

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: P722280

Luminaire Tested: **IFLD-S-SA2C-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722280  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2C-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

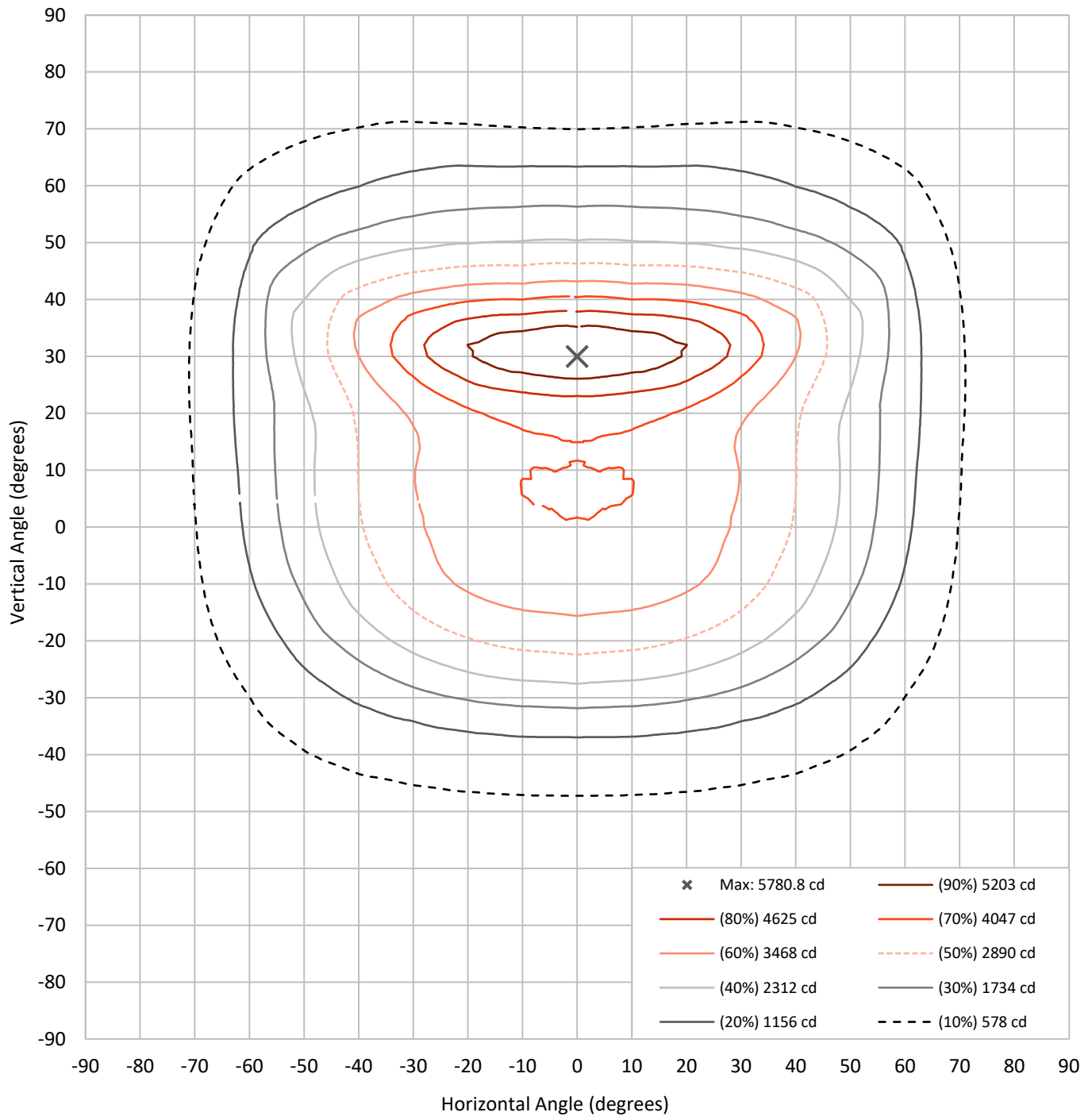
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9649.6 lumens	Max Intensity:	5780.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5611.3 lumens	Field Lumens:	9042.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 108.2  
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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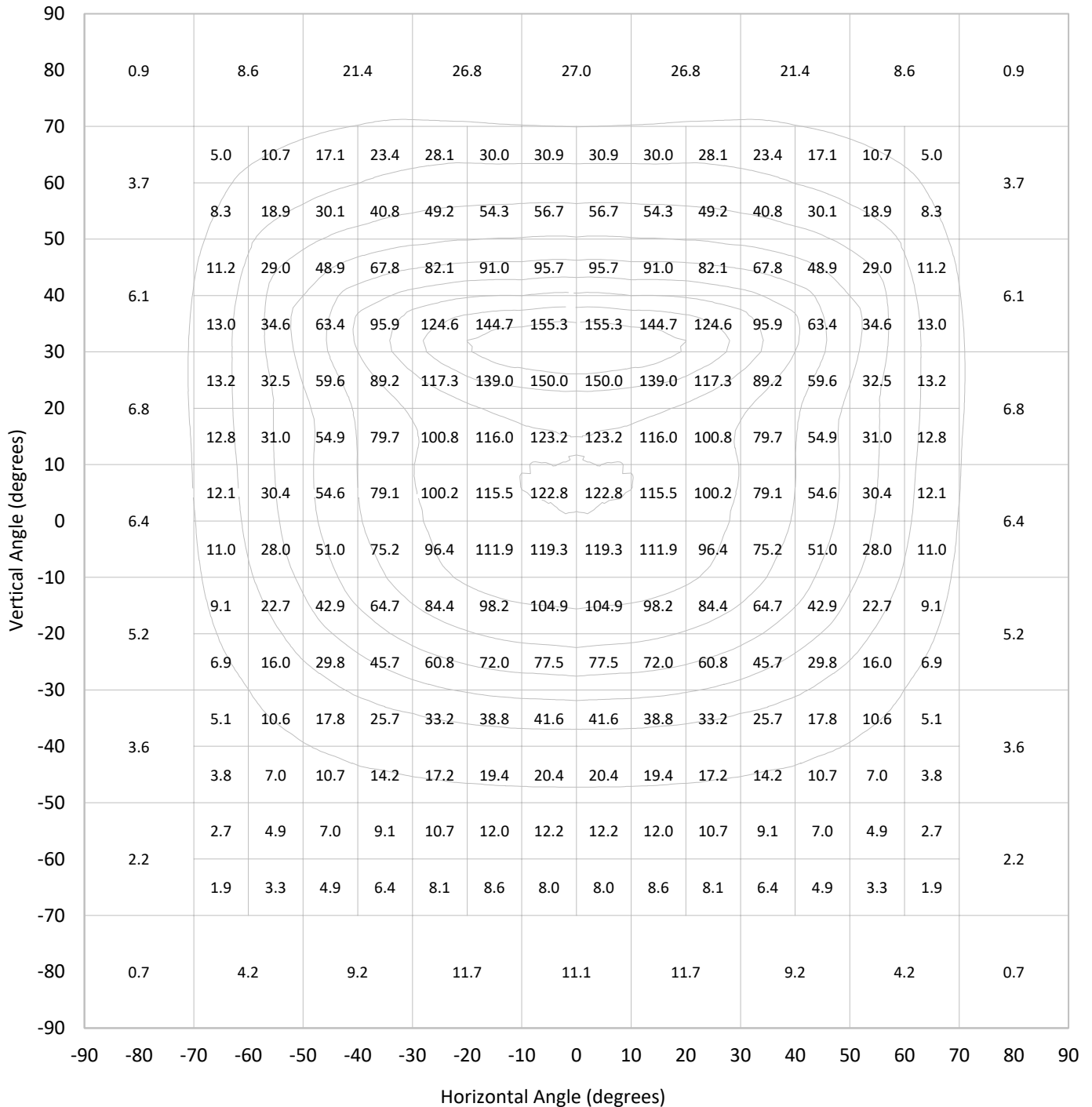
### Iso-Candela Plot





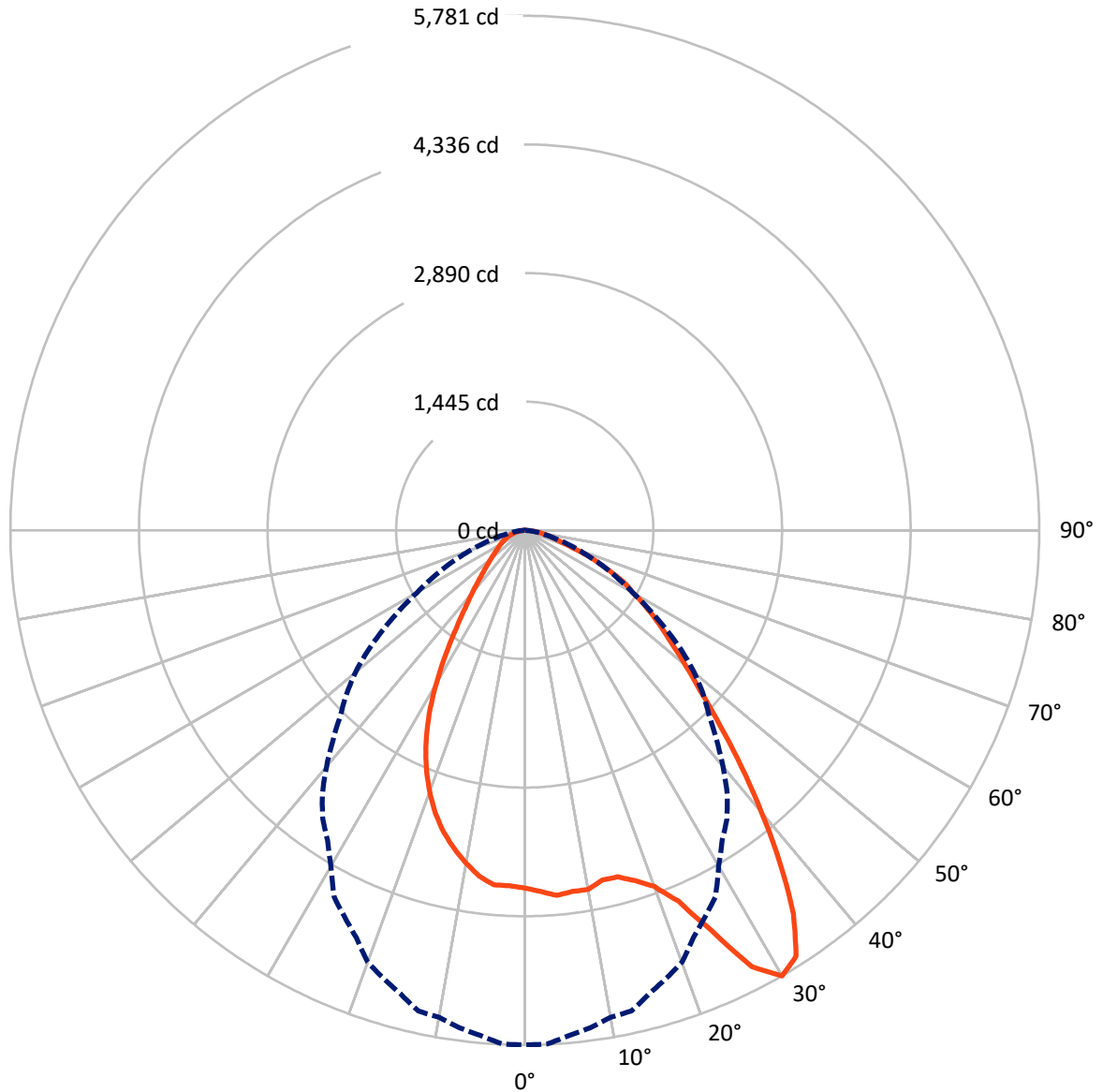
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### Lumen Table



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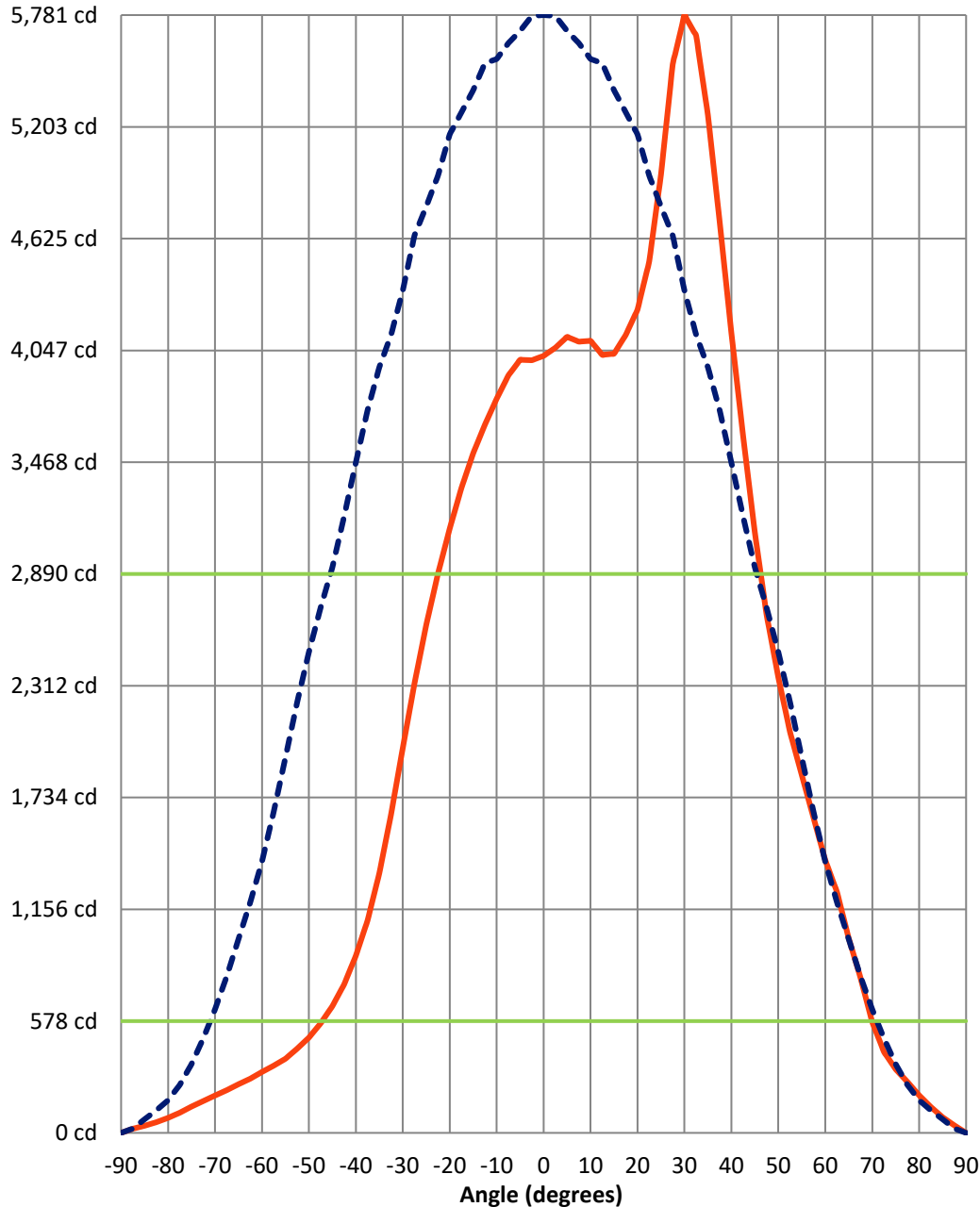
### Luminous Intensity Polar Plot



— 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: 5611.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 9042.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 606.7  
 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°	38.8	39.9	40.9	40.9	39.9	39.9	39.9	38.8	39.9	39.9	39.9
85°	80.8	82.8	84.8	83.8	82.8	80.8	78.7	79.7	80.8	81.8	81.8
82.5°	133.9	137.0	139.0	138.0	136.0	133.9	131.9	132.9	134.9	136.0	136.0
80°	194.2	195.2	196.3	198.3	195.2	195.2	194.2	198.3	200.4	202.4	204.4
77.5°	263.7	264.8	264.8	265.8	266.8	267.8	267.8	275.0	280.1	283.2	286.2
75°	329.2	332.2	335.3	338.4	342.5	344.5	347.6	357.8	366.0	372.1	378.2
72.5°	419.1	423.2	428.3	435.5	442.6	447.7	454.9	467.2	476.4	482.5	489.7
70°	573.5	577.6	582.7	587.8	594.9	600.1	607.2	622.5	631.7	635.8	639.9
67.5°	802.5	812.7	821.9	811.7	806.5	799.4	801.4	815.7	824.9	831.1	830.1
65°	1005.9	1013.0	1013.0	1012.0	1007.9	998.7	1003.8	1021.2	1031.4	1036.6	1021.2
62.5°	1245.1	1245.1	1240.0	1248.2	1249.2	1243.0	1240.0	1241.0	1242.0	1245.1	1219.5
60°	1410.7	1420.9	1424.0	1431.1	1433.2	1433.2	1438.3	1442.4	1442.4	1436.3	1406.6
57.5°	1629.5	1648.9	1653.0	1647.9	1637.6	1624.3	1622.3	1616.2	1603.9	1591.6	1577.3
55°	1850.3	1860.5	1859.5	1856.4	1846.2	1830.8	1832.9	1824.7	1805.3	1789.9	1770.5
52.5°	2072.1	2096.6	2100.7	2094.6	2080.3	2063.9	2064.9	2055.7	2036.3	2020.0	1993.4
50°	2355.2	2375.7	2373.6	2363.4	2343.0	2330.7	2331.7	2314.4	2291.9	2286.8	2252.0
47.5°	2679.3	2702.8	2698.7	2684.4	2656.8	2651.7	2656.8	2634.3	2621.0	2609.8	2568.9
45°	3104.5	3132.2	3116.8	3089.2	3045.3	3050.4	3057.5	3053.4	3024.8	2995.2	2943.0
42.5°	3603.4	3620.8	3602.4	3574.8	3519.6	3529.8	3525.7	3501.2	3483.8	3434.7	3368.3
40°	4137.0	4174.8	4146.2	4103.3	4046.0	4061.4	4050.1	4018.4	3977.5	3916.2	3832.4
37.5°	4712.5	4742.2	4709.5	4659.4	4608.3	4603.2	4580.7	4531.6	4473.3	4405.9	4272.0
35°	5263.5	5340.2	5279.9	5200.1	5137.8	5114.3	5092.8	4979.3	4912.9	4803.5	4620.5
32.5°	5673.4	5729.7	5655.0	5572.2	5496.6	5463.9	5388.2	5253.3	5217.5	4987.5	4819.9
30°	5780.8	5776.7	5699.0	5635.6	5553.8	5531.4	5392.3	5277.8	5163.3	4950.7	4791.2
27.5°	5525.2	5499.7	5425.0	5369.8	5289.1	5262.5	5125.5	5064.2	4887.3	4707.4	4572.5
25°	4955.8	4969.1	4912.9	4885.3	4832.1	4774.9	4720.7	4637.9	4527.5	4370.1	4246.4
22.5°	4507.1	4524.4	4500.9	4468.2	4427.3	4395.6	4354.8	4290.4	4184.0	4086.9	3970.4
20°	4257.6	4252.5	4232.1	4207.5	4168.7	4146.2	4101.2	4047.1	3965.3	3881.5	3755.7
17.5°	4126.8	4095.1	4075.7	4066.5	4046.0	4017.4	3964.3	3909.1	3845.7	3750.6	3658.6
15°	4029.7	4034.8	4019.5	4012.3	3995.9	3956.1	3901.9	3856.9	3771.1	3723.0	3639.2
12.5°	4023.5	4018.4	4019.5	4016.4	3995.9	3944.8	3917.2	3860.0	3804.8	3741.4	3645.3
10°	4096.1	4041.9	4046.0	4060.3	4027.6	3986.7	3957.1	3894.7	3842.6	3761.9	3666.8
7.5°	4092.0	4064.4	4072.6	4049.1	4059.3	4009.2	3968.3	3906.0	3840.6	3754.7	3668.8
5°	4116.6	4074.7	4067.5	4069.5	4044.0	4006.2	3951.0	3891.7	3830.3	3734.3	3646.3
2.5°	4060.3	4066.5	4033.8	4021.5	4018.4	3955.1	3903.9	3846.7	3783.3	3698.5	3619.8
0°	4018.4	4029.7	3995.9	3978.6	3977.5	3923.4	3890.7	3825.2	3780.3	3709.7	3614.6
-2.5°	3995.9	4009.2	4013.3	3981.6	3951.0	3909.1	3853.9	3783.3	3709.7	3627.9	3546.2
-5°	3998.0	3971.4	3960.2	3970.4	3943.8	3901.9	3840.6	3778.2	3705.6	3617.7	3515.5
-7.5°	3917.2	3890.7	3888.6	3883.5	3877.4	3837.5	3786.4	3718.9	3645.3	3563.5	3468.5
-10°	3796.6	3777.2	3772.1	3767.0	3750.6	3727.1	3679.1	3617.7	3551.3	3469.5	3368.3
-12.5°	3662.7	3653.5	3634.1	3620.8	3604.4	3576.8	3530.8	3474.6	3408.2	3335.6	3248.7
-15°	3514.5	3497.1	3477.7	3466.4	3442.9	3410.2	3364.2	3312.1	3239.5	3167.9	3086.1
-17.5°	3335.6	3314.1	3292.6	3289.6	3273.2	3223.1	3180.2	3116.8	3053.4	2984.9	2905.2
-20°	3125.0	3095.3	3081.0	3072.9	3050.4	3013.6	2967.6	2909.3	2848.0	2782.5	2690.5



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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°	2891.9	2866.4	2841.8	2826.5	2807.1	2778.5	2734.5	2683.4	2623.1	2549.5	2464.6
-25°	2627.2	2591.4	2576.1	2558.7	2548.5	2521.9	2478.9	2431.9	2369.6	2298.0	2217.2
-27.5°	2324.6	2296.0	2287.8	2263.2	2251.0	2223.4	2187.6	2143.6	2086.4	2018.9	1952.5
-30°	1990.3	1972.9	1959.6	1935.1	1925.9	1896.3	1872.7	1835.9	1783.8	1735.8	1682.6
-32.5°	1646.8	1629.5	1625.4	1614.1	1608.0	1588.6	1562.0	1535.4	1493.5	1457.7	1414.8
-35°	1342.2	1329.9	1331.0	1329.9	1323.8	1309.5	1276.8	1269.6	1239.0	1206.2	1178.6
-37.5°	1098.9	1099.9	1098.9	1097.9	1089.7	1083.6	1060.1	1050.9	1032.5	1000.8	984.4
-40°	915.9	918.0	917.0	914.9	905.7	902.6	887.3	875.0	867.9	845.4	828.0
-42.5°	767.7	770.8	769.7	768.7	762.6	761.6	753.4	739.1	735.0	721.7	703.3
-45°	655.3	654.2	652.2	654.2	651.2	648.1	643.0	633.8	628.7	622.5	607.2
-47.5°	566.3	567.3	565.3	565.3	561.2	558.1	556.1	550.0	545.9	540.8	531.6
-50°	492.7	496.8	495.8	494.8	491.7	489.7	489.7	483.5	477.4	475.3	469.2
-52.5°	435.5	438.5	439.6	441.6	442.6	443.7	440.6	434.5	424.2	423.2	420.1
-55°	383.3	392.5	398.7	402.8	406.9	409.9	403.8	395.6	385.4	381.3	380.3
-57.5°	347.6	356.8	363.9	370.1	375.2	380.3	374.1	366.0	356.8	351.7	350.6
-60°	314.9	323.0	330.2	338.4	345.5	353.7	350.6	344.5	339.4	335.3	331.2
-62.5°	280.1	288.3	296.5	306.7	315.9	324.1	325.1	324.1	323.0	324.1	316.9
-65°	251.5	255.6	260.7	271.9	282.1	291.3	296.5	299.5	304.6	309.7	302.6
-67.5°	220.8	225.9	232.0	240.2	248.4	254.5	261.7	269.9	278.0	286.2	281.1
-70°	193.2	197.3	202.4	206.5	211.6	215.7	221.8	231.0	240.2	248.4	246.4
-72.5°	164.6	168.7	171.7	173.8	176.8	178.9	182.0	190.1	196.3	200.4	200.4
-75°	136.0	140.0	143.1	144.1	146.2	147.2	149.2	152.3	155.4	156.4	157.4
-77.5°	104.3	108.4	111.4	113.5	115.5	117.6	118.6	120.6	121.6	121.6	122.7
-80°	77.7	80.8	82.8	85.9	86.9	88.9	91.0	92.0	93.0	93.0	94.0
-82.5°	55.2	57.2	59.3	61.3	63.4	64.4	66.4	67.5	68.5	69.5	70.5
-85°	36.8	38.8	40.9	42.9	44.0	45.0	46.0	47.0	48.0	49.1	50.1
-87.5°	21.5	22.5	23.5	25.6	26.6	28.6	29.6	28.6	29.6	29.6	29.6
-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°	39.9	39.9	39.9	39.9	38.8	36.8	35.8	33.7	31.7	29.6	27.6
85°	82.8	83.8	83.8	83.8	81.8	80.8	77.7	74.6	70.5	64.4	59.3
82.5°	138.0	139.0	139.0	138.0	136.0	132.9	128.8	123.7	115.5	107.3	100.2
80°	207.5	208.5	208.5	207.5	202.4	197.3	192.2	186.0	175.8	164.6	152.3
77.5°	290.3	292.4	292.4	289.3	282.1	276.0	267.8	257.6	242.3	225.9	209.6
75°	386.4	391.5	392.5	389.5	380.3	369.0	355.7	338.4	314.9	294.4	275.0
72.5°	497.8	502.9	507.0	502.9	489.7	474.3	454.9	434.5	410.9	383.3	350.6
70°	644.0	649.1	652.2	638.9	615.4	589.8	566.3	542.8	515.2	481.5	445.7
67.5°	828.0	822.9	816.8	790.2	760.5	729.9	697.2	662.4	626.6	590.9	548.9
65°	1004.9	990.6	977.3	945.6	907.8	867.9	830.1	791.2	748.3	703.3	663.4
62.5°	1190.9	1160.2	1127.5	1088.7	1049.8	1005.9	968.1	922.1	874.0	818.8	767.7
60°	1373.9	1337.1	1304.4	1256.3	1205.2	1145.9	1105.0	1060.1	1003.8	944.6	884.2
57.5°	1550.7	1510.9	1475.1	1433.2	1378.0	1313.6	1268.6	1210.3	1151.0	1076.4	1015.1
55°	1738.8	1699.0	1670.3	1623.3	1563.0	1503.7	1454.7	1393.3	1310.5	1230.8	1155.1
52.5°	1954.5	1922.8	1892.2	1844.1	1771.5	1711.2	1657.1	1588.6	1501.7	1403.5	1312.6
50°	2195.8	2179.4	2146.7	2090.5	2007.7	1954.5	1883.0	1792.0	1699.0	1595.7	1482.3
47.5°	2515.7	2489.2	2443.2	2381.8	2312.3	2232.6	2136.5	2030.2	1898.3	1783.8	1663.2
45°	2898.1	2849.0	2789.7	2706.9	2621.0	2531.1	2425.8	2290.8	2114.0	1964.7	1838.0
42.5°	3312.1	3245.6	3164.9	3056.5	2945.1	2834.7	2721.2	2537.2	2316.4	2144.7	2001.6
40°	3744.5	3659.6	3558.4	3401.0	3277.3	3135.2	3005.4	2730.4	2495.3	2309.2	2156.9
37.5°	4167.7	4060.3	3890.7	3699.5	3555.4	3438.8	3153.6	2859.2	2648.6	2444.2	2289.8
35°	4491.7	4400.8	4101.2	3902.9	3779.2	3595.2	3238.5	2936.9	2714.1	2544.4	2304.1
32.5°	4683.9	4448.8	4186.1	3985.7	3883.5	3581.9	3244.6	2959.4	2744.7	2554.6	2267.3
30°	4641.0	4356.8	4126.8	3959.1	3737.3	3466.4	3187.4	2924.6	2716.1	2486.1	2226.4
27.5°	4382.4	4162.6	3957.1	3782.3	3564.6	3321.3	3063.7	2832.6	2638.4	2415.6	2170.2
25°	4090.0	3890.7	3738.3	3586.0	3379.5	3147.5	2920.5	2753.9	2558.7	2338.9	2096.6
22.5°	3821.1	3678.0	3558.4	3399.0	3197.6	2995.2	2854.1	2681.3	2481.0	2258.1	2021.0
20°	3649.4	3552.3	3415.3	3239.5	3081.0	2954.3	2797.9	2614.9	2408.4	2175.3	1956.6
17.5°	3566.6	3454.2	3301.8	3187.4	3065.7	2926.7	2751.9	2557.7	2337.9	2137.5	1963.7
15°	3523.7	3405.1	3304.9	3192.5	3055.5	2909.3	2715.1	2513.7	2337.9	2152.8	1968.8
12.5°	3532.9	3430.6	3321.3	3198.6	3051.4	2895.0	2719.2	2532.1	2350.1	2164.1	1969.9
10°	3561.5	3454.2	3337.6	3201.7	3053.4	2899.1	2730.4	2543.3	2356.3	2169.2	1967.8
7.5°	3571.7	3455.2	3330.5	3193.5	3048.3	2897.0	2732.5	2546.4	2357.3	2168.2	1961.7
5°	3540.0	3434.7	3314.1	3176.1	3034.0	2886.8	2724.3	2542.3	2349.1	2158.0	1946.3
2.5°	3497.1	3412.2	3296.7	3163.8	3019.7	2872.5	2711.0	2523.9	2330.7	2139.6	1926.9
0°	3489.9	3384.6	3268.1	3149.5	2996.2	2840.8	2680.3	2489.2	2297.0	2104.8	1893.2
-2.5°	3442.9	3331.5	3215.0	3086.1	2951.2	2794.8	2626.1	2439.1	2248.9	2059.8	1856.4
-5°	3407.1	3283.4	3159.8	3020.7	2884.8	2728.4	2553.6	2371.6	2185.6	2001.6	1805.3
-7.5°	3359.1	3232.3	3102.5	2957.3	2810.1	2650.7	2477.9	2296.0	2113.0	1930.0	1741.9
-10°	3262.0	3150.6	3028.9	2878.6	2723.3	2563.8	2392.0	2213.2	2030.2	1845.1	1656.0
-12.5°	3144.4	3026.9	2894.0	2756.0	2616.9	2468.7	2297.0	2121.2	1937.1	1751.1	1563.0
-15°	2992.1	2876.6	2740.6	2605.7	2471.8	2329.7	2178.4	2020.0	1832.9	1649.9	1461.8
-17.5°	2802.0	2693.6	2572.0	2443.2	2310.3	2167.2	2020.0	1886.0	1711.2	1539.5	1353.4
-20°	2597.5	2496.3	2386.9	2265.3	2132.4	1992.4	1853.3	1713.3	1562.0	1410.7	1237.9



REPORT NUMBER: P722280

CATALOG NUMBER: IFLD-S-SA2C-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°	2384.9	2282.7	2172.3	2058.8	1936.1	1806.3	1677.5	1543.6	1410.7	1273.7	1127.5
-25°	2139.6	2049.6	1948.4	1838.0	1728.6	1615.1	1492.5	1370.8	1257.4	1138.8	1019.2
-27.5°	1883.0	1800.2	1708.2	1612.1	1518.0	1423.0	1316.6	1204.2	1110.2	1012.0	912.9
-30°	1613.1	1546.7	1472.0	1388.2	1315.6	1239.0	1150.0	1057.0	971.1	896.5	816.8
-32.5°	1357.5	1301.3	1248.2	1193.0	1121.4	1062.1	1000.8	932.3	856.6	786.1	728.9
-35°	1137.8	1077.4	1055.0	1014.1	963.0	910.8	865.8	816.8	759.5	697.2	650.1
-37.5°	952.7	917.0	885.3	862.8	829.0	787.1	751.3	715.6	671.6	624.6	577.6
-40°	808.6	784.1	749.3	738.1	716.6	688.0	651.2	623.6	593.9	558.1	518.3
-42.5°	693.1	674.7	652.2	632.8	623.6	603.1	574.5	547.9	524.4	499.9	469.2
-45°	598.0	585.7	571.4	554.1	546.9	530.5	510.1	480.5	467.2	446.7	424.2
-47.5°	521.3	515.2	505.0	493.7	483.5	471.3	452.9	434.5	416.1	402.8	385.4
-50°	461.0	456.9	450.8	441.6	428.3	420.1	407.9	391.5	374.1	362.9	350.6
-52.5°	413.0	408.9	404.8	397.7	387.4	379.3	369.0	355.7	341.4	330.2	320.0
-55°	376.2	370.1	367.0	360.9	352.7	343.5	334.3	325.1	312.8	302.6	292.4
-57.5°	347.6	339.4	335.3	330.2	322.0	312.8	305.7	296.5	288.3	277.0	267.8
-60°	325.1	315.9	307.7	302.6	295.4	286.2	279.1	271.9	263.7	254.5	243.3
-62.5°	306.7	295.4	284.2	278.0	270.9	262.7	255.6	248.4	240.2	231.0	220.8
-65°	289.3	276.0	261.7	255.6	248.4	240.2	231.0	225.9	218.8	210.6	200.4
-67.5°	267.8	253.5	241.2	234.1	226.9	219.8	211.6	206.5	199.3	189.1	178.9
-70°	236.1	226.9	218.8	212.6	206.5	200.4	192.2	184.0	175.8	166.6	157.4
-72.5°	196.3	193.2	192.2	189.1	182.0	174.8	166.6	158.4	151.3	144.1	137.0
-75°	158.4	160.5	162.5	161.5	154.4	147.2	140.0	132.9	127.8	121.6	115.5
-77.5°	125.7	127.8	129.8	129.8	124.7	120.6	115.5	110.4	106.3	101.2	95.1
-80°	97.1	100.2	103.2	105.3	101.2	98.1	94.0	90.0	85.9	81.8	77.7
-82.5°	73.6	76.7	79.7	81.8	78.7	76.7	73.6	70.5	67.5	63.4	60.3
-85°	53.2	55.2	57.2	58.3	56.2	54.2	52.1	50.1	48.0	45.0	42.9
-87.5°	30.7	31.7	32.7	33.7	31.7	29.6	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	20.4	18.4	15.3	13.3	11.2	9.2	7.2	6.1
85°	54.2	49.1	42.9	39.9	35.8	31.7	27.6	23.5	19.4	15.3	11.2
82.5°	93.0	86.9	80.8	73.6	64.4	53.2	41.9	34.8	28.6	22.5	17.4
80°	140.0	128.8	118.6	109.4	99.2	84.8	69.5	55.2	38.8	29.6	22.5
77.5°	194.2	180.9	166.6	151.3	134.9	115.5	98.1	79.7	60.3	40.9	28.6
75°	255.6	238.2	218.8	197.3	175.8	150.3	125.7	104.3	81.8	57.2	34.8
72.5°	324.1	302.6	279.1	250.4	216.7	187.1	157.4	128.8	102.2	72.6	47.0
70°	412.0	378.2	343.5	312.8	269.9	222.8	188.1	155.4	121.6	88.9	59.3
67.5°	506.0	465.1	423.2	378.2	324.1	268.8	218.8	182.0	142.1	104.3	70.5
65°	608.2	557.1	504.0	453.9	379.3	313.8	257.6	207.5	161.5	118.6	81.8
62.5°	713.5	653.2	591.9	526.5	440.6	359.8	294.4	236.1	179.9	131.9	92.0
60°	826.0	755.4	680.8	599.0	498.9	409.9	329.2	265.8	199.3	145.2	103.2
57.5°	944.6	867.9	780.0	669.6	559.2	458.0	369.0	292.4	216.7	157.4	111.4
55°	1073.4	985.4	889.4	743.2	618.5	506.0	408.9	318.9	235.1	167.6	119.6
52.5°	1212.4	1110.2	988.5	820.9	680.8	555.1	445.7	342.5	252.5	178.9	126.8
50°	1367.8	1239.0	1075.4	892.4	735.0	601.1	482.5	368.0	266.8	191.2	132.9
47.5°	1529.3	1390.2	1153.1	958.9	790.2	646.1	520.3	390.5	281.1	201.4	139.0
45°	1697.9	1495.5	1233.8	1018.2	838.2	686.9	548.9	410.9	298.5	210.6	144.1
42.5°	1864.6	1575.3	1304.4	1077.4	883.2	723.7	572.5	430.4	312.8	219.8	149.2
40°	1943.3	1635.6	1360.6	1118.3	921.0	756.5	592.9	447.7	325.1	225.9	154.4
37.5°	1976.0	1672.4	1397.4	1157.2	950.7	773.8	610.3	463.1	335.3	232.0	158.4
35°	1983.2	1685.7	1415.8	1183.8	975.2	790.2	623.6	474.3	343.5	238.2	162.5
32.5°	1969.9	1681.6	1420.9	1193.0	990.6	802.5	632.8	482.5	349.6	244.3	166.6
30°	1940.2	1660.1	1402.5	1191.9	1001.8	809.6	638.9	488.6	355.7	248.4	168.7
27.5°	1892.2	1622.3	1379.0	1193.0	1007.9	812.7	642.0	491.7	359.8	251.5	172.8
25°	1832.9	1571.2	1380.0	1190.9	1009.0	813.7	642.0	491.7	360.9	252.5	175.8
22.5°	1764.4	1571.2	1380.0	1187.8	1002.8	811.7	638.9	489.7	360.9	254.5	178.9
20°	1768.5	1572.2	1377.0	1181.7	993.6	805.5	631.7	484.5	357.8	257.6	180.9
17.5°	1771.5	1570.2	1370.8	1173.5	981.4	795.3	622.5	477.4	357.8	260.7	182.0
15°	1771.5	1564.0	1361.6	1161.3	966.0	781.0	609.3	471.3	358.8	261.7	184.0
12.5°	1768.5	1552.8	1347.3	1144.9	947.6	763.6	601.1	469.2	358.8	262.7	184.0
10°	1762.3	1537.5	1328.9	1124.5	930.2	757.5	597.0	465.1	356.8	262.7	184.0
7.5°	1751.1	1519.1	1313.6	1112.2	920.0	750.3	590.9	459.0	353.7	260.7	186.0
5°	1733.7	1508.8	1301.3	1097.9	905.7	745.2	586.8	453.9	351.7	260.7	184.0
2.5°	1711.2	1496.6	1287.0	1079.5	889.4	727.8	573.5	442.6	344.5	256.6	182.0
0°	1674.4	1472.0	1262.5	1053.9	866.9	710.5	560.2	431.4	337.3	252.5	179.9
-2.5°	1640.7	1439.3	1230.8	1027.4	845.4	695.1	550.0	425.3	334.3	251.5	178.9
-5°	1593.7	1394.3	1188.9	992.6	816.8	679.8	539.7	418.1	331.2	249.4	178.9
-7.5°	1541.5	1347.3	1144.9	956.8	788.1	653.2	520.3	406.9	324.1	245.3	177.9
-10°	1460.8	1276.8	1089.7	915.9	757.5	629.7	504.0	396.6	317.9	241.2	173.8
-12.5°	1374.9	1199.1	1026.3	865.8	722.7	605.2	485.6	385.4	310.8	237.2	171.7
-15°	1283.9	1119.4	959.9	813.7	684.9	575.5	466.1	373.1	303.6	232.0	168.7
-17.5°	1188.9	1035.5	891.4	760.5	647.1	544.9	445.7	361.9	295.4	226.9	165.6
-20°	1088.7	949.7	821.9	706.4	607.2	514.2	424.2	348.6	286.2	220.8	161.5



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CATALOG NUMBER: IFLD-S-SA2C-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	989.5	864.8	750.3	653.2	566.3	482.5	402.8	335.3	276.0	213.6	158.4
-25°	901.6	785.1	686.9	602.1	526.5	451.8	380.3	322.0	264.8	206.5	154.4
-27.5°	815.7	716.6	624.6	554.1	487.6	422.2	358.8	307.7	253.5	198.3	150.3
-30°	736.0	651.2	575.5	507.0	450.8	395.6	340.4	293.4	241.2	190.1	145.2
-32.5°	663.4	594.9	531.6	466.1	416.1	369.0	323.0	279.1	229.0	182.0	140.0
-35°	596.0	542.8	487.6	432.4	381.3	344.5	304.6	263.7	217.7	172.8	134.9
-37.5°	535.7	492.7	448.8	401.7	357.8	321.0	287.3	248.4	206.5	164.6	129.8
-40°	483.5	448.8	409.9	372.1	335.3	300.5	269.9	233.1	195.2	158.4	124.7
-42.5°	435.5	408.9	377.2	345.5	312.8	282.1	252.5	216.7	184.0	151.3	119.6
-45°	398.7	372.1	346.5	317.9	290.3	263.7	234.1	202.4	173.8	143.1	114.5
-47.5°	363.9	340.4	316.9	293.4	270.9	246.4	216.7	190.1	162.5	136.0	110.4
-50°	333.3	310.8	290.3	269.9	250.4	226.9	199.3	177.9	153.3	128.8	105.3
-52.5°	304.6	285.2	264.8	248.4	232.0	208.5	186.0	165.6	144.1	120.6	100.2
-55°	279.1	260.7	242.3	226.9	211.6	191.2	172.8	155.4	134.9	114.5	95.1
-57.5°	254.5	239.2	221.8	207.5	192.2	175.8	160.5	144.1	125.7	108.4	90.0
-60°	232.0	217.7	202.4	188.1	174.8	161.5	147.2	133.9	117.6	101.2	84.8
-62.5°	209.6	197.3	184.0	169.7	159.5	147.2	136.0	122.7	109.4	95.1	75.6
-65°	189.1	177.9	165.6	153.3	144.1	134.9	124.7	112.4	101.2	87.9	67.5
-67.5°	168.7	158.4	148.2	138.0	129.8	122.7	112.4	103.2	94.0	79.7	59.3
-70°	149.2	141.1	131.9	123.7	117.6	109.4	102.2	94.0	85.9	69.5	50.1
-72.5°	130.8	122.7	115.5	109.4	104.3	97.1	91.0	84.8	73.6	58.3	41.9
-75°	109.4	104.3	100.2	95.1	90.0	84.8	79.7	72.6	61.3	47.0	32.7
-77.5°	90.0	86.9	83.8	79.7	75.6	71.6	65.4	58.3	49.1	36.8	26.6
-80°	73.6	70.5	68.5	64.4	61.3	57.2	51.1	45.0	35.8	28.6	21.5
-82.5°	56.2	54.2	52.1	50.1	47.0	42.9	36.8	31.7	26.6	21.5	16.4
-85°	39.9	38.8	36.8	34.8	31.7	28.6	24.5	21.5	18.4	14.3	11.2
-87.5°	20.4	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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CATALOG NUMBER: IFLD-S-SA2C-935-U-76

**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°	20.4	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	20.4	9.2	0.0
67.5°	40.9	22.5	10.2	0.0
65°	48.0	24.5	11.2	0.0
62.5°	56.2	26.6	12.3	0.0
60°	63.4	28.6	13.3	0.0
57.5°	70.5	33.7	14.3	0.0
55°	76.7	37.8	15.3	0.0
52.5°	83.8	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°	102.2	56.2	19.4	0.0
40°	105.3	59.3	20.4	0.0
37.5°	108.4	62.4	20.4	0.0
35°	111.4	65.4	21.5	0.0
32.5°	114.5	68.5	21.5	0.0
30°	116.5	70.5	22.5	0.0
27.5°	119.6	72.6	22.5	0.0
25°	120.6	74.6	23.5	0.0
22.5°	122.7	75.6	23.5	0.0
20°	124.7	77.7	23.5	0.0
17.5°	125.7	78.7	24.5	0.0
15°	125.7	79.7	25.6	0.0
12.5°	126.8	80.8	25.6	0.0
10°	126.8	82.8	24.5	0.0
7.5°	128.8	81.8	24.5	0.0
5°	127.8	81.8	24.5	0.0
2.5°	126.8	80.8	24.5	0.0
0°	125.7	80.8	24.5	0.0
-2.5°	125.7	80.8	24.5	0.0
-5°	125.7	80.8	24.5	0.0
-7.5°	124.7	81.8	24.5	0.0
-10°	122.7	81.8	24.5	0.0
-12.5°	121.6	78.7	24.5	0.0
-15°	120.6	77.7	24.5	0.0
-17.5°	118.6	76.7	23.5	0.0
-20°	116.5	75.6	23.5	0.0



REPORT NUMBER: P722280

CATALOG NUMBER: IFLD-S-SA2C-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	114.5	73.6	23.5	0.0
-25°	112.4	71.6	22.5	0.0
-27.5°	110.4	69.5	22.5	0.0
-30°	107.3	67.5	21.5	0.0
-32.5°	104.3	65.4	21.5	0.0
-35°	102.2	62.4	20.4	0.0
-37.5°	99.2	59.3	20.4	0.0
-40°	96.1	56.2	19.4	0.0
-42.5°	93.0	53.2	18.4	0.0
-45°	88.9	50.1	18.4	0.0
-47.5°	85.9	47.0	17.4	0.0
-50°	80.8	42.9	16.4	0.0
-52.5°	74.6	38.8	15.3	0.0
-55°	68.5	35.8	14.3	0.0
-57.5°	62.4	31.7	14.3	0.0
-60°	56.2	27.6	13.3	0.0
-62.5°	50.1	25.6	12.3	0.0
-65°	44.0	23.5	11.2	0.0
-67.5°	36.8	20.4	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°	11.2	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)