1029.7	1025.0	1013.9	988.6	983.0	959.3	934.0	912.6
-37.5°	850.9	851.7	850.9	850.1	843.7	839.0	820.8	813.7	799.4	774.9	762.2
-40°	709.2	710.8	710.0	708.4	701.3	698.9	687.0	677.5	672.0	654.6	641.1
-42.5°	594.4	596.8	596.0	595.2	590.5	589.7	583.3	572.3	569.1	558.8	544.5
-45°	507.3	506.6	505.0	506.6	504.2	501.8	497.9	490.7	486.8	482.0	470.1
-47.5°	438.5	439.3	437.7	437.7	434.5	432.2	430.6	425.8	422.7	418.7	411.6
-50°	381.5	384.7	383.9	383.1	380.7	379.1	379.1	374.4	369.6	368.0	363.3
-52.5°	337.2	339.6	340.3	341.9	342.7	343.5	341.1	336.4	328.5	327.7	325.3
-55°	296.8	303.9	308.7	311.8	315.0	317.4	312.6	306.3	298.4	295.2	294.4
-57.5°	269.1	276.2	281.8	286.5	290.5	294.4	289.7	283.4	276.2	272.3	271.5
-60°	243.8	250.1	255.7	262.0	267.5	273.9	271.5	266.7	262.8	259.6	256.4
-62.5°	216.9	223.2	229.5	237.4	244.6	250.9	251.7	250.9	250.1	250.9	245.4
-65°	194.7	197.9	201.8	210.5	218.5	225.6	229.5	231.9	235.9	239.8	234.3
-67.5°	171.0	174.9	179.7	186.0	192.3	197.1	202.6	209.0	215.3	221.6	217.7
-70°	149.6	152.8	156.7	159.9	163.8	167.0	171.8	178.9	186.0	192.3	190.8
-72.5°	127.4	130.6	133.0	134.6	136.9	138.5	140.9	147.2	152.0	155.1	155.1
-75°	105.3	108.4	110.8	111.6	113.2	114.0	115.6	117.9	120.3	121.1	121.9
-77.5°	80.7	83.9	86.3	87.9	89.4	91.0	91.8	93.4	94.2	94.2	95.0
-80°	60.2	62.5	64.1	66.5	67.3	68.9	70.4	71.2	72.0	72.0	72.8
-82.5°	42.7	44.3	45.9	47.5	49.1	49.9	51.4	52.2	53.0	53.8	54.6
-85°	28.5	30.1	31.7	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8
-87.5°	16.6	17.4	18.2	19.8	20.6	22.2	23.0	22.2	23.0	23.0	23.0
-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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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°	30.9	30.9	30.9	30.9	30.1	28.5	27.7	26.1	24.5	23.0	21.4
85°	64.1	64.9	64.9	64.9	63.3	62.5	60.2	57.8	54.6	49.9	45.9
82.5°	106.9	107.6	107.6	106.9	105.3	102.9	99.7	95.8	89.4	83.1	77.6
80°	160.7	161.5	161.5	160.7	156.7	152.8	148.8	144.1	136.1	127.4	117.9
77.5°	224.8	226.4	226.4	224.0	218.5	213.7	207.4	199.5	187.6	174.9	162.3
75°	299.2	303.1	303.9	301.6	294.4	285.7	275.4	262.0	243.8	228.0	212.9
72.5°	385.5	389.4	392.6	389.4	379.1	367.3	352.2	336.4	318.2	296.8	271.5
70°	498.6	502.6	505.0	494.7	476.5	456.7	438.5	420.3	398.9	372.8	345.1
67.5°	641.1	637.2	632.4	611.8	588.9	565.1	539.8	512.9	485.2	457.5	425.0
65°	778.0	767.0	756.7	732.1	702.8	672.0	642.7	612.6	579.4	544.5	513.7
62.5°	922.1	898.3	873.0	842.9	812.9	778.8	749.5	713.9	676.7	634.0	594.4
60°	1063.8	1035.3	1009.9	972.7	933.2	887.3	855.6	820.8	777.2	731.3	684.6
57.5°	1200.7	1169.8	1142.1	1109.7	1066.9	1017.1	982.2	937.1	891.2	833.4	786.0
55°	1346.3	1315.5	1293.3	1256.9	1210.2	1164.3	1126.3	1078.8	1014.7	953.0	894.4
52.5°	1513.3	1488.8	1465.1	1427.9	1371.7	1325.0	1283.0	1230.0	1162.7	1086.7	1016.3
50°	1700.1	1687.5	1662.1	1618.6	1554.5	1513.3	1457.9	1387.5	1315.5	1235.5	1147.7
47.5°	1947.9	1927.3	1891.7	1844.2	1790.4	1728.6	1654.2	1571.9	1469.8	1381.2	1287.8
45°	2243.9	2205.9	2160.0	2095.9	2029.4	1959.7	1878.2	1773.7	1636.8	1521.3	1423.1
42.5°	2564.4	2513.0	2450.5	2366.6	2280.3	2194.8	2107.0	1964.5	1793.5	1660.6	1549.8
40°	2899.3	2833.6	2755.2	2633.3	2537.5	2427.5	2327.0	2114.1	1932.0	1788.0	1670.1
37.5°	3226.9	3143.8	3012.4	2864.4	2752.8	2662.6	2441.8	2213.8	2050.8	1892.5	1773.0
35°	3477.8	3407.4	3175.5	3021.9	2926.2	2783.7	2507.5	2274.0	2101.4	1970.0	1784.0
32.5°	3626.6	3444.6	3241.2	3086.0	3006.9	2773.4	2512.2	2291.4	2125.2	1977.9	1755.5
30°	3593.4	3373.4	3195.3	3065.5	2893.7	2684.0	2467.9	2264.5	2103.0	1924.9	1723.9
27.5°	3393.1	3223.0	3063.9	2928.5	2759.9	2571.6	2372.1	2193.2	2042.9	1870.3	1680.3
25°	3166.8	3012.4	2894.5	2776.6	2616.7	2437.0	2261.3	2132.3	1981.1	1810.9	1623.4
22.5°	2958.6	2847.8	2755.2	2631.7	2475.8	2319.1	2209.9	2076.1	1921.0	1748.4	1564.8
20°	2825.6	2750.5	2644.4	2508.3	2385.6	2287.4	2166.3	2024.6	1864.8	1684.3	1514.9
17.5°	2761.5	2674.5	2556.5	2467.9	2373.7	2266.1	2130.7	1980.3	1810.2	1655.0	1520.5
15°	2728.3	2636.5	2558.9	2471.8	2365.8	2252.6	2102.2	1946.3	1810.2	1666.9	1524.4
12.5°	2735.4	2656.3	2571.6	2476.6	2362.6	2241.5	2105.4	1960.5	1819.7	1675.6	1525.2
10°	2757.6	2674.5	2584.2	2479.0	2364.2	2244.7	2114.1	1969.2	1824.4	1679.6	1523.6
7.5°	2765.5	2675.3	2578.7	2472.6	2360.2	2243.1	2115.7	1971.6	1825.2	1678.8	1518.9
5°	2741.0	2659.4	2566.0	2459.2	2349.2	2235.2	2109.3	1968.5	1818.9	1670.8	1507.0
2.5°	2707.7	2642.0	2552.6	2449.7	2338.1	2224.1	2099.0	1954.2	1804.6	1656.6	1492.0
0°	2702.2	2620.6	2530.4	2438.6	2319.9	2199.6	2075.3	1927.3	1778.5	1629.7	1465.9
-2.5°	2665.8	2579.5	2489.3	2389.5	2285.1	2164.0	2033.4	1888.5	1741.3	1594.9	1437.4
-5°	2638.1	2542.3	2446.5	2338.9	2233.6	2112.5	1977.2	1836.3	1692.2	1549.8	1397.8
-7.5°	2600.9	2502.7	2402.2	2289.8	2175.8	2052.4	1918.6	1777.7	1636.0	1494.3	1348.7
-10°	2525.7	2439.4	2345.2	2228.9	2108.5	1985.1	1852.1	1713.6	1571.9	1428.7	1282.2
-12.5°	2434.6	2343.6	2240.7	2133.9	2026.2	1911.5	1778.5	1642.4	1499.9	1355.8	1210.2
-15°	2316.7	2227.3	2122.0	2017.5	1913.8	1803.8	1686.7	1564.0	1419.2	1277.5	1131.8
-17.5°	2169.5	2085.6	1991.4	1891.7	1788.8	1678.0	1564.0	1460.3	1325.0	1192.0	1047.9
-20°	2011.2	1932.8	1848.1	1754.0	1651.1	1542.6	1435.0	1326.5	1209.4	1092.3	958.5



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CATALOG NUMBER: IFLD-S-SA2B-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1846.6	1767.4	1681.9	1594.1	1499.1	1398.6	1298.8	1195.2	1092.3	986.2	873.0
-25°	1656.6	1587.0	1508.6	1423.1	1338.4	1250.6	1155.6	1061.4	973.5	881.7	789.1
-27.5°	1457.9	1393.8	1322.6	1248.2	1175.4	1101.8	1019.4	932.4	859.6	783.6	706.8
-30°	1249.0	1197.5	1139.8	1074.9	1018.7	959.3	890.4	818.4	751.9	694.1	632.4
-32.5°	1051.1	1007.6	966.4	923.7	868.3	822.4	774.9	721.8	663.3	608.7	564.3
-35°	880.9	834.2	816.8	785.2	745.6	705.2	670.4	632.4	588.1	539.8	503.4
-37.5°	737.7	710.0	685.4	668.0	641.9	609.5	581.7	554.0	520.0	483.6	447.2
-40°	626.1	607.1	580.2	571.5	554.8	532.7	504.2	482.8	459.9	432.2	401.3
-42.5°	536.6	522.4	505.0	489.9	482.8	467.0	444.8	424.2	406.0	387.0	363.3
-45°	463.0	453.5	442.4	429.0	423.5	410.8	395.0	372.0	361.7	345.9	328.5
-47.5°	403.7	398.9	391.0	382.3	374.4	364.9	350.6	336.4	322.1	311.8	298.4
-50°	357.0	353.8	349.0	341.9	331.6	325.3	315.8	303.1	289.7	281.0	271.5
-52.5°	319.8	316.6	313.4	307.9	300.0	293.6	285.7	275.4	264.4	255.7	247.7
-55°	291.3	286.5	284.1	279.4	273.1	265.9	258.8	251.7	242.2	234.3	226.4
-57.5°	269.1	262.8	259.6	255.7	249.3	242.2	236.7	229.5	223.2	214.5	207.4
-60°	251.7	244.6	238.2	234.3	228.7	221.6	216.1	210.5	204.2	197.1	188.4
-62.5°	237.4	228.7	220.0	215.3	209.7	203.4	197.9	192.3	186.0	178.9	171.0
-65°	224.0	213.7	202.6	197.9	192.3	186.0	178.9	174.9	169.4	163.0	155.1
-67.5°	207.4	196.3	186.8	181.3	175.7	170.2	163.8	159.9	154.3	146.4	138.5
-70°	182.8	175.7	169.4	164.6	159.9	155.1	148.8	142.5	136.1	129.0	121.9
-72.5°	152.0	149.6	148.8	146.4	140.9	135.3	129.0	122.7	117.1	111.6	106.1
-75°	122.7	124.3	125.8	125.1	119.5	114.0	108.4	102.9	98.9	94.2	89.4
-77.5°	97.4	98.9	100.5	100.5	96.6	93.4	89.4	85.5	82.3	78.4	73.6
-80°	75.2	77.6	79.9	81.5	78.4	76.0	72.8	69.7	66.5	63.3	60.2
-82.5°	57.0	59.4	61.7	63.3	60.9	59.4	57.0	54.6	52.2	49.1	46.7
-85°	41.2	42.7	44.3	45.1	43.5	41.9	40.4	38.8	37.2	34.8	33.2
-87.5°	23.7	24.5	25.3	26.1	24.5	23.0	22.2	20.6	19.8	18.2	17.4
-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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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°	19.8	18.2	16.6	15.8	14.2	11.9	10.3	8.7	7.1	5.5	4.7
85°	41.9	38.0	33.2	30.9	27.7	24.5	21.4	18.2	15.0	11.9	8.7
82.5°	72.0	67.3	62.5	57.0	49.9	41.2	32.5	26.9	22.2	17.4	13.5
80°	108.4	99.7	91.8	84.7	76.8	65.7	53.8	42.7	30.1	23.0	17.4
77.5°	150.4	140.1	129.0	117.1	104.5	89.4	76.0	61.7	46.7	31.7	22.2
75°	197.9	184.4	169.4	152.8	136.1	116.3	97.4	80.7	63.3	44.3	26.9
72.5°	250.9	234.3	216.1	193.9	167.8	144.8	121.9	99.7	79.1	56.2	36.4
70°	319.0	292.9	265.9	242.2	209.0	172.5	145.6	120.3	94.2	68.9	45.9
67.5°	391.8	360.1	327.7	292.9	250.9	208.2	169.4	140.9	110.0	80.7	54.6
65°	470.9	431.4	390.2	351.4	293.6	243.0	199.5	160.7	125.1	91.8	63.3
62.5°	552.5	505.8	458.3	407.6	341.1	278.6	228.0	182.8	139.3	102.1	71.2
60°	639.5	584.9	527.1	463.8	386.3	317.4	254.9	205.8	154.3	112.4	79.9
57.5°	731.3	672.0	603.9	518.4	432.9	354.6	285.7	226.4	167.8	121.9	86.3
55°	831.1	763.0	688.6	575.4	478.9	391.8	316.6	246.9	182.0	129.8	92.6
52.5°	938.7	859.6	765.4	635.6	527.1	429.8	345.1	265.2	195.5	138.5	98.1
50°	1059.0	959.3	832.7	691.0	569.1	465.4	373.6	284.9	206.6	148.0	102.9
47.5°	1184.1	1076.4	892.8	742.4	611.8	500.2	402.9	302.4	217.7	155.9	107.6
45°	1314.7	1158.0	955.3	788.3	649.0	531.9	425.0	318.2	231.1	163.0	111.6
42.5°	1443.7	1219.7	1009.9	834.2	683.9	560.4	443.2	333.2	242.2	170.2	115.6
40°	1504.6	1266.4	1053.5	865.9	713.1	585.7	459.1	346.7	251.7	174.9	119.5
37.5°	1530.0	1294.9	1082.0	896.0	736.1	599.2	472.5	358.5	259.6	179.7	122.7
35°	1535.5	1305.2	1096.2	916.6	755.1	611.8	482.8	367.3	265.9	184.4	125.8
32.5°	1525.2	1302.0	1100.2	923.7	767.0	621.3	489.9	373.6	270.7	189.2	129.0
30°	1502.3	1285.4	1085.9	922.9	775.7	626.9	494.7	378.3	275.4	192.3	130.6
27.5°	1465.1	1256.1	1067.7	923.7	780.4	629.2	497.1	380.7	278.6	194.7	133.8
25°	1419.2	1216.5	1068.5	922.1	781.2	630.0	497.1	380.7	279.4	195.5	136.1
22.5°	1366.1	1216.5	1068.5	919.7	776.5	628.4	494.7	379.1	279.4	197.1	138.5
20°	1369.3	1217.3	1066.1	915.0	769.3	623.7	489.1	375.2	277.0	199.5	140.1
17.5°	1371.7	1215.7	1061.4	908.6	759.8	615.8	482.0	369.6	277.0	201.8	140.9
15°	1371.7	1211.0	1054.3	899.1	748.0	604.7	471.7	364.9	277.8	202.6	142.5
12.5°	1369.3	1202.3	1043.2	886.5	733.7	591.2	465.4	363.3	277.8	203.4	142.5
10°	1364.5	1190.4	1028.9	870.6	720.3	586.5	462.2	360.1	276.2	203.4	142.5
7.5°	1355.8	1176.2	1017.1	861.1	712.3	581.0	457.5	355.4	273.9	201.8	144.1
5°	1342.4	1168.2	1007.6	850.1	701.3	577.0	454.3	351.4	272.3	201.8	142.5
2.5°	1325.0	1158.8	996.5	835.8	688.6	563.5	444.0	342.7	266.7	198.7	140.9
0°	1296.5	1139.8	977.5	816.0	671.2	550.1	433.7	334.0	261.2	195.5	139.3
-2.5°	1270.4	1114.4	953.0	795.5	654.6	538.2	425.8	329.3	258.8	194.7	138.5
-5°	1233.9	1079.6	920.5	768.5	632.4	526.3	417.9	323.7	256.4	193.1	138.5
-7.5°	1193.6	1043.2	886.5	740.8	610.2	505.8	402.9	315.0	250.9	190.0	137.7
-10°	1131.0	988.6	843.7	709.2	586.5	487.6	390.2	307.1	246.2	186.8	134.6
-12.5°	1064.6	928.4	794.7	670.4	559.6	468.6	376.0	298.4	240.6	183.6	133.0
-15°	994.1	866.7	743.2	630.0	530.3	445.6	360.9	288.9	235.1	179.7	130.6
-17.5°	920.5	801.8	690.2	588.9	501.0	421.9	345.1	280.2	228.7	175.7	128.2
-20°	842.9	735.3	636.4	546.9	470.1	398.1	328.5	269.9	221.6	171.0	125.1



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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°	766.2	669.6	581.0	505.8	438.5	373.6	311.8	259.6	213.7	165.4	122.7
-25°	698.1	607.9	531.9	466.2	407.6	349.8	294.4	249.3	205.0	159.9	119.5
-27.5°	631.6	554.8	483.6	429.0	377.5	326.9	277.8	238.2	196.3	153.6	116.3
-30°	569.9	504.2	445.6	392.6	349.0	306.3	263.6	227.2	186.8	147.2	112.4
-32.5°	513.7	460.7	411.6	360.9	322.1	285.7	250.1	216.1	177.3	140.9	108.4
-35°	461.4	420.3	377.5	334.8	295.2	266.7	235.9	204.2	168.6	133.8	104.5
-37.5°	414.7	381.5	347.5	311.1	277.0	248.5	222.4	192.3	159.9	127.4	100.5
-40°	374.4	347.5	317.4	288.1	259.6	232.7	209.0	180.5	151.2	122.7	96.6
-42.5°	337.2	316.6	292.1	267.5	242.2	218.5	195.5	167.8	142.5	117.1	92.6
-45°	308.7	288.1	268.3	246.2	224.8	204.2	181.3	156.7	134.6	110.8	88.6
-47.5°	281.8	263.6	245.4	227.2	209.7	190.8	167.8	147.2	125.8	105.3	85.5
-50°	258.0	240.6	224.8	209.0	193.9	175.7	154.3	137.7	118.7	99.7	81.5
-52.5°	235.9	220.8	205.0	192.3	179.7	161.5	144.1	128.2	111.6	93.4	77.6
-55°	216.1	201.8	187.6	175.7	163.8	148.0	133.8	120.3	104.5	88.6	73.6
-57.5°	197.1	185.2	171.8	160.7	148.8	136.1	124.3	111.6	97.4	83.9	69.7
-60°	179.7	168.6	156.7	145.6	135.3	125.1	114.0	103.7	91.0	78.4	65.7
-62.5°	162.3	152.8	142.5	131.4	123.5	114.0	105.3	95.0	84.7	73.6	58.6
-65°	146.4	137.7	128.2	118.7	111.6	104.5	96.6	87.1	78.4	68.1	52.2
-67.5°	130.6	122.7	114.8	106.9	100.5	95.0	87.1	79.9	72.8	61.7	45.9
-70°	115.6	109.2	102.1	95.8	91.0	84.7	79.1	72.8	66.5	53.8	38.8
-72.5°	101.3	95.0	89.4	84.7	80.7	75.2	70.4	65.7	57.0	45.1	32.5
-75°	84.7	80.7	77.6	73.6	69.7	65.7	61.7	56.2	47.5	36.4	25.3
-77.5°	69.7	67.3	64.9	61.7	58.6	55.4	50.7	45.1	38.0	28.5	20.6
-80°	57.0	54.6	53.0	49.9	47.5	44.3	39.6	34.8	27.7	22.2	16.6
-82.5°	43.5	41.9	40.4	38.8	36.4	33.2	28.5	24.5	20.6	16.6	12.7
-85°	30.9	30.1	28.5	26.9	24.5	22.2	19.0	16.6	14.2	11.1	8.7
-87.5°	15.8	15.0	14.2	13.5	12.7	11.1	9.5	7.9	7.1	5.5	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



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.2	2.4	0.8	0.0
85°	6.3	4.0	1.6	0.0
82.5°	9.5	6.3	2.4	0.0
80°	12.7	7.9	4.0	0.0
77.5°	15.8	9.5	4.7	0.0
75°	19.0	11.9	5.5	0.0
72.5°	21.4	13.5	6.3	0.0
70°	25.3	15.8	7.1	0.0
67.5°	31.7	17.4	7.9	0.0
65°	37.2	19.0	8.7	0.0
62.5°	43.5	20.6	9.5	0.0
60°	49.1	22.2	10.3	0.0
57.5°	54.6	26.1	11.1	0.0
55°	59.4	29.3	11.9	0.0
52.5°	64.9	32.5	12.7	0.0
50°	69.7	35.6	13.5	0.0
47.5°	73.6	38.8	13.5	0.0
45°	76.8	41.2	14.2	0.0
42.5°	79.1	43.5	15.0	0.0
40°	81.5	45.9	15.8	0.0
37.5°	83.9	48.3	15.8	0.0
35°	86.3	50.7	16.6	0.0
32.5°	88.6	53.0	16.6	0.0
30°	90.2	54.6	17.4	0.0
27.5°	92.6	56.2	17.4	0.0
25°	93.4	57.8	18.2	0.0
22.5°	95.0	58.6	18.2	0.0
20°	96.6	60.2	18.2	0.0
17.5°	97.4	60.9	19.0	0.0
15°	97.4	61.7	19.8	0.0
12.5°	98.1	62.5	19.8	0.0
10°	98.1	64.1	19.0	0.0
7.5°	99.7	63.3	19.0	0.0
5°	98.9	63.3	19.0	0.0
2.5°	98.1	62.5	19.0	0.0
0°	97.4	62.5	19.0	0.0
-2.5°	97.4	62.5	19.0	0.0
-5°	97.4	62.5	19.0	0.0
-7.5°	96.6	63.3	19.0	0.0
-10°	95.0	63.3	19.0	0.0
-12.5°	94.2	60.9	19.0	0.0
-15°	93.4	60.2	19.0	0.0
-17.5°	91.8	59.4	18.2	0.0
-20°	90.2	58.6	18.2	0.0



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 CATALOG NUMBER: IFLD-S-SA2B-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	88.6	57.0	18.2	0.0
-25°	87.1	55.4	17.4	0.0
-27.5°	85.5	53.8	17.4	0.0
-30°	83.1	52.2	16.6	0.0
-32.5°	80.7	50.7	16.6	0.0
-35°	79.1	48.3	15.8	0.0
-37.5°	76.8	45.9	15.8	0.0
-40°	74.4	43.5	15.0	0.0
-42.5°	72.0	41.2	14.2	0.0
-45°	68.9	38.8	14.2	0.0
-47.5°	66.5	36.4	13.5	0.0
-50°	62.5	33.2	12.7	0.0
-52.5°	57.8	30.1	11.9	0.0
-55°	53.0	27.7	11.1	0.0
-57.5°	48.3	24.5	11.1	0.0
-60°	43.5	21.4	10.3	0.0
-62.5°	38.8	19.8	9.5	0.0
-65°	34.0	18.2	8.7	0.0
-67.5°	28.5	15.8	7.9	0.0
-70°	23.7	14.2	7.1	0.0
-72.5°	20.6	12.7	6.3	0.0
-75°	17.4	11.1	5.5	0.0
-77.5°	15.0	9.5	4.7	0.0
-80°	11.9	7.1	3.2	0.0
-82.5°	8.7	5.5	2.4	0.0
-85°	5.5	4.0	1.6	0.0
-87.5°	3.2	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)