

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: P722284

Luminaire Tested: **IFLD-S-SA3B-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722284  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-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**

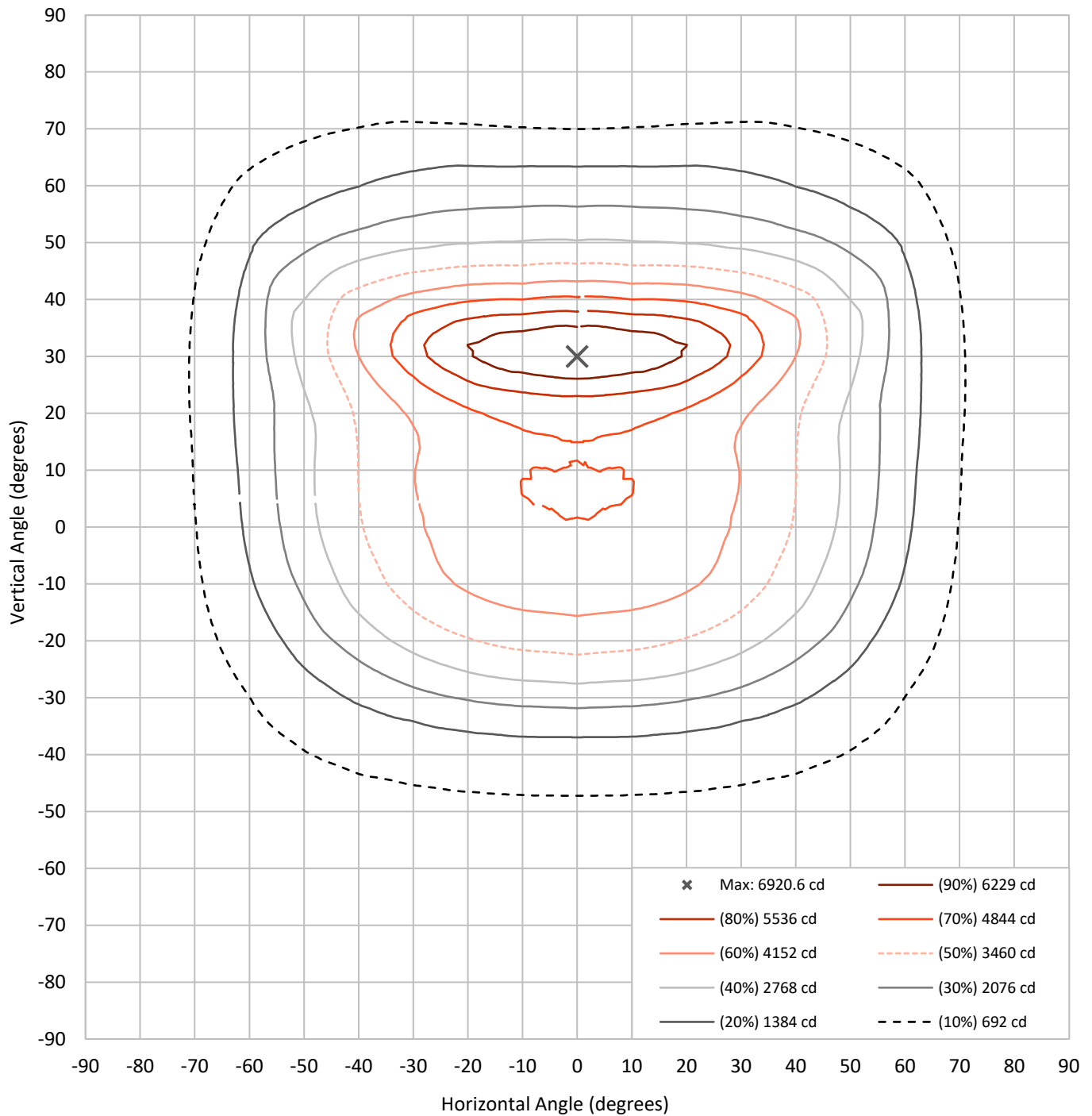
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11552.2 lumens	Max Intensity:	6920.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6717.7 lumens	Field Lumens:	10825.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4  
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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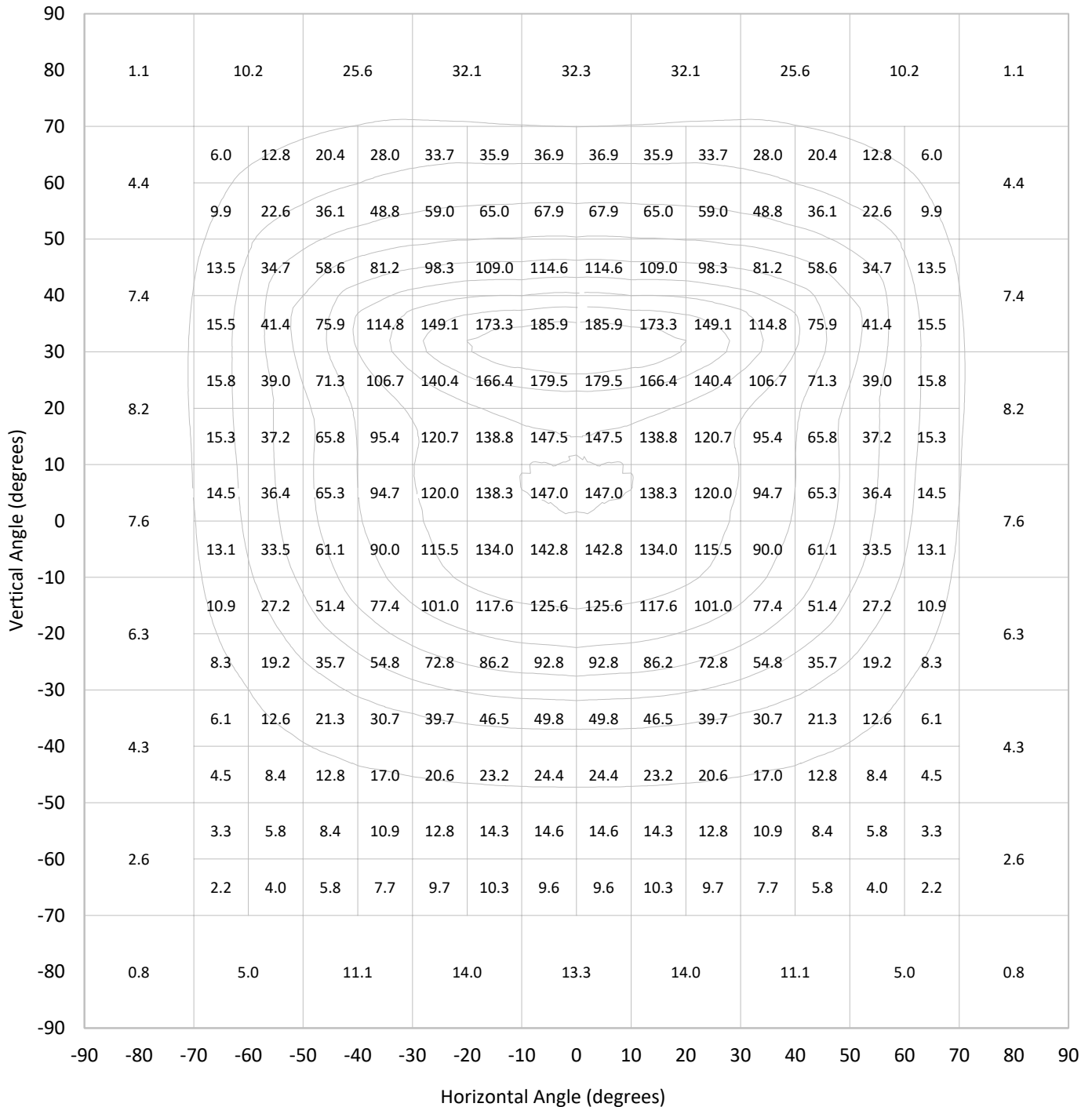
### Iso-Candela Plot





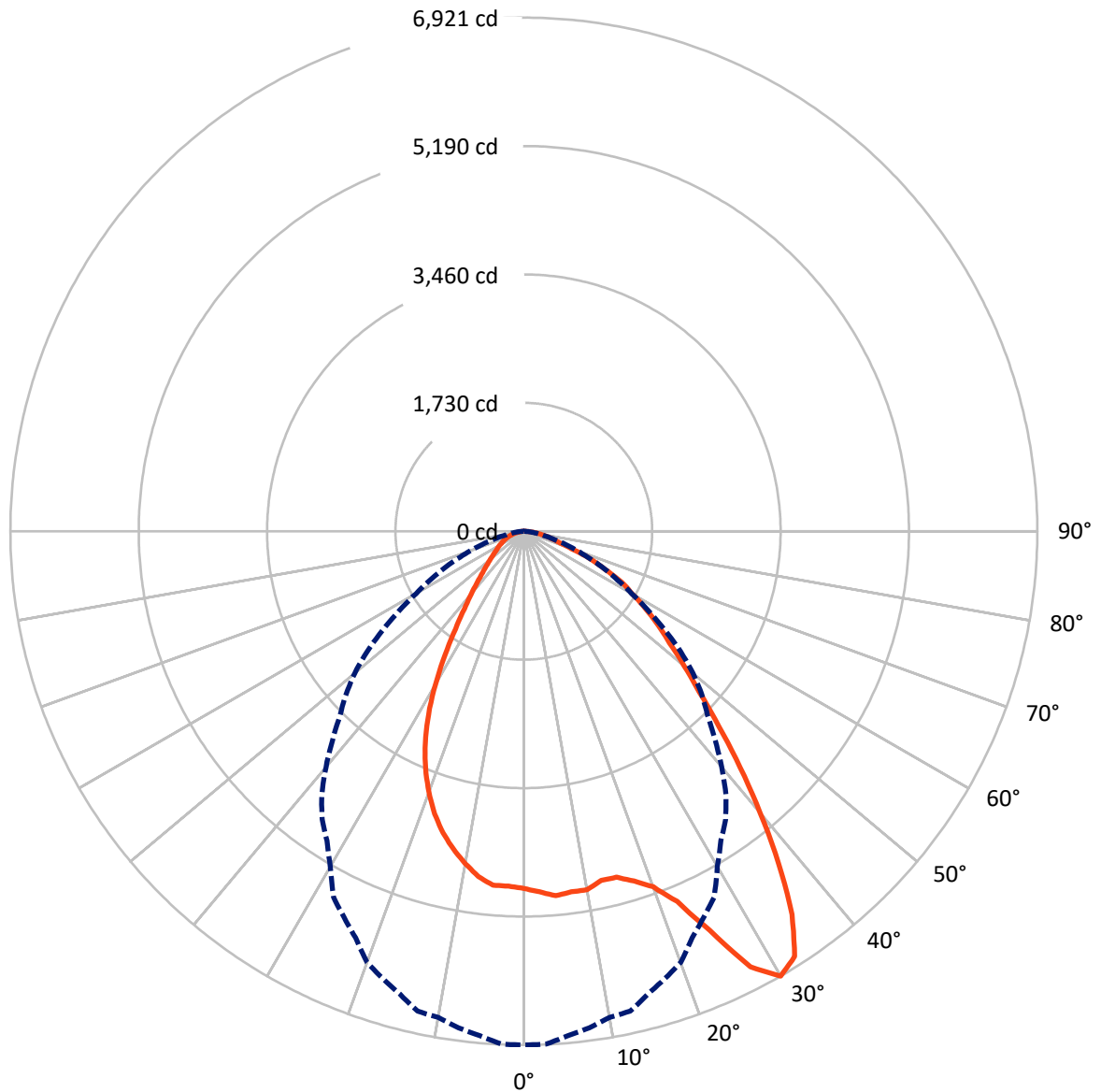
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### Lumen Table



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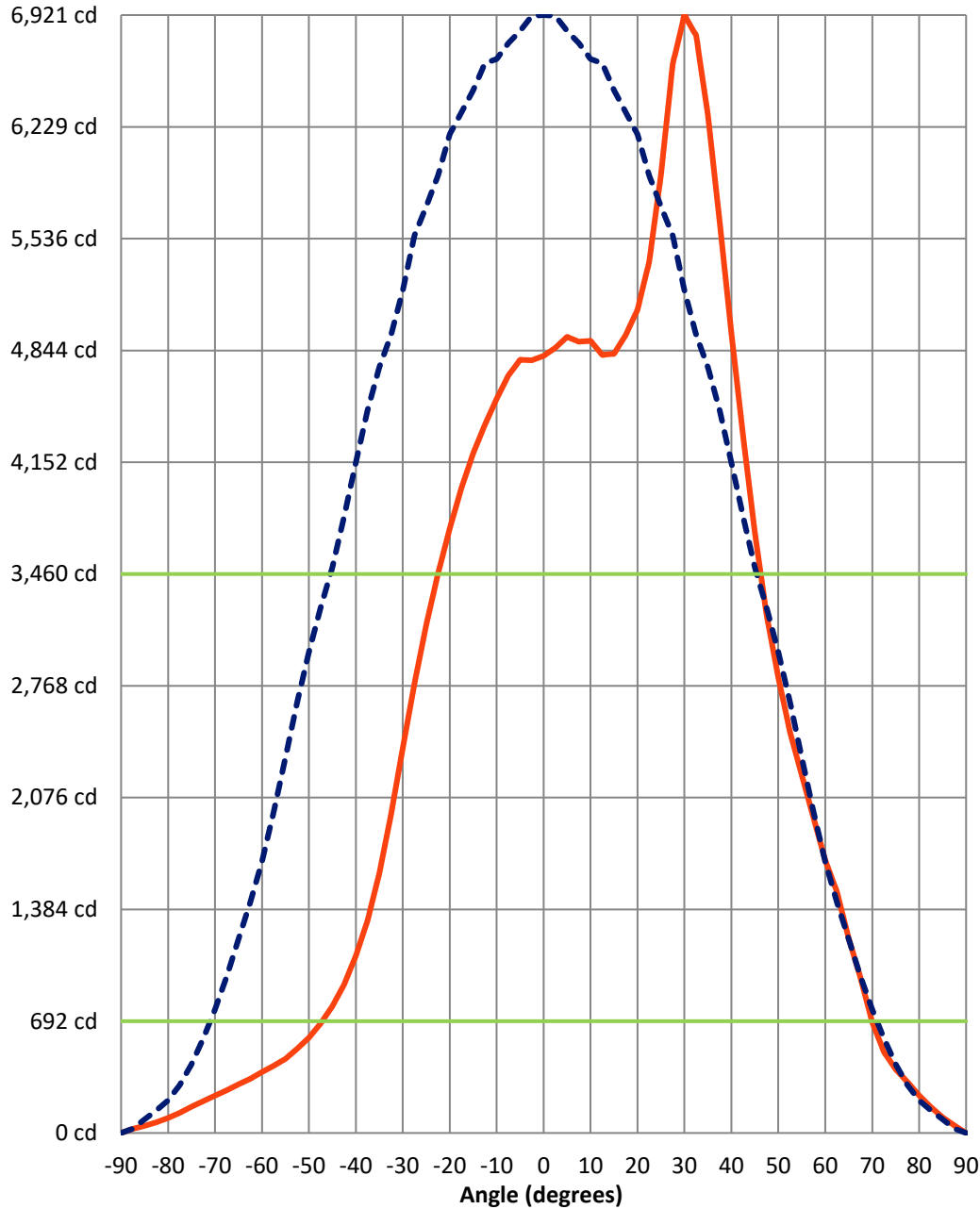
### Luminous Intensity Polar Plot



— 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: 6717.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 10825.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 726.3  
 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°	46.5	47.7	49.0	49.0	47.7	47.7	47.7	46.5	47.7	47.7	47.7
85°	96.7	99.1	101.6	100.4	99.1	96.7	94.2	95.5	96.7	97.9	97.9
82.5°	160.3	164.0	166.4	165.2	162.8	160.3	157.9	159.1	161.5	162.8	162.8
80°	232.5	233.7	235.0	237.4	233.7	233.7	232.5	237.4	239.9	242.3	244.8
77.5°	315.7	317.0	317.0	318.2	319.4	320.6	320.6	329.2	335.3	339.0	342.7
75°	394.1	397.7	401.4	405.1	410.0	412.4	416.1	428.3	438.1	445.5	452.8
72.5°	501.8	506.7	512.8	521.3	529.9	536.0	544.6	559.3	570.3	577.6	586.2
70°	686.6	691.4	697.6	703.7	712.3	718.4	726.9	745.3	756.3	761.2	766.1
67.5°	960.7	972.9	983.9	971.7	965.6	957.0	959.5	976.6	987.6	994.9	993.7
65°	1204.2	1212.8	1212.8	1211.6	1206.7	1195.7	1201.8	1222.6	1234.8	1240.9	1222.6
62.5°	1490.6	1490.6	1484.5	1494.3	1495.5	1488.1	1484.5	1485.7	1486.9	1490.6	1460.0
60°	1688.8	1701.1	1704.8	1713.3	1715.8	1715.8	1721.9	1726.8	1726.8	1719.4	1683.9
57.5°	1950.7	1974.0	1978.9	1972.8	1960.5	1944.6	1942.2	1934.8	1920.1	1905.5	1888.3
55°	2215.1	2227.3	2226.1	2222.4	2210.2	2191.8	2194.3	2184.5	2161.2	2142.9	2119.6
52.5°	2480.6	2510.0	2514.9	2507.6	2490.4	2470.8	2472.1	2461.1	2437.8	2418.2	2386.4
50°	2819.6	2844.1	2841.7	2829.4	2804.9	2790.3	2791.5	2770.7	2743.8	2737.6	2696.0
47.5°	3207.6	3235.7	3230.8	3213.7	3180.7	3174.5	3180.7	3153.7	3137.8	3124.4	3075.4
45°	3716.7	3749.7	3731.4	3698.3	3645.7	3651.8	3660.4	3655.5	3621.2	3585.7	3523.3
42.5°	4313.9	4334.7	4312.7	4279.6	4213.5	4225.8	4220.9	4191.5	4170.7	4112.0	4032.4
40°	4952.7	4998.0	4963.7	4912.3	4843.8	4862.2	4848.7	4810.8	4761.8	4688.4	4588.0
37.5°	5641.7	5677.2	5638.0	5578.1	5516.9	5510.8	5483.8	5425.1	5355.3	5274.6	5114.3
35°	6301.3	6393.1	6320.9	6225.5	6150.8	6122.7	6097.0	5961.1	5881.6	5750.6	5531.6
32.5°	6792.1	6859.4	6770.1	6670.9	6580.4	6541.2	6450.6	6289.1	6246.3	5970.9	5770.2
30°	6920.6	6915.7	6822.7	6746.8	6648.9	6622.0	6455.5	6318.5	6181.4	5926.9	5735.9
27.5°	6614.6	6584.0	6494.7	6428.6	6331.9	6300.1	6136.1	6062.7	5851.0	5635.6	5474.1
25°	5933.0	5948.9	5881.6	5848.5	5784.9	5716.4	5651.5	5552.4	5420.2	5231.7	5083.7
22.5°	5395.7	5416.5	5388.4	5349.2	5300.3	5262.3	5213.4	5136.3	5009.0	4892.7	4753.2
20°	5097.1	5091.0	5066.5	5037.2	4990.6	4963.7	4909.9	4845.0	4747.1	4646.8	4496.2
17.5°	4940.5	4902.5	4879.3	4868.3	4843.8	4809.5	4745.9	4679.8	4603.9	4490.1	4380.0
15°	4824.2	4830.3	4812.0	4803.4	4783.8	4736.1	4671.2	4617.4	4514.6	4457.1	4356.7
12.5°	4816.9	4810.8	4812.0	4808.3	4783.8	4722.6	4689.6	4621.1	4555.0	4479.1	4364.1
10°	4903.8	4838.9	4843.8	4860.9	4821.8	4772.8	4737.3	4662.7	4600.3	4503.6	4389.8
7.5°	4898.9	4865.8	4875.6	4847.5	4859.7	4799.7	4750.8	4676.1	4597.8	4495.0	4392.2
5°	4928.2	4878.1	4869.5	4871.9	4841.3	4796.1	4730.0	4659.0	4585.6	4470.5	4365.3
2.5°	4860.9	4868.3	4829.1	4814.4	4810.8	4734.9	4673.7	4605.2	4529.3	4427.7	4333.5
0°	4810.8	4824.2	4783.8	4763.0	4761.8	4696.9	4657.8	4579.5	4525.6	4441.2	4327.4
-2.5°	4783.8	4799.7	4804.6	4766.7	4730.0	4679.8	4613.7	4529.3	4441.2	4343.3	4245.4
-5°	4786.3	4754.5	4741.0	4753.2	4721.4	4671.2	4597.8	4523.2	4436.3	4331.0	4208.6
-7.5°	4689.6	4657.8	4655.3	4649.2	4641.9	4594.1	4532.9	4452.2	4364.1	4266.2	4152.3
-10°	4545.2	4521.9	4515.8	4509.7	4490.1	4462.0	4404.5	4331.0	4251.5	4153.6	4032.4
-12.5°	4384.9	4373.9	4350.6	4334.7	4315.1	4282.1	4227.0	4159.7	4080.1	3993.3	3889.2
-15°	4207.4	4186.6	4163.4	4149.9	4121.8	4082.6	4027.5	3965.1	3878.2	3792.6	3694.6
-17.5°	3993.3	3967.6	3941.9	3938.2	3918.6	3858.6	3807.2	3731.4	3655.5	3573.5	3478.0
-20°	3741.2	3705.7	3688.5	3678.7	3651.8	3607.8	3552.7	3482.9	3409.5	3331.2	3221.0



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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°	3462.1	3431.5	3402.2	3383.8	3360.6	3326.3	3273.7	3212.5	3140.3	3052.2	2950.6
-25°	3145.2	3102.3	3084.0	3063.2	3050.9	3019.1	2967.7	2911.4	2836.8	2751.1	2654.4
-27.5°	2782.9	2748.7	2738.9	2709.5	2694.8	2661.8	2618.9	2566.3	2497.8	2417.0	2337.5
-30°	2382.7	2361.9	2346.0	2316.7	2305.6	2270.1	2242.0	2197.9	2135.5	2078.0	2014.4
-32.5°	1971.5	1950.7	1945.8	1932.4	1925.0	1901.8	1870.0	1838.1	1788.0	1745.1	1693.7
-35°	1606.8	1592.2	1593.4	1592.2	1584.8	1567.7	1528.5	1520.0	1483.2	1444.1	1411.0
-37.5°	1315.6	1316.8	1315.6	1314.4	1304.6	1297.2	1269.1	1258.1	1236.0	1198.1	1178.5
-40°	1096.5	1099.0	1097.7	1095.3	1084.3	1080.6	1062.3	1047.6	1039.0	1012.1	991.3
-42.5°	919.1	922.7	921.5	920.3	913.0	911.7	901.9	884.8	879.9	864.0	842.0
-45°	784.5	783.2	780.8	783.2	779.6	775.9	769.8	758.8	752.6	745.3	726.9
-47.5°	678.0	679.2	676.8	676.8	671.9	668.2	665.7	658.4	653.5	647.4	636.4
-50°	589.9	594.8	593.5	592.3	588.6	586.2	586.2	578.9	571.5	569.1	561.7
-52.5°	521.3	525.0	526.2	528.7	529.9	531.1	527.5	520.1	507.9	506.7	503.0
-55°	458.9	469.9	477.3	482.2	487.1	490.7	483.4	473.6	461.4	456.5	455.3
-57.5°	416.1	427.1	435.7	443.0	449.1	455.3	447.9	438.1	427.1	421.0	419.8
-60°	376.9	386.7	395.3	405.1	413.6	423.4	419.8	412.4	406.3	401.4	396.5
-62.5°	335.3	345.1	354.9	367.1	378.2	387.9	389.2	387.9	386.7	387.9	379.4
-65°	301.1	305.9	312.1	325.5	337.8	348.8	354.9	358.6	364.7	370.8	362.2
-67.5°	264.3	270.5	277.8	287.6	297.4	304.7	313.3	323.1	332.9	342.7	336.5
-70°	231.3	236.2	242.3	247.2	253.3	258.2	265.6	276.6	287.6	297.4	294.9
-72.5°	197.0	201.9	205.6	208.0	211.7	214.2	217.8	227.6	235.0	239.9	239.9
-75°	162.8	167.7	171.3	172.6	175.0	176.2	178.7	182.3	186.0	187.2	188.5
-77.5°	124.8	129.7	133.4	135.8	138.3	140.7	142.0	144.4	145.6	145.6	146.9
-80°	93.0	96.7	99.1	102.8	104.0	106.5	108.9	110.1	111.4	111.4	112.6
-82.5°	66.1	68.5	71.0	73.4	75.9	77.1	79.5	80.8	82.0	83.2	84.4
-85°	44.1	46.5	49.0	51.4	52.6	53.8	55.1	56.3	57.5	58.7	60.0
-87.5°	25.7	26.9	28.1	30.6	31.8	34.3	35.5	34.3	35.5	35.5	35.5
-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):**

	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°	47.7	47.7	47.7	47.7	46.5	44.1	42.8	40.4	37.9	35.5	33.0
85°	99.1	100.4	100.4	100.4	97.9	96.7	93.0	89.3	84.4	77.1	71.0
82.5°	165.2	166.4	166.4	165.2	162.8	159.1	154.2	148.1	138.3	128.5	119.9
80°	248.4	249.7	249.7	248.4	242.3	236.2	230.1	222.7	210.5	197.0	182.3
77.5°	347.6	350.0	350.0	346.3	337.8	330.4	320.6	308.4	290.0	270.5	250.9
75°	462.6	468.7	469.9	466.3	455.3	441.8	425.9	405.1	376.9	352.5	329.2
72.5°	596.0	602.1	607.0	602.1	586.2	567.8	544.6	520.1	492.0	458.9	419.8
70°	771.0	777.1	780.8	764.9	736.7	706.1	678.0	649.8	616.8	576.4	533.6
67.5°	991.3	985.2	977.8	946.0	910.5	873.8	834.6	793.0	750.2	707.4	657.2
65°	1203.0	1185.9	1170.0	1132.0	1086.7	1039.0	993.7	947.2	895.8	842.0	794.2
62.5°	1425.7	1389.0	1349.8	1303.3	1256.8	1204.2	1158.9	1103.9	1046.3	980.3	919.1
60°	1644.8	1600.7	1561.6	1504.0	1442.9	1371.9	1322.9	1269.1	1201.8	1130.8	1058.6
57.5°	1856.5	1808.8	1765.9	1715.8	1649.7	1572.6	1518.7	1449.0	1378.0	1288.7	1215.2
55°	2081.7	2034.0	1999.7	1943.4	1871.2	1800.2	1741.5	1668.0	1568.9	1473.5	1382.9
52.5°	2339.9	2302.0	2265.3	2207.7	2120.8	2048.6	1983.8	1901.8	1797.8	1680.3	1571.4
50°	2628.7	2609.1	2570.0	2502.7	2403.5	2339.9	2254.2	2145.3	2034.0	1910.3	1774.5
47.5°	3011.8	2979.9	2924.9	2851.5	2768.2	2672.8	2557.7	2430.5	2272.6	2135.5	1991.1
45°	3469.5	3410.7	3339.7	3240.6	3137.8	3030.1	2904.1	2742.5	2530.8	2352.1	2200.4
42.5°	3965.1	3885.6	3788.9	3659.2	3525.8	3393.6	3257.8	3037.5	2773.1	2567.5	2396.2
40°	4482.8	4381.2	4260.0	4071.6	3923.5	3753.4	3598.0	3268.8	2987.3	2764.6	2582.2
37.5°	4989.4	4860.9	4657.8	4428.9	4256.4	4116.9	3775.4	3423.0	3170.9	2926.1	2741.3
35°	5377.4	5268.5	4909.9	4672.5	4524.4	4304.1	3877.0	3516.0	3249.2	3046.0	2758.4
32.5°	5607.4	5326.0	5011.5	4771.6	4649.2	4288.2	3884.3	3542.9	3285.9	3058.3	2714.4
30°	5556.0	5215.8	4940.5	4739.8	4474.2	4149.9	3815.8	3501.3	3251.6	2976.3	2665.4
27.5°	5246.4	4983.3	4737.3	4528.1	4267.4	3976.1	3667.7	3391.1	3158.6	2891.8	2598.1
25°	4896.4	4657.8	4475.4	4293.1	4045.9	3768.1	3496.4	3296.9	3063.2	2800.1	2510.0
22.5°	4574.6	4403.2	4260.0	4069.1	3828.0	3585.7	3416.8	3210.0	2970.2	2703.4	2419.4
20°	4369.0	4252.7	4088.7	3878.2	3688.5	3536.8	3349.5	3130.5	2883.3	2604.2	2342.4
17.5°	4269.8	4135.2	3952.9	3815.8	3670.2	3503.7	3294.5	3061.9	2798.8	2559.0	2350.9
15°	4218.4	4076.5	3956.5	3821.9	3657.9	3482.9	3250.4	3009.3	2798.8	2577.3	2357.0
12.5°	4229.4	4107.1	3976.1	3829.3	3653.0	3465.8	3255.3	3031.3	2813.5	2590.8	2358.3
10°	4263.7	4135.2	3995.7	3832.9	3655.5	3470.7	3268.8	3044.8	2820.9	2596.9	2355.8
7.5°	4276.0	4136.4	3987.1	3823.1	3649.4	3468.2	3271.2	3048.5	2822.1	2595.7	2348.5
5°	4238.0	4112.0	3967.6	3802.3	3632.2	3456.0	3261.4	3043.6	2812.3	2583.4	2330.1
2.5°	4186.6	4085.0	3946.7	3787.7	3615.1	3438.9	3245.5	3021.6	2790.3	2561.4	2306.9
0°	4178.0	4052.0	3912.5	3770.5	3587.0	3400.9	3208.8	2979.9	2749.9	2519.8	2266.5
-2.5°	4121.8	3988.4	3848.8	3694.6	3533.1	3345.9	3143.9	2920.0	2692.4	2466.0	2222.4
-5°	4078.9	3930.8	3782.8	3616.3	3453.6	3266.3	3057.0	2839.2	2616.5	2396.2	2161.2
-7.5°	4021.4	3869.7	3714.2	3540.4	3364.2	3173.3	2966.5	2748.7	2529.6	2310.5	2085.4
-10°	3905.1	3771.7	3626.1	3446.2	3260.2	3069.3	2863.7	2649.5	2430.5	2209.0	1982.6
-12.5°	3764.4	3623.7	3464.6	3299.4	3132.9	2955.5	2749.9	2539.4	2319.1	2096.4	1871.2
-15°	3582.1	3443.8	3281.0	3119.5	2959.1	2789.0	2607.9	2418.2	2194.3	1975.2	1750.0
-17.5°	3354.4	3224.7	3079.1	2924.9	2765.8	2594.5	2418.2	2257.9	2048.6	1843.0	1620.3
-20°	3109.7	2988.5	2857.6	2711.9	2552.8	2385.2	2218.7	2051.1	1870.0	1688.8	1482.0



REPORT NUMBER: P722284  
 CATALOG NUMBER: IFLD-S-SA3B-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°	2855.1	2732.7	2600.6	2464.7	2317.9	2162.5	2008.3	1847.9	1688.8	1524.9	1349.8
-25°	2561.4	2453.7	2332.6	2200.4	2069.4	1933.6	1786.7	1641.1	1505.3	1363.3	1220.1
-27.5°	2254.2	2155.1	2045.0	1929.9	1817.3	1703.5	1576.3	1441.6	1329.0	1211.6	1092.9
-30°	1931.2	1851.6	1762.3	1661.9	1575.0	1483.2	1376.8	1265.4	1162.6	1073.3	977.8
-32.5°	1625.2	1557.9	1494.3	1428.2	1342.5	1271.5	1198.1	1116.1	1025.5	941.1	872.6
-35°	1362.1	1289.9	1263.0	1214.0	1152.8	1090.4	1036.6	977.8	909.3	834.6	778.3
-37.5°	1140.6	1097.7	1059.8	1032.9	992.5	942.3	899.5	856.7	804.0	747.7	691.4
-40°	968.0	938.7	897.0	883.6	857.9	823.6	779.6	746.5	711.0	668.2	620.5
-42.5°	829.7	807.7	780.8	757.5	746.5	722.0	687.8	656.0	627.8	598.4	561.7
-45°	715.9	701.2	684.1	663.3	654.7	635.2	610.7	575.2	559.3	534.8	507.9
-47.5°	624.1	616.8	604.6	591.1	578.9	564.2	542.1	520.1	498.1	482.2	461.4
-50°	551.9	547.0	539.7	528.7	512.8	503.0	488.3	468.7	447.9	434.4	419.8
-52.5°	494.4	489.5	484.6	476.1	463.8	454.0	441.8	425.9	408.7	395.3	383.0
-55°	450.4	443.0	439.3	432.0	422.2	411.2	400.2	389.2	374.5	362.2	350.0
-57.5°	416.1	406.3	401.4	395.3	385.5	374.5	365.9	354.9	345.1	331.6	320.6
-60°	389.2	378.2	368.4	362.2	353.7	342.7	334.1	325.5	315.7	304.7	291.3
-62.5°	367.1	353.7	340.2	332.9	324.3	314.5	305.9	297.4	287.6	276.6	264.3
-65°	346.3	330.4	313.3	305.9	297.4	287.6	276.6	270.5	261.9	252.1	239.9
-67.5°	320.6	303.5	288.8	280.2	271.7	263.1	253.3	247.2	238.6	226.4	214.2
-70°	282.7	271.7	261.9	254.6	247.2	239.9	230.1	220.3	210.5	199.5	188.5
-72.5°	235.0	231.3	230.1	226.4	217.8	209.3	199.5	189.7	181.1	172.6	164.0
-75°	189.7	192.1	194.6	193.4	184.8	176.2	167.7	159.1	153.0	145.6	138.3
-77.5°	150.5	153.0	155.4	155.4	149.3	144.4	138.3	132.2	127.3	121.2	113.8
-80°	116.3	119.9	123.6	126.1	121.2	117.5	112.6	107.7	102.8	97.9	93.0
-82.5°	88.1	91.8	95.5	97.9	94.2	91.8	88.1	84.4	80.8	75.9	72.2
-85°	63.6	66.1	68.5	69.8	67.3	64.9	62.4	60.0	57.5	53.8	51.4
-87.5°	36.7	37.9	39.2	40.4	37.9	35.5	34.3	31.8	30.6	28.1	26.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722284  
 CATALOG NUMBER: IFLD-S-SA3B-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°	30.6	28.1	25.7	24.5	22.0	18.4	15.9	13.5	11.0	8.6	7.3
85°	64.9	58.7	51.4	47.7	42.8	37.9	33.0	28.1	23.3	18.4	13.5
82.5°	111.4	104.0	96.7	88.1	77.1	63.6	50.2	41.6	34.3	26.9	20.8
80°	167.7	154.2	142.0	130.9	118.7	101.6	83.2	66.1	46.5	35.5	26.9
77.5°	232.5	216.6	199.5	181.1	161.5	138.3	117.5	95.5	72.2	49.0	34.3
75°	305.9	285.1	261.9	236.2	210.5	179.9	150.5	124.8	97.9	68.5	41.6
72.5°	387.9	362.2	334.1	299.8	259.4	224.0	188.5	154.2	122.4	86.9	56.3
70°	493.2	452.8	411.2	374.5	323.1	266.8	225.2	186.0	145.6	106.5	71.0
67.5°	605.8	556.8	506.7	452.8	387.9	321.9	261.9	217.8	170.1	124.8	84.4
65°	728.2	667.0	603.3	543.4	454.0	375.7	308.4	248.4	193.4	142.0	97.9
62.5°	854.2	782.0	708.6	630.3	527.5	430.8	352.5	282.7	215.4	157.9	110.1
60°	988.8	904.4	815.0	717.1	597.2	490.7	394.1	318.2	238.6	173.8	123.6
57.5°	1130.8	1039.0	933.8	801.6	669.4	548.3	441.8	350.0	259.4	188.5	133.4
55°	1285.0	1179.7	1064.7	889.7	740.4	605.8	489.5	381.8	281.5	200.7	143.2
52.5°	1451.4	1329.0	1183.4	982.7	815.0	664.5	533.6	410.0	302.3	214.2	151.8
50°	1637.4	1483.2	1287.4	1068.4	879.9	719.6	577.6	440.6	319.4	228.9	159.1
47.5°	1830.8	1664.4	1380.4	1147.9	946.0	773.4	622.9	467.5	336.5	241.1	166.4
45°	2032.7	1790.4	1477.1	1218.9	1003.5	822.4	657.2	492.0	357.3	252.1	172.6
42.5°	2232.2	1885.9	1561.6	1289.9	1057.4	866.4	685.3	515.2	374.5	263.1	178.7
40°	2326.4	1958.1	1628.9	1338.8	1102.6	905.6	709.8	536.0	389.2	270.5	184.8
37.5°	2365.6	2002.1	1672.9	1385.3	1138.1	926.4	730.6	554.4	401.4	277.8	189.7
35°	2374.2	2018.0	1695.0	1417.2	1167.5	946.0	746.5	567.8	411.2	285.1	194.6
32.5°	2358.3	2013.1	1701.1	1428.2	1185.9	960.7	757.5	577.6	418.5	292.5	199.5
30°	2322.8	1987.4	1679.1	1426.9	1199.3	969.2	764.9	585.0	425.9	297.4	201.9
27.5°	2265.3	1942.2	1650.9	1428.2	1206.7	972.9	768.5	588.6	430.8	301.1	206.8
25°	2194.3	1881.0	1652.1	1425.7	1207.9	974.1	768.5	588.6	432.0	302.3	210.5
22.5°	2112.3	1881.0	1652.1	1422.1	1200.5	971.7	764.9	586.2	432.0	304.7	214.2
20°	2117.2	1882.2	1648.5	1414.7	1189.5	964.4	756.3	580.1	428.3	308.4	216.6
17.5°	2120.8	1879.8	1641.1	1404.9	1174.8	952.1	745.3	571.5	428.3	312.1	217.8
15°	2120.8	1872.4	1630.1	1390.2	1156.5	935.0	729.4	564.2	429.6	313.3	220.3
12.5°	2117.2	1858.9	1613.0	1370.7	1134.5	914.2	719.6	561.7	429.6	314.5	220.3
10°	2109.8	1840.6	1590.9	1346.2	1113.7	906.8	714.7	556.8	427.1	314.5	220.3
7.5°	2096.4	1818.6	1572.6	1331.5	1101.4	898.3	707.4	549.5	423.4	312.1	222.7
5°	2075.6	1806.3	1557.9	1314.4	1084.3	892.1	702.5	543.4	421.0	312.1	220.3
2.5°	2048.6	1791.6	1540.8	1292.3	1064.7	871.3	686.6	529.9	412.4	307.2	217.8
0°	2004.6	1762.3	1511.4	1261.7	1037.8	850.5	670.6	516.4	403.9	302.3	215.4
-2.5°	1964.2	1723.1	1473.5	1229.9	1012.1	832.2	658.4	509.1	400.2	301.1	214.2
-5°	1907.9	1669.3	1423.3	1188.3	977.8	813.8	646.2	500.5	396.5	298.6	214.2
-7.5°	1845.5	1613.0	1370.7	1145.5	943.5	782.0	622.9	487.1	387.9	293.7	212.9
-10°	1748.8	1528.5	1304.6	1096.5	906.8	753.9	603.3	474.8	380.6	288.8	208.0
-12.5°	1646.0	1435.5	1228.7	1036.6	865.2	724.5	581.3	461.4	372.0	283.9	205.6
-15°	1537.1	1340.1	1149.1	974.1	819.9	689.0	558.1	446.7	363.5	277.8	201.9
-17.5°	1423.3	1239.7	1067.2	910.5	774.7	652.3	533.6	433.2	353.7	271.7	198.3
-20°	1303.3	1136.9	983.9	845.6	726.9	615.6	507.9	417.3	342.7	264.3	193.4



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CATALOG NUMBER: IFLD-S-SA3B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1184.6	1035.3	898.3	782.0	678.0	577.6	482.2	401.4	330.4	255.8	189.7
-25°	1079.4	939.9	822.4	720.8	630.3	540.9	455.3	385.5	317.0	247.2	184.8
-27.5°	976.6	857.9	747.7	663.3	583.8	505.4	429.6	368.4	303.5	237.4	179.9
-30°	881.1	779.6	689.0	607.0	539.7	473.6	407.5	351.2	288.8	227.6	173.8
-32.5°	794.2	712.3	636.4	558.1	498.1	441.8	386.7	334.1	274.1	217.8	167.7
-35°	713.5	649.8	583.8	517.7	456.5	412.4	364.7	315.7	260.7	206.8	161.5
-37.5°	641.3	589.9	537.2	481.0	428.3	384.3	343.9	297.4	247.2	197.0	155.4
-40°	578.9	537.2	490.7	445.5	401.4	359.8	323.1	279.0	233.7	189.7	149.3
-42.5°	521.3	489.5	451.6	413.6	374.5	337.8	302.3	259.4	220.3	181.1	143.2
-45°	477.3	445.5	414.9	380.6	347.6	315.7	280.2	242.3	208.0	171.3	137.1
-47.5°	435.7	407.5	379.4	351.2	324.3	294.9	259.4	227.6	194.6	162.8	132.2
-50°	399.0	372.0	347.6	323.1	299.8	271.7	238.6	212.9	183.6	154.2	126.1
-52.5°	364.7	341.4	317.0	297.4	277.8	249.7	222.7	198.3	172.6	144.4	119.9
-55°	334.1	312.1	290.0	271.7	253.3	228.9	206.8	186.0	161.5	137.1	113.8
-57.5°	304.7	286.4	265.6	248.4	230.1	210.5	192.1	172.6	150.5	129.7	107.7
-60°	277.8	260.7	242.3	225.2	209.3	193.4	176.2	160.3	140.7	121.2	101.6
-62.5°	250.9	236.2	220.3	203.2	190.9	176.2	162.8	146.9	130.9	113.8	90.6
-65°	226.4	212.9	198.3	183.6	172.6	161.5	149.3	134.6	121.2	105.2	80.8
-67.5°	201.9	189.7	177.5	165.2	155.4	146.9	134.6	123.6	112.6	95.5	71.0
-70°	178.7	168.9	157.9	148.1	140.7	130.9	122.4	112.6	102.8	83.2	60.0
-72.5°	156.6	146.9	138.3	130.9	124.8	116.3	108.9	101.6	88.1	69.8	50.2
-75°	130.9	124.8	119.9	113.8	107.7	101.6	95.5	86.9	73.4	56.3	39.2
-77.5°	107.7	104.0	100.4	95.5	90.6	85.7	78.3	69.8	58.7	44.1	31.8
-80°	88.1	84.4	82.0	77.1	73.4	68.5	61.2	53.8	42.8	34.3	25.7
-82.5°	67.3	64.9	62.4	60.0	56.3	51.4	44.1	37.9	31.8	25.7	19.6
-85°	47.7	46.5	44.1	41.6	37.9	34.3	29.4	25.7	22.0	17.1	13.5
-87.5°	24.5	23.3	22.0	20.8	19.6	17.1	14.7	12.2	11.0	8.6	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722284

CATALOG NUMBER: IFLD-S-SA3B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.9	3.7	1.2	0.0
85°	9.8	6.1	2.4	0.0
82.5°	14.7	9.8	3.7	0.0
80°	19.6	12.2	6.1	0.0
77.5°	24.5	14.7	7.3	0.0
75°	29.4	18.4	8.6	0.0
72.5°	33.0	20.8	9.8	0.0
70°	39.2	24.5	11.0	0.0
67.5°	49.0	26.9	12.2	0.0
65°	57.5	29.4	13.5	0.0
62.5°	67.3	31.8	14.7	0.0
60°	75.9	34.3	15.9	0.0
57.5°	84.4	40.4	17.1	0.0
55°	91.8	45.3	18.4	0.0
52.5°	100.4	50.2	19.6	0.0
50°	107.7	55.1	20.8	0.0
47.5°	113.8	60.0	20.8	0.0
45°	118.7	63.6	22.0	0.0
42.5°	122.4	67.3	23.3	0.0
40°	126.1	71.0	24.5	0.0
37.5°	129.7	74.7	24.5	0.0
35°	133.4	78.3	25.7	0.0
32.5°	137.1	82.0	25.7	0.0
30°	139.5	84.4	26.9	0.0
27.5°	143.2	86.9	26.9	0.0
25°	144.4	89.3	28.1	0.0
22.5°	146.9	90.6	28.1	0.0
20°	149.3	93.0	28.1	0.0
17.5°	150.5	94.2	29.4	0.0
15°	150.5	95.5	30.6	0.0
12.5°	151.8	96.7	30.6	0.0
10°	151.8	99.1	29.4	0.0
7.5°	154.2	97.9	29.4	0.0
5°	153.0	97.9	29.4	0.0
2.5°	151.8	96.7	29.4	0.0
0°	150.5	96.7	29.4	0.0
-2.5°	150.5	96.7	29.4	0.0
-5°	150.5	96.7	29.4	0.0
-7.5°	149.3	97.9	29.4	0.0
-10°	146.9	97.9	29.4	0.0
-12.5°	145.6	94.2	29.4	0.0
-15°	144.4	93.0	29.4	0.0
-17.5°	142.0	91.8	28.1	0.0
-20°	139.5	90.6	28.1	0.0



REPORT NUMBER: P722284

CATALOG NUMBER: IFLD-S-SA3B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	137.1	88.1	28.1	0.0
-25°	134.6	85.7	26.9	0.0
-27.5°	132.2	83.2	26.9	0.0
-30°	128.5	80.8	25.7	0.0
-32.5°	124.8	78.3	25.7	0.0
-35°	122.4	74.7	24.5	0.0
-37.5°	118.7	71.0	24.5	0.0
-40°	115.0	67.3	23.3	0.0
-42.5°	111.4	63.6	22.0	0.0
-45°	106.5	60.0	22.0	0.0
-47.5°	102.8	56.3	20.8	0.0
-50°	96.7	51.4	19.6	0.0
-52.5°	89.3	46.5	18.4	0.0
-55°	82.0	42.8	17.1	0.0
-57.5°	74.7	37.9	17.1	0.0
-60°	67.3	33.0	15.9	0.0
-62.5°	60.0	30.6	14.7	0.0
-65°	52.6	28.1	13.5	0.0
-67.5°	44.1	24.5	12.2	0.0
-70°	36.7	22.0	11.0	0.0
-72.5°	31.8	19.6	9.8	0.0
-75°	26.9	17.1	8.6	0.0
-77.5°	23.3	14.7	7.3	0.0
-80°	18.4	11.0	4.9	0.0
-82.5°	13.5	8.6	3.7	0.0
-85°	8.6	6.1	2.4	0.0
-87.5°	4.9	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)