

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: P722283

Luminaire Tested: **IFLD-S-SA3A-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722283
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

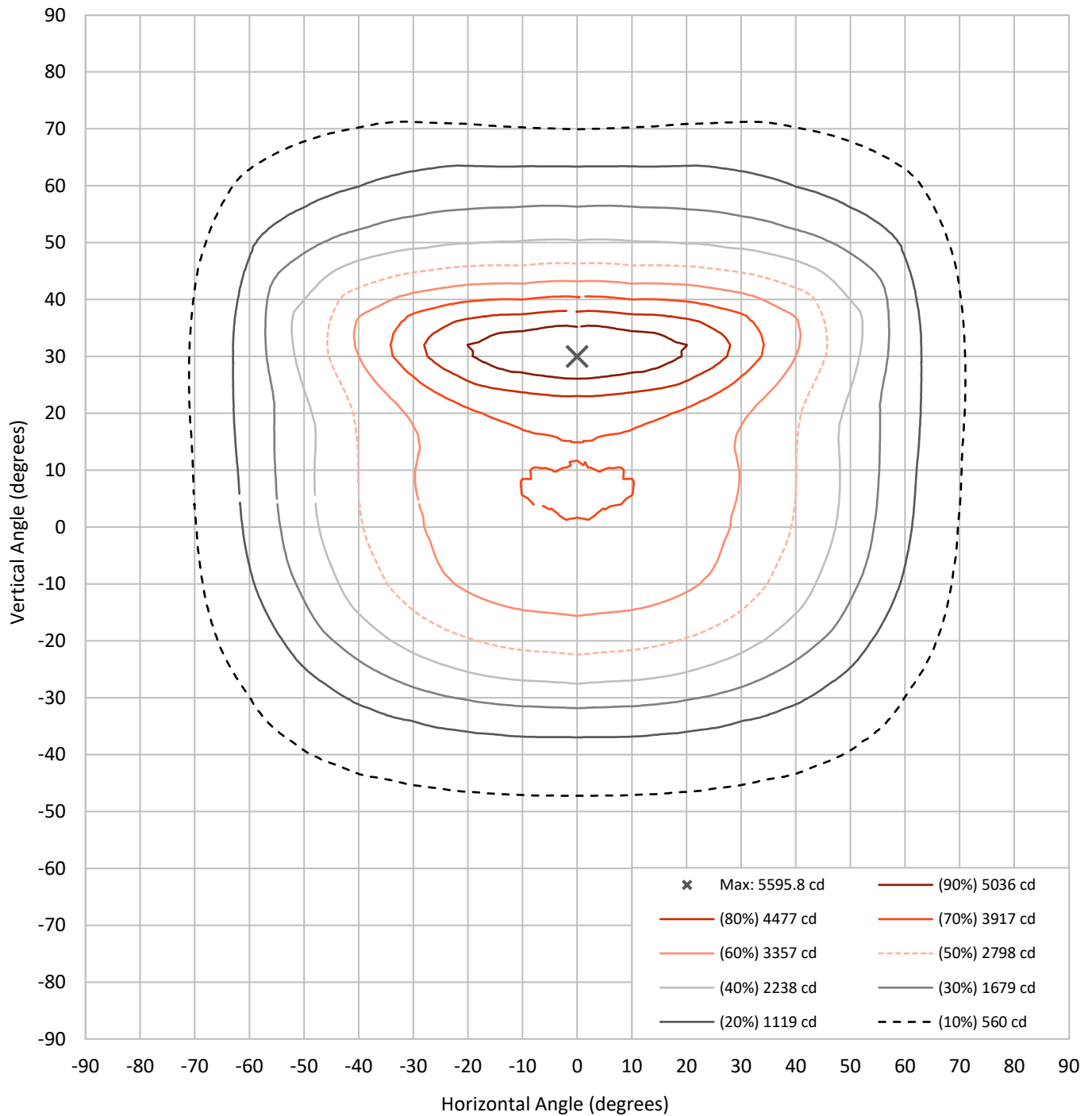
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9340.8 lumens	Max Intensity:	5595.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5431.8 lumens	Field Lumens:	8753.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 94.8
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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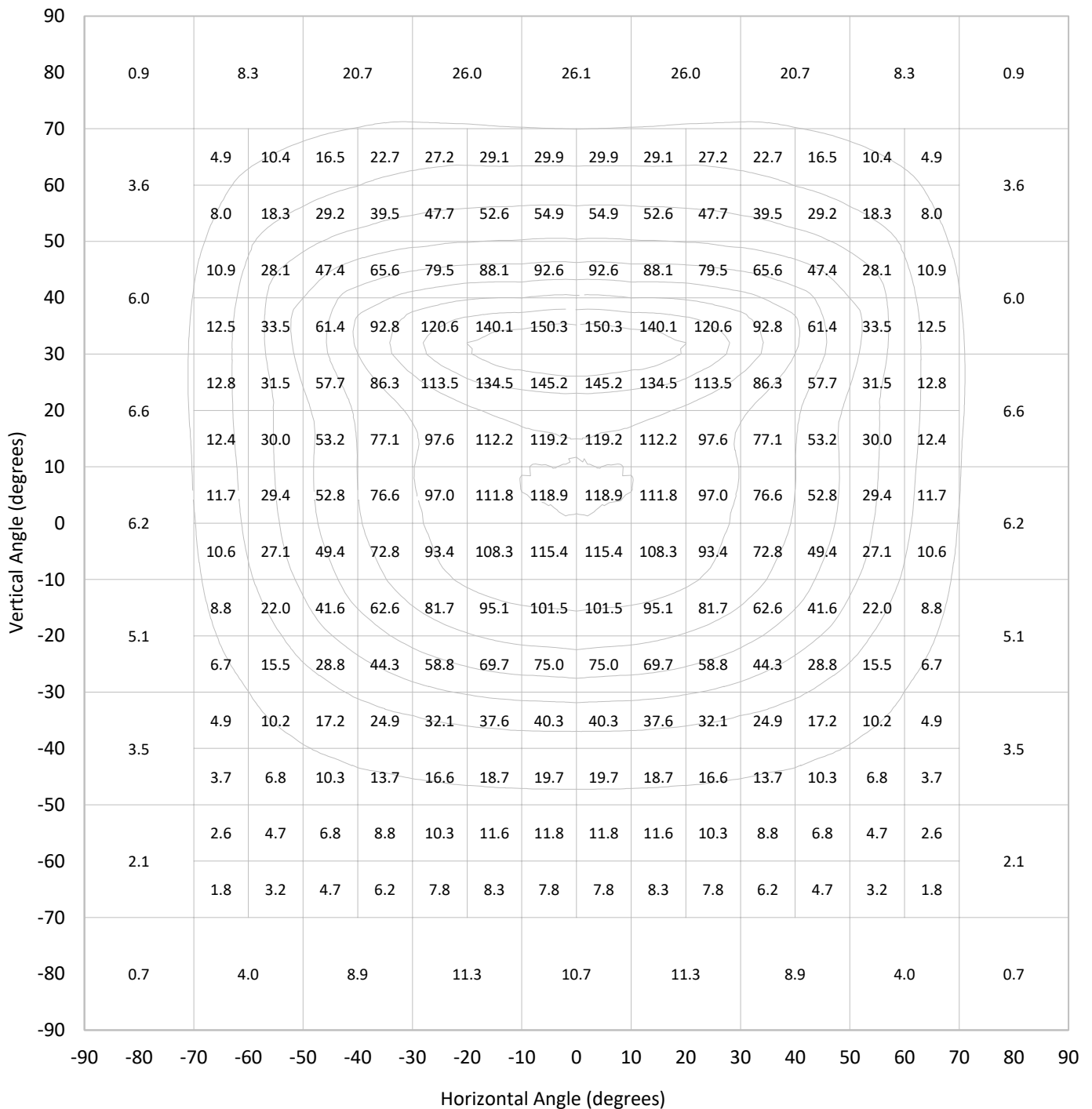
Iso-Candela Plot





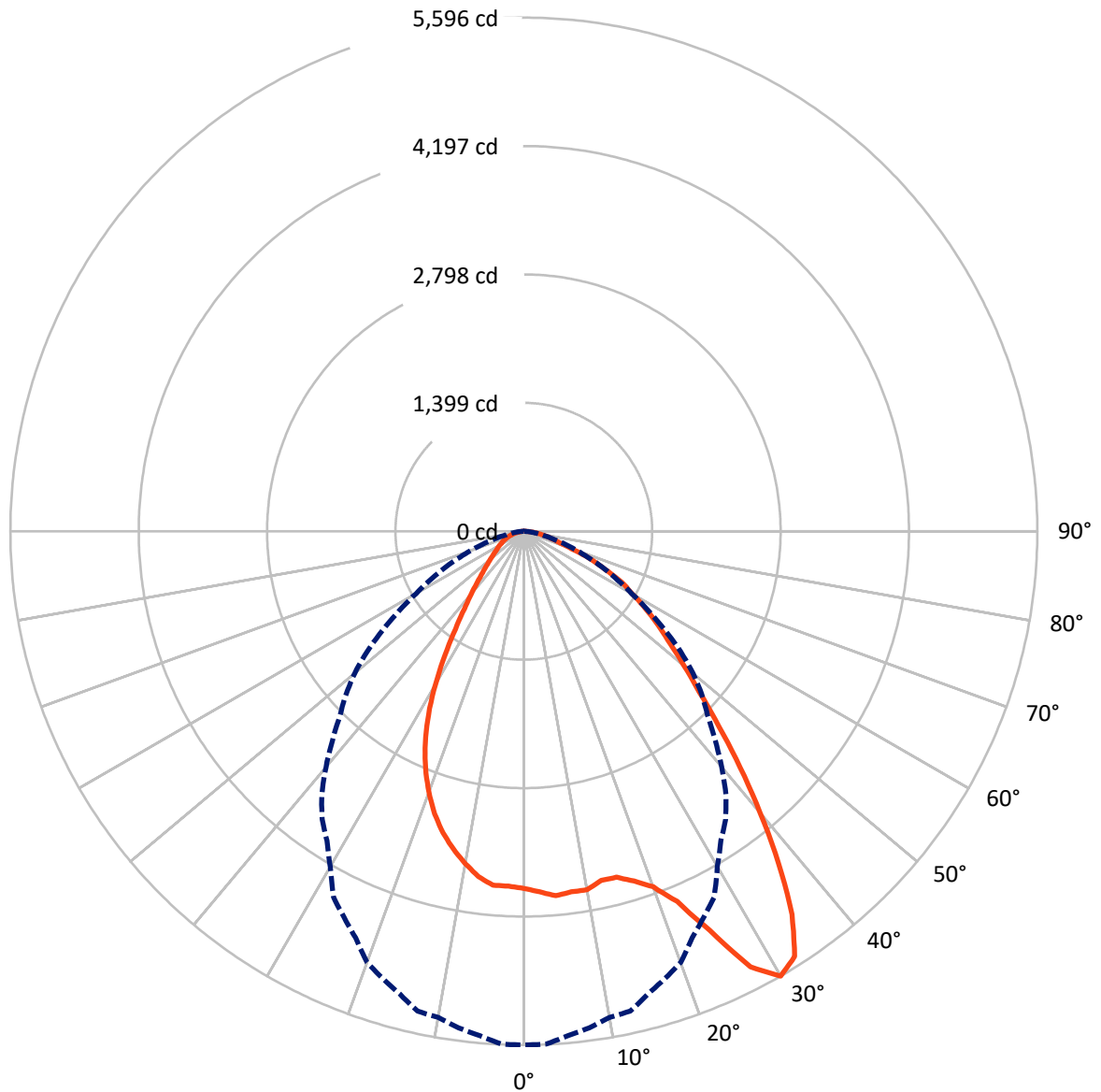
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Lumen Table



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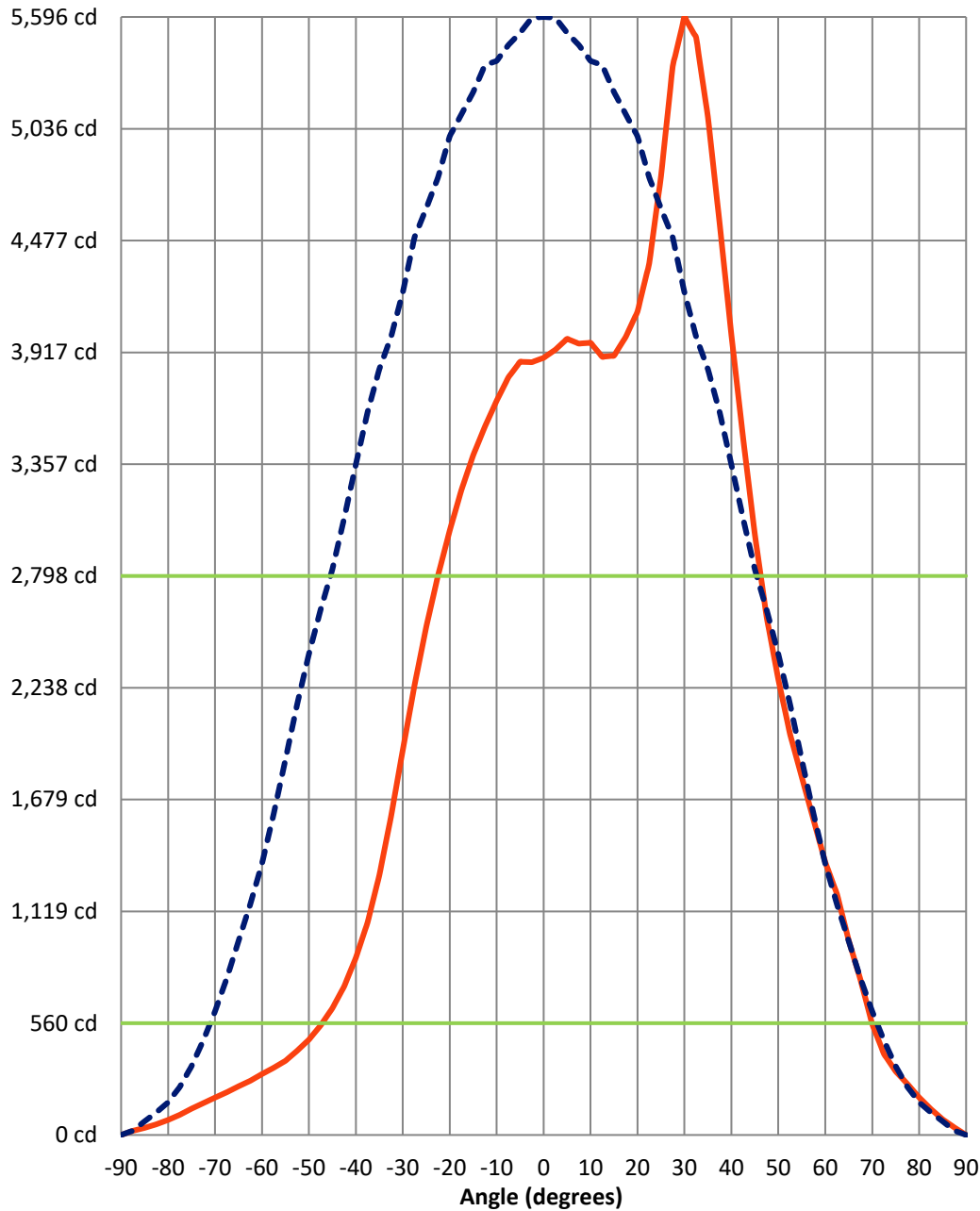
Luminous Intensity Polar Plot



— 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: 5431.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 8753.5
 Efficiency: 93.7%

Spill:
 Lumens: 587.3
 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°	37.6	38.6	39.6	39.6	38.6	38.6	38.6	37.6	38.6	38.6	38.6
85°	78.2	80.2	82.1	81.1	80.2	78.2	76.2	77.2	78.2	79.2	79.2
82.5°	129.6	132.6	134.6	133.6	131.6	129.6	127.6	128.6	130.6	131.6	131.6
80°	188.0	189.0	190.0	192.0	189.0	189.0	188.0	192.0	193.9	195.9	197.9
77.5°	255.3	256.3	256.3	257.3	258.3	259.3	259.3	266.2	271.1	274.1	277.1
75°	318.6	321.6	324.6	327.5	331.5	333.5	336.4	346.3	354.3	360.2	366.1
72.5°	405.7	409.7	414.6	421.5	428.5	433.4	440.3	452.2	461.1	467.1	474.0
70°	555.1	559.1	564.0	569.0	575.9	580.9	587.8	602.6	611.5	615.5	619.4
67.5°	776.8	786.7	795.6	785.7	780.7	773.8	775.8	789.6	798.5	804.5	803.5
65°	973.7	980.6	980.6	979.6	975.7	966.8	971.7	988.5	998.4	1003.4	988.5
62.5°	1205.2	1205.2	1200.3	1208.2	1209.2	1203.3	1200.3	1201.3	1202.3	1205.2	1180.5
60°	1365.5	1375.4	1378.4	1385.3	1387.3	1387.3	1392.3	1396.2	1396.2	1390.3	1361.6
57.5°	1577.3	1596.1	1600.1	1595.1	1585.2	1572.4	1570.4	1564.4	1552.6	1540.7	1526.8
55°	1791.0	1800.9	1800.0	1797.0	1787.1	1772.2	1774.2	1766.3	1747.5	1732.7	1713.9
52.5°	2005.8	2029.5	2033.5	2027.5	2013.7	1997.9	1998.8	1989.9	1971.1	1955.3	1929.6
50°	2279.9	2299.7	2297.7	2287.8	2268.0	2256.1	2257.1	2240.3	2218.5	2213.6	2179.9
47.5°	2593.6	2616.3	2612.4	2598.5	2571.8	2566.8	2571.8	2550.0	2537.1	2526.3	2486.7
45°	3005.2	3031.9	3017.1	2990.4	2947.8	2952.7	2959.7	2955.7	2928.0	2899.3	2848.8
42.5°	3488.1	3504.9	3487.1	3460.4	3406.9	3416.8	3412.9	3389.1	3372.3	3324.8	3260.5
40°	4004.6	4041.2	4013.5	3972.0	3916.5	3931.4	3920.5	3889.8	3850.3	3790.9	3709.7
37.5°	4561.7	4590.4	4558.8	4510.3	4460.8	4455.8	4434.1	4386.6	4330.2	4264.9	4135.2
35°	5095.1	5169.3	5110.9	5033.7	4973.4	4950.6	4929.8	4820.0	4755.7	4649.8	4472.7
32.5°	5491.9	5546.3	5474.1	5393.9	5320.7	5289.0	5215.8	5085.2	5050.5	4827.9	4665.6
30°	5595.8	5591.8	5516.6	5455.3	5376.1	5354.3	5219.8	5108.9	4998.1	4792.3	4637.9
27.5°	5348.4	5323.7	5251.4	5198.0	5119.8	5094.1	4961.5	4902.1	4730.9	4556.8	4426.2
25°	4797.2	4810.1	4755.7	4729.0	4677.5	4622.1	4569.6	4489.5	4382.6	4230.2	4110.5
22.5°	4362.8	4379.6	4356.9	4325.2	4285.6	4255.0	4215.4	4153.0	4050.1	3956.1	3843.3
20°	4121.4	4116.4	4096.6	4072.9	4035.3	4013.5	3970.0	3917.5	3838.4	3757.2	3635.5
17.5°	3994.7	3964.0	3945.2	3936.3	3916.5	3888.8	3837.4	3784.0	3722.6	3630.6	3541.5
15°	3900.7	3905.7	3890.8	3883.9	3868.1	3829.5	3777.0	3733.5	3650.4	3603.9	3522.7
12.5°	3894.8	3889.8	3890.8	3887.9	3868.1	3818.6	3791.9	3736.5	3683.0	3621.7	3528.7
10°	3965.0	3912.6	3916.5	3930.4	3898.7	3859.2	3830.5	3770.1	3719.6	3641.5	3549.4
7.5°	3961.1	3934.4	3942.3	3919.5	3929.4	3880.9	3841.3	3781.0	3717.7	3634.5	3551.4
5°	3984.8	3944.3	3937.3	3939.3	3914.6	3878.0	3824.5	3767.1	3707.8	3614.7	3529.6
2.5°	3930.4	3936.3	3904.7	3892.8	3889.8	3828.5	3779.0	3723.6	3662.2	3580.1	3503.9
0°	3889.8	3900.7	3868.1	3851.2	3850.3	3797.8	3766.1	3702.8	3659.3	3591.0	3499.0
-2.5°	3868.1	3880.9	3884.9	3854.2	3824.5	3784.0	3730.5	3662.2	3591.0	3511.8	3432.7
-5°	3870.0	3844.3	3833.4	3843.3	3817.6	3777.0	3717.7	3657.3	3587.0	3501.9	3403.0
-7.5°	3791.9	3766.1	3764.2	3759.2	3753.3	3714.7	3665.2	3599.9	3528.7	3449.5	3357.5
-10°	3675.1	3656.3	3651.4	3646.4	3630.6	3607.8	3561.3	3501.9	3437.6	3358.5	3260.5
-12.5°	3545.5	3536.6	3517.8	3504.9	3489.1	3462.4	3417.8	3363.4	3299.1	3228.8	3144.7
-15°	3402.0	3385.2	3366.4	3355.5	3332.7	3301.1	3256.5	3206.1	3135.8	3066.5	2987.4
-17.5°	3228.8	3208.0	3187.3	3184.3	3168.5	3120.0	3078.4	3017.1	2955.7	2889.4	2812.2
-20°	3025.0	2996.3	2982.4	2974.5	2952.7	2917.1	2872.6	2816.2	2756.8	2693.5	2604.4



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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°	2799.4	2774.6	2750.9	2736.0	2717.2	2689.5	2647.0	2597.5	2539.1	2467.9	2385.8
-25°	2543.1	2508.5	2493.6	2476.8	2466.9	2441.2	2399.6	2354.1	2293.7	2224.5	2146.3
-27.5°	2250.2	2222.5	2214.6	2190.8	2178.9	2152.2	2117.6	2075.0	2019.6	1954.3	1890.0
-30°	1926.6	1909.8	1896.9	1873.2	1864.3	1835.6	1812.8	1777.2	1726.7	1680.2	1628.8
-32.5°	1594.1	1577.3	1573.3	1562.5	1556.5	1537.7	1512.0	1486.3	1445.7	1411.1	1369.5
-35°	1299.2	1287.4	1288.4	1287.4	1281.4	1267.6	1235.9	1229.0	1199.3	1167.6	1140.9
-37.5°	1063.7	1064.7	1063.7	1062.8	1054.8	1048.9	1026.1	1017.2	999.4	968.7	952.9
-40°	886.6	888.6	887.6	885.6	876.7	873.8	858.9	847.0	840.1	818.3	801.5
-42.5°	743.1	746.1	745.1	744.1	738.2	737.2	729.3	715.4	711.5	698.6	680.8
-45°	634.3	633.3	631.3	633.3	630.3	627.4	622.4	613.5	608.6	602.6	587.8
-47.5°	548.2	549.2	547.2	547.2	543.3	540.3	538.3	532.4	528.4	523.5	514.6
-50°	477.0	480.9	479.9	478.9	476.0	474.0	474.0	468.0	462.1	460.1	454.2
-52.5°	421.5	424.5	425.5	427.5	428.5	429.5	426.5	420.5	410.7	409.7	406.7
-55°	371.1	380.0	385.9	389.9	393.8	396.8	390.9	382.9	373.1	369.1	368.1
-57.5°	336.4	345.3	352.3	358.2	363.2	368.1	362.2	354.3	345.3	340.4	339.4
-60°	304.8	312.7	319.6	327.5	334.5	342.4	339.4	333.5	328.5	324.6	320.6
-62.5°	271.1	279.0	287.0	296.9	305.8	313.7	314.7	313.7	312.7	313.7	306.8
-65°	243.4	247.4	252.3	263.2	273.1	282.0	287.0	289.9	294.9	299.8	292.9
-67.5°	213.7	218.7	224.6	232.5	240.5	246.4	253.3	261.2	269.2	277.1	272.1
-70°	187.0	191.0	195.9	199.9	204.8	208.8	214.7	223.6	232.5	240.5	238.5
-72.5°	159.3	163.3	166.2	168.2	171.2	173.2	176.1	184.1	190.0	193.9	193.9
-75°	131.6	135.6	138.5	139.5	141.5	142.5	144.5	147.4	150.4	151.4	152.4
-77.5°	100.9	104.9	107.9	109.8	111.8	113.8	114.8	116.8	117.8	117.8	118.7
-80°	75.2	78.2	80.2	83.1	84.1	86.1	88.1	89.1	90.0	90.0	91.0
-82.5°	53.4	55.4	57.4	59.4	61.4	62.3	64.3	65.3	66.3	67.3	68.3
-85°	35.6	37.6	39.6	41.6	42.5	43.5	44.5	45.5	46.5	47.5	48.5
-87.5°	20.8	21.8	22.8	24.7	25.7	27.7	28.7	27.7	28.7	28.7	28.7
-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°	38.6	38.6	38.6	38.6	37.6	35.6	34.6	32.7	30.7	28.7	26.7
85°	80.2	81.1	81.1	81.1	79.2	78.2	75.2	72.2	68.3	62.3	57.4
82.5°	133.6	134.6	134.6	133.6	131.6	128.6	124.7	119.7	111.8	103.9	97.0
80°	200.9	201.9	201.9	200.9	195.9	191.0	186.0	180.1	170.2	159.3	147.4
77.5°	281.0	283.0	283.0	280.0	273.1	267.2	259.3	249.4	234.5	218.7	202.9
75°	374.0	379.0	380.0	377.0	368.1	357.2	344.4	327.5	304.8	285.0	266.2
72.5°	481.9	486.8	490.8	486.8	474.0	459.1	440.3	420.5	397.8	371.1	339.4
70°	623.4	628.3	631.3	618.5	595.7	571.0	548.2	525.4	498.7	466.1	431.4
67.5°	801.5	796.6	790.6	764.9	736.2	706.5	674.9	641.2	606.6	571.9	531.4
65°	972.7	958.9	946.0	915.3	878.7	840.1	803.5	765.9	724.3	680.8	642.2
62.5°	1152.8	1123.1	1091.4	1053.8	1016.2	973.7	937.1	892.6	846.0	792.6	743.1
60°	1329.9	1294.3	1262.6	1216.1	1166.7	1109.3	1069.7	1026.1	971.7	914.3	855.9
57.5°	1501.1	1462.5	1427.9	1387.3	1333.9	1271.5	1228.0	1171.6	1114.2	1042.0	982.6
55°	1683.2	1644.6	1616.9	1571.4	1513.0	1455.6	1408.1	1348.7	1268.6	1191.4	1118.2
52.5°	1892.0	1861.3	1831.6	1785.1	1714.9	1656.5	1604.0	1537.7	1453.6	1358.6	1270.6
50°	2125.5	2109.7	2078.0	2023.6	1943.4	1892.0	1822.7	1734.6	1644.6	1544.7	1434.8
47.5°	2435.2	2409.5	2365.0	2305.6	2238.3	2161.1	2068.1	1965.2	1837.6	1726.7	1610.0
45°	2805.3	2757.8	2700.4	2620.3	2537.1	2450.1	2348.1	2217.5	2046.3	1901.9	1779.2
42.5°	3206.1	3141.7	3063.6	2958.7	2850.8	2744.0	2634.1	2456.0	2242.3	2076.0	1937.5
40°	3624.6	3542.5	3444.5	3292.2	3172.4	3034.9	2909.2	2643.0	2415.4	2235.3	2087.9
37.5°	4034.3	3930.4	3766.1	3581.1	3441.6	3328.8	3052.7	2767.7	2563.9	2366.0	2216.5
35°	4348.0	4259.9	3970.0	3778.0	3658.3	3480.2	3134.8	2842.9	2627.2	2462.9	2230.4
32.5°	4534.0	4306.4	4052.1	3858.2	3759.2	3467.3	3140.8	2864.7	2656.9	2472.8	2194.8
30°	4492.5	4217.4	3994.7	3832.4	3617.7	3355.5	3085.3	2831.0	2629.2	2406.5	2155.2
27.5°	4242.1	4029.4	3830.5	3661.3	3450.5	3215.0	2965.6	2742.0	2554.0	2338.3	2100.8
25°	3959.1	3766.1	3618.7	3471.3	3271.4	3046.8	2827.1	2665.8	2476.8	2264.0	2029.5
22.5°	3698.9	3560.3	3444.5	3290.2	3095.2	2899.3	2762.8	2595.5	2401.6	2185.9	1956.3
20°	3532.6	3438.6	3306.0	3135.8	2982.4	2859.7	2708.3	2531.2	2331.3	2105.7	1894.0
17.5°	3452.5	3343.6	3196.2	3085.3	2967.6	2833.0	2663.8	2475.8	2263.0	2069.1	1900.9
15°	3410.9	3296.1	3199.1	3090.3	2957.7	2816.2	2628.2	2433.2	2263.0	2083.9	1905.8
12.5°	3419.8	3320.9	3215.0	3096.2	2953.7	2802.3	2632.1	2451.1	2274.9	2094.8	1906.8
10°	3447.5	3343.6	3230.8	3099.2	2955.7	2806.3	2643.0	2461.9	2280.9	2099.8	1904.8
7.5°	3457.4	3344.6	3223.9	3091.3	2950.8	2804.3	2645.0	2464.9	2281.8	2098.8	1898.9
5°	3426.7	3324.8	3208.0	3074.5	2936.9	2794.4	2637.1	2461.0	2273.9	2088.9	1884.1
2.5°	3385.2	3303.0	3191.2	3062.6	2923.1	2780.6	2624.2	2443.1	2256.1	2071.1	1865.3
0°	3378.2	3276.3	3163.5	3048.7	2900.3	2749.9	2594.5	2409.5	2223.5	2037.4	1832.6
-2.5°	3332.7	3224.9	3112.1	2987.4	2856.8	2705.4	2542.1	2361.0	2177.0	1993.9	1797.0
-5°	3298.1	3178.4	3058.6	2924.1	2792.4	2641.0	2471.8	2295.7	2115.6	1937.5	1747.5
-7.5°	3251.6	3128.9	3003.2	2862.7	2720.2	2565.8	2398.6	2222.5	2045.4	1868.2	1686.2
-10°	3157.6	3049.7	2932.0	2786.5	2636.1	2481.7	2315.5	2142.3	1965.2	1786.1	1603.0
-12.5°	3043.8	2930.0	2801.4	2667.8	2533.2	2389.7	2223.5	2053.3	1875.2	1695.1	1513.0
-15°	2896.3	2784.5	2652.9	2522.3	2392.7	2255.1	2108.7	1955.3	1774.2	1597.1	1415.0
-17.5°	2712.3	2607.4	2489.7	2365.0	2236.3	2097.8	1955.3	1825.7	1656.5	1490.2	1310.1
-20°	2514.4	2416.4	2310.5	2192.8	2064.2	1928.6	1794.0	1658.4	1512.0	1365.5	1198.3



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 CATALOG NUMBER: IFLD-S-SA3A-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2308.6	2209.6	2102.7	1992.9	1874.2	1748.5	1623.8	1494.2	1365.5	1233.0	1091.4
-25°	2071.1	1984.0	1886.0	1779.2	1673.3	1563.5	1444.7	1327.0	1217.1	1102.3	986.6
-27.5°	1822.7	1742.6	1653.5	1560.5	1469.4	1377.4	1274.5	1165.7	1074.6	979.6	883.6
-30°	1561.5	1497.2	1424.9	1343.8	1273.5	1199.3	1113.2	1023.2	940.1	867.8	790.6
-32.5°	1314.1	1259.7	1208.2	1154.8	1085.5	1028.1	968.7	902.4	829.2	760.9	705.5
-35°	1101.3	1043.0	1021.2	981.6	932.1	881.7	838.1	790.6	735.2	674.9	629.3
-37.5°	922.2	887.6	856.9	835.2	802.5	761.9	727.3	692.7	650.1	604.6	559.1
-40°	782.7	759.0	725.3	714.4	693.7	666.0	630.3	603.6	574.9	540.3	501.7
-42.5°	670.9	653.1	631.3	612.5	603.6	583.8	556.1	530.4	507.6	483.9	454.2
-45°	578.9	567.0	553.1	536.3	529.4	513.6	493.8	465.1	452.2	432.4	410.7
-47.5°	504.7	498.7	488.8	477.9	468.0	456.2	438.4	420.5	402.7	389.9	373.1
-50°	446.3	442.3	436.4	427.5	414.6	406.7	394.8	379.0	362.2	351.3	339.4
-52.5°	399.8	395.8	391.9	384.9	375.0	367.1	357.2	344.4	330.5	319.6	309.7
-55°	364.1	358.2	355.2	349.3	341.4	332.5	323.6	314.7	302.8	292.9	283.0
-57.5°	336.4	328.5	324.6	319.6	311.7	302.8	295.9	287.0	279.0	268.2	259.3
-60°	314.7	305.8	297.8	292.9	286.0	277.1	270.1	263.2	255.3	246.4	235.5
-62.5°	296.9	286.0	275.1	269.2	262.2	254.3	247.4	240.5	232.5	223.6	213.7
-65°	280.0	267.2	253.3	247.4	240.5	232.5	223.6	218.7	211.8	203.8	193.9
-67.5°	259.3	245.4	233.5	226.6	219.7	212.7	204.8	199.9	193.0	183.1	173.2
-70°	228.6	219.7	211.8	205.8	199.9	193.9	186.0	178.1	170.2	161.3	152.4
-72.5°	190.0	187.0	186.0	183.1	176.1	169.2	161.3	153.4	146.5	139.5	132.6
-75°	153.4	155.4	157.3	156.3	149.4	142.5	135.6	128.6	123.7	117.8	111.8
-77.5°	121.7	123.7	125.7	125.7	120.7	116.8	111.8	106.9	102.9	98.0	92.0
-80°	94.0	97.0	99.9	101.9	98.0	95.0	91.0	87.1	83.1	79.2	75.2
-82.5°	71.2	74.2	77.2	79.2	76.2	74.2	71.2	68.3	65.3	61.4	58.4
-85°	51.5	53.4	55.4	56.4	54.4	52.4	50.5	48.5	46.5	43.5	41.6
-87.5°	29.7	30.7	31.7	32.7	30.7	28.7	27.7	25.7	24.7	22.8	21.8
-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°	24.7	22.8	20.8	19.8	17.8	14.8	12.9	10.9	8.9	6.9	5.9
85°	52.4	47.5	41.6	38.6	34.6	30.7	26.7	22.8	18.8	14.8	10.9
82.5°	90.0	84.1	78.2	71.2	62.3	51.5	40.6	33.6	27.7	21.8	16.8
80°	135.6	124.7	114.8	105.9	96.0	82.1	67.3	53.4	37.6	28.7	21.8
77.5°	188.0	175.1	161.3	146.5	130.6	111.8	95.0	77.2	58.4	39.6	27.7
75°	247.4	230.6	211.8	191.0	170.2	145.5	121.7	100.9	79.2	55.4	33.6
72.5°	313.7	292.9	270.1	242.4	209.8	181.1	152.4	124.7	99.0	70.3	45.5
70°	398.8	366.1	332.5	302.8	261.2	215.7	182.1	150.4	117.8	86.1	57.4
67.5°	489.8	450.2	409.7	366.1	313.7	260.2	211.8	176.1	137.5	100.9	68.3
65°	588.8	539.3	487.8	439.4	367.1	303.8	249.4	200.9	156.3	114.8	79.2
62.5°	690.7	632.3	572.9	509.6	426.5	348.3	285.0	228.6	174.2	127.6	89.1
60°	799.5	731.3	659.0	579.9	482.9	396.8	318.6	257.3	193.0	140.5	99.9
57.5°	914.3	840.1	755.0	648.1	541.3	443.3	357.2	283.0	209.8	152.4	107.9
55°	1039.0	953.9	860.9	719.4	598.7	489.8	395.8	308.7	227.6	162.3	115.8
52.5°	1173.6	1074.6	956.9	794.6	659.0	537.3	431.4	331.5	244.4	173.2	122.7
50°	1324.0	1199.3	1041.0	863.9	711.5	581.8	467.1	356.2	258.3	185.0	128.6
47.5°	1480.3	1345.8	1116.2	928.2	764.9	625.4	503.7	378.0	272.1	194.9	134.6
45°	1643.6	1447.7	1194.4	985.6	811.4	665.0	531.4	397.8	288.9	203.8	139.5
42.5°	1804.9	1524.9	1262.6	1043.0	855.0	700.6	554.1	416.6	302.8	212.7	144.5
40°	1881.1	1583.2	1317.1	1082.5	891.6	732.3	573.9	433.4	314.7	218.7	149.4
37.5°	1912.8	1618.9	1352.7	1120.1	920.3	749.1	590.7	448.3	324.6	224.6	153.4
35°	1919.7	1631.7	1370.5	1145.9	944.0	764.9	603.6	459.1	332.5	230.6	157.3
32.5°	1906.8	1627.8	1375.4	1154.8	958.9	776.8	612.5	467.1	338.4	236.5	161.3
30°	1878.1	1607.0	1357.6	1153.8	969.7	783.7	618.5	473.0	344.4	240.5	163.3
27.5°	1831.6	1570.4	1334.9	1154.8	975.7	786.7	621.4	476.0	348.3	243.4	167.2
25°	1774.2	1520.9	1335.9	1152.8	976.7	787.7	621.4	476.0	349.3	244.4	170.2
22.5°	1707.9	1520.9	1335.9	1149.8	970.7	785.7	618.5	474.0	349.3	246.4	173.2
20°	1711.9	1521.9	1332.9	1143.9	961.8	779.7	611.5	469.0	346.3	249.4	175.1
17.5°	1714.9	1519.9	1327.0	1136.0	949.9	769.9	602.6	462.1	346.3	252.3	176.1
15°	1714.9	1514.0	1318.1	1124.1	935.1	756.0	589.8	456.2	347.3	253.3	178.1
12.5°	1711.9	1503.1	1304.2	1108.3	917.3	739.2	581.8	454.2	347.3	254.3	178.1
10°	1705.9	1488.2	1286.4	1088.5	900.5	733.2	577.9	450.2	345.3	254.3	178.1
7.5°	1695.1	1470.4	1271.5	1076.6	890.6	726.3	571.9	444.3	342.4	252.3	180.1
5°	1678.2	1460.5	1259.7	1062.8	876.7	721.4	568.0	439.4	340.4	252.3	178.1
2.5°	1656.5	1448.7	1245.8	1044.9	860.9	704.5	555.1	428.5	333.5	248.4	176.1
0°	1620.8	1424.9	1222.1	1020.2	839.1	687.7	542.3	417.6	326.5	244.4	174.2
-2.5°	1588.2	1393.3	1191.4	994.5	818.3	672.9	532.4	411.6	323.6	243.4	173.2
-5°	1542.7	1349.7	1150.8	960.8	790.6	658.0	522.5	404.7	320.6	241.4	173.2
-7.5°	1492.2	1304.2	1108.3	926.2	762.9	632.3	503.7	393.8	313.7	237.5	172.2
-10°	1414.0	1235.9	1054.8	886.6	733.2	609.5	487.8	383.9	307.7	233.5	168.2
-12.5°	1330.9	1160.7	993.5	838.1	699.6	585.8	470.0	373.1	300.8	229.6	166.2
-15°	1242.8	1083.5	929.2	787.7	663.0	557.1	451.2	361.2	293.9	224.6	163.3
-17.5°	1150.8	1002.4	862.9	736.2	626.4	527.4	431.4	350.3	286.0	219.7	160.3
-20°	1053.8	919.3	795.6	683.8	587.8	497.7	410.7	337.4	277.1	213.7	156.3



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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°	957.9	837.1	726.3	632.3	548.2	467.1	389.9	324.6	267.2	206.8	153.4
-25°	872.8	760.0	665.0	582.8	509.6	437.4	368.1	311.7	256.3	199.9	149.4
-27.5°	789.6	693.7	604.6	536.3	472.0	408.7	347.3	297.8	245.4	192.0	145.5
-30°	712.5	630.3	557.1	490.8	436.4	382.9	329.5	284.0	233.5	184.1	140.5
-32.5°	642.2	575.9	514.6	451.2	402.7	357.2	312.7	270.1	221.7	176.1	135.6
-35°	576.9	525.4	472.0	418.6	369.1	333.5	294.9	255.3	210.8	167.2	130.6
-37.5°	518.5	477.0	434.4	388.9	346.3	310.7	278.1	240.5	199.9	159.3	125.7
-40°	468.0	434.4	396.8	360.2	324.6	290.9	261.2	225.6	189.0	153.4	120.7
-42.5°	421.5	395.8	365.1	334.5	302.8	273.1	244.4	209.8	178.1	146.5	115.8
-45°	385.9	360.2	335.4	307.7	281.0	255.3	226.6	195.9	168.2	138.5	110.8
-47.5°	352.3	329.5	306.8	284.0	262.2	238.5	209.8	184.1	157.3	131.6	106.9
-50°	322.6	300.8	281.0	261.2	242.4	219.7	193.0	172.2	148.4	124.7	101.9
-52.5°	294.9	276.1	256.3	240.5	224.6	201.9	180.1	160.3	139.5	116.8	97.0
-55°	270.1	252.3	234.5	219.7	204.8	185.0	167.2	150.4	130.6	110.8	92.0
-57.5°	246.4	231.5	214.7	200.9	186.0	170.2	155.4	139.5	121.7	104.9	87.1
-60°	224.6	210.8	195.9	182.1	169.2	156.3	142.5	129.6	113.8	98.0	82.1
-62.5°	202.9	191.0	178.1	164.3	154.4	142.5	131.6	118.7	105.9	92.0	73.2
-65°	183.1	172.2	160.3	148.4	139.5	130.6	120.7	108.8	98.0	85.1	65.3
-67.5°	163.3	153.4	143.5	133.6	125.7	118.7	108.8	99.9	91.0	77.2	57.4
-70°	144.5	136.6	127.6	119.7	113.8	105.9	99.0	91.0	83.1	67.3	48.5
-72.5°	126.7	118.7	111.8	105.9	100.9	94.0	88.1	82.1	71.2	56.4	40.6
-75°	105.9	100.9	97.0	92.0	87.1	82.1	77.2	70.3	59.4	45.5	31.7
-77.5°	87.1	84.1	81.1	77.2	73.2	69.3	63.3	56.4	47.5	35.6	25.7
-80°	71.2	68.3	66.3	62.3	59.4	55.4	49.5	43.5	34.6	27.7	20.8
-82.5°	54.4	52.4	50.5	48.5	45.5	41.6	35.6	30.7	25.7	20.8	15.8
-85°	38.6	37.6	35.6	33.6	30.7	27.7	23.7	20.8	17.8	13.9	10.9
-87.5°	19.8	18.8	17.8	16.8	15.8	13.9	11.9	9.9	8.9	6.9	4.9
-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°	4.0	3.0	1.0	0.0
85°	7.9	4.9	2.0	0.0
82.5°	11.9	7.9	3.0	0.0
80°	15.8	9.9	4.9	0.0
77.5°	19.8	11.9	5.9	0.0
75°	23.7	14.8	6.9	0.0
72.5°	26.7	16.8	7.9	0.0
70°	31.7	19.8	8.9	0.0
67.5°	39.6	21.8	9.9	0.0
65°	46.5	23.7	10.9	0.0
62.5°	54.4	25.7	11.9	0.0
60°	61.4	27.7	12.9	0.0
57.5°	68.3	32.7	13.9	0.0
55°	74.2	36.6	14.8	0.0
52.5°	81.1	40.6	15.8	0.0
50°	87.1	44.5	16.8	0.0
47.5°	92.0	48.5	16.8	0.0
45°	96.0	51.5	17.8	0.0
42.5°	99.0	54.4	18.8	0.0
40°	101.9	57.4	19.8	0.0
37.5°	104.9	60.4	19.8	0.0
35°	107.9	63.3	20.8	0.0
32.5°	110.8	66.3	20.8	0.0
30°	112.8	68.3	21.8	0.0
27.5°	115.8	70.3	21.8	0.0
25°	116.8	72.2	22.8	0.0
22.5°	118.7	73.2	22.8	0.0
20°	120.7	75.2	22.8	0.0
17.5°	121.7	76.2	23.7	0.0
15°	121.7	77.2	24.7	0.0
12.5°	122.7	78.2	24.7	0.0
10°	122.7	80.2	23.7	0.0
7.5°	124.7	79.2	23.7	0.0
5°	123.7	79.2	23.7	0.0
2.5°	122.7	78.2	23.7	0.0
0°	121.7	78.2	23.7	0.0
-2.5°	121.7	78.2	23.7	0.0
-5°	121.7	78.2	23.7	0.0
-7.5°	120.7	79.2	23.7	0.0
-10°	118.7	79.2	23.7	0.0
-12.5°	117.8	76.2	23.7	0.0
-15°	116.8	75.2	23.7	0.0
-17.5°	114.8	74.2	22.8	0.0
-20°	112.8	73.2	22.8	0.0



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CATALOG NUMBER: IFLD-S-SA3A-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	110.8	71.2	22.8	0.0
-25°	108.8	69.3	21.8	0.0
-27.5°	106.9	67.3	21.8	0.0
-30°	103.9	65.3	20.8	0.0
-32.5°	100.9	63.3	20.8	0.0
-35°	99.0	60.4	19.8	0.0
-37.5°	96.0	57.4	19.8	0.0
-40°	93.0	54.4	18.8	0.0
-42.5°	90.0	51.5	17.8	0.0
-45°	86.1	48.5	17.8	0.0
-47.5°	83.1	45.5	16.8	0.0
-50°	78.2	41.6	15.8	0.0
-52.5°	72.2	37.6	14.8	0.0
-55°	66.3	34.6	13.9	0.0
-57.5°	60.4	30.7	13.9	0.0
-60°	54.4	26.7	12.9	0.0
-62.5°	48.5	24.7	11.9	0.0
-65°	42.5	22.8	10.9	0.0
-67.5°	35.6	19.8	9.9	0.0
-70°	29.7	17.8	8.9	0.0
-72.5°	25.7	15.8	7.9	0.0
-75°	21.8	13.9	6.9	0.0
-77.5°	18.8	11.9	5.9	0.0
-80°	14.8	8.9	4.0	0.0
-82.5°	10.9	6.9	3.0	0.0
-85°	6.9	4.9	2.0	0.0
-87.5°	4.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)