

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: P722281

Luminaire Tested: **IFLD-S-SA2D-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722281  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2D-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**

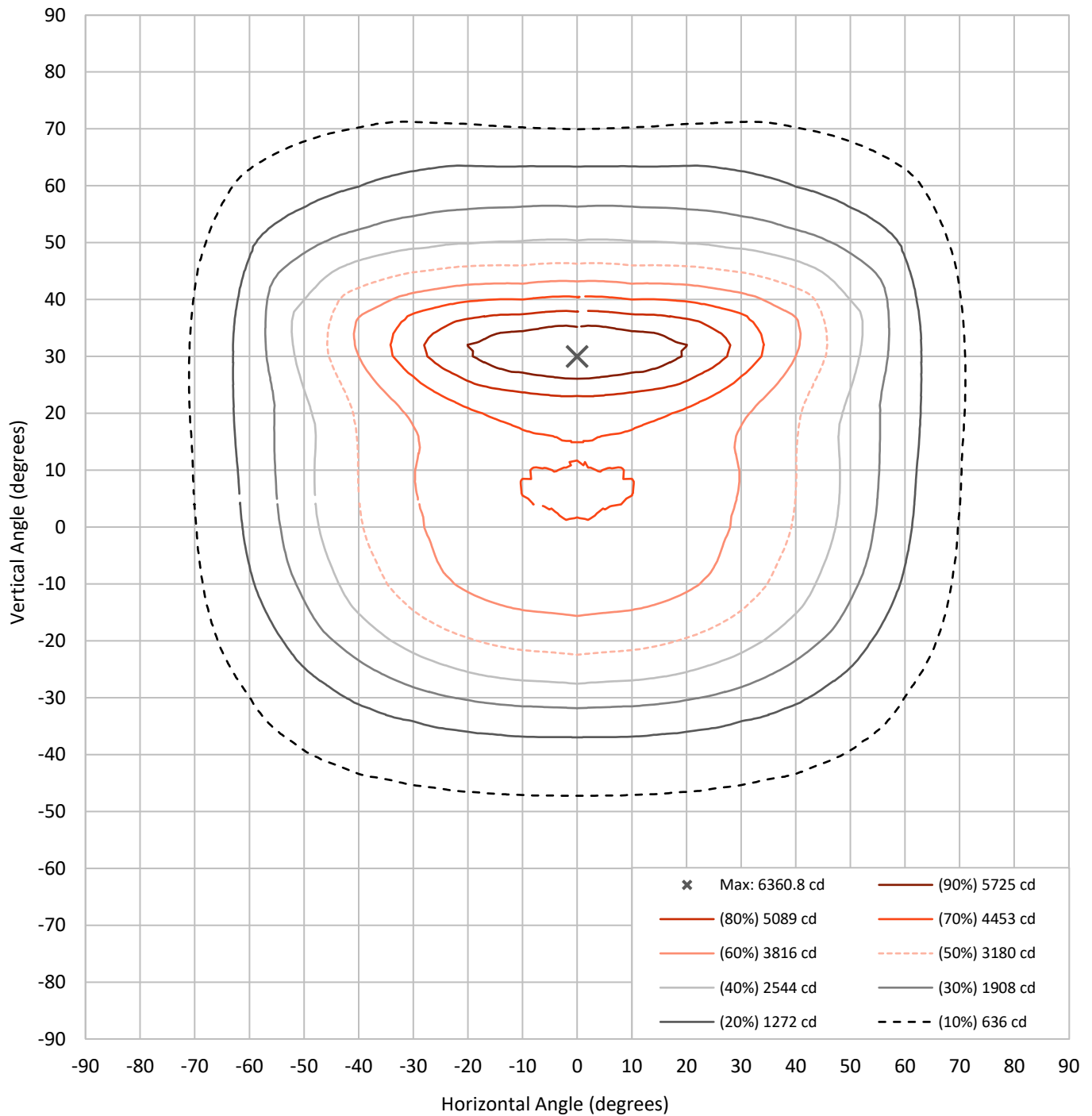
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10617.8 lumens	Max Intensity:	6360.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6174.4 lumens	Field Lumens:	9950.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9  
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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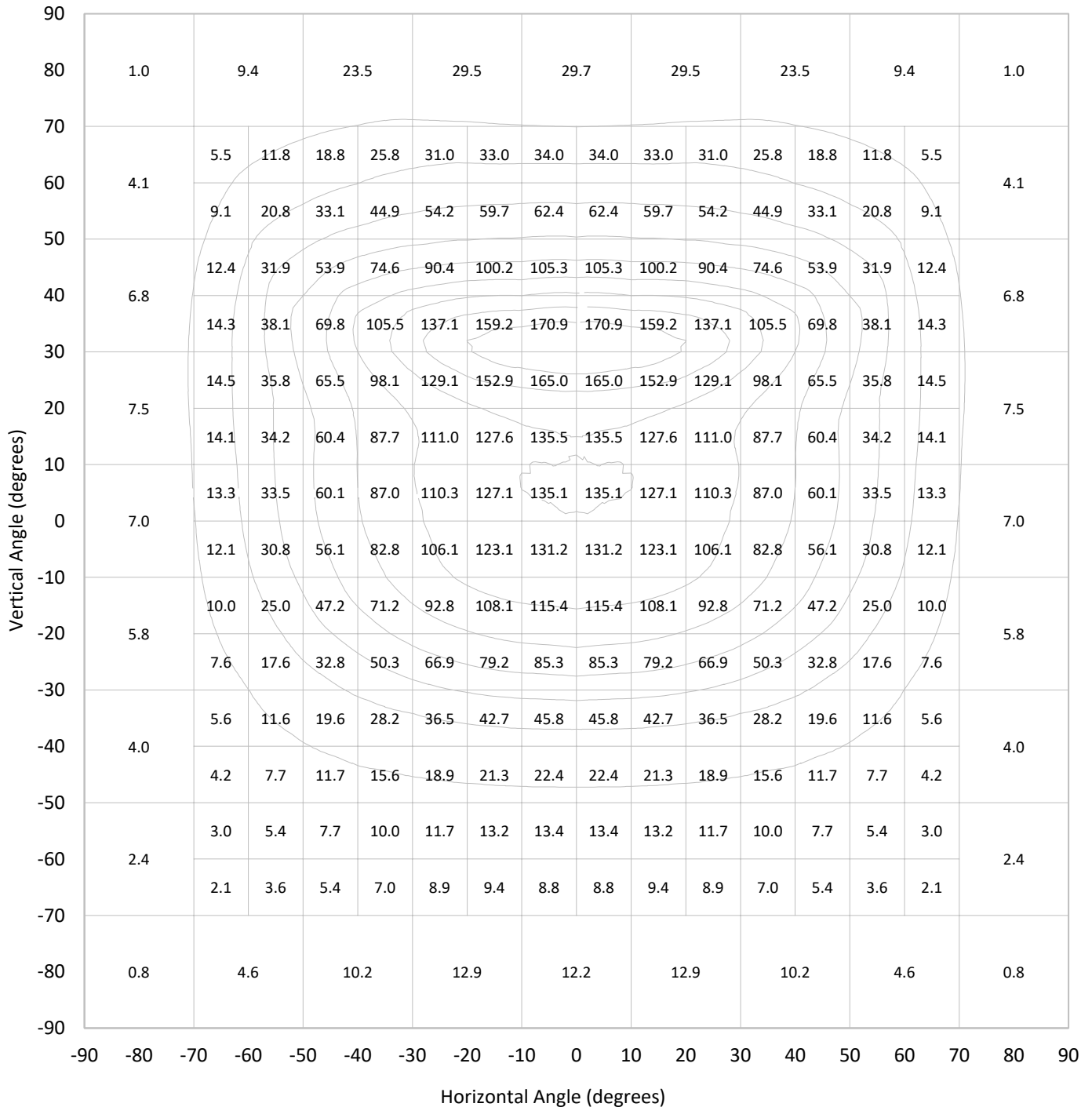
### Iso-Candela Plot





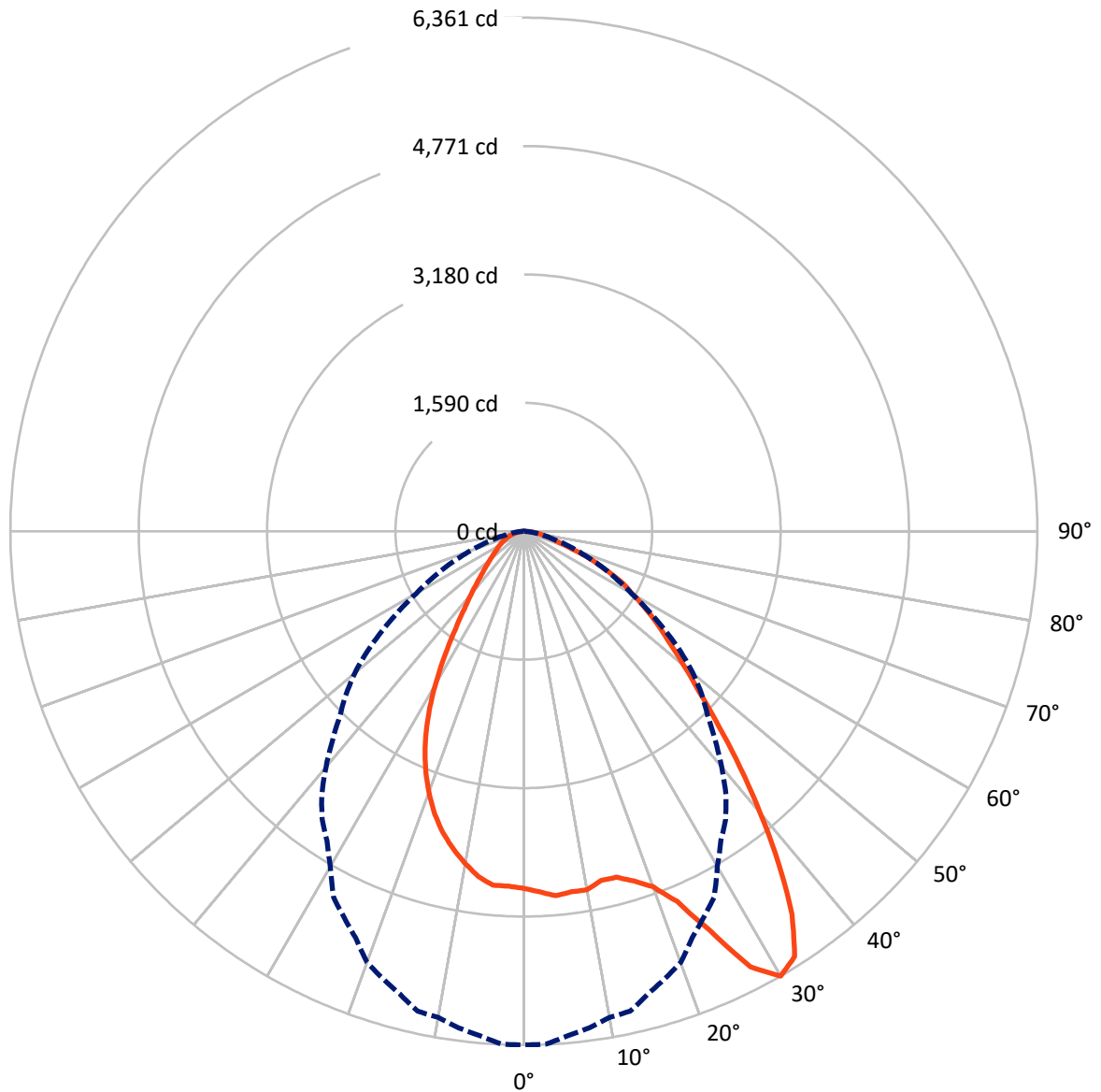
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### Lumen Table



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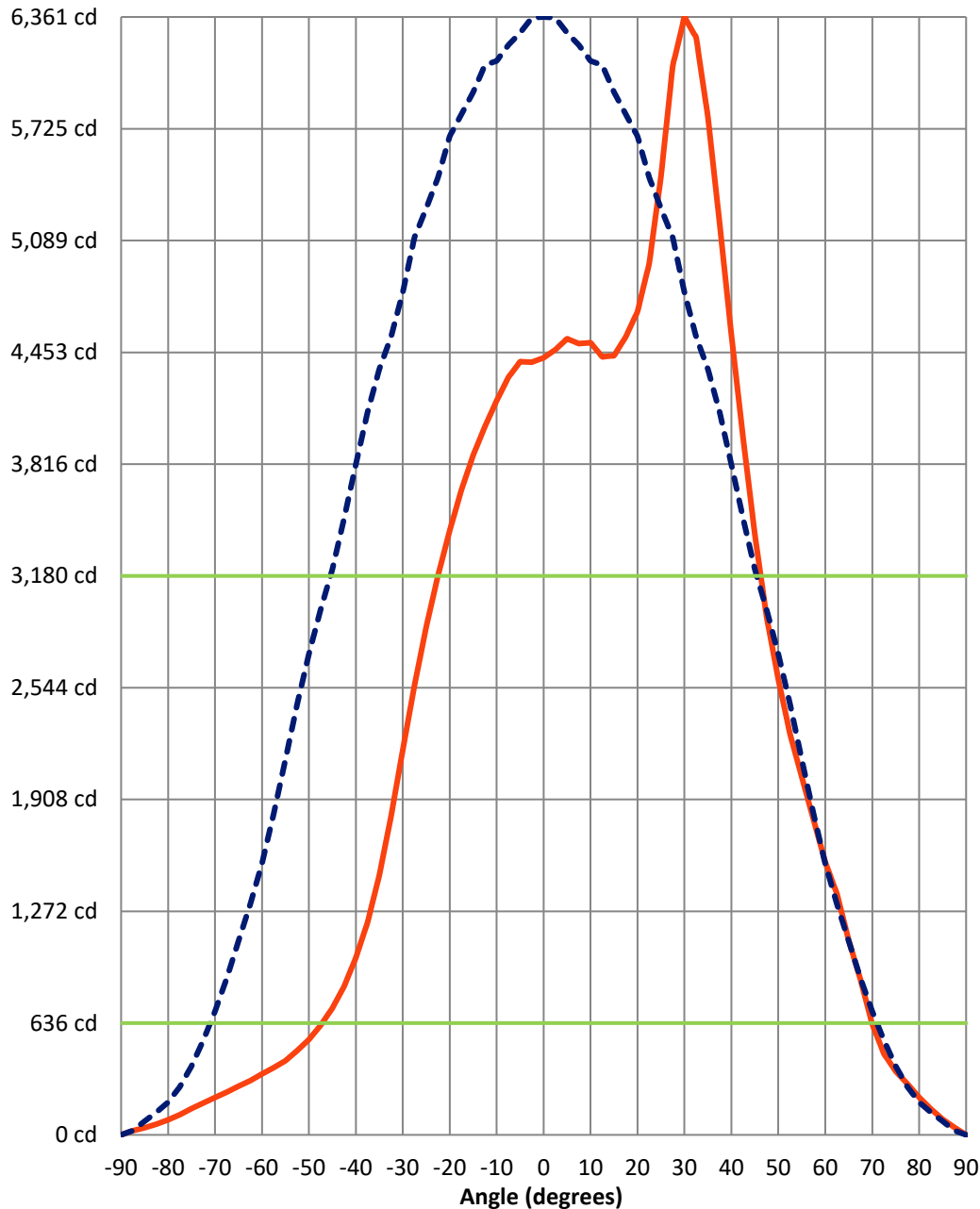
### Luminous Intensity Polar Plot



— 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: 6174.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 9950.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 667.5  
 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°	42.7	43.9	45.0	45.0	43.9	43.9	43.9	42.7	43.9	43.9	43.9
85°	88.9	91.1	93.4	92.2	91.1	88.9	86.6	87.7	88.9	90.0	90.0
82.5°	147.4	150.7	153.0	151.8	149.6	147.4	145.1	146.2	148.5	149.6	149.6
80°	213.7	214.8	216.0	218.2	214.8	214.8	213.7	218.2	220.5	222.7	225.0
77.5°	290.2	291.3	291.3	292.5	293.6	294.7	294.7	302.6	308.2	311.6	314.9
75°	362.2	365.6	368.9	372.3	376.8	379.1	382.4	393.7	402.7	409.4	416.2
72.5°	461.2	465.7	471.3	479.2	487.0	492.7	500.5	514.0	524.2	530.9	538.8
70°	631.0	635.5	641.1	646.8	654.6	660.3	668.1	685.0	695.1	699.6	704.1
67.5°	883.0	894.2	904.3	893.1	887.5	879.6	881.9	897.6	907.7	914.5	913.3
65°	1106.8	1114.7	1114.7	1113.6	1109.1	1098.9	1104.6	1123.7	1134.9	1140.6	1123.7
62.5°	1370.0	1370.0	1364.4	1373.4	1374.5	1367.8	1364.4	1365.5	1366.6	1370.0	1341.9
60°	1552.2	1563.5	1566.9	1574.7	1577.0	1577.0	1582.6	1587.1	1587.1	1580.4	1547.7
57.5°	1792.9	1814.3	1818.8	1813.2	1801.9	1787.3	1785.1	1778.3	1764.8	1751.3	1735.6
55°	2035.9	2047.2	2046.0	2042.7	2031.4	2014.5	2016.8	2007.8	1986.4	1969.5	1948.2
52.5°	2280.0	2307.0	2311.5	2304.7	2289.0	2271.0	2272.1	2262.0	2240.6	2222.6	2193.4
50°	2591.6	2614.1	2611.8	2600.6	2578.1	2564.6	2565.7	2546.6	2521.8	2516.2	2478.0
47.5°	2948.1	2974.0	2969.5	2953.8	2923.4	2917.8	2923.4	2898.6	2884.0	2871.6	2826.6
45°	3416.0	3446.4	3429.5	3399.2	3350.8	3356.4	3364.3	3359.8	3328.3	3295.7	3238.3
42.5°	3965.0	3984.1	3963.8	3933.5	3872.7	3884.0	3879.5	3852.5	3833.4	3779.4	3706.3
40°	4552.1	4593.7	4562.2	4515.0	4452.0	4468.9	4456.5	4421.6	4376.6	4309.1	4216.9
37.5°	5185.4	5218.0	5182.0	5126.9	5070.6	5065.0	5040.3	4986.3	4922.2	4847.9	4700.6
35°	5791.6	5876.0	5809.6	5721.9	5653.3	5627.4	5603.8	5479.0	5405.8	5285.5	5084.1
32.5°	6242.7	6304.6	6222.5	6131.3	6048.1	6012.1	5928.9	5780.4	5741.0	5488.0	5303.5
30°	6360.8	6356.3	6270.8	6201.1	6111.1	6086.4	5933.4	5807.4	5681.4	5447.5	5272.0
27.5°	6079.6	6051.5	5969.4	5908.6	5819.8	5790.5	5639.8	5572.3	5377.7	5179.8	5031.3
25°	5453.1	5467.7	5405.8	5375.5	5317.0	5254.0	5194.4	5103.3	4981.8	4808.6	4672.5
22.5°	4959.3	4978.4	4952.5	4916.5	4871.6	4836.7	4791.7	4720.8	4603.8	4497.0	4368.8
20°	4684.8	4679.2	4656.7	4629.7	4587.0	4562.2	4512.7	4453.1	4363.1	4270.9	4132.6
17.5°	4540.9	4506.0	4484.6	4474.5	4452.0	4420.5	4362.0	4301.3	4231.5	4126.9	4025.7
15°	4434.0	4439.6	4422.8	4414.9	4396.9	4353.0	4293.4	4243.9	4149.4	4096.6	4004.3
12.5°	4427.3	4421.6	4422.8	4419.4	4396.9	4340.6	4310.3	4247.3	4186.5	4116.8	4011.1
10°	4507.1	4447.5	4452.0	4467.7	4431.8	4386.8	4354.1	4285.5	4228.2	4139.3	4034.7
7.5°	4502.6	4472.2	4481.2	4455.4	4466.6	4411.5	4366.5	4297.9	4225.9	4131.4	4036.9
5°	4529.6	4483.5	4475.6	4477.9	4449.8	4408.1	4347.4	4282.2	4214.7	4108.9	4012.2
2.5°	4467.7	4474.5	4438.5	4425.0	4421.6	4351.9	4295.7	4232.7	4162.9	4069.6	3983.0
0°	4421.6	4434.0	4396.9	4377.8	4376.6	4317.0	4281.0	4209.0	4159.5	4081.9	3977.3
-2.5°	4396.9	4411.5	4416.0	4381.1	4347.4	4301.3	4240.5	4162.9	4081.9	3992.0	3902.0
-5°	4399.1	4369.9	4357.5	4368.8	4339.5	4293.4	4225.9	4157.3	4077.4	3980.7	3868.2
-7.5°	4310.3	4281.0	4278.8	4273.2	4266.4	4222.5	4166.3	4092.1	4011.1	3921.1	3816.5
-10°	4177.5	4156.2	4150.6	4144.9	4126.9	4101.1	4048.2	3980.7	3907.6	3817.6	3706.3
-12.5°	4030.2	4020.1	3998.7	3984.1	3966.1	3935.7	3885.1	3823.2	3750.1	3670.3	3574.6
-15°	3867.1	3848.0	3826.6	3814.2	3788.4	3752.4	3701.8	3644.4	3564.5	3485.8	3395.8
-17.5°	3670.3	3646.6	3623.0	3619.6	3601.6	3546.5	3499.3	3429.5	3359.8	3284.4	3196.7
-20°	3438.5	3405.9	3390.2	3381.2	3356.4	3315.9	3265.3	3201.2	3133.7	3061.7	2960.5



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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°	3182.1	3154.0	3127.0	3110.1	3088.7	3057.2	3008.9	2952.6	2886.3	2805.3	2711.9
-25°	2890.8	2851.4	2834.5	2815.4	2804.2	2774.9	2727.7	2675.9	2607.3	2528.6	2439.7
-27.5°	2557.8	2526.3	2517.3	2490.3	2476.8	2446.5	2407.1	2358.7	2295.7	2221.5	2148.4
-30°	2190.0	2170.9	2156.3	2129.3	2119.1	2086.5	2060.7	2020.2	1962.8	1909.9	1851.4
-32.5°	1812.1	1792.9	1788.4	1776.1	1769.3	1748.0	1718.7	1689.5	1643.3	1604.0	1556.7
-35°	1476.9	1463.4	1464.5	1463.4	1456.6	1440.9	1404.9	1397.0	1363.3	1327.3	1296.9
-37.5°	1209.2	1210.3	1209.2	1208.0	1199.0	1192.3	1166.4	1156.3	1136.1	1101.2	1083.2
-40°	1007.8	1010.1	1009.0	1006.7	996.6	993.2	976.3	962.8	955.0	930.2	911.1
-42.5°	844.7	848.1	847.0	845.9	839.1	838.0	829.0	813.2	808.7	794.1	773.9
-45°	721.0	719.9	717.6	719.9	716.5	713.1	707.5	697.4	691.8	685.0	668.1
-47.5°	623.1	624.3	622.0	622.0	617.5	614.1	611.9	605.1	600.6	595.0	584.9
-50°	542.2	546.7	545.5	544.4	541.0	538.8	538.8	532.0	525.3	523.0	516.3
-52.5°	479.2	482.5	483.7	485.9	487.0	488.2	484.8	478.0	466.8	465.7	462.3
-55°	421.8	431.9	438.7	443.2	447.7	451.0	444.3	435.3	424.1	419.6	418.4
-57.5°	382.4	392.6	400.4	407.2	412.8	418.4	411.7	402.7	392.6	386.9	385.8
-60°	346.4	355.4	363.3	372.3	380.2	389.2	385.8	379.1	373.4	368.9	364.4
-62.5°	308.2	317.2	326.2	337.4	347.6	356.6	357.7	356.6	355.4	356.6	348.7
-65°	276.7	281.2	286.8	299.2	310.4	320.6	326.2	329.6	335.2	340.8	332.9
-67.5°	243.0	248.6	255.3	264.3	273.3	280.1	288.0	296.9	305.9	314.9	309.3
-70°	212.6	217.1	222.7	227.2	232.8	237.3	244.1	254.2	264.3	273.3	271.1
-72.5°	181.1	185.6	189.0	191.2	194.6	196.8	200.2	209.2	216.0	220.5	220.5
-75°	149.6	154.1	157.5	158.6	160.8	162.0	164.2	167.6	171.0	172.1	173.2
-77.5°	114.7	119.2	122.6	124.9	127.1	129.4	130.5	132.7	133.9	133.9	135.0
-80°	85.5	88.9	91.1	94.5	95.6	97.9	100.1	101.2	102.4	102.4	103.5
-82.5°	60.7	63.0	65.2	67.5	69.7	70.9	73.1	74.2	75.4	76.5	77.6
-85°	40.5	42.7	45.0	47.2	48.4	49.5	50.6	51.7	52.9	54.0	55.1
-87.5°	23.6	24.7	25.9	28.1	29.2	31.5	32.6	31.5	32.6	32.6	32.6
-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°	43.9	43.9	43.9	43.9	42.7	40.5	39.4	37.1	34.9	32.6	30.4
85°	91.1	92.2	92.2	92.2	90.0	88.9	85.5	82.1	77.6	70.9	65.2
82.5°	151.8	153.0	153.0	151.8	149.6	146.2	141.7	136.1	127.1	118.1	110.2
80°	228.3	229.5	229.5	228.3	222.7	217.1	211.5	204.7	193.5	181.1	167.6
77.5°	319.4	321.7	321.7	318.3	310.4	303.7	294.7	283.5	266.6	248.6	230.6
75°	425.2	430.8	431.9	428.6	418.4	406.1	391.4	372.3	346.4	323.9	302.6
72.5°	547.8	553.4	557.9	553.4	538.8	521.9	500.5	478.0	452.2	421.8	385.8
70°	708.6	714.3	717.6	703.0	677.1	649.0	623.1	597.3	566.9	529.8	490.4
67.5°	911.1	905.5	898.7	869.5	836.9	803.1	767.1	728.9	689.5	650.1	604.0
65°	1105.7	1089.9	1075.3	1040.4	998.8	955.0	913.3	870.6	823.4	773.9	730.0
62.5°	1310.4	1276.7	1240.7	1197.9	1155.2	1106.8	1065.2	1014.6	961.7	901.0	844.7
60°	1511.7	1471.3	1435.3	1382.4	1326.2	1260.9	1215.9	1166.4	1104.6	1039.3	973.0
57.5°	1706.3	1662.5	1623.1	1577.0	1516.2	1445.4	1395.9	1331.8	1266.5	1184.4	1116.9
55°	1913.3	1869.4	1837.9	1786.2	1719.8	1654.6	1600.6	1533.1	1442.0	1354.3	1271.0
52.5°	2150.6	2115.8	2082.0	2029.2	1949.3	1882.9	1823.3	1748.0	1652.3	1544.4	1444.3
50°	2416.1	2398.1	2362.1	2300.2	2209.1	2150.6	2071.9	1971.8	1869.4	1755.8	1631.0
47.5°	2768.2	2738.9	2688.3	2620.8	2544.3	2456.6	2350.9	2233.9	2088.8	1962.8	1830.1
45°	3188.8	3134.8	3069.6	2978.5	2884.0	2785.0	2669.2	2520.7	2326.1	2161.9	2022.4
42.5°	3644.4	3571.3	3482.4	3363.2	3240.6	3119.1	2994.2	2791.8	2548.8	2359.9	2202.4
40°	4120.2	4026.8	3915.5	3742.2	3606.1	3449.8	3306.9	3004.4	2745.7	2540.9	2373.4
37.5°	4585.9	4467.7	4281.0	4070.7	3912.1	3783.9	3470.0	3146.1	2914.4	2689.4	2519.6
35°	4942.4	4842.3	4512.7	4294.5	4158.4	3956.0	3563.4	3231.6	2986.4	2799.7	2535.3
32.5°	5153.9	4895.2	4606.1	4385.6	4273.2	3941.3	3570.1	3256.3	3020.1	2810.9	2494.8
30°	5106.6	4793.9	4540.9	4356.4	4112.3	3814.2	3507.2	3218.1	2988.6	2735.5	2449.8
27.5°	4822.1	4580.2	4354.1	4161.8	3922.2	3654.5	3371.1	3116.9	2903.1	2657.9	2388.0
25°	4500.4	4281.0	4113.4	3945.8	3718.6	3463.3	3213.6	3030.2	2815.4	2573.6	2307.0
22.5°	4204.5	4047.1	3915.5	3740.0	3518.4	3295.7	3140.5	2950.4	2729.9	2484.7	2223.8
20°	4015.6	3908.7	3758.0	3564.5	3390.2	3250.7	3078.6	2877.3	2650.1	2393.6	2152.9
17.5°	3924.5	3800.7	3633.1	3507.2	3373.3	3220.3	3028.0	2814.3	2572.4	2352.0	2160.8
15°	3877.2	3746.7	3636.5	3512.8	3362.1	3201.2	2987.5	2765.9	2572.4	2368.9	2166.4
12.5°	3887.3	3774.9	3654.5	3519.5	3357.6	3185.5	2992.0	2786.2	2585.9	2381.2	2167.5
10°	3918.8	3800.7	3672.5	3522.9	3359.8	3190.0	3004.4	2798.5	2592.7	2386.8	2165.3
7.5°	3930.1	3801.9	3664.6	3513.9	3354.2	3187.7	3006.6	2801.9	2593.8	2385.7	2158.5
5°	3895.2	3779.4	3646.6	3494.8	3338.4	3176.5	2997.6	2797.4	2584.8	2374.5	2141.6
2.5°	3848.0	3754.6	3627.5	3481.3	3322.7	3160.7	2983.0	2777.2	2564.6	2354.2	2120.3
0°	3840.1	3724.2	3596.0	3465.5	3296.8	3125.8	2949.3	2738.9	2527.4	2316.0	2083.1
-2.5°	3788.4	3665.8	3537.5	3395.8	3247.3	3075.2	2889.6	2683.8	2474.6	2266.5	2042.7
-5°	3749.0	3612.9	3476.8	3323.8	3174.2	3002.1	2809.8	2609.6	2404.8	2202.4	1986.4
-7.5°	3696.1	3556.7	3413.8	3254.1	3092.1	2916.6	2726.5	2526.3	2325.0	2123.6	1916.7
-10°	3589.3	3466.7	3332.8	3167.5	2996.5	2821.0	2632.1	2435.2	2233.9	2030.3	1822.2
-12.5°	3459.9	3330.6	3184.3	3032.5	2879.5	2716.4	2527.4	2334.0	2131.5	1926.8	1719.8
-15°	3292.3	3165.2	3015.6	2867.1	2719.8	2563.4	2397.0	2222.6	2016.8	1815.4	1608.5
-17.5°	3083.1	2963.9	2830.0	2688.3	2542.1	2384.6	2222.6	2075.3	1882.9	1694.0	1489.2
-20°	2858.1	2746.8	2626.4	2492.6	2346.4	2192.3	2039.3	1885.2	1718.7	1552.2	1362.1



REPORT NUMBER: P722281

CATALOG NUMBER: IFLD-S-SA2D-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°	2624.2	2511.7	2390.2	2265.4	2130.4	1987.5	1845.8	1698.5	1552.2	1401.5	1240.7
-25°	2354.2	2255.2	2143.9	2022.4	1902.1	1777.2	1642.2	1508.4	1383.5	1253.0	1121.4
-27.5°	2071.9	1980.8	1879.6	1773.8	1670.3	1565.7	1448.8	1325.0	1221.5	1113.6	1004.5
-30°	1775.0	1701.8	1619.7	1527.5	1447.6	1363.3	1265.4	1163.1	1068.6	986.5	898.7
-32.5°	1493.7	1431.9	1373.4	1312.7	1233.9	1168.7	1101.2	1025.8	942.6	865.0	802.0
-35°	1251.9	1185.6	1160.8	1115.8	1059.6	1002.2	952.7	898.7	835.7	767.1	715.4
-37.5°	1048.3	1009.0	974.1	949.3	912.2	866.1	826.7	787.4	739.0	687.3	635.5
-40°	889.7	862.7	824.5	812.1	788.5	757.0	716.5	686.1	653.5	614.1	570.3
-42.5°	762.6	742.4	717.6	696.3	686.1	663.6	632.1	602.9	577.0	550.0	516.3
-45°	658.0	644.5	628.8	609.6	601.8	583.8	561.3	528.7	514.0	491.5	466.8
-47.5°	573.7	566.9	555.7	543.3	532.0	518.5	498.3	478.0	457.8	443.2	424.1
-50°	507.3	502.8	496.0	485.9	471.3	462.3	448.8	430.8	411.7	399.3	385.8
-52.5°	454.4	449.9	445.4	437.6	426.3	417.3	406.1	391.4	375.7	363.3	352.1
-55°	413.9	407.2	403.8	397.1	388.1	377.9	367.8	357.7	344.2	332.9	321.7
-57.5°	382.4	373.4	368.9	363.3	354.3	344.2	336.3	326.2	317.2	304.8	294.7
-60°	357.7	347.6	338.6	332.9	325.1	314.9	307.1	299.2	290.2	280.1	267.7
-62.5°	337.4	325.1	312.7	305.9	298.1	289.1	281.2	273.3	264.3	254.2	243.0
-65°	318.3	303.7	288.0	281.2	273.3	264.3	254.2	248.6	240.7	231.7	220.5
-67.5°	294.7	279.0	265.5	257.6	249.7	241.8	232.8	227.2	219.3	208.1	196.8
-70°	259.8	249.7	240.7	234.0	227.2	220.5	211.5	202.5	193.5	183.3	173.2
-72.5°	216.0	212.6	211.5	208.1	200.2	192.3	183.3	174.3	166.5	158.6	150.7
-75°	174.3	176.6	178.8	177.7	169.8	162.0	154.1	146.2	140.6	133.9	127.1
-77.5°	138.4	140.6	142.9	142.9	137.2	132.7	127.1	121.5	117.0	111.4	104.6
-80°	106.9	110.2	113.6	115.9	111.4	108.0	103.5	99.0	94.5	90.0	85.5
-82.5°	81.0	84.4	87.7	90.0	86.6	84.4	81.0	77.6	74.2	69.7	66.4
-85°	58.5	60.7	63.0	64.1	61.9	59.6	57.4	55.1	52.9	49.5	47.2
-87.5°	33.7	34.9	36.0	37.1	34.9	32.6	31.5	29.2	28.1	25.9	24.7
-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-S-SA2D-935-U-76

**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°	28.1	25.9	23.6	22.5	20.2	16.9	14.6	12.4	10.1	7.9	6.7
85°	59.6	54.0	47.2	43.9	39.4	34.9	30.4	25.9	21.4	16.9	12.4
82.5°	102.4	95.6	88.9	81.0	70.9	58.5	46.1	38.2	31.5	24.7	19.1
80°	154.1	141.7	130.5	120.4	109.1	93.4	76.5	60.7	42.7	32.6	24.7
77.5°	213.7	199.1	183.3	166.5	148.5	127.1	108.0	87.7	66.4	45.0	31.5
75°	281.2	262.1	240.7	217.1	193.5	165.3	138.4	114.7	90.0	63.0	38.2
72.5°	356.6	332.9	307.1	275.6	238.5	205.8	173.2	141.7	112.5	79.9	51.7
70°	453.3	416.2	377.9	344.2	296.9	245.2	207.0	171.0	133.9	97.9	65.2
67.5°	556.8	511.8	465.7	416.2	356.6	295.8	240.7	200.2	156.3	114.7	77.6
65°	669.3	613.0	554.5	499.4	417.3	345.3	283.5	228.3	177.7	130.5	90.0
62.5°	785.1	718.8	651.3	579.3	484.8	395.9	323.9	259.8	198.0	145.1	101.2
60°	908.8	831.2	749.1	659.1	548.9	451.0	362.2	292.5	219.3	159.7	113.6
57.5°	1039.3	955.0	858.2	736.8	615.3	503.9	406.1	321.7	238.5	173.2	122.6
55°	1181.1	1084.3	978.6	817.7	680.5	556.8	449.9	350.9	258.7	184.5	131.6
52.5°	1334.0	1221.5	1087.7	903.2	749.1	610.8	490.4	376.8	277.8	196.8	139.5
50°	1505.0	1363.3	1183.3	982.0	808.7	661.4	530.9	404.9	293.6	210.3	146.2
47.5°	1682.7	1529.7	1268.8	1055.1	869.5	710.9	572.5	429.7	309.3	221.6	153.0
45°	1868.3	1645.6	1357.6	1120.3	922.3	755.9	604.0	452.2	328.4	231.7	158.6
42.5°	2051.7	1733.3	1435.3	1185.6	971.8	796.4	629.9	473.5	344.2	241.8	164.2
40°	2138.3	1799.7	1497.1	1230.5	1013.5	832.4	652.4	492.7	357.7	248.6	169.8
37.5°	2174.3	1840.2	1537.6	1273.3	1046.1	851.5	671.5	509.5	368.9	255.3	174.3
35°	2182.1	1854.8	1557.9	1302.5	1073.1	869.5	686.1	521.9	377.9	262.1	178.8
32.5°	2167.5	1850.3	1563.5	1312.7	1089.9	883.0	696.3	530.9	384.7	268.8	183.3
30°	2134.9	1826.7	1543.2	1311.5	1102.3	890.8	703.0	537.7	391.4	273.3	185.6
27.5°	2082.0	1785.1	1517.4	1312.7	1109.1	894.2	706.4	541.0	395.9	276.7	190.1
25°	2016.8	1728.8	1518.5	1310.4	1110.2	895.3	706.4	541.0	397.1	277.8	193.5
22.5°	1941.4	1728.8	1518.5	1307.0	1103.4	893.1	703.0	538.8	397.1	280.1	196.8
20°	1945.9	1730.0	1515.1	1300.3	1093.3	886.4	695.1	533.2	393.7	283.5	199.1
17.5°	1949.3	1727.7	1508.4	1291.3	1079.8	875.1	685.0	525.3	393.7	286.8	200.2
15°	1949.3	1721.0	1498.2	1277.8	1062.9	859.4	670.4	518.5	394.8	288.0	202.5
12.5°	1945.9	1708.6	1482.5	1259.8	1042.7	840.2	661.4	516.3	394.8	289.1	202.5
10°	1939.2	1691.7	1462.3	1237.3	1023.6	833.5	656.9	511.8	392.6	289.1	202.5
7.5°	1926.8	1671.5	1445.4	1223.8	1012.3	825.6	650.1	505.0	389.2	286.8	204.7
5°	1907.7	1660.2	1431.9	1208.0	996.6	820.0	645.6	499.4	386.9	286.8	202.5
2.5°	1882.9	1646.7	1416.1	1187.8	978.6	800.9	631.0	487.0	379.1	282.3	200.2
0°	1842.4	1619.7	1389.1	1159.7	953.8	781.7	616.4	474.7	371.2	277.8	198.0
-2.5°	1805.3	1583.7	1354.3	1130.4	930.2	764.9	605.1	467.9	367.8	276.7	196.8
-5°	1753.6	1534.2	1308.2	1092.2	898.7	748.0	593.9	460.0	364.4	274.5	196.8
-7.5°	1696.2	1482.5	1259.8	1052.8	867.2	718.8	572.5	447.7	356.6	270.0	195.7
-10°	1607.4	1404.9	1199.0	1007.8	833.5	692.9	554.5	436.4	349.8	265.5	191.2
-12.5°	1512.9	1319.4	1129.3	952.7	795.2	665.9	534.3	424.1	341.9	261.0	189.0
-15°	1412.8	1231.7	1056.2	895.3	753.6	633.3	512.9	410.6	334.1	255.3	185.6
-17.5°	1308.2	1139.4	980.8	836.9	712.0	599.5	490.4	398.2	325.1	249.7	182.2
-20°	1197.9	1044.9	904.3	777.2	668.1	565.8	466.8	383.6	314.9	243.0	177.7



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CATALOG NUMBER: IFLD-S-SA2D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1088.8	951.6	825.6	718.8	623.1	530.9	443.2	368.9	303.7	235.1	174.3
-25°	992.1	863.9	755.9	662.5	579.3	497.2	418.4	354.3	291.3	227.2	169.8
-27.5°	897.6	788.5	687.3	609.6	536.5	464.5	394.8	338.6	279.0	218.2	165.3
-30°	809.9	716.5	633.3	557.9	496.0	435.3	374.6	322.8	265.5	209.2	159.7
-32.5°	730.0	654.6	584.9	512.9	457.8	406.1	355.4	307.1	252.0	200.2	154.1
-35°	655.8	597.3	536.5	475.8	419.6	379.1	335.2	290.2	239.6	190.1	148.5
-37.5°	589.4	542.2	493.8	442.1	393.7	353.2	316.1	273.3	227.2	181.1	142.9
-40°	532.0	493.8	451.0	409.4	368.9	330.7	296.9	256.5	214.8	174.3	137.2
-42.5°	479.2	449.9	415.1	380.2	344.2	310.4	277.8	238.5	202.5	166.5	131.6
-45°	438.7	409.4	381.3	349.8	319.4	290.2	257.6	222.7	191.2	157.5	126.0
-47.5°	400.4	374.6	348.7	322.8	298.1	271.1	238.5	209.2	178.8	149.6	121.5
-50°	366.7	341.9	319.4	296.9	275.6	249.7	219.3	195.7	168.7	141.7	115.9
-52.5°	335.2	313.8	291.3	273.3	255.3	229.5	204.7	182.2	158.6	132.7	110.2
-55°	307.1	286.8	266.6	249.7	232.8	210.3	190.1	171.0	148.5	126.0	104.6
-57.5°	280.1	263.2	244.1	228.3	211.5	193.5	176.6	158.6	138.4	119.2	99.0
-60°	255.3	239.6	222.7	207.0	192.3	177.7	162.0	147.4	129.4	111.4	93.4
-62.5°	230.6	217.1	202.5	186.7	175.5	162.0	149.6	135.0	120.4	104.6	83.2
-65°	208.1	195.7	182.2	168.7	158.6	148.5	137.2	123.7	111.4	96.7	74.2
-67.5°	185.6	174.3	163.1	151.8	142.9	135.0	123.7	113.6	103.5	87.7	65.2
-70°	164.2	155.2	145.1	136.1	129.4	120.4	112.5	103.5	94.5	76.5	55.1
-72.5°	144.0	135.0	127.1	120.4	114.7	106.9	100.1	93.4	81.0	64.1	46.1
-75°	120.4	114.7	110.2	104.6	99.0	93.4	87.7	79.9	67.5	51.7	36.0
-77.5°	99.0	95.6	92.2	87.7	83.2	78.7	72.0	64.1	54.0	40.5	29.2
-80°	81.0	77.6	75.4	70.9	67.5	63.0	56.2	49.5	39.4	31.5	23.6
-82.5°	61.9	59.6	57.4	55.1	51.7	47.2	40.5	34.9	29.2	23.6	18.0
-85°	43.9	42.7	40.5	38.2	34.9	31.5	27.0	23.6	20.2	15.7	12.4
-87.5°	22.5	21.4	20.2	19.1	18.0	15.7	13.5	11.2	10.1	7.9	5.6
-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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 CATALOG NUMBER: IFLD-S-SA2D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.5	3.4	1.1	0.0
85°	9.0	5.6	2.2	0.0
82.5°	13.5	9.0	3.4	0.0
80°	18.0	11.2	5.6	0.0
77.5°	22.5	13.5	6.7	0.0
75°	27.0	16.9	7.9	0.0
72.5°	30.4	19.1	9.0	0.0
70°	36.0	22.5	10.1	0.0
67.5°	45.0	24.7	11.2	0.0
65°	52.9	27.0	12.4	0.0
62.5°	61.9	29.2	13.5	0.0
60°	69.7	31.5	14.6	0.0
57.5°	77.6	37.1	15.7	0.0
55°	84.4	41.6	16.9	0.0
52.5°	92.2	46.1	18.0	0.0
50°	99.0	50.6	19.1	0.0
47.5°	104.6	55.1	19.1	0.0
45°	109.1	58.5	20.2	0.0
42.5°	112.5	61.9	21.4	0.0
40°	115.9	65.2	22.5	0.0
37.5°	119.2	68.6	22.5	0.0
35°	122.6	72.0	23.6	0.0
32.5°	126.0	75.4	23.6	0.0
30°	128.2	77.6	24.7	0.0
27.5°	131.6	79.9	24.7	0.0
25°	132.7	82.1	25.9	0.0
22.5°	135.0	83.2	25.9	0.0
20°	137.2	85.5	25.9	0.0
17.5°	138.4	86.6	27.0	0.0
15°	138.4	87.7	28.1	0.0
12.5°	139.5	88.9	28.1	0.0
10°	139.5	91.1	27.0	0.0
7.5°	141.7	90.0	27.0	0.0
5°	140.6	90.0	27.0	0.0
2.5°	139.5	88.9	27.0	0.0
0°	138.4	88.9	27.0	0.0
-2.5°	138.4	88.9	27.0	0.0
-5°	138.4	88.9	27.0	0.0
-7.5°	137.2	90.0	27.0	0.0
-10°	135.0	90.0	27.0	0.0
-12.5°	133.9	86.6	27.0	0.0
-15°	132.7	85.5	27.0	0.0
-17.5°	130.5	84.4	25.9	0.0
-20°	128.2	83.2	25.9	0.0



REPORT NUMBER: P722281

CATALOG NUMBER: IFLD-S-SA2D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	126.0	81.0	25.9	0.0
-25°	123.7	78.7	24.7	0.0
-27.5°	121.5	76.5	24.7	0.0
-30°	118.1	74.2	23.6	0.0
-32.5°	114.7	72.0	23.6	0.0
-35°	112.5	68.6	22.5	0.0
-37.5°	109.1	65.2	22.5	0.0
-40°	105.7	61.9	21.4	0.0
-42.5°	102.4	58.5	20.2	0.0
-45°	97.9	55.1	20.2	0.0
-47.5°	94.5	51.7	19.1	0.0
-50°	88.9	47.2	18.0	0.0
-52.5°	82.1	42.7	16.9	0.0
-55°	75.4	39.4	15.7	0.0
-57.5°	68.6	34.9	15.7	0.0
-60°	61.9	30.4	14.6	0.0
-62.5°	55.1	28.1	13.5	0.0
-65°	48.4	25.9	12.4	0.0
-67.5°	40.5	22.5	11.2	0.0
-70°	33.7	20.2	10.1	0.0
-72.5°	29.2	18.0	9.0	0.0
-75°	24.7	15.7	7.9	0.0
-77.5°	21.4	13.5	6.7	0.0
-80°	16.9	10.1	4.5	0.0
-82.5°	12.4	7.9	3.4	0.0
-85°	7.9	5.6	2.2	0.0
-87.5°	4.5	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)