

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: P722304

Luminaire Tested: **IFLD-L-SA8B-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722304  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

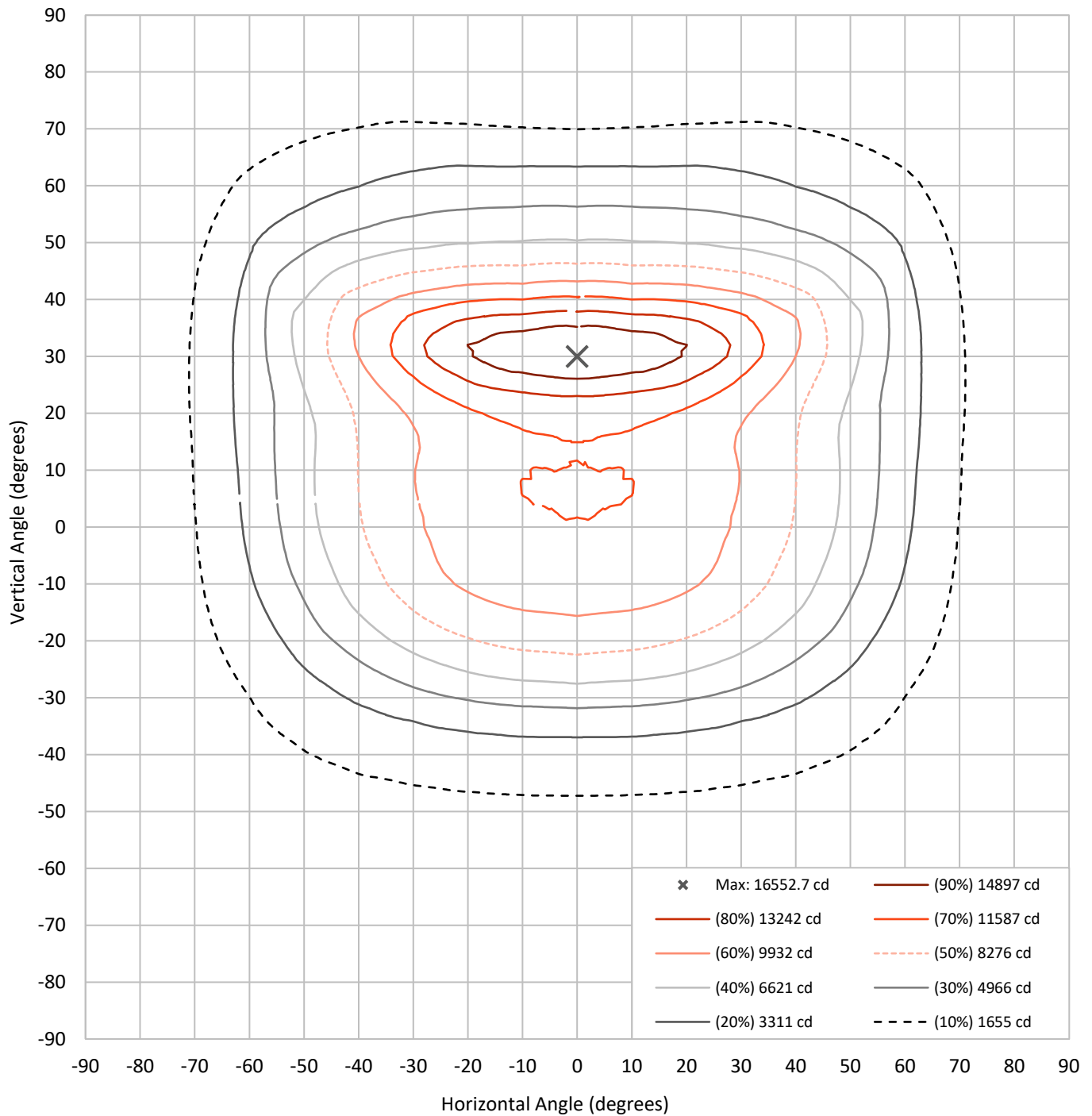
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27630.6 lumens	Max Intensity:	16552.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16067.5 lumens	Field Lumens:	25893.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320  
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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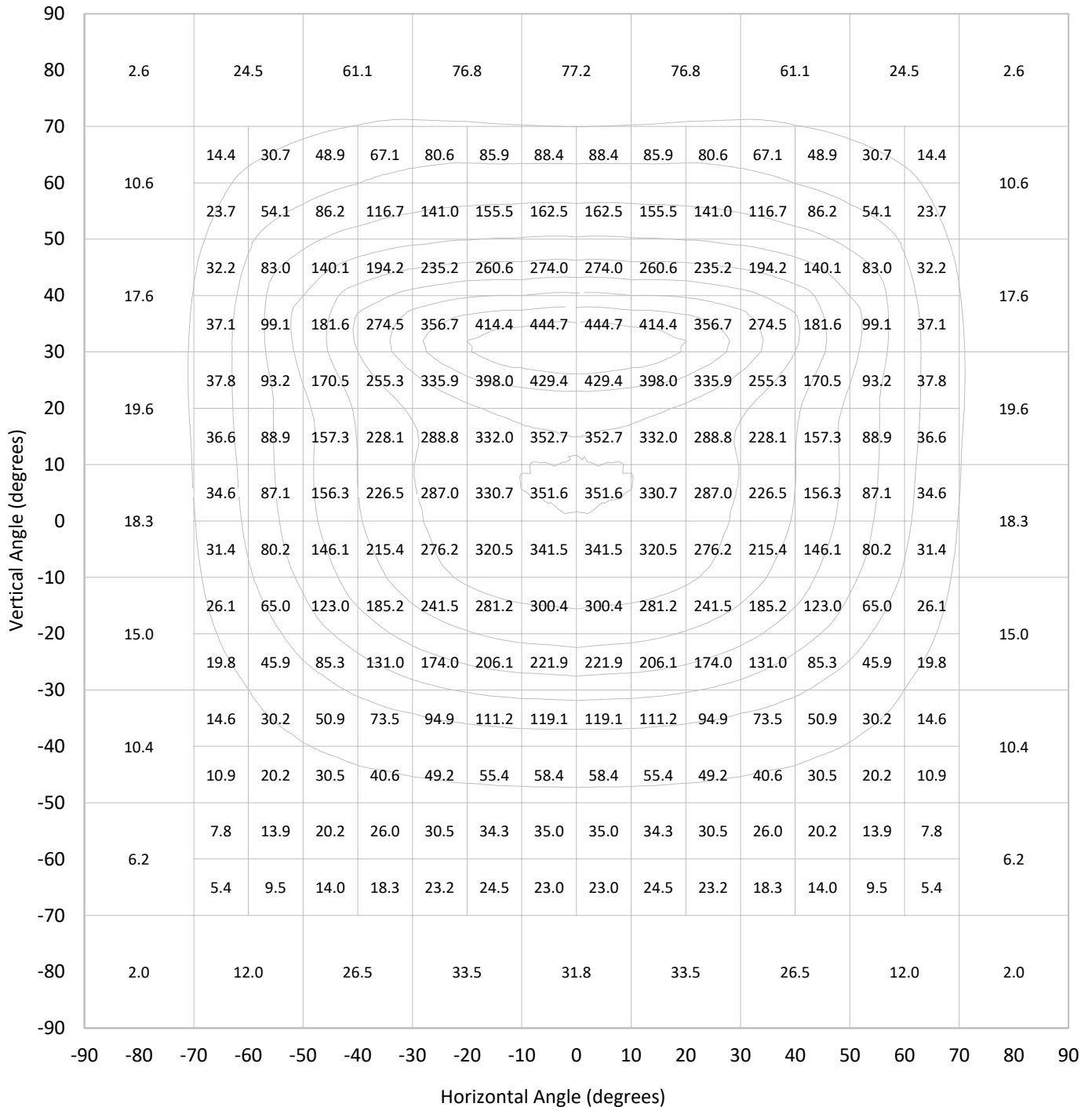
### Iso-Candela Plot





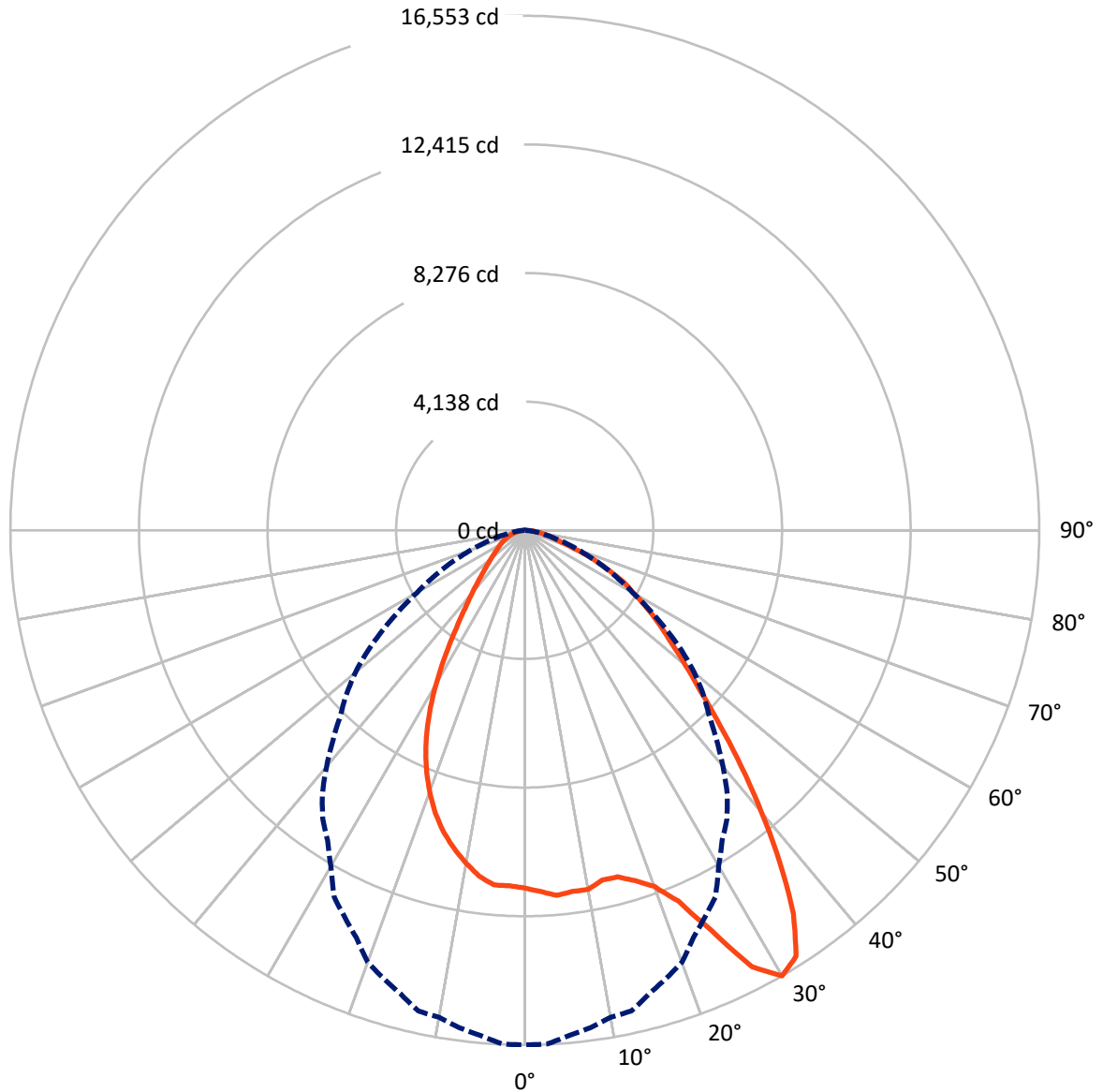
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### Lumen Table



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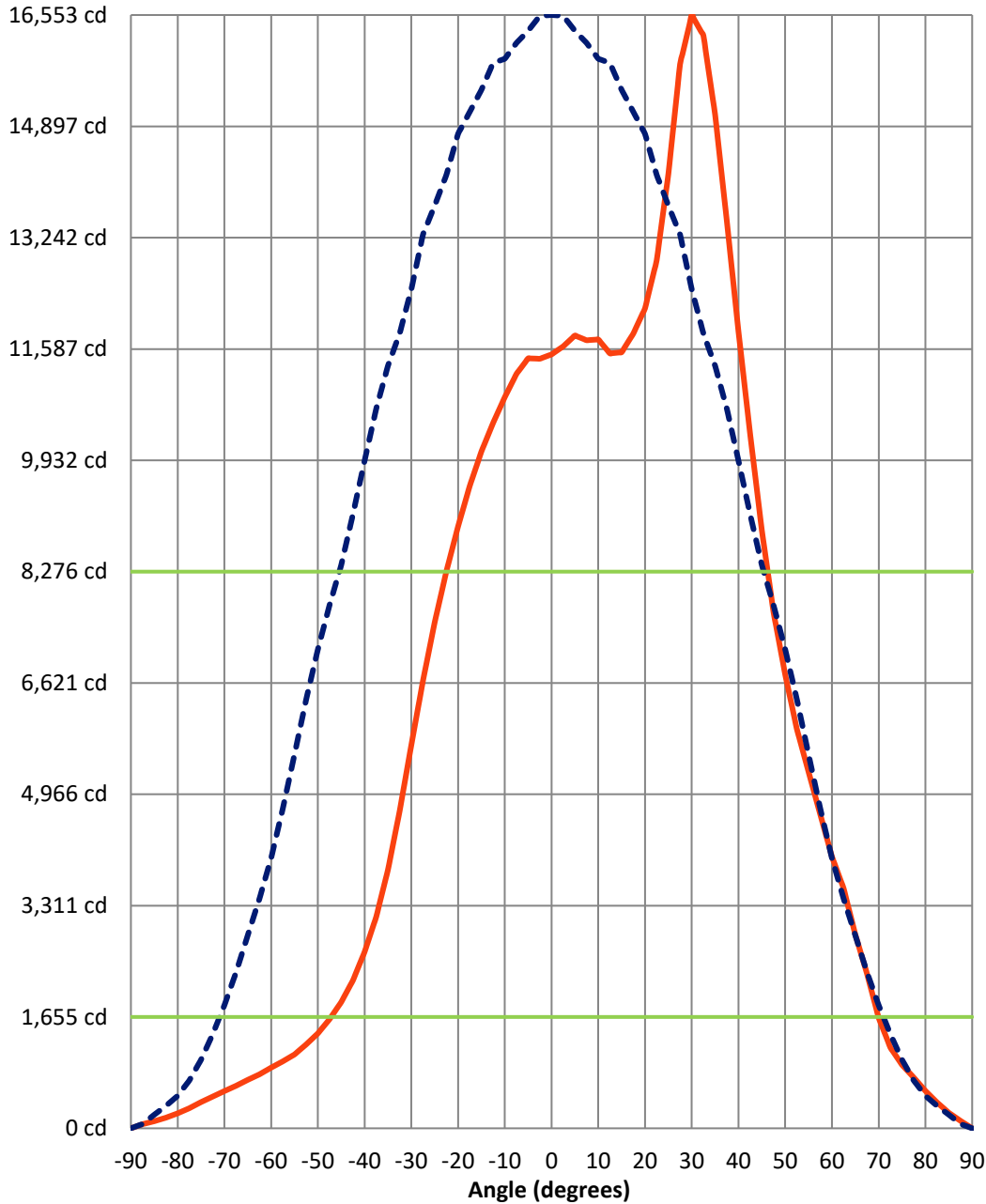
### Luminous Intensity Polar Plot



— 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: 16067.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 25893.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1737.2  
 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°	111.2	114.2	117.1	117.1	114.2	114.2	114.2	111.2	114.2	114.2	114.2
85°	231.2	237.1	242.9	240.0	237.1	231.2	225.4	228.3	231.2	234.2	234.2
82.5°	383.4	392.2	398.1	395.2	389.3	383.4	377.6	380.5	386.4	389.3	389.3
80°	556.1	559.1	562.0	567.9	559.1	559.1	556.1	567.9	573.7	579.6	585.4
77.5°	755.2	758.1	758.1	761.0	764.0	766.9	766.9	787.4	802.0	810.8	819.6
75°	942.5	951.3	960.1	968.9	980.6	986.4	995.2	1024.5	1047.9	1065.5	1083.0
72.5°	1200.1	1211.8	1226.5	1246.9	1267.4	1282.1	1302.6	1337.7	1364.0	1381.6	1402.1
70°	1642.1	1653.8	1668.4	1683.1	1703.6	1718.2	1738.7	1782.6	1808.9	1820.7	1832.4
67.5°	2297.8	2327.0	2353.4	2324.1	2309.5	2289.0	2294.8	2335.8	2362.2	2379.7	2376.8
65°	2880.3	2900.7	2900.7	2897.8	2886.1	2859.8	2874.4	2924.2	2953.4	2968.1	2924.2
62.5°	3565.2	3565.2	3550.6	3574.0	3576.9	3559.3	3550.6	3553.5	3556.4	3565.2	3492.0
60°	4039.4	4068.7	4077.4	4097.9	4103.8	4103.8	4118.4	4130.1	4130.1	4112.6	4027.7
57.5°	4665.8	4721.4	4733.1	4718.5	4689.2	4651.1	4645.3	4627.7	4592.6	4557.5	4516.5
55°	5298.0	5327.3	5324.4	5315.6	5286.3	5242.4	5248.3	5224.9	5169.2	5125.3	5069.7
52.5°	5933.2	6003.5	6015.2	5997.6	5956.6	5909.8	5912.7	5886.4	5830.8	5783.9	5707.8
50°	6744.0	6802.6	6796.7	6767.4	6708.9	6673.8	6676.7	6626.9	6562.5	6547.9	6448.4
47.5°	7671.9	7739.2	7727.5	7686.5	7607.5	7592.9	7607.5	7543.1	7505.1	7472.9	7355.8
45°	8889.6	8968.6	8924.7	8845.7	8719.8	8734.4	8754.9	8743.2	8661.3	8576.4	8427.1
42.5°	10318.0	10367.8	10315.1	10236.0	10078.0	10107.2	10095.5	10025.3	9975.5	9835.0	9644.8
40°	11845.9	11954.2	11872.3	11749.3	11585.4	11629.3	11597.1	11506.4	11389.3	11213.7	10973.7
37.5°	13493.9	13578.8	13485.1	13341.7	13195.3	13180.7	13116.3	12975.8	12809.0	12615.8	12232.3
35°	15071.6	15291.1	15118.4	14890.1	14711.6	14644.2	14582.8	14257.9	14067.6	13754.4	13230.5
32.5°	16245.4	16406.3	16192.7	15955.6	15739.0	15645.3	15428.7	15042.3	14939.9	14281.3	13801.2
30°	16552.7	16541.0	16318.5	16137.1	15902.9	15838.5	15440.4	15112.6	14784.7	14175.9	13719.3
27.5°	15820.9	15747.7	15534.1	15376.0	15144.8	15068.7	14676.4	14500.8	13994.4	13479.3	13092.9
25°	14190.5	14228.6	14067.6	13988.6	13836.4	13672.4	13517.3	13280.2	12964.1	12513.3	12159.1
22.5°	12905.5	12955.3	12888.0	12794.3	12677.2	12586.5	12469.4	12285.0	11980.6	11702.5	11368.8
20°	12191.3	12176.7	12118.2	12047.9	11936.7	11872.3	11743.5	11588.4	11354.2	11114.2	10754.1
17.5°	11816.7	11725.9	11670.3	11644.0	11585.4	11503.5	11351.3	11193.2	11011.7	10739.5	10476.1
15°	11538.6	11553.2	11509.3	11488.8	11442.0	11327.8	11172.7	11043.9	10798.0	10660.5	10420.4
12.5°	11521.0	11506.4	11509.3	11500.5	11442.0	11295.6	11216.6	11052.7	10894.6	10713.2	10438.0
10°	11728.9	11573.7	11585.4	11626.4	11532.7	11415.7	11330.8	11152.2	11002.9	10771.7	10499.5
7.5°	11717.1	11638.1	11661.5	11594.2	11623.5	11480.1	11363.0	11184.4	10997.1	10751.2	10505.3
5°	11787.4	11667.4	11646.9	11652.7	11579.6	11471.3	11313.2	11143.4	10967.8	10692.7	10440.9
2.5°	11626.4	11644.0	11550.3	11515.2	11506.4	11324.9	11178.6	11014.6	10833.2	10590.2	10364.8
0°	11506.4	11538.6	11442.0	11392.2	11389.3	11234.2	11140.5	10953.2	10824.4	10622.4	10350.2
-2.5°	11442.0	11480.1	11491.8	11401.0	11313.2	11193.2	11035.1	10833.2	10622.4	10388.2	10154.1
-5°	11447.9	11371.7	11339.6	11368.8	11292.7	11172.7	10997.1	10818.5	10610.7	10359.0	10066.3
-7.5°	11216.6	11140.5	11134.7	11120.0	11102.5	10988.3	10841.9	10648.8	10438.0	10203.8	9931.6
-10°	10871.2	10815.6	10801.0	10786.3	10739.5	10672.2	10534.6	10359.0	10168.7	9934.5	9644.8
-12.5°	10487.8	10461.4	10405.8	10367.8	10320.9	10241.9	10110.2	9949.2	9758.9	9551.1	9302.3
-15°	10063.3	10013.6	9958.0	9925.8	9858.4	9764.8	9633.1	9483.8	9276.0	9071.1	8836.9
-17.5°	9551.1	9489.6	9428.2	9419.4	9372.5	9229.1	9106.2	8924.7	8743.2	8547.1	8318.8
-20°	8948.1	8863.2	8822.3	8798.8	8734.4	8629.1	8497.3	8330.5	8154.9	7967.5	7704.1



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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°	8280.7	8207.6	8137.3	8093.4	8037.8	7955.8	7830.0	7683.6	7510.9	7300.2	7057.2
-25°	7522.6	7420.2	7376.3	7326.5	7297.2	7221.1	7098.2	6963.5	6785.0	6580.1	6348.9
-27.5°	6656.2	6574.2	6550.8	6480.6	6445.5	6366.4	6264.0	6138.1	5974.2	5781.0	5590.7
-30°	5699.0	5649.3	5611.2	5541.0	5514.6	5429.8	5362.4	5257.1	5107.8	4970.2	4818.0
-32.5°	4715.5	4665.8	4654.1	4621.9	4604.3	4548.7	4472.6	4396.5	4276.5	4174.0	4051.1
-35°	3843.3	3808.1	3811.1	3808.1	3790.6	3749.6	3655.9	3635.4	3547.6	3454.0	3374.9
-37.5°	3146.6	3149.5	3146.6	3143.7	3120.3	3102.7	3035.4	3009.0	2956.4	2865.6	2818.8
-40°	2622.7	2628.5	2625.6	2619.7	2593.4	2584.6	2540.7	2505.6	2485.1	2420.7	2370.9
-42.5°	2198.2	2207.0	2204.1	2201.2	2183.6	2180.7	2157.3	2116.3	2104.6	2066.5	2013.8
-45°	1876.3	1873.3	1867.5	1873.3	1864.6	1855.8	1841.1	1814.8	1800.2	1782.6	1738.7
-47.5°	1621.6	1624.5	1618.7	1618.7	1607.0	1598.2	1592.3	1574.8	1563.1	1548.4	1522.1
-50°	1410.9	1422.6	1419.6	1416.7	1407.9	1402.1	1402.1	1384.5	1367.0	1361.1	1343.5
-52.5°	1246.9	1255.7	1258.6	1264.5	1267.4	1270.4	1261.6	1244.0	1214.7	1211.8	1203.0
-55°	1097.7	1124.0	1141.6	1153.3	1165.0	1173.8	1156.2	1132.8	1103.5	1091.8	1088.9
-57.5°	995.2	1021.6	1042.0	1059.6	1074.2	1088.9	1071.3	1047.9	1021.6	1006.9	1004.0
-60°	901.5	925.0	945.5	968.9	989.4	1012.8	1004.0	986.4	971.8	960.1	948.4
-62.5°	802.0	825.4	848.9	878.1	904.5	927.9	930.8	927.9	925.0	927.9	907.4
-65°	720.1	731.8	746.4	778.6	807.9	834.2	848.9	857.6	872.3	886.9	866.4
-67.5°	632.3	646.9	664.4	687.9	711.3	728.8	749.3	772.8	796.2	819.6	805.0
-70°	553.2	564.9	579.6	591.3	605.9	617.6	635.2	661.5	687.9	711.3	705.4
-72.5°	471.3	483.0	491.8	497.6	506.4	512.2	521.0	544.4	562.0	573.7	573.7
-75°	389.3	401.0	409.8	412.7	418.6	421.5	427.4	436.1	444.9	447.8	450.8
-77.5°	298.6	310.3	319.1	324.9	330.8	336.6	339.5	345.4	348.3	348.3	351.3
-80°	222.5	231.2	237.1	245.9	248.8	254.7	260.5	263.4	266.4	266.4	269.3
-82.5°	158.1	163.9	169.8	175.6	181.5	184.4	190.3	193.2	196.1	199.0	202.0
-85°	105.4	111.2	117.1	122.9	125.9	128.8	131.7	134.6	137.6	140.5	143.4
-87.5°	61.5	64.4	67.3	73.2	76.1	82.0	84.9	82.0	84.9	84.9	84.9
-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):**

	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°	114.2	114.2	114.2	114.2	111.2	105.4	102.4	96.6	90.7	84.9	79.0
85°	237.1	240.0	240.0	240.0	234.2	231.2	222.5	213.7	202.0	184.4	169.8
82.5°	395.2	398.1	398.1	395.2	389.3	380.5	368.8	354.2	330.8	307.3	286.9
80°	594.2	597.1	597.1	594.2	579.6	564.9	550.3	532.7	503.5	471.3	436.1
77.5°	831.3	837.1	837.1	828.4	807.9	790.3	766.9	737.6	693.7	646.9	600.1
75°	1106.4	1121.1	1124.0	1115.2	1088.9	1056.7	1018.6	968.9	901.5	843.0	787.4
72.5°	1425.5	1440.1	1451.8	1440.1	1402.1	1358.2	1302.6	1244.0	1176.7	1097.7	1004.0
70°	1844.1	1858.7	1867.5	1829.4	1762.1	1688.9	1621.6	1554.3	1475.3	1378.7	1276.2
67.5°	2370.9	2356.3	2338.7	2262.6	2177.8	2089.9	1996.3	1896.8	1794.3	1691.9	1571.8
65°	2877.3	2836.4	2798.3	2707.6	2599.3	2485.1	2376.8	2265.6	2142.6	2013.8	1899.7
62.5°	3410.1	3322.2	3228.6	3117.4	3006.1	2880.3	2772.0	2640.2	2502.7	2344.6	2198.2
60°	3934.0	3828.6	3735.0	3597.4	3451.0	3281.3	3164.2	3035.4	2874.4	2704.6	2531.9
57.5°	4440.4	4326.2	4223.8	4103.8	3945.7	3761.3	3632.5	3465.7	3295.9	3082.2	2906.6
55°	4979.0	4864.8	4782.9	4648.2	4475.5	4305.8	4165.3	3989.6	3752.5	3524.2	3307.6
52.5°	5596.6	5505.9	5418.0	5280.5	5072.6	4900.0	4744.8	4548.7	4299.9	4018.9	3758.4
50°	6287.4	6240.6	6146.9	5985.9	5748.8	5596.6	5391.7	5131.2	4864.8	4569.2	4244.3
47.5°	7203.6	7127.5	6995.7	6820.1	6621.1	6392.8	6117.6	5813.2	5435.6	5107.8	4762.4
45°	8298.3	8157.8	7988.0	7750.9	7505.1	7247.5	6946.0	6559.6	6053.2	5625.9	5262.9
42.5°	9483.8	9293.5	9062.3	8752.0	8432.9	8116.8	7791.9	7265.0	6632.8	6141.0	5731.2
40°	10721.9	10479.0	10189.2	9738.4	9384.3	8977.4	8605.6	7818.3	7145.0	6612.3	6176.2
37.5°	11933.7	11626.4	11140.5	10593.1	10180.4	9846.7	9030.1	8187.1	7584.1	6998.7	6556.7
35°	12861.6	12601.1	11743.5	11175.6	10821.5	10294.6	9273.0	8409.5	7771.4	7285.5	6597.7
32.5°	13411.9	12738.7	11986.4	11412.7	11120.0	10256.5	9290.6	8473.9	7859.2	7314.8	6492.3
30°	13289.0	12475.3	11816.7	11336.6	10701.4	9925.8	9126.7	8374.4	7777.3	7118.7	6375.2
27.5°	12548.4	11919.1	11330.8	10830.2	10206.8	9510.1	8772.5	8111.0	7554.8	6916.7	6214.2
25°	11711.3	11140.5	10704.4	10268.2	9677.0	9012.5	8362.7	7885.6	7326.5	6697.2	6003.5
22.5°	10941.5	10531.7	10189.2	9732.6	9155.9	8576.4	8172.4	7677.8	7104.0	6465.9	5786.9
20°	10449.7	10171.6	9779.4	9276.0	8822.3	8459.3	8011.4	7487.5	6896.2	6228.8	5602.5
17.5°	10212.6	9890.6	9454.5	9126.7	8778.3	8380.3	7879.7	7323.6	6694.3	6120.5	5622.9
15°	10089.7	9750.1	9463.3	9141.3	8749.1	8330.5	7774.4	7197.7	6694.3	6164.5	5637.6
12.5°	10116.0	9823.3	9510.1	9158.9	8737.4	8289.5	7786.1	7250.4	6729.4	6196.7	5640.5
10°	10198.0	9890.6	9557.0	9167.6	8743.2	8301.2	7818.3	7282.6	6746.9	6211.3	5634.7
7.5°	10227.3	9893.6	9536.5	9144.2	8728.6	8295.4	7824.1	7291.4	6749.9	6208.4	5617.1
5°	10136.5	9835.0	9489.6	9094.5	8687.6	8266.1	7800.7	7279.7	6726.5	6179.1	5573.2
2.5°	10013.6	9770.6	9439.9	9059.3	8646.6	8225.1	7762.6	7227.0	6673.8	6126.4	5517.6
0°	9993.1	9691.6	9357.9	9018.4	8579.3	8134.4	7674.8	7127.5	6577.2	6026.9	5421.0
-2.5°	9858.4	9539.4	9205.7	8836.9	8450.5	8002.7	7519.7	6984.0	6439.6	5898.1	5315.6
-5°	9756.0	9401.8	9047.6	8649.6	8260.3	7812.4	7311.9	6790.9	6258.1	5731.2	5169.2
-7.5°	9618.4	9255.5	8883.7	8468.1	8046.6	7589.9	7095.3	6574.2	6050.3	5526.3	4987.8
-10°	9340.3	9021.3	8673.0	8242.7	7797.8	7341.1	6849.4	6337.2	5813.2	5283.4	4741.9
-12.5°	9003.7	8667.1	8286.6	7891.4	7493.4	7068.9	6577.2	6073.7	5546.8	5014.1	4475.5
-15°	8567.6	8236.8	7847.5	7461.2	7077.7	6670.8	6237.6	5783.9	5248.3	4724.3	4185.7
-17.5°	8023.2	7712.9	7364.6	6995.7	6615.2	6205.4	5783.9	5400.5	4900.0	4408.2	3875.5
-20°	7437.7	7148.0	6834.8	6486.4	6105.9	5704.9	5306.8	4905.8	4472.6	4039.4	3544.7



REPORT NUMBER: P722304  
 CATALOG NUMBER: IFLD-L-SA8B-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°	6828.9	6536.2	6220.1	5895.2	5543.9	5172.2	4803.4	4419.9	4039.4	3647.2	3228.6
-25°	6126.4	5868.8	5579.0	5262.9	4949.7	4624.8	4273.6	3925.2	3600.3	3260.8	2918.3
-27.5°	5391.7	5154.6	4891.2	4616.0	4346.7	4074.5	3770.1	3448.1	3178.8	2897.8	2613.9
-30°	4618.9	4428.7	4215.0	3975.0	3767.2	3547.6	3293.0	3026.6	2780.7	2567.1	2338.7
-32.5°	3887.2	3726.2	3574.0	3415.9	3211.0	3041.2	2865.6	2669.5	2452.9	2250.9	2087.0
-35°	3257.9	3085.2	3020.8	2903.7	2757.3	2608.0	2479.2	2338.7	2174.8	1996.3	1861.6
-37.5°	2728.0	2625.6	2534.9	2470.5	2373.9	2253.9	2151.4	2049.0	1923.1	1788.5	1653.8
-40°	2315.3	2245.1	2145.6	2113.4	2051.9	1969.9	1864.6	1785.5	1700.6	1598.2	1484.0
-42.5°	1984.6	1931.9	1867.5	1811.9	1785.5	1727.0	1645.0	1568.9	1501.6	1431.3	1343.5
-45°	1712.3	1677.2	1636.2	1586.5	1566.0	1519.2	1460.6	1375.7	1337.7	1279.1	1214.7
-47.5°	1492.8	1475.3	1446.0	1413.8	1384.5	1349.4	1296.7	1244.0	1191.3	1153.3	1103.5
-50°	1320.1	1308.4	1290.8	1264.5	1226.5	1203.0	1167.9	1121.1	1071.3	1039.1	1004.0
-52.5°	1182.5	1170.8	1159.1	1138.6	1109.4	1086.0	1056.7	1018.6	977.6	945.5	916.2
-55°	1077.2	1059.6	1050.8	1033.3	1009.8	983.5	957.2	930.8	895.7	866.4	837.1
-57.5°	995.2	971.8	960.1	945.5	922.0	895.7	875.2	848.9	825.4	793.2	766.9
-60°	930.8	904.5	881.1	866.4	845.9	819.6	799.1	778.6	755.2	728.8	696.6
-62.5°	878.1	845.9	813.7	796.2	775.7	752.3	731.8	711.3	687.9	661.5	632.3
-65°	828.4	790.3	749.3	731.8	711.3	687.9	661.5	646.9	626.4	603.0	573.7
-67.5°	766.9	725.9	690.8	670.3	649.8	629.3	605.9	591.3	570.8	541.5	512.2
-70°	676.2	649.8	626.4	608.8	591.3	573.7	550.3	526.9	503.5	477.1	450.8
-72.5°	562.0	553.2	550.3	541.5	521.0	500.5	477.1	453.7	433.2	412.7	392.2
-75°	453.7	459.6	465.4	462.5	442.0	421.5	401.0	380.5	365.9	348.3	330.8
-77.5°	360.0	365.9	371.7	371.7	357.1	345.4	330.8	316.1	304.4	289.8	272.2
-80°	278.1	286.9	295.6	301.5	289.8	281.0	269.3	257.6	245.9	234.2	222.5
-82.5°	210.8	219.5	228.3	234.2	225.4	219.5	210.8	202.0	193.2	181.5	172.7
-85°	152.2	158.1	163.9	166.8	161.0	155.1	149.3	143.4	137.6	128.8	122.9
-87.5°	87.8	90.7	93.7	96.6	90.7	84.9	82.0	76.1	73.2	67.3	64.4
-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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 CATALOG NUMBER: IFLD-L-SA8B-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°	73.2	67.3	61.5	58.5	52.7	43.9	38.1	32.2	26.3	20.5	17.6
85°	155.1	140.5	122.9	114.2	102.4	90.7	79.0	67.3	55.6	43.9	32.2
82.5°	266.4	248.8	231.2	210.8	184.4	152.2	120.0	99.5	82.0	64.4	49.8
80°	401.0	368.8	339.5	313.2	283.9	242.9	199.0	158.1	111.2	84.9	64.4
77.5°	556.1	518.1	477.1	433.2	386.4	330.8	281.0	228.3	172.7	117.1	82.0
75°	731.8	682.0	626.4	564.9	503.5	430.3	360.0	298.6	234.2	163.9	99.5
72.5°	927.9	866.4	799.1	717.1	620.5	535.7	450.8	368.8	292.7	207.8	134.6
70°	1179.6	1083.0	983.5	895.7	772.8	638.1	538.6	444.9	348.3	254.7	169.8
67.5°	1448.9	1331.8	1211.8	1083.0	927.9	769.8	626.4	521.0	406.9	298.6	202.0
65°	1741.6	1595.3	1443.1	1299.6	1086.0	898.6	737.6	594.2	462.5	339.5	234.2
62.5°	2043.1	1870.4	1694.8	1507.5	1261.6	1030.3	843.0	676.2	515.2	377.6	263.4
60°	2365.1	2163.1	1949.4	1715.3	1428.4	1173.8	942.5	761.0	570.8	415.6	295.6
57.5°	2704.6	2485.1	2233.4	1917.2	1601.1	1311.3	1056.7	837.1	620.5	450.8	319.1
55°	3073.4	2821.7	2546.6	2128.0	1770.9	1448.9	1170.8	913.3	673.2	480.0	342.5
52.5°	3471.5	3178.8	2830.5	2350.5	1949.4	1589.4	1276.2	980.6	723.0	512.2	363.0
50°	3916.4	3547.6	3079.3	2555.4	2104.6	1721.1	1381.6	1053.8	764.0	547.4	380.5
47.5°	4378.9	3980.8	3301.8	2745.6	2262.6	1849.9	1489.9	1118.1	805.0	576.6	398.1
45°	4861.9	4282.3	3533.0	2915.4	2400.2	1967.0	1571.8	1176.7	854.7	603.0	412.7
42.5°	5339.0	4510.6	3735.0	3085.2	2529.0	2072.4	1639.2	1232.3	895.7	629.3	427.4
40°	5564.4	4683.3	3896.0	3202.2	2637.3	2166.0	1697.7	1282.1	930.8	646.9	442.0
37.5°	5658.1	4788.7	4001.3	3313.5	2722.2	2215.8	1747.5	1326.0	960.1	664.4	453.7
35°	5678.6	4826.8	4054.0	3389.6	2792.4	2262.6	1785.5	1358.2	983.5	682.0	465.4
32.5°	5640.5	4815.1	4068.7	3415.9	2836.4	2297.8	1811.9	1381.6	1001.1	699.6	477.1
30°	5555.6	4753.6	4016.0	3413.0	2868.5	2318.3	1829.4	1399.1	1018.6	711.3	483.0
27.5°	5418.0	4645.3	3948.6	3415.9	2886.1	2327.0	1838.2	1407.9	1030.3	720.1	494.7
25°	5248.3	4498.9	3951.6	3410.1	2889.0	2330.0	1838.2	1407.9	1033.3	723.0	503.5
22.5°	5052.2	4498.9	3951.6	3401.3	2871.5	2324.1	1829.4	1402.1	1033.3	728.8	512.2
20°	5063.9	4501.9	3942.8	3383.7	2845.1	2306.5	1808.9	1387.4	1024.5	737.6	518.1
17.5°	5072.6	4496.0	3925.2	3360.3	2810.0	2277.3	1782.6	1367.0	1024.5	746.4	521.0
15°	5072.6	4478.4	3898.9	3325.2	2766.1	2236.3	1744.5	1349.4	1027.4	749.3	526.9
12.5°	5063.9	4446.3	3857.9	3278.3	2713.4	2186.5	1721.1	1343.5	1027.4	752.3	526.9
10°	5046.3	4402.3	3805.2	3219.8	2663.7	2169.0	1709.4	1331.8	1021.6	752.3	526.9
7.5°	5014.1	4349.7	3761.3	3184.7	2634.4	2148.5	1691.9	1314.3	1012.8	746.4	532.7
5°	4964.3	4320.4	3726.2	3143.7	2593.4	2133.8	1680.2	1299.6	1006.9	746.4	526.9
2.5°	4900.0	4285.3	3685.2	3091.0	2546.6	2084.1	1642.1	1267.4	986.4	734.7	521.0
0°	4794.6	4215.0	3615.0	3017.8	2482.2	2034.3	1604.0	1235.2	965.9	723.0	515.2
-2.5°	4698.0	4121.3	3524.2	2941.7	2420.7	1990.4	1574.8	1217.7	957.2	720.1	512.2
-5°	4563.3	3992.6	3404.2	2842.2	2338.7	1946.5	1545.5	1197.2	948.4	714.2	512.2
-7.5°	4414.1	3857.9	3278.3	2739.8	2256.8	1870.4	1489.9	1165.0	927.9	702.5	509.3
-10°	4182.8	3655.9	3120.3	2622.7	2169.0	1803.1	1443.1	1135.7	910.3	690.8	497.6
-12.5°	3936.9	3433.5	2938.8	2479.2	2069.5	1732.8	1390.4	1103.5	889.8	679.1	491.8
-15°	3676.4	3205.2	2748.5	2330.0	1961.2	1648.0	1334.8	1068.4	869.3	664.4	483.0
-17.5°	3404.2	2965.1	2552.4	2177.8	1852.8	1560.1	1276.2	1036.2	845.9	649.8	474.2
-20°	3117.4	2719.3	2353.4	2022.6	1738.7	1472.3	1214.7	998.1	819.6	632.3	462.5



REPORT NUMBER: P722304

CATALOG NUMBER: IFLD-L-SA8B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2833.4	2476.3	2148.5	1870.4	1621.6	1381.6	1153.3	960.1	790.3	611.8	453.7
-25°	2581.7	2248.0	1967.0	1724.1	1507.5	1293.8	1088.9	922.0	758.1	591.3	442.0
-27.5°	2335.8	2051.9	1788.5	1586.5	1396.2	1208.9	1027.4	881.1	725.9	567.9	430.3
-30°	2107.5	1864.6	1648.0	1451.8	1290.8	1132.8	974.7	840.1	690.8	544.4	415.6
-32.5°	1899.7	1703.6	1522.1	1334.8	1191.3	1056.7	925.0	799.1	655.7	521.0	401.0
-35°	1706.5	1554.3	1396.2	1238.2	1091.8	986.4	872.3	755.2	623.5	494.7	386.4
-37.5°	1533.8	1410.9	1285.0	1150.3	1024.5	919.1	822.5	711.3	591.3	471.3	371.7
-40°	1384.5	1285.0	1173.8	1065.5	960.1	860.6	772.8	667.4	559.1	453.7	357.1
-42.5°	1246.9	1170.8	1080.1	989.4	895.7	807.9	723.0	620.5	526.9	433.2	342.5
-45°	1141.6	1065.5	992.3	910.3	831.3	755.2	670.3	579.6	497.6	409.8	327.8
-47.5°	1042.0	974.7	907.4	840.1	775.7	705.4	620.5	544.4	465.4	389.3	316.1
-50°	954.2	889.8	831.3	772.8	717.1	649.8	570.8	509.3	439.1	368.8	301.5
-52.5°	872.3	816.7	758.1	711.3	664.4	597.1	532.7	474.2	412.7	345.4	286.9
-55°	799.1	746.4	693.7	649.8	605.9	547.4	494.7	444.9	386.4	327.8	272.2
-57.5°	728.8	684.9	635.2	594.2	550.3	503.5	459.6	412.7	360.0	310.3	257.6
-60°	664.4	623.5	579.6	538.6	500.5	462.5	421.5	383.4	336.6	289.8	242.9
-62.5°	600.1	564.9	526.9	485.9	456.6	421.5	389.3	351.3	313.2	272.2	216.6
-65°	541.5	509.3	474.2	439.1	412.7	386.4	357.1	322.0	289.8	251.7	193.2
-67.5°	483.0	453.7	424.4	395.2	371.7	351.3	322.0	295.6	269.3	228.3	169.8
-70°	427.4	403.9	377.6	354.2	336.6	313.2	292.7	269.3	245.9	199.0	143.4
-72.5°	374.7	351.3	330.8	313.2	298.6	278.1	260.5	242.9	210.8	166.8	120.0
-75°	313.2	298.6	286.9	272.2	257.6	242.9	228.3	207.8	175.6	134.6	93.7
-77.5°	257.6	248.8	240.0	228.3	216.6	204.9	187.3	166.8	140.5	105.4	76.1
-80°	210.8	202.0	196.1	184.4	175.6	163.9	146.4	128.8	102.4	82.0	61.5
-82.5°	161.0	155.1	149.3	143.4	134.6	122.9	105.4	90.7	76.1	61.5	46.8
-85°	114.2	111.2	105.4	99.5	90.7	82.0	70.3	61.5	52.7	41.0	32.2
-87.5°	58.5	55.6	52.7	49.8	46.8	41.0	35.1	29.3	26.3	20.5	14.6
-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: P722304  
 CATALOG NUMBER: IFLD-L-SA8B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.7	8.8	2.9	0.0
85°	23.4	14.6	5.9	0.0
82.5°	35.1	23.4	8.8	0.0
80°	46.8	29.3	14.6	0.0
77.5°	58.5	35.1	17.6	0.0
75°	70.3	43.9	20.5	0.0
72.5°	79.0	49.8	23.4	0.0
70°	93.7	58.5	26.3	0.0
67.5°	117.1	64.4	29.3	0.0
65°	137.6	70.3	32.2	0.0
62.5°	161.0	76.1	35.1	0.0
60°	181.5	82.0	38.1	0.0
57.5°	202.0	96.6	41.0	0.0
55°	219.5	108.3	43.9	0.0
52.5°	240.0	120.0	46.8	0.0
50°	257.6	131.7	49.8	0.0
47.5°	272.2	143.4	49.8	0.0
45°	283.9	152.2	52.7	0.0
42.5°	292.7	161.0	55.6	0.0
40°	301.5	169.8	58.5	0.0
37.5°	310.3	178.6	58.5	0.0
35°	319.1	187.3	61.5	0.0
32.5°	327.8	196.1	61.5	0.0
30°	333.7	202.0	64.4	0.0
27.5°	342.5	207.8	64.4	0.0
25°	345.4	213.7	67.3	0.0
22.5°	351.3	216.6	67.3	0.0
20°	357.1	222.5	67.3	0.0
17.5°	360.0	225.4	70.3	0.0
15°	360.0	228.3	73.2	0.0
12.5°	363.0	231.2	73.2	0.0
10°	363.0	237.1	70.3	0.0
7.5°	368.8	234.2	70.3	0.0
5°	365.9	234.2	70.3	0.0
2.5°	363.0	231.2	70.3	0.0
0°	360.0	231.2	70.3	0.0
-2.5°	360.0	231.2	70.3	0.0
-5°	360.0	231.2	70.3	0.0
-7.5°	357.1	234.2	70.3	0.0
-10°	351.3	234.2	70.3	0.0
-12.5°	348.3	225.4	70.3	0.0
-15°	345.4	222.5	70.3	0.0
-17.5°	339.5	219.5	67.3	0.0
-20°	333.7	216.6	67.3	0.0



REPORT NUMBER: P722304

CATALOG NUMBER: IFLD-L-SA8B-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	327.8	210.8	67.3	0.0
-25°	322.0	204.9	64.4	0.0
-27.5°	316.1	199.0	64.4	0.0
-30°	307.3	193.2	61.5	0.0
-32.5°	298.6	187.3	61.5	0.0
-35°	292.7	178.6	58.5	0.0
-37.5°	283.9	169.8	58.5	0.0
-40°	275.1	161.0	55.6	0.0
-42.5°	266.4	152.2	52.7	0.0
-45°	254.7	143.4	52.7	0.0
-47.5°	245.9	134.6	49.8	0.0
-50°	231.2	122.9	46.8	0.0
-52.5°	213.7	111.2	43.9	0.0
-55°	196.1	102.4	41.0	0.0
-57.5°	178.6	90.7	41.0	0.0
-60°	161.0	79.0	38.1	0.0
-62.5°	143.4	73.2	35.1	0.0
-65°	125.9	67.3	32.2	0.0
-67.5°	105.4	58.5	29.3	0.0
-70°	87.8	52.7	26.3	0.0
-72.5°	76.1	46.8	23.4	0.0
-75°	64.4	41.0	20.5	0.0
-77.5°	55.6	35.1	17.6	0.0
-80°	43.9	26.3	11.7	0.0
-82.5°	32.2	20.5	8.8	0.0
-85°	20.5	14.6	5.9	0.0
-87.5°	11.7	5.9	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)