

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: P722291

Luminaire Tested: **IFLD-S-SA6D-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722291  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

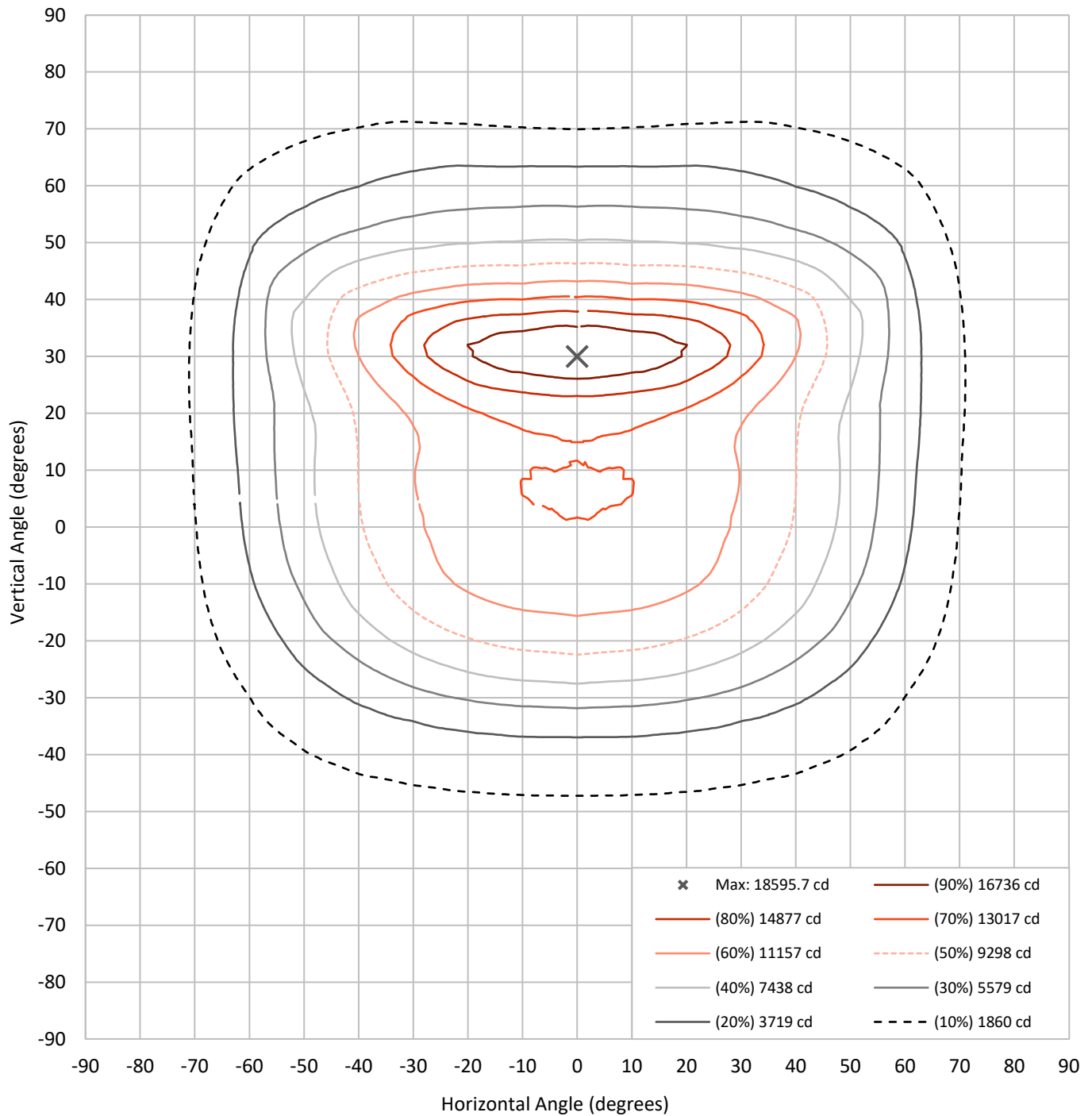
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31040.9 lumens	Max Intensity:	18595.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18050.6 lumens	Field Lumens:	29089.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2  
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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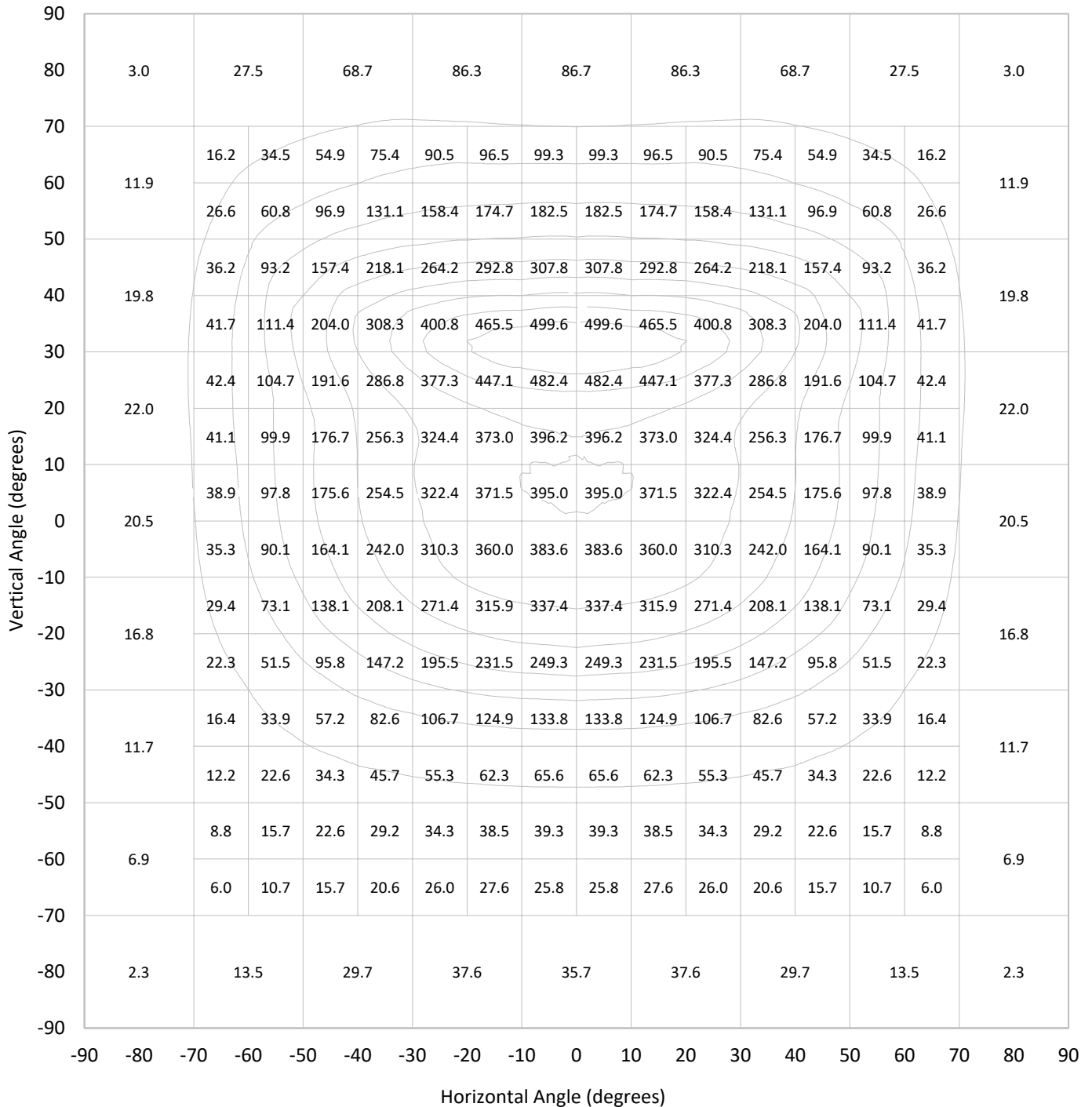
### Iso-Candela Plot





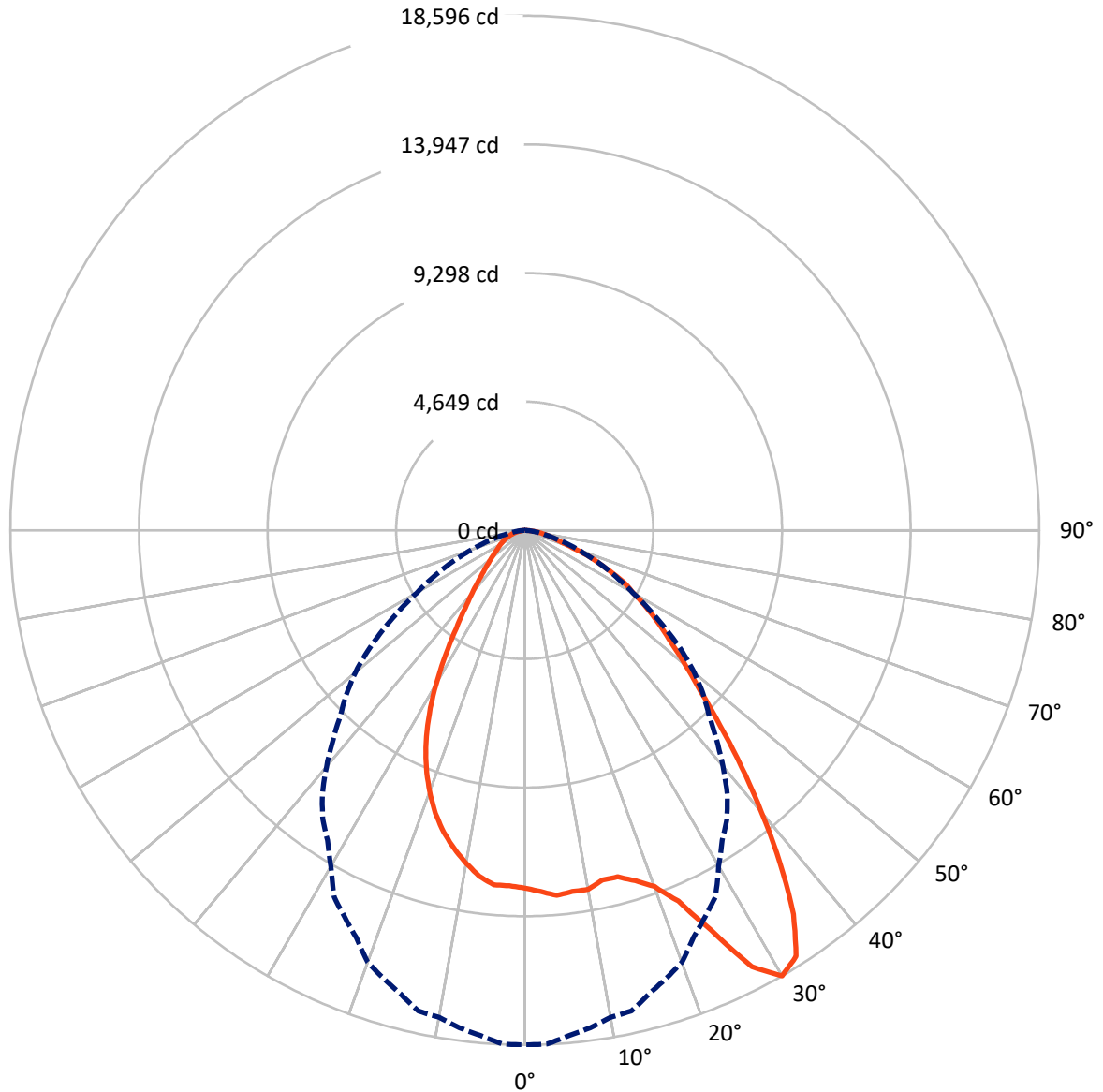
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### Lumen Table



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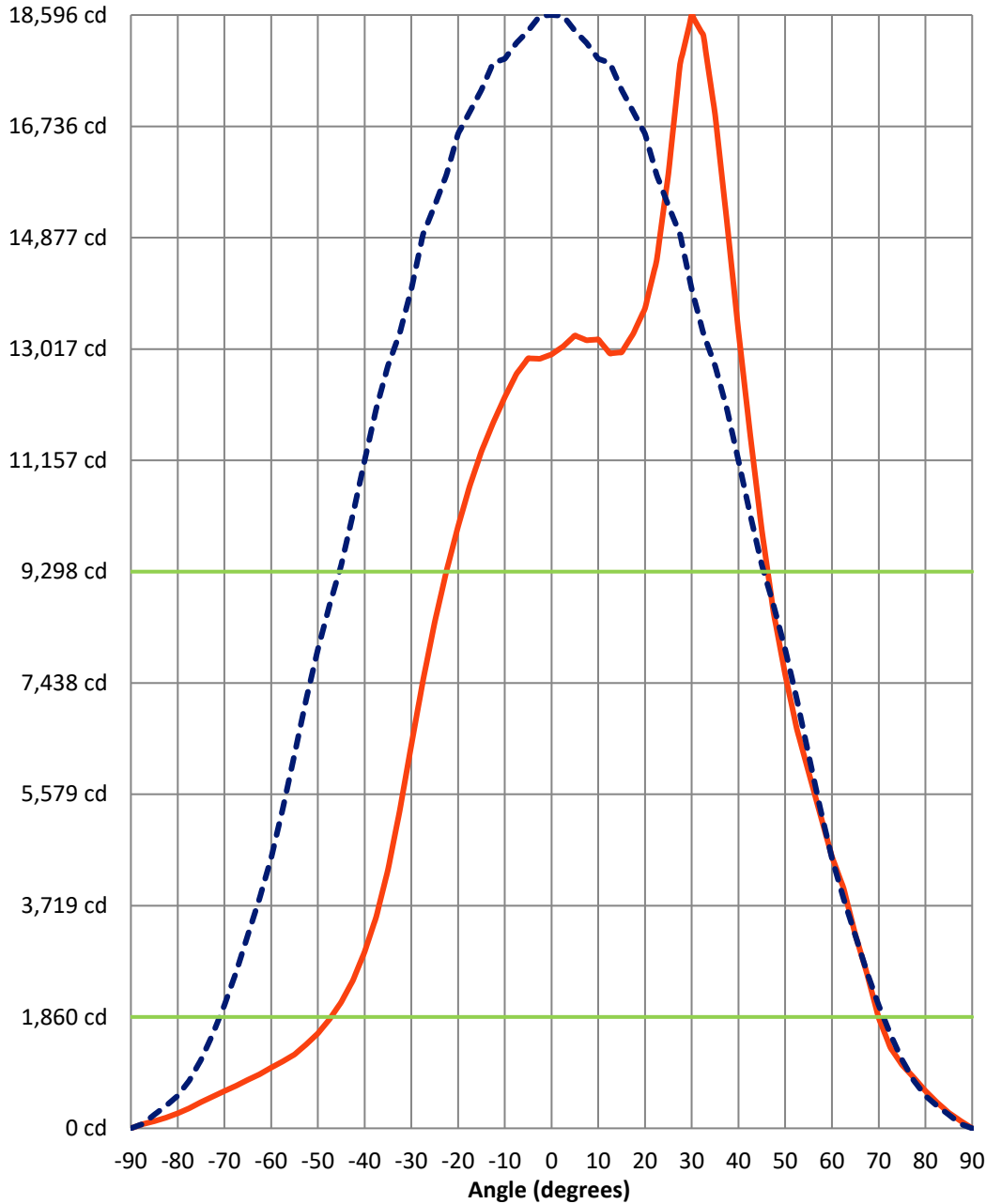
### Luminous Intensity Polar Plot



— 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: 18050.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 29089.3  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1951.6  
 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°	125.0	128.2	131.5	131.5	128.2	128.2	128.2	125.0	128.2	128.2	128.2
85°	259.8	266.4	272.9	269.6	266.4	259.8	253.2	256.5	259.8	263.1	263.1
82.5°	430.8	440.6	447.2	443.9	437.4	430.8	424.2	427.5	434.1	437.4	437.4
80°	624.8	628.1	631.4	637.9	628.1	628.1	624.8	637.9	644.5	651.1	657.7
77.5°	848.4	851.7	851.7	855.0	858.3	861.6	861.6	884.6	901.0	910.9	920.7
75°	1058.9	1068.7	1078.6	1088.4	1101.6	1108.2	1118.0	1150.9	1177.2	1197.0	1216.7
72.5°	1348.2	1361.4	1377.8	1400.8	1423.9	1440.3	1463.3	1502.8	1532.4	1552.1	1575.1
70°	1844.8	1857.9	1874.4	1890.8	1913.8	1930.3	1953.3	2002.6	2032.2	2045.4	2058.5
67.5°	2581.4	2614.2	2643.8	2611.0	2594.5	2571.5	2578.1	2624.1	2653.7	2673.4	2670.1
65°	3235.7	3258.8	3258.8	3255.5	3242.3	3212.7	3229.2	3285.1	3318.0	3334.4	3285.1
62.5°	4005.2	4005.2	3988.8	4015.1	4018.4	3998.6	3988.8	3992.1	3995.4	4005.2	3923.0
60°	4537.9	4570.8	4580.7	4603.7	4610.3	4610.3	4626.7	4639.9	4639.9	4620.1	4524.8
57.5°	5241.6	5304.1	5317.3	5300.8	5268.0	5225.2	5218.6	5198.9	5159.4	5120.0	5073.9
55°	5951.9	5984.8	5981.5	5971.7	5938.8	5889.5	5896.0	5869.7	5807.2	5757.9	5695.4
52.5°	6665.5	6744.4	6757.6	6737.9	6691.8	6639.2	6642.5	6612.9	6550.4	6497.8	6412.3
50°	7576.4	7642.2	7635.6	7602.7	7536.9	7497.5	7500.8	7444.9	7372.5	7356.1	7244.3
47.5°	8618.8	8694.4	8681.3	8635.2	8546.5	8530.0	8546.5	8474.1	8431.4	8395.2	8263.7
45°	9986.8	10075.5	10026.2	9937.4	9796.0	9812.5	9835.5	9822.3	9730.3	9634.9	9467.2
42.5°	11591.5	11647.4	11588.2	11499.4	11321.8	11354.7	11341.6	11262.6	11206.7	11048.9	10835.2
40°	13308.0	13429.7	13337.6	13199.5	13015.3	13064.7	13028.5	12926.5	12795.0	12597.7	12328.1
37.5°	15159.3	15254.7	15149.5	14988.4	14823.9	14807.5	14735.1	14577.3	14389.9	14172.8	13742.1
35°	16931.8	17178.4	16984.4	16727.9	16527.3	16451.7	16382.6	16017.6	15803.9	15452.0	14863.4
32.5°	18250.4	18431.3	18191.2	17924.9	17681.5	17576.3	17333.0	16898.9	16783.8	16043.9	15504.6
30°	18595.7	18582.5	18332.6	18128.7	17865.7	17793.3	17346.1	16977.8	16609.5	15925.5	15412.6
27.5°	17773.6	17691.4	17451.3	17273.8	17014.0	16928.5	16487.8	16290.5	15721.7	15142.9	14708.8
25°	15942.0	15984.7	15803.9	15715.1	15544.1	15359.9	15185.7	14919.3	14564.2	14057.7	13659.9
22.5°	14498.4	14554.3	14478.7	14373.4	14241.9	14140.0	14008.4	13801.3	13459.3	13146.9	12772.0
20°	13696.0	13679.6	13613.8	13534.9	13409.9	13337.6	13192.9	13018.6	12755.6	12485.9	12081.4
17.5°	13275.1	13173.2	13110.7	13081.1	13015.3	12923.3	12752.3	12574.7	12370.8	12065.0	11769.0
15°	12962.7	12979.2	12929.8	12906.8	12854.2	12726.0	12551.7	12407.0	12130.8	11976.2	11706.6
12.5°	12943.0	12926.5	12929.8	12920.0	12854.2	12689.8	12601.0	12416.9	12239.3	12035.4	11726.3
10°	13176.5	13002.2	13015.3	13061.4	12956.1	12824.6	12729.2	12528.7	12361.0	12101.2	11795.4
7.5°	13163.3	13074.5	13100.8	13025.2	13058.1	12897.0	12765.4	12564.8	12354.4	12078.2	11801.9
5°	13242.2	13107.4	13084.4	13091.0	13008.8	12887.1	12709.5	12518.8	12321.5	12012.4	11729.6
2.5°	13061.4	13081.1	12975.9	12936.4	12926.5	12722.7	12558.3	12374.1	12170.2	11897.3	11644.1
0°	12926.5	12962.7	12854.2	12798.3	12795.0	12620.7	12515.5	12305.0	12160.4	11933.5	11627.6
-2.5°	12854.2	12897.0	12910.1	12808.2	12709.5	12574.7	12397.1	12170.2	11933.5	11670.4	11407.3
-5°	12860.8	12775.3	12739.1	12772.0	12686.5	12551.7	12354.4	12153.8	11920.3	11637.5	11308.7
-7.5°	12601.0	12515.5	12508.9	12492.5	12472.8	12344.5	12180.1	11963.1	11726.3	11463.2	11157.4
-10°	12213.0	12150.5	12134.1	12117.6	12065.0	11989.4	11834.8	11637.5	11423.8	11160.7	10835.2
-12.5°	11782.2	11752.6	11690.1	11647.4	11594.8	11506.0	11358.0	11177.1	10963.4	10729.9	10450.4
-15°	11305.4	11249.5	11187.0	11150.8	11075.2	10970.0	10822.0	10654.3	10420.8	10190.6	9927.6
-17.5°	10729.9	10660.9	10591.8	10581.9	10529.3	10368.2	10230.1	10026.2	9822.3	9602.0	9345.5
-20°	10052.5	9957.2	9911.1	9884.8	9812.5	9694.1	9546.1	9358.7	9161.4	8950.9	8655.0



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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°	9302.8	9220.6	9141.6	9092.3	9029.8	8937.8	8796.4	8631.9	8437.9	8201.2	7928.2
-25°	8451.1	8336.0	8286.7	8230.8	8197.9	8112.4	7974.3	7823.0	7622.4	7392.2	7132.5
-27.5°	7477.7	7385.7	7359.4	7280.4	7241.0	7152.2	7037.1	6895.7	6711.5	6494.5	6280.8
-30°	6402.4	6346.5	6303.8	6224.9	6195.3	6099.9	6024.3	5905.9	5738.2	5583.6	5412.6
-32.5°	5297.6	5241.6	5228.5	5192.3	5172.6	5110.1	5024.6	4939.1	4804.3	4689.2	4551.1
-35°	4317.6	4278.2	4281.4	4278.2	4258.4	4212.4	4107.2	4084.1	3985.5	3880.3	3791.5
-37.5°	3535.0	3538.3	3535.0	3531.7	3505.4	3485.7	3410.0	3380.4	3321.2	3219.3	3166.7
-40°	2946.4	2952.9	2949.7	2943.1	2913.5	2903.6	2854.3	2814.8	2791.8	2719.5	2663.6
-42.5°	2469.6	2479.4	2476.1	2472.8	2453.1	2449.8	2423.5	2377.5	2364.3	2321.6	2262.4
-45°	2107.8	2104.6	2098.0	2104.6	2094.7	2084.8	2068.4	2038.8	2022.3	2002.6	1953.3
-47.5°	1821.8	1825.0	1818.5	1818.5	1805.3	1795.4	1788.9	1769.1	1756.0	1739.5	1709.9
-50°	1585.0	1598.1	1594.9	1591.6	1581.7	1575.1	1575.1	1555.4	1535.7	1529.1	1509.4
-52.5°	1400.8	1410.7	1414.0	1420.6	1423.9	1427.1	1417.3	1397.6	1364.7	1361.4	1351.5
-55°	1233.1	1262.7	1282.5	1295.6	1308.8	1318.6	1298.9	1272.6	1239.7	1226.6	1223.3
-57.5°	1118.0	1147.6	1170.7	1190.4	1206.8	1223.3	1203.5	1177.2	1147.6	1131.2	1127.9
-60°	1012.8	1039.1	1062.1	1088.4	1111.5	1137.8	1127.9	1108.2	1091.7	1078.6	1065.4
-62.5°	901.0	927.3	953.6	986.5	1016.1	1042.4	1045.7	1042.4	1039.1	1042.4	1019.4
-65°	808.9	822.1	838.5	874.7	907.6	937.2	953.6	963.5	979.9	996.4	973.4
-67.5°	710.3	726.7	746.5	772.8	799.1	818.8	841.8	868.1	894.4	920.7	904.3
-70°	621.5	634.7	651.1	664.2	680.7	693.8	713.6	743.2	772.8	799.1	792.5
-72.5°	529.4	542.6	552.4	559.0	568.9	575.5	585.3	611.6	631.4	644.5	644.5
-75°	437.4	450.5	460.4	463.7	470.2	473.5	480.1	490.0	499.8	503.1	506.4
-77.5°	335.4	348.6	358.4	365.0	371.6	378.2	381.4	388.0	391.3	391.3	394.6
-80°	249.9	259.8	266.4	276.2	279.5	286.1	292.7	296.0	299.2	299.2	302.5
-82.5°	177.6	184.1	190.7	197.3	203.9	207.2	213.7	217.0	220.3	223.6	226.9
-85°	118.4	125.0	131.5	138.1	141.4	144.7	148.0	151.3	154.6	157.8	161.1
-87.5°	69.1	72.3	75.6	82.2	85.5	92.1	95.4	92.1	95.4	95.4	95.4
-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):**

	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°	128.2	128.2	128.2	128.2	125.0	118.4	115.1	108.5	101.9	95.4	88.8
85°	266.4	269.6	269.6	269.6	263.1	259.8	249.9	240.1	226.9	207.2	190.7
82.5°	443.9	447.2	447.2	443.9	437.4	427.5	414.3	397.9	371.6	345.3	322.3
80°	667.5	670.8	670.8	667.5	651.1	634.7	618.2	598.5	565.6	529.4	490.0
77.5°	933.9	940.5	940.5	930.6	907.6	887.9	861.6	828.7	779.3	726.7	674.1
75°	1243.0	1259.4	1262.7	1252.9	1223.3	1187.1	1144.3	1088.4	1012.8	947.0	884.6
72.5°	1601.4	1617.9	1631.0	1617.9	1575.1	1525.8	1463.3	1397.6	1321.9	1233.1	1127.9
70°	2071.7	2088.1	2098.0	2055.2	1979.6	1897.4	1821.8	1746.1	1657.3	1548.8	1433.7
67.5°	2663.6	2647.1	2627.4	2541.9	2446.5	2347.9	2242.7	2130.9	2015.8	1900.7	1765.9
65°	3232.5	3186.4	3143.7	3041.7	2920.1	2791.8	2670.1	2545.2	2407.1	2262.4	2134.1
62.5°	3830.9	3732.3	3627.1	3502.1	3377.1	3235.7	3114.1	2966.1	2811.5	2634.0	2469.6
60°	4419.6	4301.2	4195.9	4041.4	3877.0	3686.3	3554.7	3410.0	3229.2	3038.4	2844.4
57.5°	4988.4	4860.2	4745.1	4610.3	4432.7	4225.5	4080.9	3893.4	3702.7	3462.6	3265.3
55°	5593.5	5465.3	5373.2	5221.9	5027.9	4837.2	4679.3	4482.0	4215.7	3959.2	3715.8
52.5°	6287.3	6185.4	6086.8	5932.2	5698.7	5504.7	5330.4	5110.1	4830.6	4514.9	4222.3
50°	7063.4	7010.8	6905.6	6724.7	6458.3	6287.3	6057.2	5764.5	5465.3	5133.1	4768.1
47.5°	8092.7	8007.2	7859.2	7661.9	7438.3	7181.8	6872.7	6530.7	6106.5	5738.2	5350.2
45°	9322.5	9164.7	8973.9	8707.6	8431.4	8142.0	7803.3	7369.2	6800.3	6320.2	5912.5
42.5°	10654.3	10440.5	10180.8	9832.2	9473.8	9118.6	8753.6	8161.7	7451.4	6899.0	6438.6
40°	12045.3	11772.3	11446.8	10940.4	10542.5	10085.4	9667.8	8783.2	8026.9	7428.4	6938.4
37.5°	13406.6	13061.4	12515.5	11900.6	11436.9	11062.0	10144.6	9197.5	8520.1	7862.5	7365.9
35°	14449.1	14156.4	13192.9	12555.0	12157.1	11565.2	10417.5	9447.5	8730.6	8184.7	7412.0
32.5°	15067.3	14310.9	13465.8	12821.3	12492.5	11522.4	10437.3	9519.8	8829.3	8217.6	7293.6
30°	14929.2	14015.0	13275.1	12735.8	12022.2	11150.8	10253.1	9408.0	8737.2	7997.3	7162.1
27.5°	14097.2	13390.2	12729.2	12166.9	11466.5	10683.9	9855.2	9112.0	8487.3	7770.4	6981.2
25°	13156.7	12515.5	12025.5	11535.6	10871.3	10124.9	9394.8	8858.8	8230.8	7523.8	6744.4
22.5°	12291.9	11831.5	11446.8	10933.8	10286.0	9634.9	9181.1	8625.4	7980.9	7264.0	6501.1
20°	11739.5	11427.1	10986.4	10420.8	9911.1	9503.4	9000.2	8411.6	7747.4	6997.6	6293.9
17.5°	11473.1	11111.4	10621.4	10253.1	9861.8	9414.6	8852.3	8227.5	7520.5	6876.0	6316.9
15°	11335.0	10953.5	10631.3	10269.6	9828.9	9358.7	8733.9	8086.1	7520.5	6925.3	6333.4
12.5°	11364.6	11035.7	10683.9	10289.3	9815.8	9312.6	8747.0	8145.3	7559.9	6961.5	6336.7
10°	11456.7	11111.4	10736.5	10299.1	9822.3	9325.8	8783.2	8181.4	7579.7	6977.9	6330.1
7.5°	11489.5	11114.7	10713.5	10272.8	9805.9	9319.2	8789.8	8191.3	7583.0	6974.6	6310.4
5°	11387.6	11048.9	10660.9	10216.9	9759.9	9286.3	8763.5	8178.2	7556.7	6941.7	6261.0
2.5°	11249.5	10976.6	10605.0	10177.5	9713.8	9240.3	8720.7	8119.0	7497.5	6882.5	6198.6
0°	11226.5	10887.8	10512.9	10131.4	9638.2	9138.4	8622.1	8007.2	7388.9	6770.7	6090.0
-2.5°	11075.2	10716.8	10341.9	9927.6	9493.5	8990.4	8447.8	7846.0	7234.4	6626.0	5971.7
-5°	10960.1	10562.2	10164.3	9717.1	9279.8	8776.6	8214.3	7629.0	7030.5	6438.6	5807.2
-7.5°	10805.6	10397.8	9980.2	9513.2	9039.7	8526.7	7971.0	7385.7	6797.0	6208.4	5603.4
-10°	10493.2	10134.7	9743.4	9260.0	8760.2	8247.2	7694.8	7119.3	6530.7	5935.5	5327.1
-12.5°	10115.0	9736.8	9309.4	8865.4	8418.2	7941.4	7388.9	6823.4	6231.4	5633.0	5027.9
-15°	9625.0	9253.4	8816.1	8382.0	7951.3	7494.2	7007.5	6497.8	5896.0	5307.4	4702.4
-17.5°	9013.4	8664.8	8273.5	7859.2	7431.7	6971.3	6497.8	6067.0	5504.7	4952.3	4353.8
-20°	8355.7	8030.2	7678.3	7287.0	6859.5	6409.0	5961.8	5511.3	5024.6	4537.9	3982.2



REPORT NUMBER: P722291  
 CATALOG NUMBER: IFLD-S-SA6D-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°	7671.7	7342.9	6987.8	6622.8	6228.2	5810.5	5396.2	4965.4	4537.9	4097.3	3627.1
-25°	6882.5	6593.2	6267.6	5912.5	5560.6	5195.6	4801.0	4409.7	4044.7	3663.2	3278.5
-27.5°	6057.2	5790.8	5494.9	5185.7	4883.2	4577.4	4235.4	3873.7	3571.2	3255.5	2936.5
-30°	5189.0	4975.3	4735.2	4465.6	4232.1	3985.5	3699.4	3400.2	3123.9	2883.9	2627.4
-32.5°	4366.9	4186.1	4015.1	3837.5	3607.3	3416.6	3219.3	2999.0	2755.6	2528.7	2344.6
-35°	3659.9	3465.9	3393.6	3262.1	3097.6	2929.9	2785.2	2627.4	2443.3	2242.7	2091.4
-37.5°	3064.8	2949.7	2847.7	2775.4	2666.9	2532.0	2416.9	2301.9	2160.5	2009.2	1857.9
-40°	2601.1	2522.2	2410.4	2374.2	2305.1	2213.1	2094.7	2005.9	1910.5	1795.4	1667.2
-42.5°	2229.5	2170.3	2098.0	2035.5	2005.9	1940.1	1848.1	1762.6	1686.9	1608.0	1509.4
-45°	1923.7	1884.2	1838.2	1782.3	1759.3	1706.7	1640.9	1545.5	1502.8	1437.0	1364.7
-47.5°	1677.1	1657.3	1624.5	1588.3	1555.4	1515.9	1456.7	1397.6	1338.4	1295.6	1239.7
-50°	1483.1	1469.9	1450.2	1420.6	1377.8	1351.5	1312.1	1259.4	1203.5	1167.4	1127.9
-52.5°	1328.5	1315.3	1302.2	1279.2	1246.3	1220.0	1187.1	1144.3	1098.3	1062.1	1029.3
-55°	1210.1	1190.4	1180.5	1160.8	1134.5	1104.9	1075.3	1045.7	1006.2	973.4	940.5
-57.5°	1118.0	1091.7	1078.6	1062.1	1035.8	1006.2	983.2	953.6	927.3	891.1	861.6
-60°	1045.7	1016.1	989.8	973.4	950.3	920.7	897.7	874.7	848.4	818.8	782.6
-62.5°	986.5	950.3	914.2	894.4	871.4	845.1	822.1	799.1	772.8	743.2	710.3
-65°	930.6	887.9	841.8	822.1	799.1	772.8	743.2	726.7	703.7	677.4	644.5
-67.5°	861.6	815.5	776.1	753.0	730.0	707.0	680.7	664.2	641.2	608.3	575.5
-70°	759.6	730.0	703.7	684.0	664.2	644.5	618.2	591.9	565.6	536.0	506.4
-72.5°	631.4	621.5	618.2	608.3	585.3	562.3	536.0	509.7	486.7	463.7	440.6
-75°	509.7	516.3	522.8	519.6	496.5	473.5	450.5	427.5	411.0	391.3	371.6
-77.5°	404.5	411.0	417.6	417.6	401.2	388.0	371.6	355.1	342.0	325.5	305.8
-80°	312.4	322.3	332.1	338.7	325.5	315.7	302.5	289.4	276.2	263.1	249.9
-82.5°	236.8	246.6	256.5	263.1	253.2	246.6	236.8	226.9	217.0	203.9	194.0
-85°	171.0	177.6	184.1	187.4	180.9	174.3	167.7	161.1	154.6	144.7	138.1
-87.5°	98.7	101.9	105.2	108.5	101.9	95.4	92.1	85.5	82.2	75.6	72.3
-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: P722291  
 CATALOG NUMBER: IFLD-S-SA6D-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°	82.2	75.6	69.1	65.8	59.2	49.3	42.7	36.2	29.6	23.0	19.7
85°	174.3	157.8	138.1	128.2	115.1	101.9	88.8	75.6	62.5	49.3	36.2
82.5°	299.2	279.5	259.8	236.8	207.2	171.0	134.8	111.8	92.1	72.3	55.9
80°	450.5	414.3	381.4	351.9	319.0	272.9	223.6	177.6	125.0	95.4	72.3
77.5°	624.8	582.0	536.0	486.7	434.1	371.6	315.7	256.5	194.0	131.5	92.1
75°	822.1	766.2	703.7	634.7	565.6	483.4	404.5	335.4	263.1	184.1	111.8
72.5°	1042.4	973.4	897.7	805.6	697.1	601.8	506.4	414.3	328.8	233.5	151.3
70°	1325.2	1216.7	1104.9	1006.2	868.1	716.9	605.1	499.8	391.3	286.1	190.7
67.5°	1627.7	1496.2	1361.4	1216.7	1042.4	864.8	703.7	585.3	457.1	335.4	226.9
65°	1956.6	1792.2	1621.2	1460.0	1220.0	1009.5	828.7	667.5	519.6	381.4	263.1
62.5°	2295.3	2101.3	1904.0	1693.5	1417.3	1157.5	947.0	759.6	578.8	424.2	296.0
60°	2657.0	2430.1	2190.0	1927.0	1604.7	1318.6	1058.9	855.0	641.2	466.9	332.1
57.5°	3038.4	2791.8	2509.0	2153.9	1798.7	1473.2	1187.1	940.5	697.1	506.4	358.4
55°	3452.8	3170.0	2860.9	2390.6	1989.5	1627.7	1315.3	1026.0	756.3	539.3	384.7
52.5°	3900.0	3571.2	3179.8	2640.6	2190.0	1785.6	1433.7	1101.6	812.2	575.5	407.8
50°	4399.8	3985.5	3459.4	2870.7	2364.3	1933.6	1552.1	1183.8	858.3	614.9	427.5
47.5°	4919.4	4472.2	3709.3	3084.5	2541.9	2078.2	1673.8	1256.2	904.3	647.8	447.2
45°	5462.0	4810.9	3969.1	3275.2	2696.5	2209.8	1765.9	1321.9	960.2	677.4	463.7
42.5°	5998.0	5067.4	4195.9	3465.9	2841.1	2328.2	1841.5	1384.4	1006.2	707.0	480.1
40°	6251.2	5261.4	4376.8	3597.5	2962.8	2433.4	1907.2	1440.3	1045.7	726.7	496.5
37.5°	6356.4	5379.8	4495.2	3722.4	3058.2	2489.3	1963.2	1489.6	1078.6	746.5	509.7
35°	6379.4	5422.5	4554.4	3807.9	3137.1	2541.9	2005.9	1525.8	1104.9	766.2	522.8
32.5°	6336.7	5409.4	4570.8	3837.5	3186.4	2581.4	2035.5	1552.1	1124.6	785.9	536.0
30°	6241.3	5340.3	4511.6	3834.2	3222.6	2604.4	2055.2	1571.8	1144.3	799.1	542.6
27.5°	6086.8	5218.6	4436.0	3837.5	3242.3	2614.2	2065.1	1581.7	1157.5	808.9	555.7
25°	5896.0	5054.2	4439.3	3830.9	3245.6	2617.5	2065.1	1581.7	1160.8	812.2	565.6
22.5°	5675.7	5054.2	4439.3	3821.1	3225.9	2611.0	2055.2	1575.1	1160.8	818.8	575.5
20°	5688.9	5057.5	4429.4	3801.3	3196.3	2591.2	2032.2	1558.7	1150.9	828.7	582.0
17.5°	5698.7	5050.9	4409.7	3775.0	3156.8	2558.3	2002.6	1535.7	1150.9	838.5	585.3
15°	5698.7	5031.2	4380.1	3735.6	3107.5	2512.3	1959.9	1515.9	1154.2	841.8	591.9
12.5°	5688.9	4995.0	4334.1	3683.0	3048.3	2456.4	1933.6	1509.4	1154.2	845.1	591.9
10°	5669.1	4945.7	4274.9	3617.2	2992.4	2436.7	1920.4	1496.2	1147.6	845.1	591.9
7.5°	5633.0	4886.5	4225.5	3577.7	2959.5	2413.7	1900.7	1476.5	1137.8	838.5	598.5
5°	5577.1	4853.6	4186.1	3531.7	2913.5	2397.2	1887.5	1460.0	1131.2	838.5	591.9
2.5°	5504.7	4814.2	4140.0	3472.5	2860.9	2341.3	1844.8	1423.9	1108.2	825.4	585.3
0°	5386.3	4735.2	4061.1	3390.3	2788.5	2285.4	1802.0	1387.7	1085.2	812.2	578.8
-2.5°	5277.8	4630.0	3959.2	3304.8	2719.5	2236.1	1769.1	1368.0	1075.3	808.9	575.5
-5°	5126.6	4485.3	3824.4	3193.0	2627.4	2186.8	1736.3	1344.9	1065.4	802.4	575.5
-7.5°	4958.8	4334.1	3683.0	3077.9	2535.3	2101.3	1673.8	1308.8	1042.4	789.2	572.2
-10°	4699.1	4107.2	3505.4	2946.4	2436.7	2025.6	1621.2	1275.9	1022.7	776.1	559.0
-12.5°	4422.8	3857.2	3301.5	2785.2	2324.9	1946.7	1562.0	1239.7	999.7	762.9	552.4
-15°	4130.2	3600.8	3087.8	2617.5	2203.2	1851.3	1499.5	1200.3	976.6	746.5	542.6
-17.5°	3824.4	3331.1	2867.5	2446.5	2081.5	1752.7	1433.7	1164.1	950.3	730.0	532.7
-20°	3502.1	3054.9	2643.8	2272.3	1953.3	1654.0	1364.7	1121.3	920.7	710.3	519.6



REPORT NUMBER: P722291  
 CATALOG NUMBER: IFLD-S-SA6D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3183.1	2782.0	2413.7	2101.3	1821.8	1552.1	1295.6	1078.6	887.9	687.3	509.7
-25°	2900.3	2525.5	2209.8	1936.8	1693.5	1453.5	1223.3	1035.8	851.7	664.2	496.5
-27.5°	2624.1	2305.1	2009.2	1782.3	1568.5	1358.1	1154.2	989.8	815.5	637.9	483.4
-30°	2367.6	2094.7	1851.3	1631.0	1450.2	1272.6	1095.0	943.8	776.1	611.6	466.9
-32.5°	2134.1	1913.8	1709.9	1499.5	1338.4	1187.1	1039.1	897.7	736.6	585.3	450.5
-35°	1917.1	1746.1	1568.5	1391.0	1226.6	1108.2	979.9	848.4	700.4	555.7	434.1
-37.5°	1723.1	1585.0	1443.6	1292.3	1150.9	1032.5	924.0	799.1	664.2	529.4	417.6
-40°	1555.4	1443.6	1318.6	1197.0	1078.6	966.8	868.1	749.7	628.1	509.7	401.2
-42.5°	1400.8	1315.3	1213.4	1111.5	1006.2	907.6	812.2	697.1	591.9	486.7	384.7
-45°	1282.5	1197.0	1114.8	1022.7	933.9	848.4	753.0	651.1	559.0	460.4	368.3
-47.5°	1170.7	1095.0	1019.4	943.8	871.4	792.5	697.1	611.6	522.8	437.4	355.1
-50°	1072.0	999.7	933.9	868.1	805.6	730.0	641.2	572.2	493.3	414.3	338.7
-52.5°	979.9	917.5	851.7	799.1	746.5	670.8	598.5	532.7	463.7	388.0	322.3
-55°	897.7	838.5	779.3	730.0	680.7	614.9	555.7	499.8	434.1	368.3	305.8
-57.5°	818.8	769.5	713.6	667.5	618.2	565.6	516.3	463.7	404.5	348.6	289.4
-60°	746.5	700.4	651.1	605.1	562.3	519.6	473.5	430.8	378.2	325.5	272.9
-62.5°	674.1	634.7	591.9	545.9	513.0	473.5	437.4	394.6	351.9	305.8	243.3
-65°	608.3	572.2	532.7	493.3	463.7	434.1	401.2	361.7	325.5	282.8	217.0
-67.5°	542.6	509.7	476.8	443.9	417.6	394.6	361.7	332.1	302.5	256.5	190.7
-70°	480.1	453.8	424.2	397.9	378.2	351.9	328.8	302.5	276.2	223.6	161.1
-72.5°	420.9	394.6	371.6	351.9	335.4	312.4	292.7	272.9	236.8	187.4	134.8
-75°	351.9	335.4	322.3	305.8	289.4	272.9	256.5	233.5	197.3	151.3	105.2
-77.5°	289.4	279.5	269.6	256.5	243.3	230.2	210.5	187.4	157.8	118.4	85.5
-80°	236.8	226.9	220.3	207.2	197.3	184.1	164.4	144.7	115.1	92.1	69.1
-82.5°	180.9	174.3	167.7	161.1	151.3	138.1	118.4	101.9	85.5	69.1	52.6
-85°	128.2	125.0	118.4	111.8	101.9	92.1	78.9	69.1	59.2	46.0	36.2
-87.5°	65.8	62.5	59.2	55.9	52.6	46.0	39.5	32.9	29.6	23.0	16.4
-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: P722291  
 CATALOG NUMBER: IFLD-S-SA6D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.2	9.9	3.3	0.0
85°	26.3	16.4	6.6	0.0
82.5°	39.5	26.3	9.9	0.0
80°	52.6	32.9	16.4	0.0
77.5°	65.8	39.5	19.7	0.0
75°	78.9	49.3	23.0	0.0
72.5°	88.8	55.9	26.3	0.0
70°	105.2	65.8	29.6	0.0
67.5°	131.5	72.3	32.9	0.0
65°	154.6	78.9	36.2	0.0
62.5°	180.9	85.5	39.5	0.0
60°	203.9	92.1	42.7	0.0
57.5°	226.9	108.5	46.0	0.0
55°	246.6	121.7	49.3	0.0
52.5°	269.6	134.8	52.6	0.0
50°	289.4	148.0	55.9	0.0
47.5°	305.8	161.1	55.9	0.0
45°	319.0	171.0	59.2	0.0
42.5°	328.8	180.9	62.5	0.0
40°	338.7	190.7	65.8	0.0
37.5°	348.6	200.6	65.8	0.0
35°	358.4	210.5	69.1	0.0
32.5°	368.3	220.3	69.1	0.0
30°	374.9	226.9	72.3	0.0
27.5°	384.7	233.5	72.3	0.0
25°	388.0	240.1	75.6	0.0
22.5°	394.6	243.3	75.6	0.0
20°	401.2	249.9	75.6	0.0
17.5°	404.5	253.2	78.9	0.0
15°	404.5	256.5	82.2	0.0
12.5°	407.8	259.8	82.2	0.0
10°	407.8	266.4	78.9	0.0
7.5°	414.3	263.1	78.9	0.0
5°	411.0	263.1	78.9	0.0
2.5°	407.8	259.8	78.9	0.0
0°	404.5	259.8	78.9	0.0
-2.5°	404.5	259.8	78.9	0.0
-5°	404.5	259.8	78.9	0.0
-7.5°	401.2	263.1	78.9	0.0
-10°	394.6	263.1	78.9	0.0
-12.5°	391.3	253.2	78.9	0.0
-15°	388.0	249.9	78.9	0.0
-17.5°	381.4	246.6	75.6	0.0
-20°	374.9	243.3	75.6	0.0



REPORT NUMBER: P722291  
 CATALOG NUMBER: IFLD-S-SA6D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	368.3	236.8	75.6	0.0
-25°	361.7	230.2	72.3	0.0
-27.5°	355.1	223.6	72.3	0.0
-30°	345.3	217.0	69.1	0.0
-32.5°	335.4	210.5	69.1	0.0
-35°	328.8	200.6	65.8	0.0
-37.5°	319.0	190.7	65.8	0.0
-40°	309.1	180.9	62.5	0.0
-42.5°	299.2	171.0	59.2	0.0
-45°	286.1	161.1	59.2	0.0
-47.5°	276.2	151.3	55.9	0.0
-50°	259.8	138.1	52.6	0.0
-52.5°	240.1	125.0	49.3	0.0
-55°	220.3	115.1	46.0	0.0
-57.5°	200.6	101.9	46.0	0.0
-60°	180.9	88.8	42.7	0.0
-62.5°	161.1	82.2	39.5	0.0
-65°	141.4	75.6	36.2	0.0
-67.5°	118.4	65.8	32.9	0.0
-70°	98.7	59.2	29.6	0.0
-72.5°	85.5	52.6	26.3	0.0
-75°	72.3	46.0	23.0	0.0
-77.5°	62.5	39.5	19.7	0.0
-80°	49.3	29.6	13.2	0.0
-82.5°	36.2	23.0	9.9	0.0
-85°	23.0	16.4	6.6	0.0
-87.5°	13.2	6.6	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)