

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: P722212

Luminaire Tested: **IFLD-L-SA7B-830-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722212  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-830-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

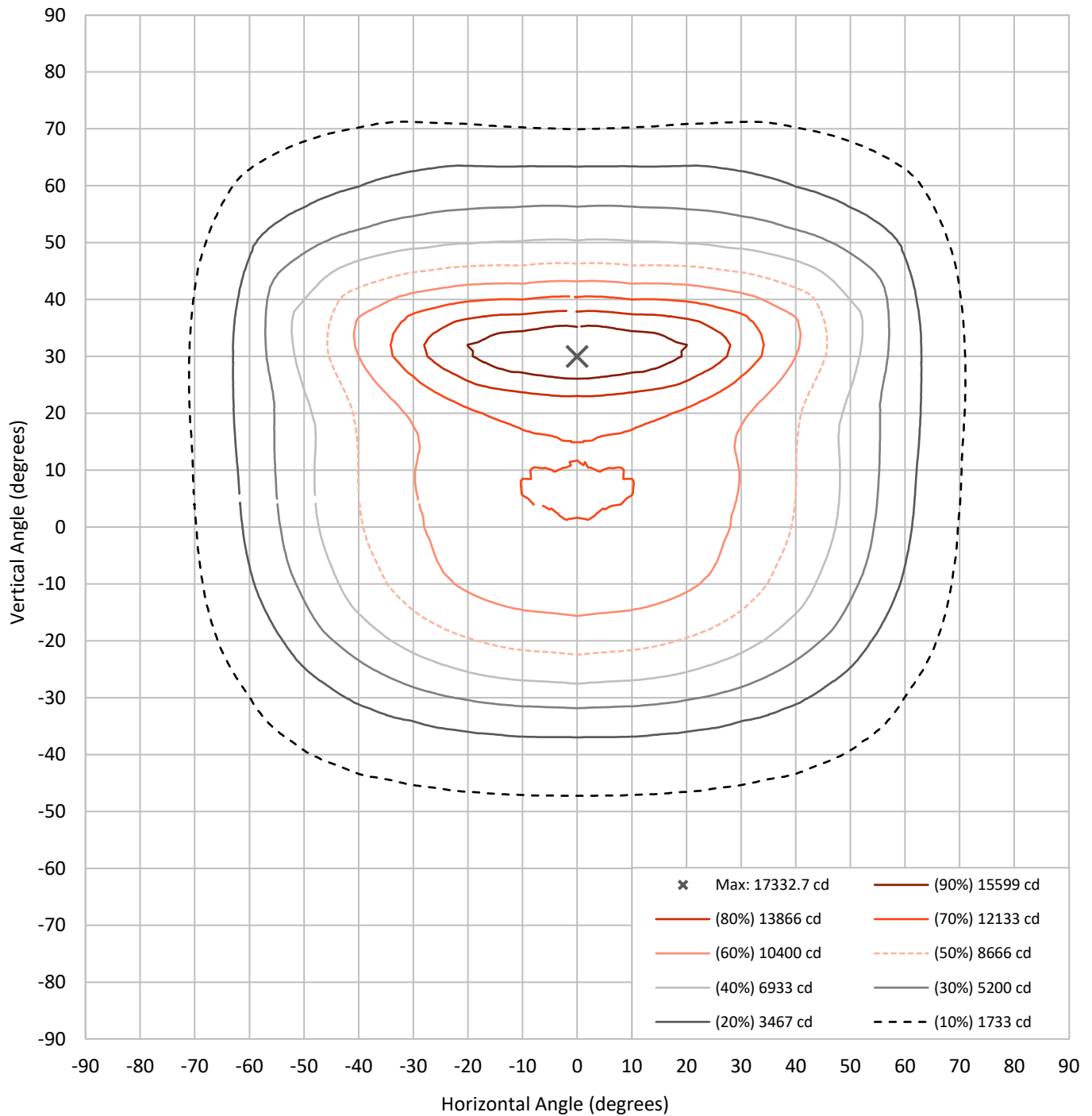
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28932.6 lumens	Max Intensity:	17332.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16824.7 lumens	Field Lumens:	27113.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 281  
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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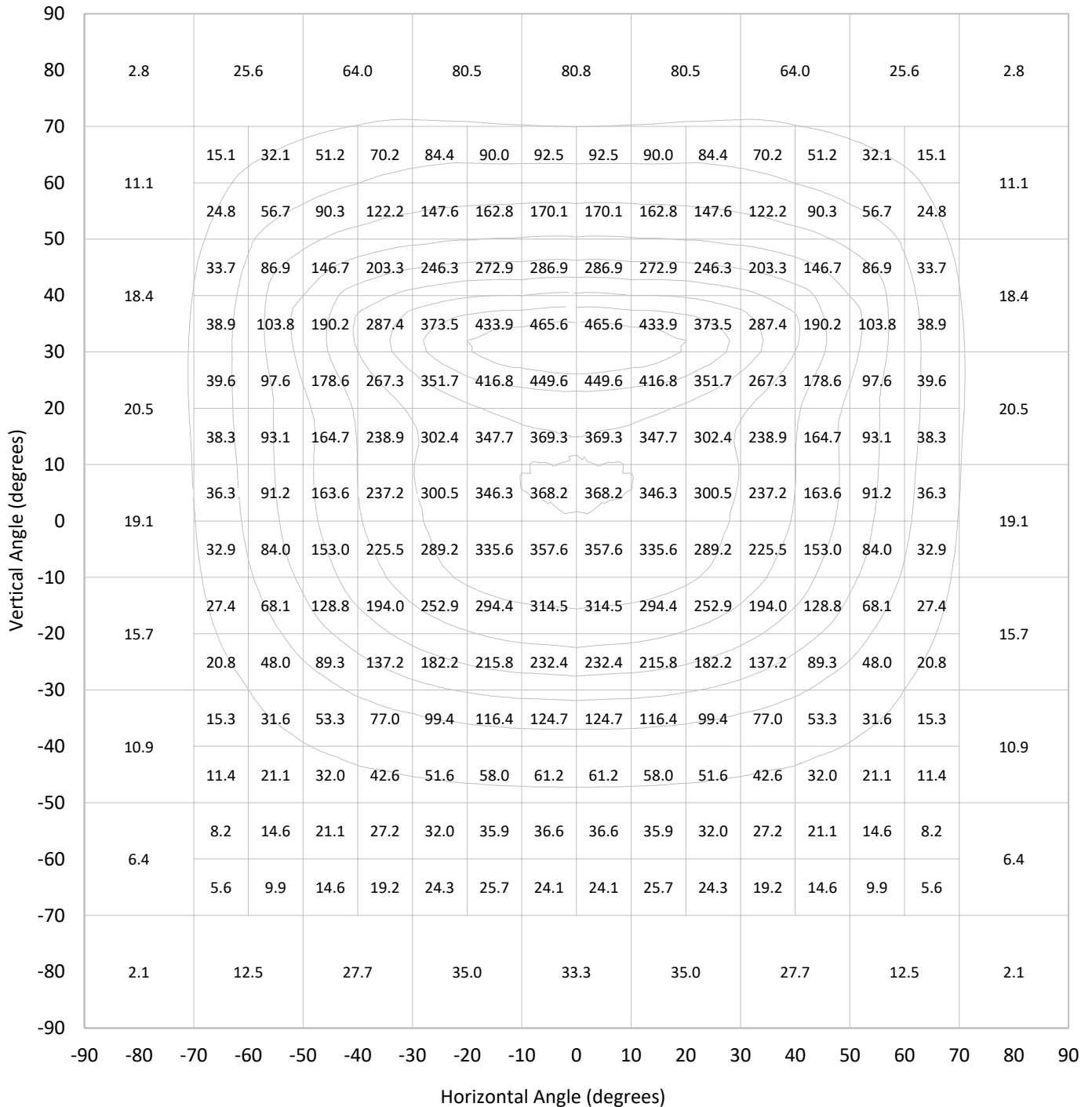
### Iso-Candela Plot





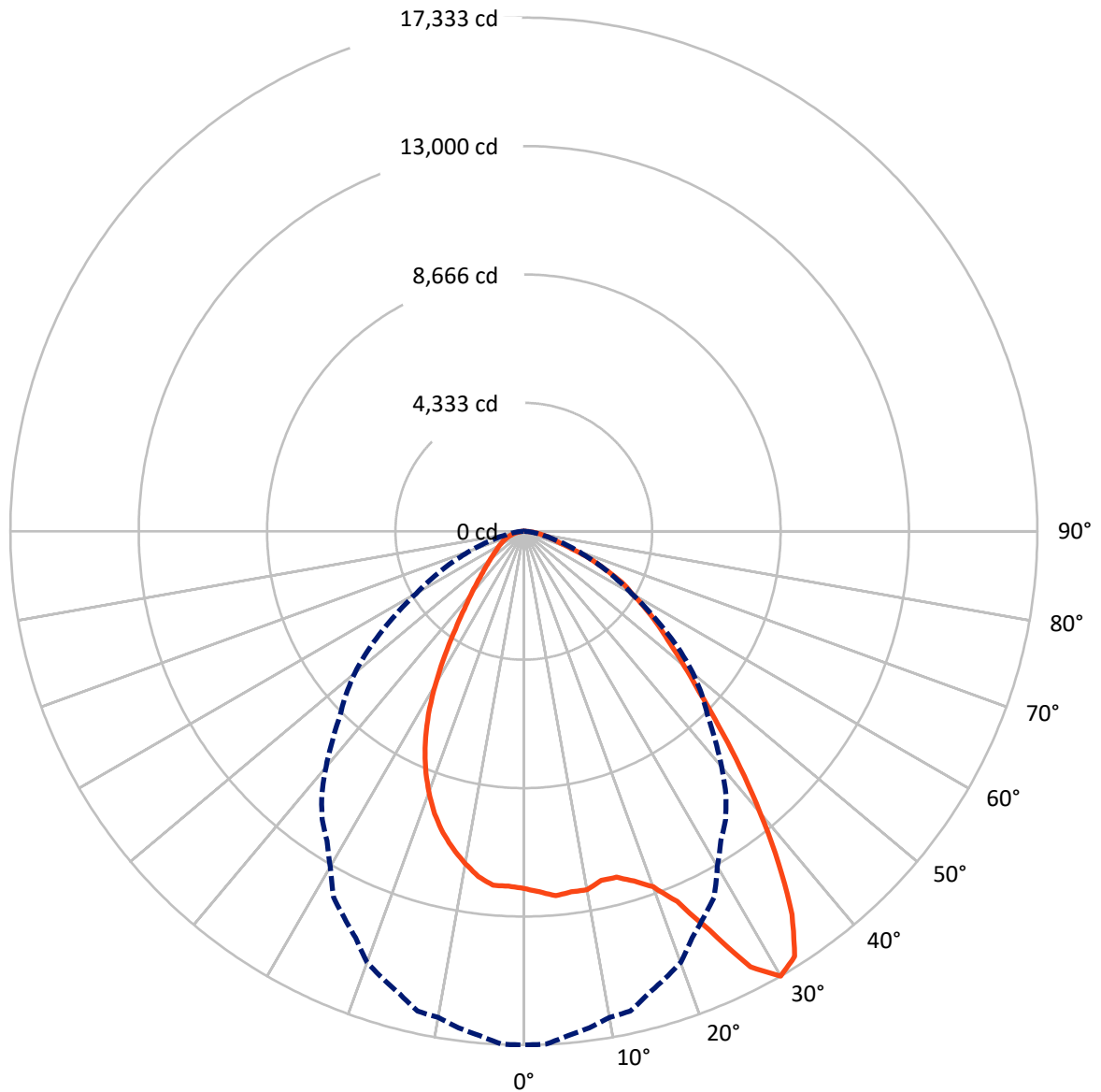
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### Lumen Table



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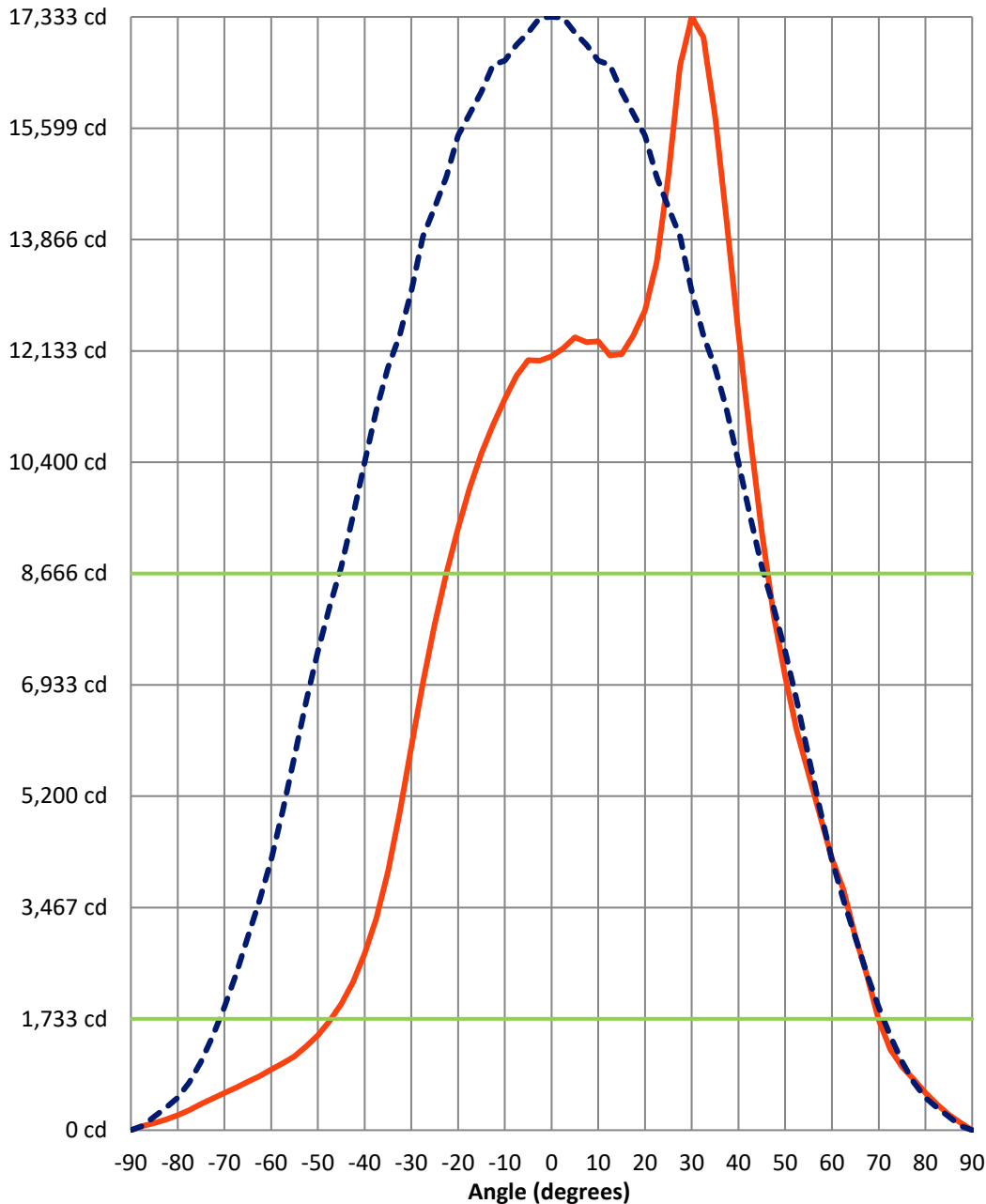
### Luminous Intensity Polar Plot



— 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: 16824.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 27113.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1819  
 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°	116.5	119.5	122.6	122.6	119.5	119.5	119.5	116.5	119.5	119.5	119.5
85°	242.1	248.3	254.4	251.3	248.3	242.1	236.0	239.1	242.1	245.2	245.2
82.5°	401.5	410.7	416.8	413.8	407.6	401.5	395.4	398.5	404.6	407.6	407.6
80°	582.4	585.4	588.5	594.6	585.4	585.4	582.4	594.6	600.7	606.9	613.0
77.5°	790.8	793.8	793.8	796.9	800.0	803.0	803.0	824.5	839.8	849.0	858.2
75°	986.9	996.1	1005.3	1014.5	1026.8	1032.9	1042.1	1072.8	1097.3	1115.7	1134.1
72.5°	1256.7	1268.9	1284.2	1305.7	1327.2	1342.5	1363.9	1400.7	1428.3	1446.7	1468.1
70°	1719.5	1731.7	1747.1	1762.4	1783.8	1799.2	1820.6	1866.6	1894.2	1906.4	1918.7
67.5°	2406.0	2436.7	2464.3	2433.6	2418.3	2396.8	2403.0	2445.9	2473.5	2491.9	2488.8
65°	3016.0	3037.4	3037.4	3034.4	3022.1	2994.5	3009.9	3062.0	3092.6	3107.9	3062.0
62.5°	3733.2	3733.2	3717.9	3742.4	3745.5	3727.1	3717.9	3720.9	3724.0	3733.2	3656.6
60°	4229.7	4260.4	4269.6	4291.0	4297.2	4297.2	4312.5	4324.7	4324.7	4306.4	4217.5
57.5°	4885.6	4943.9	4956.1	4940.8	4910.2	4870.3	4864.2	4845.8	4809.0	4772.2	4729.3
55°	5547.7	5578.3	5575.3	5566.1	5535.4	5489.5	5495.6	5471.1	5412.8	5366.9	5308.6
52.5°	6212.8	6286.4	6298.6	6280.2	6237.3	6188.3	6191.3	6163.8	6105.5	6056.5	5976.8
50°	7061.8	7123.1	7117.0	7086.3	7025.0	6988.3	6991.3	6939.2	6871.8	6856.5	6752.2
47.5°	8033.4	8103.9	8091.7	8048.7	7966.0	7950.7	7966.0	7898.6	7858.7	7825.0	7702.4
45°	9308.5	9391.2	9345.3	9262.5	9130.7	9146.0	9167.5	9155.2	9069.4	8980.5	8824.2
42.5°	10804.2	10856.3	10801.1	10718.4	10552.9	10583.5	10571.3	10497.7	10445.6	10298.5	10099.2
40°	12404.1	12517.6	12431.7	12303.0	12131.4	12177.3	12143.6	12048.6	11926.0	11742.1	11490.8
37.5°	14129.8	14218.6	14120.6	13970.4	13817.1	13801.8	13734.4	13587.2	13412.5	13210.2	12808.7
35°	15781.8	16011.7	15830.8	15591.8	15404.8	15334.3	15269.9	14929.7	14730.5	14402.5	13853.9
32.5°	17010.9	17179.5	16955.7	16707.4	16480.6	16382.5	16155.7	15751.2	15643.9	14954.2	14451.6
30°	17332.7	17320.4	17087.5	16897.5	16652.3	16584.8	16168.0	15824.7	15481.4	14843.9	14365.8
27.5°	16566.4	16489.8	16266.1	16100.6	15858.4	15778.7	15368.0	15184.1	14653.9	14114.4	13709.8
25°	14859.2	14899.1	14730.5	14647.7	14488.4	14316.7	14154.3	13906.0	13575.0	13103.0	12732.1
22.5°	13513.7	13565.8	13495.3	13397.2	13274.6	13179.6	13057.0	12863.9	12545.1	12254.0	11904.5
20°	12765.8	12750.5	12689.2	12615.6	12499.2	12431.7	12296.9	12134.4	11889.2	11637.9	11260.9
17.5°	12373.5	12278.5	12220.2	12192.7	12131.4	12045.5	11886.2	11720.6	11530.6	11245.6	10969.7
15°	12082.3	12097.6	12051.7	12030.2	11981.2	11861.6	11699.2	11564.3	11306.9	11162.8	10911.5
12.5°	12063.9	12048.6	12051.7	12042.5	11981.2	11827.9	11745.2	11573.5	11408.0	11218.0	10929.9
10°	12281.5	12119.1	12131.4	12174.3	12076.2	11953.6	11864.7	11677.7	11521.4	11279.3	10994.2
7.5°	12269.3	12186.5	12211.1	12140.6	12171.2	12021.0	11898.4	11711.5	11515.3	11257.8	11000.4
5°	12342.8	12217.2	12195.7	12201.9	12125.2	12011.8	11846.3	11668.5	11484.6	11196.5	10932.9
2.5°	12174.3	12192.7	12094.6	12057.8	12048.6	11858.6	11705.3	11533.7	11343.6	11089.3	10853.2
0°	12048.6	12082.3	11981.2	11929.1	11926.0	11763.6	11665.5	11469.3	11334.5	11123.0	10837.9
-2.5°	11981.2	12021.0	12033.3	11938.3	11846.3	11720.6	11555.1	11343.6	11123.0	10877.8	10632.6
-5°	11987.3	11907.6	11873.9	11904.5	11824.9	11699.2	11515.3	11328.3	11110.7	10847.1	10540.6
-7.5°	11745.2	11665.5	11659.3	11644.0	11625.6	11506.1	11352.8	11150.6	10929.9	10684.7	10399.6
-10°	11383.5	11325.3	11309.9	11294.6	11245.6	11175.1	11031.0	10847.1	10647.9	10402.7	10099.2
-12.5°	10982.0	10954.4	10896.2	10856.3	10807.3	10724.5	10586.6	10418.0	10218.8	10001.2	9740.6
-15°	10537.5	10485.4	10427.2	10393.5	10323.0	10224.9	10087.0	9930.7	9713.1	9498.5	9253.3
-17.5°	10001.2	9936.8	9872.4	9863.2	9814.2	9664.0	9535.3	9345.3	9155.2	8949.9	8710.8
-20°	9369.8	9280.9	9238.0	9213.5	9146.0	9035.7	8897.8	8723.1	8539.2	8343.0	8067.1



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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°	8670.9	8594.3	8520.8	8474.8	8416.6	8330.7	8198.9	8045.7	7864.8	7644.2	7389.8
-25°	7877.1	7769.8	7723.9	7671.8	7641.1	7561.4	7432.7	7291.7	7104.7	6890.2	6648.0
-27.5°	6969.9	6884.0	6859.5	6786.0	6749.2	6666.4	6559.1	6427.4	6255.7	6053.4	5854.2
-30°	5967.6	5915.5	5875.6	5802.1	5774.5	5685.6	5615.1	5504.8	5348.5	5204.4	5045.0
-32.5°	4937.8	4885.6	4873.4	4839.7	4821.3	4763.0	4683.4	4603.7	4478.0	4370.7	4242.0
-35°	4024.4	3987.6	3990.7	3987.6	3969.2	3926.3	3828.2	3806.8	3714.8	3616.7	3534.0
-37.5°	3294.9	3298.0	3294.9	3291.8	3267.3	3248.9	3178.4	3150.8	3095.7	3000.7	2951.6
-40°	2746.3	2752.4	2749.3	2743.2	2715.6	2706.4	2660.4	2623.7	2602.2	2534.8	2482.7
-42.5°	2301.8	2311.0	2308.0	2304.9	2286.5	2283.4	2258.9	2216.0	2203.8	2163.9	2108.7
-45°	1964.7	1961.6	1955.5	1961.6	1952.4	1943.2	1927.9	1900.3	1885.0	1866.6	1820.6
-47.5°	1698.0	1701.1	1695.0	1695.0	1682.7	1673.5	1667.4	1649.0	1636.7	1621.4	1593.8
-50°	1477.3	1489.6	1486.5	1483.5	1474.3	1468.1	1468.1	1449.8	1431.4	1425.2	1406.8
-52.5°	1305.7	1314.9	1318.0	1324.1	1327.2	1330.2	1321.0	1302.6	1272.0	1268.9	1259.7
-55°	1149.4	1177.0	1195.4	1207.6	1219.9	1229.1	1210.7	1186.2	1155.5	1143.3	1140.2
-57.5°	1042.1	1069.7	1091.1	1109.5	1124.9	1140.2	1121.8	1097.3	1069.7	1054.4	1051.3
-60°	944.0	968.5	990.0	1014.5	1036.0	1060.5	1051.3	1032.9	1017.6	1005.3	993.1
-62.5°	839.8	864.3	888.9	919.5	947.1	971.6	974.7	971.6	968.5	971.6	950.2
-65°	754.0	766.3	781.6	815.3	845.9	873.5	888.9	898.1	913.4	928.7	907.2
-67.5°	662.0	677.4	695.8	720.3	744.8	763.2	784.6	809.2	833.7	858.2	842.9
-70°	579.3	591.5	606.9	619.1	634.5	646.7	665.1	692.7	720.3	744.8	738.7
-72.5°	493.5	505.7	514.9	521.1	530.2	536.4	545.6	570.1	588.5	600.7	600.7
-75°	407.6	419.9	429.1	432.2	438.3	441.4	447.5	456.7	465.9	468.9	472.0
-77.5°	312.6	324.9	334.1	340.2	346.3	352.5	355.5	361.7	364.7	364.7	367.8
-80°	232.9	242.1	248.3	257.5	260.5	266.7	272.8	275.9	278.9	278.9	282.0
-82.5°	165.5	171.6	177.8	183.9	190.0	193.1	199.2	202.3	205.4	208.4	211.5
-85°	110.3	116.5	122.6	128.7	131.8	134.9	137.9	141.0	144.1	147.1	150.2
-87.5°	64.4	67.4	70.5	76.6	79.7	85.8	88.9	85.8	88.9	88.9	88.9
-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°	119.5	119.5	119.5	119.5	116.5	110.3	107.3	101.1	95.0	88.9	82.8
85°	248.3	251.3	251.3	251.3	245.2	242.1	232.9	223.7	211.5	193.1	177.8
82.5°	413.8	416.8	416.8	413.8	407.6	398.5	386.2	370.9	346.3	321.8	300.4
80°	622.2	625.3	625.3	622.2	606.9	591.5	576.2	557.8	527.2	493.5	456.7
77.5°	870.5	876.6	876.6	867.4	845.9	827.6	803.0	772.4	726.4	677.4	628.3
75°	1158.6	1173.9	1177.0	1167.8	1140.2	1106.5	1066.6	1014.5	944.0	882.7	824.5
72.5°	1492.7	1508.0	1520.3	1508.0	1468.1	1422.2	1363.9	1302.6	1232.1	1149.4	1051.3
70°	1931.0	1946.3	1955.5	1915.6	1845.1	1768.5	1698.0	1627.5	1544.8	1443.6	1336.3
67.5°	2482.7	2467.3	2449.0	2369.3	2280.4	2188.4	2090.3	1986.1	1878.9	1771.6	1645.9
65°	3012.9	2970.0	2930.2	2835.1	2721.7	2602.2	2488.8	2372.3	2243.6	2108.7	1989.2
62.5°	3570.8	3478.8	3380.7	3264.2	3147.8	3016.0	2902.6	2764.7	2620.6	2455.1	2301.8
60°	4119.4	4009.0	3911.0	3766.9	3613.7	3435.9	3313.3	3178.4	3009.9	2832.1	2651.2
57.5°	4649.6	4530.1	4422.8	4297.2	4131.7	3938.6	3803.7	3629.0	3451.2	3227.5	3043.6
55°	5213.6	5094.1	5008.2	4867.3	4686.4	4508.6	4361.5	4177.6	3929.4	3690.3	3463.5
52.5°	5860.3	5765.3	5673.4	5529.3	5311.7	5130.8	4968.4	4763.0	4502.5	4208.3	3935.5
50°	6583.7	6534.6	6436.5	6268.0	6019.7	5860.3	5645.8	5373.0	5094.1	4784.5	4444.3
47.5°	7543.0	7463.3	7325.4	7141.5	6933.1	6694.0	6405.9	6087.1	5691.7	5348.5	4986.8
45°	8689.3	8542.2	8364.4	8116.2	7858.7	7589.0	7273.3	6868.7	6338.5	5891.0	5510.9
42.5°	9930.7	9731.4	9489.3	9164.4	8830.3	8499.3	8159.1	7607.4	6945.3	6430.4	6001.3
40°	11227.2	10972.8	10669.3	10197.3	9826.5	9400.4	9011.2	8186.7	7481.7	6923.9	6467.2
37.5°	12496.1	12174.3	11665.5	11092.3	10660.1	10310.7	9455.6	8572.9	7941.5	7328.5	6865.7
35°	13467.7	13194.9	12296.9	11702.3	11331.4	10779.7	9710.0	8805.8	8137.6	7628.8	6908.6
32.5°	14043.9	13339.0	12551.3	11950.5	11644.0	10739.8	9728.4	8873.2	8229.6	7659.5	6798.2
30°	13915.2	13063.1	12373.5	11870.8	11205.7	10393.5	9556.7	8769.0	8143.8	7454.1	6675.6
27.5°	13139.8	12480.8	11864.7	11340.6	10687.7	9958.3	9185.9	8493.2	7910.8	7242.6	6507.0
25°	12263.2	11665.5	11208.8	10752.1	10133.0	9437.2	8756.8	8257.2	7671.8	7012.8	6286.4
22.5°	11457.1	11028.0	10669.3	10191.2	9587.4	8980.5	8557.5	8039.6	7438.8	6770.6	6059.5
20°	10942.1	10651.0	10240.2	9713.1	9238.0	8857.9	8389.0	7840.3	7221.2	6522.4	5866.5
17.5°	10693.9	10356.7	9900.0	9556.7	9192.0	8775.2	8251.0	7668.7	7009.7	6409.0	5887.9
15°	10565.1	10209.6	9909.2	9572.1	9161.4	8723.1	8140.7	7536.9	7009.7	6454.9	5903.2
12.5°	10592.7	10286.2	9958.3	9590.5	9149.1	8680.1	8153.0	7592.1	7046.5	6488.7	5906.3
10°	10678.5	10356.7	10007.3	9599.7	9155.2	8692.4	8186.7	7625.8	7064.9	6504.0	5900.2
7.5°	10709.2	10359.8	9985.8	9575.1	9139.9	8686.3	8192.8	7635.0	7067.9	6500.9	5881.8
5°	10614.2	10298.5	9936.8	9523.0	9097.0	8655.6	8168.3	7622.7	7043.4	6470.3	5835.8
2.5°	10485.4	10231.0	9884.7	9486.2	9054.1	8612.7	8128.4	7567.5	6988.3	6415.1	5777.6
0°	10464.0	10148.3	9798.9	9443.3	8983.6	8517.7	8036.5	7463.3	6887.1	6310.9	5676.4
-2.5°	10323.0	9988.9	9639.5	9253.3	8848.7	8379.8	7874.0	7313.1	6743.0	6176.0	5566.1
-5°	10215.7	9844.9	9474.0	9057.1	8649.5	8180.5	7656.4	7110.9	6553.0	6001.3	5412.8
-7.5°	10071.7	9691.6	9302.3	8867.1	8425.7	7947.6	7429.6	6884.0	6335.4	5786.8	5222.8
-10°	9780.5	9446.4	9081.7	8631.1	8165.2	7687.1	7172.2	6635.8	6087.1	5532.4	4965.3
-12.5°	9428.0	9075.5	8677.1	8263.3	7846.5	7402.0	6887.1	6359.9	5808.2	5250.4	4686.4
-15°	8971.3	8625.0	8217.3	7812.7	7411.2	6985.2	6531.6	6056.5	5495.6	4946.9	4383.0
-17.5°	8401.2	8076.3	7711.6	7325.4	6927.0	6497.8	6056.5	5655.0	5130.8	4615.9	4058.1
-20°	7788.2	7484.8	7156.8	6792.1	6393.6	5973.7	5556.9	5137.0	4683.4	4229.7	3711.7



REPORT NUMBER: P722212

CATALOG NUMBER: IFLD-L-SA7B-830-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7150.7	6844.2	6513.2	6173.0	5805.2	5415.9	5029.7	4628.2	4229.7	3819.0	3380.7
-25°	6415.1	6145.4	5841.9	5510.9	5183.0	4842.7	4474.9	4110.2	3770.0	3414.4	3055.8
-27.5°	5645.8	5397.5	5121.7	4833.5	4551.6	4266.5	3947.7	3610.6	3328.6	3034.4	2737.1
-30°	4836.6	4637.4	4413.6	4162.3	3944.7	3714.8	3448.2	3169.2	2911.8	2688.0	2449.0
-32.5°	4070.4	3901.8	3742.4	3576.9	3362.3	3184.6	3000.7	2795.3	2568.5	2357.0	2185.4
-35°	3411.4	3230.5	3163.1	3040.5	2887.3	2730.9	2596.1	2449.0	2277.3	2090.3	1949.4
-37.5°	2856.6	2749.3	2654.3	2586.9	2485.7	2360.1	2252.8	2145.5	2013.7	1872.7	1731.7
-40°	2424.4	2350.9	2246.7	2212.9	2148.6	2062.8	1952.4	1869.7	1780.8	1673.5	1554.0
-42.5°	2078.1	2022.9	1955.5	1897.2	1869.7	1808.4	1722.5	1642.9	1572.4	1498.8	1406.8
-45°	1793.0	1756.3	1713.3	1661.2	1639.8	1590.7	1529.4	1440.6	1400.7	1339.4	1272.0
-47.5°	1563.2	1544.8	1514.1	1480.4	1449.8	1413.0	1357.8	1302.6	1247.5	1207.6	1155.5
-50°	1382.3	1370.1	1351.7	1324.1	1284.2	1259.7	1222.9	1173.9	1121.8	1088.1	1051.3
-52.5°	1238.3	1226.0	1213.7	1192.3	1161.6	1137.1	1106.5	1066.6	1023.7	990.0	959.4
-55°	1127.9	1109.5	1100.3	1082.0	1057.4	1029.8	1002.3	974.7	937.9	907.2	876.6
-57.5°	1042.1	1017.6	1005.3	990.0	965.5	937.9	916.4	888.9	864.3	830.6	803.0
-60°	974.7	947.1	922.6	907.2	885.8	858.2	836.8	815.3	790.8	763.2	729.5
-62.5°	919.5	885.8	852.1	833.7	812.2	787.7	766.3	744.8	720.3	692.7	662.0
-65°	867.4	827.6	784.6	766.3	744.8	720.3	692.7	677.4	655.9	631.4	600.7
-67.5°	803.0	760.1	723.3	701.9	680.4	659.0	634.5	619.1	597.7	567.0	536.4
-70°	708.0	680.4	655.9	637.5	619.1	600.7	576.2	551.7	527.2	499.6	472.0
-72.5°	588.5	579.3	576.2	567.0	545.6	524.1	499.6	475.1	453.6	432.2	410.7
-75°	475.1	481.2	487.3	484.3	462.8	441.4	419.9	398.5	383.1	364.7	346.3
-77.5°	377.0	383.1	389.3	389.3	373.9	361.7	346.3	331.0	318.8	303.4	285.0
-80°	291.2	300.4	309.6	315.7	303.4	294.2	282.0	269.7	257.5	245.2	232.9
-82.5°	220.7	229.9	239.1	245.2	236.0	229.9	220.7	211.5	202.3	190.0	180.8
-85°	159.4	165.5	171.6	174.7	168.6	162.4	156.3	150.2	144.1	134.9	128.7
-87.5°	92.0	95.0	98.1	101.1	95.0	88.9	85.8	79.7	76.6	70.5	67.4
-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: P722212  
 CATALOG NUMBER: IFLD-L-SA7B-830-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°	76.6	70.5	64.4	61.3	55.2	46.0	39.8	33.7	27.6	21.5	18.4
85°	162.4	147.1	128.7	119.5	107.3	95.0	82.8	70.5	58.2	46.0	33.7
82.5°	278.9	260.5	242.1	220.7	193.1	159.4	125.7	104.2	85.8	67.4	52.1
80°	419.9	386.2	355.5	328.0	297.3	254.4	208.4	165.5	116.5	88.9	67.4
77.5°	582.4	542.5	499.6	453.6	404.6	346.3	294.2	239.1	180.8	122.6	85.8
75°	766.3	714.2	655.9	591.5	527.2	450.6	377.0	312.6	245.2	171.6	104.2
72.5°	971.6	907.2	836.8	750.9	649.8	560.9	472.0	386.2	306.5	217.6	141.0
70°	1235.2	1134.1	1029.8	937.9	809.2	668.2	564.0	465.9	364.7	266.7	177.8
67.5°	1517.2	1394.6	1268.9	1134.1	971.6	806.1	655.9	545.6	426.0	312.6	211.5
65°	1823.7	1670.4	1511.1	1360.9	1137.1	941.0	772.4	622.2	484.3	355.5	245.2
62.5°	2139.4	1958.5	1774.6	1578.5	1321.0	1078.9	882.7	708.0	539.4	395.4	275.9
60°	2476.5	2265.1	2041.3	1796.1	1495.7	1229.1	986.9	796.9	597.7	435.2	309.6
57.5°	2832.1	2602.2	2338.6	2007.6	1676.6	1373.1	1106.5	876.6	649.8	472.0	334.1
55°	3218.3	2954.7	2666.6	2228.3	1854.3	1517.2	1226.0	956.3	705.0	502.7	358.6
52.5°	3635.1	3328.6	2963.9	2461.2	2041.3	1664.3	1336.3	1026.8	757.1	536.4	380.1
50°	4101.0	3714.8	3224.4	2675.8	2203.8	1802.2	1446.7	1103.4	800.0	573.2	398.5
47.5°	4585.3	4168.4	3457.3	2875.0	2369.3	1937.1	1560.1	1170.8	842.9	603.8	416.8
45°	5091.0	4484.1	3699.5	3052.8	2513.3	2059.7	1645.9	1232.1	895.0	631.4	432.2
42.5°	5590.6	4723.2	3911.0	3230.5	2648.2	2170.0	1716.4	1290.4	937.9	659.0	447.5
40°	5826.6	4904.0	4079.5	3353.1	2761.6	2268.1	1777.7	1342.5	974.7	677.4	462.8
37.5°	5924.7	5014.4	4189.9	3469.6	2850.5	2320.2	1829.8	1388.5	1005.3	695.8	475.1
35°	5946.1	5054.2	4245.1	3549.3	2924.0	2369.3	1869.7	1422.2	1029.8	714.2	487.3
32.5°	5906.3	5042.0	4260.4	3576.9	2970.0	2406.0	1897.2	1446.7	1048.2	732.5	499.6
30°	5817.4	4977.6	4205.2	3573.8	3003.7	2427.5	1915.6	1465.1	1066.6	744.8	505.7
27.5°	5673.4	4864.2	4134.7	3576.9	3022.1	2436.7	1924.8	1474.3	1078.9	754.0	518.0
25°	5495.6	4710.9	4137.8	3570.8	3025.2	2439.8	1924.8	1474.3	1082.0	757.1	527.2
22.5°	5290.2	4710.9	4137.8	3561.6	3006.8	2433.6	1915.6	1468.1	1082.0	763.2	536.4
20°	5302.5	4714.0	4128.6	3543.2	2979.2	2415.2	1894.2	1452.8	1072.8	772.4	542.5
17.5°	5311.7	4707.9	4110.2	3518.6	2942.4	2384.6	1866.6	1431.4	1072.8	781.6	545.6
15°	5311.7	4689.5	4082.6	3481.9	2896.4	2341.7	1826.8	1413.0	1075.8	784.6	551.7
12.5°	5302.5	4655.8	4039.7	3432.8	2841.3	2289.6	1802.2	1406.8	1075.8	787.7	551.7
10°	5284.1	4609.8	3984.5	3371.5	2789.2	2271.2	1790.0	1394.6	1069.7	787.7	551.7
7.5°	5250.4	4554.6	3938.6	3334.7	2758.5	2249.7	1771.6	1376.2	1060.5	781.6	557.8
5°	5198.3	4524.0	3901.8	3291.8	2715.6	2234.4	1759.3	1360.9	1054.4	781.6	551.7
2.5°	5130.8	4487.2	3858.9	3236.7	2666.6	2182.3	1719.5	1327.2	1032.9	769.3	545.6
0°	5020.5	4413.6	3785.3	3160.0	2599.1	2130.2	1679.6	1293.4	1011.5	757.1	539.4
-2.5°	4919.4	4315.6	3690.3	3080.3	2534.8	2084.2	1649.0	1275.0	1002.3	754.0	536.4
-5°	4778.4	4180.7	3564.6	2976.1	2449.0	2038.2	1618.3	1253.6	993.1	747.9	536.4
-7.5°	4622.1	4039.7	3432.8	2868.9	2363.1	1958.5	1560.1	1219.9	971.6	735.6	533.3
-10°	4379.9	3828.2	3267.3	2746.3	2271.2	1888.1	1511.1	1189.2	953.2	723.3	521.1
-12.5°	4122.5	3595.3	3077.3	2596.1	2167.0	1814.5	1455.9	1155.5	931.8	711.1	514.9
-15°	3849.7	3356.2	2878.1	2439.8	2053.6	1725.6	1397.7	1118.7	910.3	695.8	505.7
-17.5°	3564.6	3104.9	2672.7	2280.4	1940.2	1633.7	1336.3	1085.0	885.8	680.4	496.5
-20°	3264.2	2847.4	2464.3	2117.9	1820.6	1541.7	1272.0	1045.2	858.2	662.0	484.3



REPORT NUMBER: P722212

CATALOG NUMBER: IFLD-L-SA7B-830-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2966.9	2593.0	2249.7	1958.5	1698.0	1446.7	1207.6	1005.3	827.6	640.6	475.1
-25°	2703.3	2353.9	2059.7	1805.3	1578.5	1354.7	1140.2	965.5	793.8	619.1	462.8
-27.5°	2445.9	2148.6	1872.7	1661.2	1462.0	1265.9	1075.8	922.6	760.1	594.6	450.6
-30°	2206.8	1952.4	1725.6	1520.3	1351.7	1186.2	1020.7	879.7	723.3	570.1	435.2
-32.5°	1989.2	1783.8	1593.8	1397.7	1247.5	1106.5	968.5	836.8	686.6	545.6	419.9
-35°	1786.9	1627.5	1462.0	1296.5	1143.3	1032.9	913.4	790.8	652.8	518.0	404.6
-37.5°	1606.1	1477.3	1345.5	1204.6	1072.8	962.4	861.3	744.8	619.1	493.5	389.3
-40°	1449.8	1345.5	1229.1	1115.7	1005.3	901.1	809.2	698.8	585.4	475.1	373.9
-42.5°	1305.7	1226.0	1131.0	1036.0	937.9	845.9	757.1	649.8	551.7	453.6	358.6
-45°	1195.4	1115.7	1039.0	953.2	870.5	790.8	701.9	606.9	521.1	429.1	343.3
-47.5°	1091.1	1020.7	950.2	879.7	812.2	738.7	649.8	570.1	487.3	407.6	331.0
-50°	999.2	931.8	870.5	809.2	750.9	680.4	597.7	533.3	459.8	386.2	315.7
-52.5°	913.4	855.1	793.8	744.8	695.8	625.3	557.8	496.5	432.2	361.7	300.4
-55°	836.8	781.6	726.4	680.4	634.5	573.2	518.0	465.9	404.6	343.3	285.0
-57.5°	763.2	717.2	665.1	622.2	576.2	527.2	481.2	432.2	377.0	324.9	269.7
-60°	695.8	652.8	606.9	564.0	524.1	484.3	441.4	401.5	352.5	303.4	254.4
-62.5°	628.3	591.5	551.7	508.8	478.1	441.4	407.6	367.8	328.0	285.0	226.8
-65°	567.0	533.3	496.5	459.8	432.2	404.6	373.9	337.2	303.4	263.6	202.3
-67.5°	505.7	475.1	444.4	413.8	389.3	367.8	337.2	309.6	282.0	239.1	177.8
-70°	447.5	423.0	395.4	370.9	352.5	328.0	306.5	282.0	257.5	208.4	150.2
-72.5°	392.3	367.8	346.3	328.0	312.6	291.2	272.8	254.4	220.7	174.7	125.7
-75°	328.0	312.6	300.4	285.0	269.7	254.4	239.1	217.6	183.9	141.0	98.1
-77.5°	269.7	260.5	251.3	239.1	226.8	214.6	196.2	174.7	147.1	110.3	79.7
-80°	220.7	211.5	205.4	193.1	183.9	171.6	153.3	134.9	107.3	85.8	64.4
-82.5°	168.6	162.4	156.3	150.2	141.0	128.7	110.3	95.0	79.7	64.4	49.0
-85°	119.5	116.5	110.3	104.2	95.0	85.8	73.6	64.4	55.2	42.9	33.7
-87.5°	61.3	58.2	55.2	52.1	49.0	42.9	36.8	30.7	27.6	21.5	15.3
-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: P722212  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.3	9.2	3.1	0.0
85°	24.5	15.3	6.1	0.0
82.5°	36.8	24.5	9.2	0.0
80°	49.0	30.7	15.3	0.0
77.5°	61.3	36.8	18.4	0.0
75°	73.6	46.0	21.5	0.0
72.5°	82.8	52.1	24.5	0.0
70°	98.1	61.3	27.6	0.0
67.5°	122.6	67.4	30.7	0.0
65°	144.1	73.6	33.7	0.0
62.5°	168.6	79.7	36.8	0.0
60°	190.0	85.8	39.8	0.0
57.5°	211.5	101.1	42.9	0.0
55°	229.9	113.4	46.0	0.0
52.5°	251.3	125.7	49.0	0.0
50°	269.7	137.9	52.1	0.0
47.5°	285.0	150.2	52.1	0.0
45°	297.3	159.4	55.2	0.0
42.5°	306.5	168.6	58.2	0.0
40°	315.7	177.8	61.3	0.0
37.5°	324.9	187.0	61.3	0.0
35°	334.1	196.2	64.4	0.0
32.5°	343.3	205.4	64.4	0.0
30°	349.4	211.5	67.4	0.0
27.5°	358.6	217.6	67.4	0.0
25°	361.7	223.7	70.5	0.0
22.5°	367.8	226.8	70.5	0.0
20°	373.9	232.9	70.5	0.0
17.5°	377.0	236.0	73.6	0.0
15°	377.0	239.1	76.6	0.0
12.5°	380.1	242.1	76.6	0.0
10°	380.1	248.3	73.6	0.0
7.5°	386.2	245.2	73.6	0.0
5°	383.1	245.2	73.6	0.0
2.5°	380.1	242.1	73.6	0.0
0°	377.0	242.1	73.6	0.0
-2.5°	377.0	242.1	73.6	0.0
-5°	377.0	242.1	73.6	0.0
-7.5°	373.9	245.2	73.6	0.0
-10°	367.8	245.2	73.6	0.0
-12.5°	364.7	236.0	73.6	0.0
-15°	361.7	232.9	73.6	0.0
-17.5°	355.5	229.9	70.5	0.0
-20°	349.4	226.8	70.5	0.0



REPORT NUMBER: P722212

CATALOG NUMBER: IFLD-L-SA7B-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	343.3	220.7	70.5	0.0
-25°	337.2	214.6	67.4	0.0
-27.5°	331.0	208.4	67.4	0.0
-30°	321.8	202.3	64.4	0.0
-32.5°	312.6	196.2	64.4	0.0
-35°	306.5	187.0	61.3	0.0
-37.5°	297.3	177.8	61.3	0.0
-40°	288.1	168.6	58.2	0.0
-42.5°	278.9	159.4	55.2	0.0
-45°	266.7	150.2	55.2	0.0
-47.5°	257.5	141.0	52.1	0.0
-50°	242.1	128.7	49.0	0.0
-52.5°	223.7	116.5	46.0	0.0
-55°	205.4	107.3	42.9	0.0
-57.5°	187.0	95.0	42.9	0.0
-60°	168.6	82.8	39.8	0.0
-62.5°	150.2	76.6	36.8	0.0
-65°	131.8	70.5	33.7	0.0
-67.5°	110.3	61.3	30.7	0.0
-70°	92.0	55.2	27.6	0.0
-72.5°	79.7	49.0	24.5	0.0
-75°	67.4	42.9	21.5	0.0
-77.5°	58.2	36.8	18.4	0.0
-80°	46.0	27.6	12.3	0.0
-82.5°	33.7	21.5	9.2	0.0
-85°	21.5	15.3	6.1	0.0
-87.5°	12.3	6.1	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)