

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: P722043

Luminaire Tested: **IFLD-L-SA8B-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722043  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

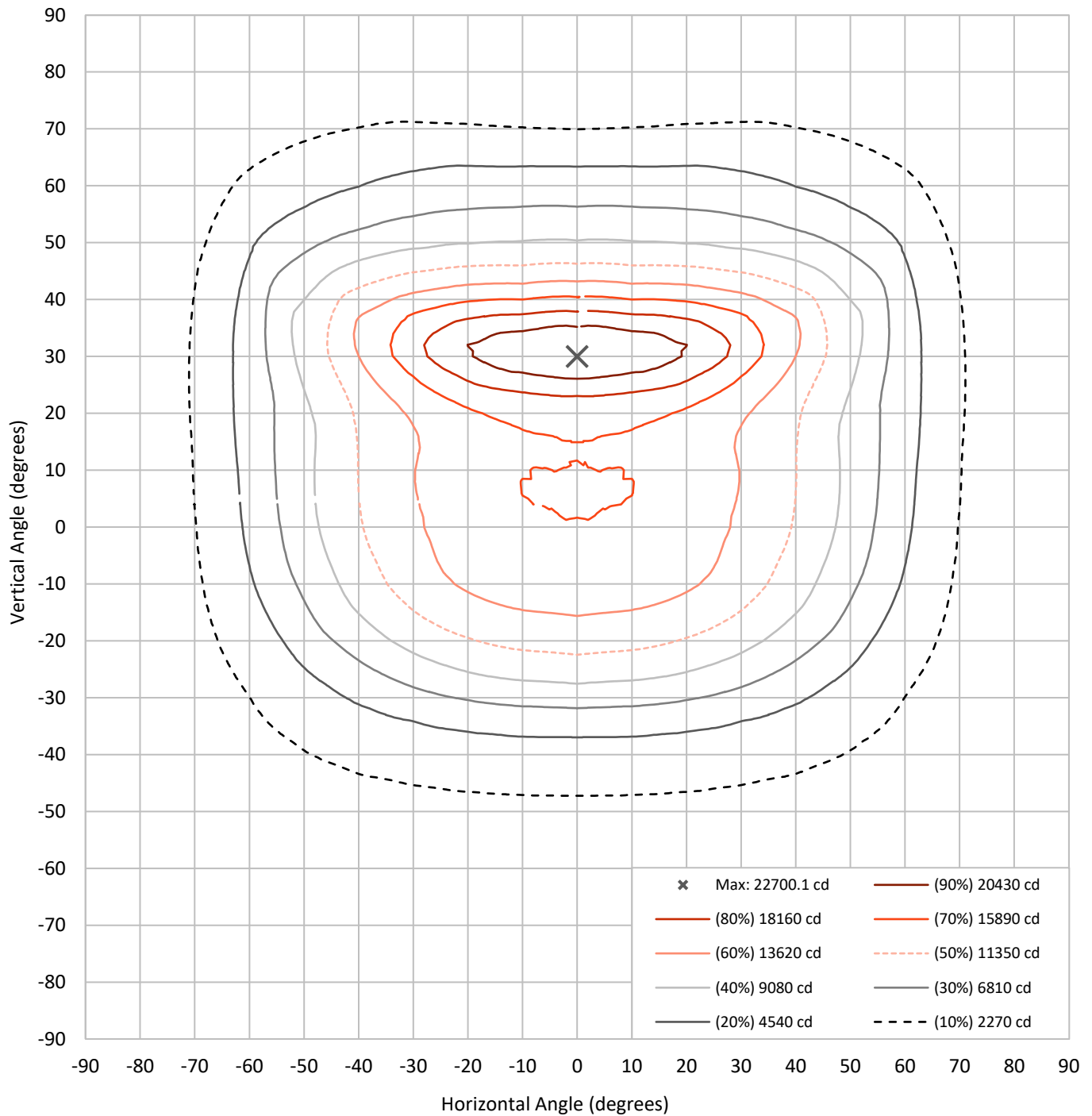
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	37892.2 lumens	Max Intensity:	22700.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22034.8 lumens	Field Lumens:	35509.9 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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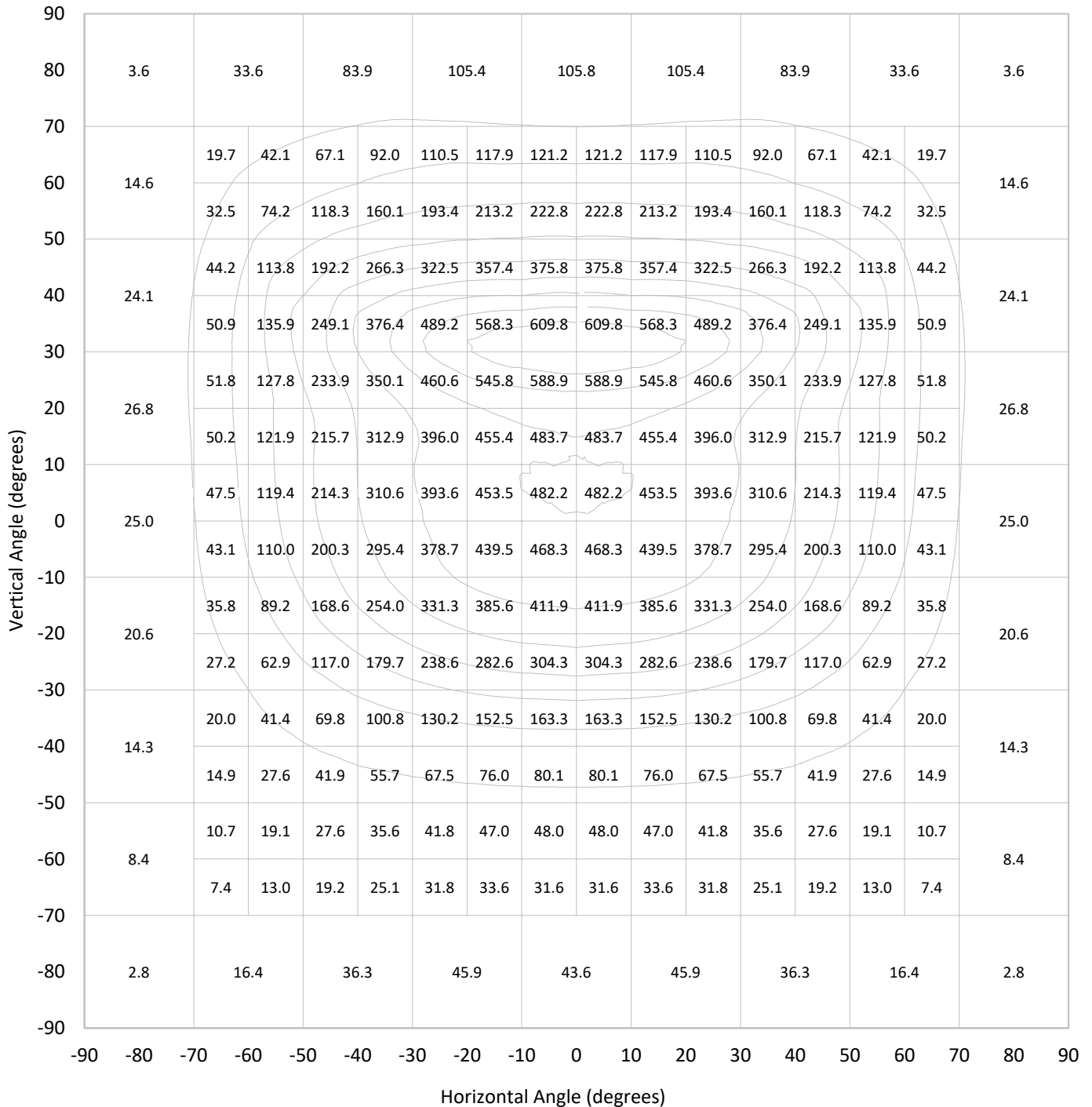
### Iso-Candela Plot





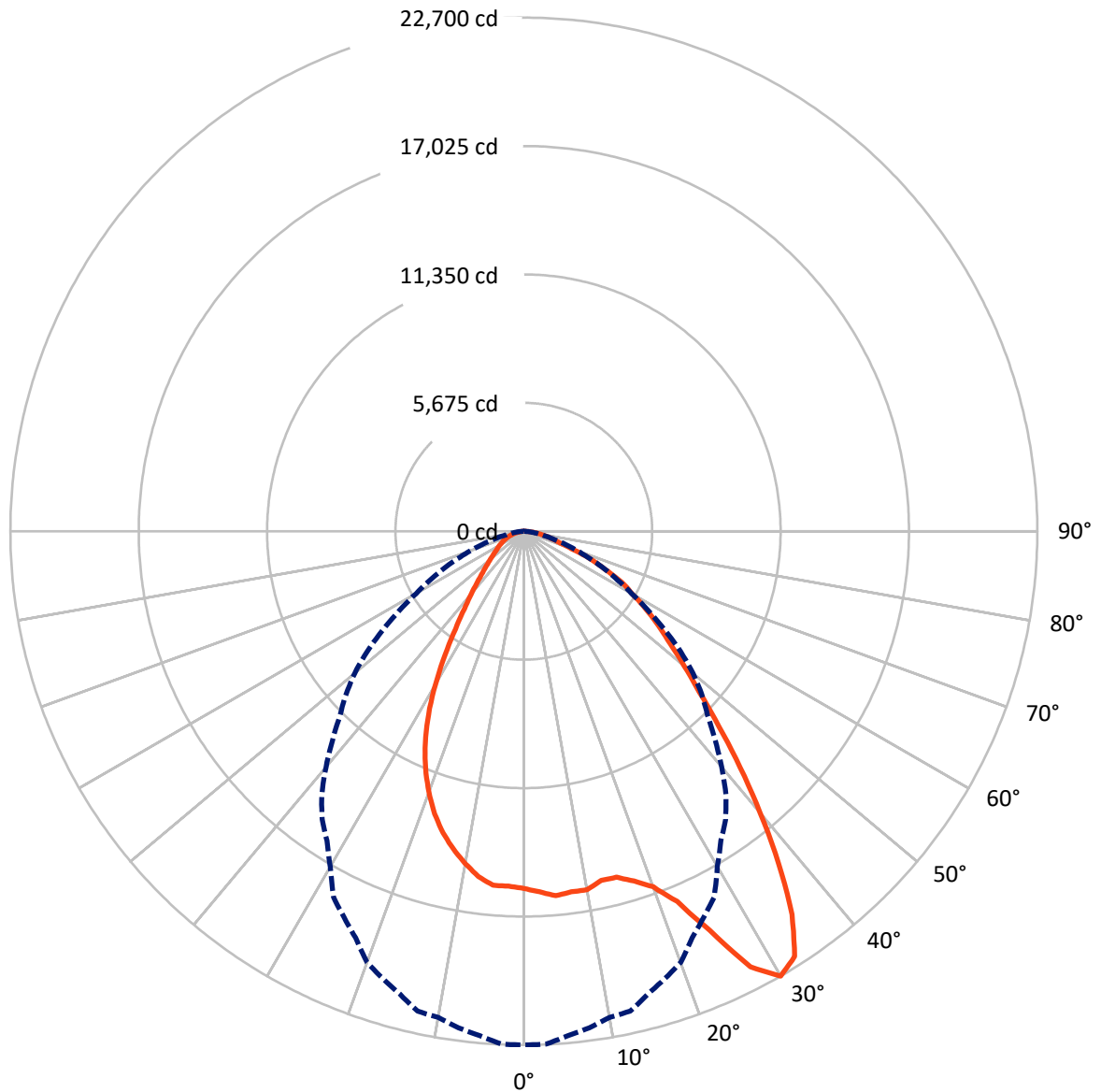
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### Lumen Table



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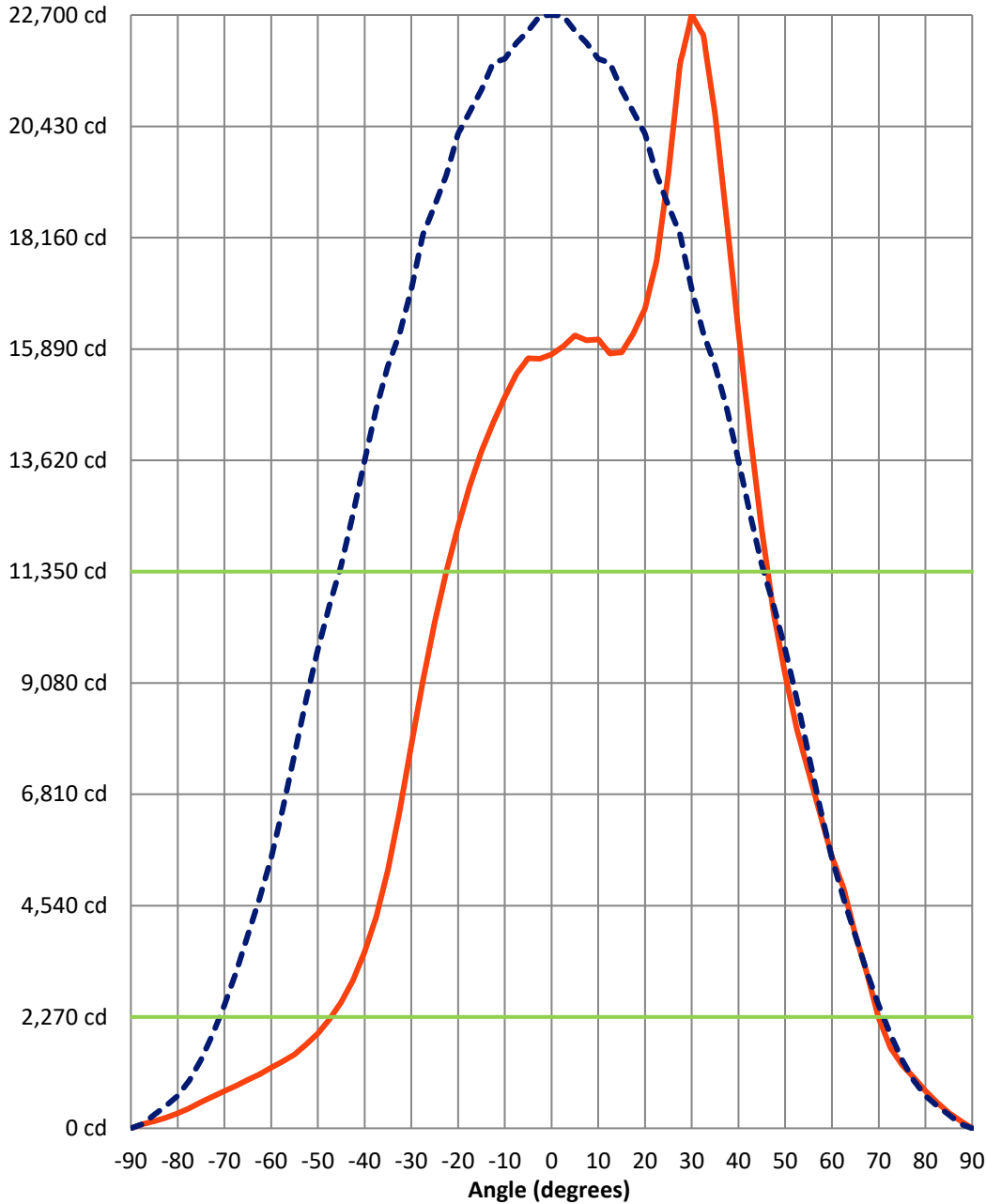
### Luminous Intensity Polar Plot



— 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: 22034.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 35509.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2382.3  
 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°	152.5	156.6	160.6	160.6	156.6	156.6	156.6	152.5	156.6	156.6	156.6
85°	317.1	325.1	333.2	329.2	325.1	317.1	309.1	313.1	317.1	321.1	321.1
82.5°	525.9	537.9	545.9	541.9	533.9	525.9	517.8	521.8	529.9	533.9	533.9
80°	762.7	766.7	770.7	778.7	766.7	766.7	762.7	778.7	786.8	794.8	802.8
77.5°	1035.7	1039.7	1039.7	1043.7	1047.7	1051.7	1051.7	1079.8	1099.9	1111.9	1124.0
75°	1292.6	1304.6	1316.6	1328.7	1344.7	1352.8	1364.8	1405.0	1437.1	1461.2	1485.2
72.5°	1645.8	1661.9	1681.9	1710.0	1738.1	1758.2	1786.3	1834.5	1870.6	1894.7	1922.8
70°	2251.9	2268.0	2288.1	2308.1	2336.2	2356.3	2384.4	2444.6	2480.8	2496.8	2512.9
67.5°	3151.1	3191.3	3227.4	3187.3	3167.2	3139.1	3147.1	3203.3	3239.4	3263.5	3259.5
65°	3949.9	3978.0	3978.0	3974.0	3958.0	3921.8	3941.9	4010.2	4050.3	4070.4	4010.2
62.5°	4889.3	4889.3	4869.2	4901.3	4905.3	4881.2	4869.2	4873.2	4877.2	4889.3	4788.9
60°	5539.6	5579.7	5591.7	5619.8	5627.9	5627.9	5647.9	5664.0	5664.0	5639.9	5523.5
57.5°	6398.6	6474.9	6490.9	6470.8	6430.7	6378.5	6370.5	6346.4	6298.2	6250.1	6193.9
55°	7265.6	7305.8	7301.8	7289.7	7249.6	7189.4	7197.4	7165.3	7089.0	7028.8	6952.5
52.5°	8136.7	8233.1	8249.1	8225.0	8168.8	8104.6	8108.6	8072.5	7996.2	7932.0	7827.6
50°	9248.6	9328.9	9320.9	9280.8	9200.5	9152.3	9156.3	9088.1	8999.8	8979.7	8843.2
47.5°	10521.1	10613.5	10597.4	10541.2	10432.8	10412.8	10432.8	10344.5	10292.3	10248.2	10087.6
45°	12191.0	12299.4	12239.2	12130.8	11958.2	11978.3	12006.4	11990.3	11877.9	11761.5	11556.8
42.5°	14150.0	14218.2	14145.9	14037.6	13820.8	13860.9	13844.9	13748.5	13680.3	13487.6	13226.7
40°	16245.3	16393.9	16281.5	16112.9	15888.1	15948.3	15904.1	15779.7	15619.1	15378.3	15049.1
37.5°	18505.3	18621.7	18493.3	18296.6	18095.9	18075.8	17987.5	17794.8	17566.0	17301.1	16775.2
35°	20669.0	20970.0	20733.2	20420.1	20175.2	20082.9	19998.6	19553.0	19292.1	18862.6	18144.0
32.5°	22278.6	22499.4	22206.4	21881.2	21584.2	21455.7	21158.7	20628.8	20488.3	19585.1	18926.8
30°	22700.1	22684.1	22379.0	22130.1	21809.0	21720.7	21174.7	20725.2	20275.6	19440.6	18814.4
27.5°	21696.6	21596.2	21303.2	21086.4	20769.3	20664.9	20127.0	19886.2	19191.7	18485.3	17955.4
25°	19460.7	19512.9	19292.1	19183.7	18975.0	18750.2	18537.4	18212.3	17778.8	17160.6	16674.9
22.5°	17698.5	17766.7	17674.4	17545.9	17385.4	17260.9	17100.4	16847.5	16430.0	16048.7	15591.0
20°	16719.0	16698.9	16618.7	16522.3	16369.8	16281.5	16104.9	15892.1	15571.0	15241.8	14748.1
17.5°	16205.2	16080.8	16004.5	15968.4	15888.1	15775.7	15567.0	15350.2	15101.3	14728.0	14366.7
15°	15823.9	15843.9	15783.7	15755.6	15691.4	15534.8	15322.1	15145.5	14808.3	14619.6	14290.4
12.5°	15799.8	15779.7	15783.7	15771.7	15691.4	15490.7	15382.3	15157.5	14940.7	14691.9	14314.5
10°	16084.8	15872.0	15888.1	15944.3	15815.8	15655.3	15538.9	15294.0	15089.3	14772.1	14398.8
7.5°	16068.7	15960.3	15992.5	15900.1	15940.3	15743.6	15583.0	15338.1	15081.2	14744.0	14406.9
5°	16165.1	16000.5	15972.4	15980.4	15880.1	15731.5	15514.8	15281.9	15041.1	14663.8	14318.5
2.5°	15944.3	15968.4	15839.9	15791.7	15779.7	15530.8	15330.1	15105.3	14856.4	14523.3	14214.2
0°	15779.7	15823.9	15691.4	15623.2	15619.1	15406.4	15277.9	15021.0	14844.4	14567.4	14194.1
-2.5°	15691.4	15743.6	15759.6	15635.2	15514.8	15350.2	15133.4	14856.4	14567.4	14246.3	13925.2
-5°	15699.4	15595.1	15550.9	15591.0	15486.7	15322.1	15081.2	14836.4	14551.4	14206.1	13804.7
-7.5°	15382.3	15277.9	15269.9	15249.8	15225.7	15069.2	14868.5	14603.6	14314.5	13993.4	13620.1
-10°	14908.6	14832.4	14812.3	14792.2	14728.0	14635.7	14447.0	14206.1	13945.2	13624.1	13226.7
-12.5°	14382.8	14346.6	14270.4	14218.2	14154.0	14045.6	13864.9	13644.2	13383.2	13098.2	12757.0
-15°	13800.7	13732.5	13656.2	13612.1	13519.7	13391.3	13210.6	13005.9	12720.9	12439.9	12118.8
-17.5°	13098.2	13013.9	12929.6	12917.6	12853.4	12656.7	12488.1	12239.2	11990.3	11721.4	11408.3
-20°	12271.3	12154.9	12098.7	12066.6	11978.3	11833.8	11653.1	11424.3	11183.5	10926.6	10565.3



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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°	11356.1	11255.7	11159.4	11099.2	11022.9	10910.5	10737.9	10537.2	10300.4	10011.3	9678.2
-25°	10316.4	10175.9	10115.7	10047.5	10007.3	9903.0	9734.4	9549.7	9304.8	9023.9	8706.7
-27.5°	9128.2	9015.8	8983.7	8887.4	8839.2	8730.8	8590.3	8417.7	8192.9	7928.0	7667.1
-30°	7815.6	7747.3	7695.2	7598.8	7562.7	7446.3	7354.0	7209.4	7004.7	6816.1	6607.3
-32.5°	6466.8	6398.6	6382.5	6338.4	6314.3	6238.0	6133.7	6029.3	5864.7	5724.2	5555.6
-35°	5270.6	5222.4	5226.4	5222.4	5198.4	5142.2	5013.7	4985.6	4865.2	4736.7	4628.3
-37.5°	4315.2	4319.2	4315.2	4311.2	4279.1	4255.0	4162.7	4126.6	4054.3	3929.9	3865.6
-40°	3596.7	3604.7	3600.7	3592.7	3556.6	3544.5	3484.3	3436.1	3408.0	3319.7	3251.5
-42.5°	3014.6	3026.7	3022.7	3018.7	2994.6	2990.6	2958.4	2902.2	2886.2	2834.0	2761.7
-45°	2573.1	2569.1	2561.0	2569.1	2557.0	2545.0	2524.9	2488.8	2468.7	2444.6	2384.4
-47.5°	2223.9	2227.9	2219.8	2219.8	2203.8	2191.7	2183.7	2159.6	2143.6	2123.5	2087.4
-50°	1934.8	1950.9	1946.9	1942.9	1930.8	1922.8	1922.8	1898.7	1874.6	1866.6	1842.5
-52.5°	1710.0	1722.1	1726.1	1734.1	1738.1	1742.1	1730.1	1706.0	1665.9	1661.9	1649.8
-55°	1505.3	1541.4	1565.5	1581.6	1597.6	1609.7	1585.6	1553.5	1513.3	1497.3	1493.3
-57.5°	1364.8	1400.9	1429.0	1453.1	1473.2	1493.3	1469.2	1437.1	1400.9	1380.9	1376.9
-60°	1236.4	1268.5	1296.6	1328.7	1356.8	1388.9	1376.9	1352.8	1332.7	1316.6	1300.6
-62.5°	1099.9	1132.0	1164.1	1204.3	1240.4	1272.5	1276.5	1272.5	1268.5	1272.5	1244.4
-65°	987.5	1003.5	1023.6	1067.8	1107.9	1144.0	1164.1	1176.2	1196.2	1216.3	1188.2
-67.5°	867.1	887.1	911.2	943.3	975.4	999.5	1027.6	1059.7	1091.9	1124.0	1103.9
-70°	758.7	774.7	794.8	810.9	830.9	847.0	871.1	907.2	943.3	975.4	967.4
-72.5°	646.3	662.3	674.4	682.4	694.5	702.5	714.5	746.6	770.7	786.8	786.8
-75°	533.9	549.9	562.0	566.0	574.0	578.0	586.1	598.1	610.2	614.2	618.2
-77.5°	409.4	425.5	437.5	445.6	453.6	461.6	465.6	473.7	477.7	477.7	481.7
-80°	305.1	317.1	325.1	337.2	341.2	349.2	357.3	361.3	365.3	365.3	369.3
-82.5°	216.8	224.8	232.8	240.9	248.9	252.9	260.9	264.9	268.9	273.0	277.0
-85°	144.5	152.5	160.6	168.6	172.6	176.6	180.6	184.7	188.7	192.7	196.7
-87.5°	84.3	88.3	92.3	100.4	104.4	112.4	116.4	112.4	116.4	116.4	116.4
-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°	156.6	156.6	156.6	156.6	152.5	144.5	140.5	132.5	124.4	116.4	108.4
85°	325.1	329.2	329.2	329.2	321.1	317.1	305.1	293.0	277.0	252.9	232.8
82.5°	541.9	545.9	545.9	541.9	533.9	521.8	505.8	485.7	453.6	421.5	393.4
80°	814.9	818.9	818.9	814.9	794.8	774.7	754.7	730.6	690.4	646.3	598.1
77.5°	1140.0	1148.1	1148.1	1136.0	1107.9	1083.8	1051.7	1011.6	951.4	887.1	822.9
75°	1517.4	1537.4	1541.4	1529.4	1493.3	1449.1	1396.9	1328.7	1236.4	1156.1	1079.8
72.5°	1954.9	1975.0	1991.0	1975.0	1922.8	1862.6	1786.3	1706.0	1613.7	1505.3	1376.9
70°	2528.9	2549.0	2561.0	2508.9	2416.5	2316.2	2223.9	2131.5	2023.1	1890.7	1750.2
67.5°	3251.5	3231.4	3207.3	3103.0	2986.5	2866.1	2737.7	2601.2	2460.7	2320.2	2155.6
65°	3945.9	3889.7	3837.5	3713.1	3564.6	3408.0	3259.5	3107.0	2938.4	2761.7	2605.2
62.5°	4676.5	4556.1	4427.6	4275.1	4122.6	3949.9	3801.4	3620.8	3432.1	3215.4	3014.6
60°	5395.0	5250.5	5122.1	4933.4	4732.7	4499.9	4339.3	4162.7	3941.9	3709.1	3472.3
57.5°	6089.5	5932.9	5792.4	5627.9	5411.1	5158.2	4981.6	4752.8	4520.0	4226.9	3986.1
55°	6828.1	6671.6	6559.2	6374.5	6137.7	5904.8	5712.2	5471.3	5146.2	4833.1	4536.0
52.5°	7675.1	7550.7	7430.2	7241.6	6956.6	6719.7	6507.0	6238.0	5896.8	5511.5	5154.2
50°	8622.4	8558.2	8429.8	8209.0	7883.8	7675.1	7394.1	7036.8	6671.6	6266.1	5820.5
47.5°	9878.9	9774.5	9593.9	9353.0	9080.1	8766.9	8389.6	7972.1	7454.3	7004.7	6531.1
45°	11380.2	11187.5	10954.7	10629.5	10292.3	9939.1	9525.6	8995.8	8301.3	7715.2	7217.5
42.5°	13005.9	12745.0	12427.9	12002.4	11564.8	11131.3	10685.7	9963.2	9096.1	8421.7	7859.7
40°	14703.9	14370.7	13973.3	13355.1	12869.4	12311.5	11801.7	10721.8	9798.6	9068.0	8469.9
37.5°	16365.8	15944.3	15277.9	14527.3	13961.3	13503.7	12383.7	11227.6	10400.7	9597.9	8991.7
35°	17638.3	17281.0	16104.9	15326.1	14840.4	14117.8	12716.9	11532.7	10657.6	9991.3	9047.9
32.5°	18392.9	17469.7	16438.0	15651.2	15249.8	14065.7	12741.0	11621.0	10778.0	10031.4	8903.4
30°	18224.3	17108.4	16205.2	15546.9	14675.8	13612.1	12516.2	11484.5	10665.7	9762.5	8742.9
27.5°	17208.7	16345.7	15538.9	14852.4	13997.4	13042.0	12030.5	11123.3	10360.6	9485.5	8522.1
25°	16060.7	15277.9	14679.8	14081.7	13270.8	12359.6	11468.5	10814.2	10047.5	9184.4	8233.1
22.5°	15005.0	14443.0	13973.3	13347.1	12556.3	11761.5	11207.6	10529.2	9742.4	8867.3	7936.0
20°	14330.6	13949.2	13411.3	12720.9	12098.7	11601.0	10986.8	10268.2	9457.4	8542.2	7683.1
17.5°	14005.4	13563.9	12965.8	12516.2	12038.5	11492.6	10806.1	10043.5	9180.4	8393.6	7711.2
15°	13836.8	13371.2	12977.8	12536.3	11998.4	11424.3	10661.6	9870.8	9180.4	8453.8	7731.3
12.5°	13873.0	13471.6	13042.0	12560.3	11982.3	11368.1	10677.7	9943.1	9228.6	8498.0	7735.3
10°	13985.4	13563.9	13106.3	12572.4	11990.3	11384.2	10721.8	9987.3	9252.7	8518.1	7727.3
7.5°	14025.5	13567.9	13078.2	12540.3	11970.3	11376.2	10729.9	9999.3	9256.7	8514.1	7703.2
5°	13901.1	13487.6	13013.9	12472.0	11914.1	11336.0	10697.8	9983.2	9224.6	8473.9	7643.0
2.5°	13732.5	13399.3	12945.7	12423.9	11857.9	11279.8	10645.6	9911.0	9152.3	8401.7	7566.7
0°	13704.4	13290.9	12833.3	12367.7	11765.5	11155.4	10525.2	9774.5	9019.8	8265.2	7434.2
-2.5°	13519.7	13082.2	12624.6	12118.8	11588.9	10974.7	10312.4	9577.8	8831.2	8088.6	7289.7
-5°	13379.2	12893.5	12407.8	11861.9	11328.0	10713.8	10027.4	9312.9	8582.3	7859.7	7089.0
-7.5°	13190.6	12692.8	12183.0	11613.0	11035.0	10408.7	9730.3	9015.8	8297.3	7578.8	6840.1
-10°	12809.2	12371.7	11894.0	11303.9	10693.7	10067.5	9393.2	8690.7	7972.1	7245.6	6503.0
-12.5°	12347.6	11886.0	11364.1	10822.2	10276.3	9694.2	9019.8	8329.4	7606.9	6876.3	6137.7
-15°	11749.5	11295.9	10762.0	10232.1	9706.3	9148.3	8554.2	7932.0	7197.4	6478.9	5740.3
-17.5°	11002.8	10577.3	10099.7	9593.9	9072.0	8510.0	7932.0	7406.1	6719.7	6045.3	5314.8
-20°	10200.0	9802.6	9373.1	8895.4	8373.6	7823.6	7277.7	6727.7	6133.7	5539.6	4861.2



REPORT NUMBER: P722043  
 CATALOG NUMBER: IFLD-L-SA8B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9365.1	8963.6	8530.1	8084.5	7602.8	7093.0	6587.3	6061.4	5539.6	5001.7	4427.6
-25°	8401.7	8048.4	7651.0	7217.5	6788.0	6342.4	5860.7	5383.0	4937.4	4471.8	4002.1
-27.5°	7394.1	7069.0	6707.7	6330.3	5961.0	5587.7	5170.3	4728.7	4359.4	3974.0	3584.7
-30°	6334.4	6073.4	5780.4	5451.2	5166.2	4865.2	4515.9	4150.7	3813.5	3520.4	3207.3
-32.5°	5330.8	5110.0	4901.3	4684.5	4403.5	4170.7	3929.9	3660.9	3363.9	3086.9	2862.1
-35°	4467.8	4230.9	4142.6	3982.1	3781.3	3576.6	3400.0	3207.3	2982.5	2737.7	2553.0
-37.5°	3741.2	3600.7	3476.3	3388.0	3255.5	3090.9	2950.4	2809.9	2637.3	2452.7	2268.0
-40°	3175.2	3078.9	2942.4	2898.2	2813.9	2701.5	2557.0	2448.6	2332.2	2191.7	2035.2
-42.5°	2721.6	2649.4	2561.0	2484.8	2448.6	2368.4	2256.0	2151.6	2059.3	1962.9	1842.5
-45°	2348.3	2300.1	2243.9	2175.7	2147.6	2083.4	2003.1	1886.7	1834.5	1754.2	1665.9
-47.5°	2047.2	2023.1	1983.0	1938.8	1898.7	1850.5	1778.3	1706.0	1633.8	1581.6	1513.3
-50°	1810.4	1794.3	1770.2	1734.1	1681.9	1649.8	1601.7	1537.4	1469.2	1425.0	1376.9
-52.5°	1621.7	1605.7	1589.6	1561.5	1521.4	1489.3	1449.1	1396.9	1340.7	1296.6	1256.4
-55°	1477.2	1453.1	1441.1	1417.0	1384.9	1348.8	1312.6	1276.5	1228.3	1188.2	1148.1
-57.5°	1364.8	1332.7	1316.6	1296.6	1264.5	1228.3	1200.2	1164.1	1132.0	1087.8	1051.7
-60°	1276.5	1240.4	1208.3	1188.2	1160.1	1124.0	1095.9	1067.8	1035.7	999.5	955.4
-62.5°	1204.3	1160.1	1115.9	1091.9	1063.8	1031.6	1003.5	975.4	943.3	907.2	867.1
-65°	1136.0	1083.8	1027.6	1003.5	975.4	943.3	907.2	887.1	859.0	826.9	786.8
-67.5°	1051.7	995.5	947.3	919.2	891.1	863.0	830.9	810.9	782.8	742.6	702.5
-70°	927.3	891.1	859.0	834.9	810.9	786.8	754.7	722.6	690.4	654.3	618.2
-72.5°	770.7	758.7	754.7	742.6	714.5	686.4	654.3	622.2	594.1	566.0	537.9
-75°	622.2	630.2	638.3	634.2	606.1	578.0	549.9	521.8	501.8	477.7	453.6
-77.5°	493.7	501.8	509.8	509.8	489.7	473.7	453.6	433.5	417.5	397.4	373.3
-80°	381.3	393.4	405.4	413.5	397.4	385.4	369.3	353.2	337.2	321.1	305.1
-82.5°	289.0	301.1	313.1	321.1	309.1	301.1	289.0	277.0	264.9	248.9	236.8
-85°	208.7	216.8	224.8	228.8	220.8	212.8	204.7	196.7	188.7	176.6	168.6
-87.5°	120.4	124.4	128.5	132.5	124.4	116.4	112.4	104.4	100.4	92.3	88.3
-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-730-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°	100.4	92.3	84.3	80.3	72.3	60.2	52.2	44.2	36.1	28.1	24.1
85°	212.8	192.7	168.6	156.6	140.5	124.4	108.4	92.3	76.3	60.2	44.2
82.5°	365.3	341.2	317.1	289.0	252.9	208.7	164.6	136.5	112.4	88.3	68.2
80°	549.9	505.8	465.6	429.5	389.4	333.2	273.0	216.8	152.5	116.4	88.3
77.5°	762.7	710.5	654.3	594.1	529.9	453.6	385.4	313.1	236.8	160.6	112.4
75°	1003.5	935.3	859.0	774.7	690.4	590.1	493.7	409.4	321.1	224.8	136.5
72.5°	1272.5	1188.2	1095.9	983.5	851.0	734.6	618.2	505.8	401.4	285.0	184.7
70°	1617.7	1485.2	1348.8	1228.3	1059.7	875.1	738.6	610.2	477.7	349.2	232.8
67.5°	1987.0	1826.4	1661.9	1485.2	1272.5	1055.7	859.0	714.5	558.0	409.4	277.0
65°	2388.4	2187.7	1979.0	1782.3	1489.3	1232.4	1011.6	814.9	634.2	465.6	321.1
62.5°	2801.9	2565.1	2324.2	2067.3	1730.1	1413.0	1156.1	927.3	706.5	517.8	361.3
60°	3243.4	2966.5	2673.4	2352.3	1958.9	1609.7	1292.6	1043.7	782.8	570.0	405.4
57.5°	3709.1	3408.0	3062.8	2629.3	2195.8	1798.3	1449.1	1148.1	851.0	618.2	437.5
55°	4214.9	3869.7	3492.3	2918.3	2428.6	1987.0	1605.7	1252.4	923.3	658.3	469.7
52.5°	4760.8	4359.4	3881.7	3223.4	2673.4	2179.7	1750.2	1344.7	991.5	702.5	497.8
50°	5371.0	4865.2	4222.9	3504.4	2886.2	2360.3	1894.7	1445.1	1047.7	750.6	521.8
47.5°	6005.2	5459.3	4528.0	3765.3	3103.0	2537.0	2043.2	1533.4	1103.9	790.8	545.9
45°	6667.5	5872.7	4845.1	3998.1	3291.6	2697.5	2155.6	1613.7	1172.1	826.9	566.0
42.5°	7321.8	6185.8	5122.1	4230.9	3468.2	2842.0	2247.9	1690.0	1228.3	863.0	586.1
40°	7630.9	6422.7	5342.9	4391.5	3616.8	2970.5	2328.2	1758.2	1276.5	887.1	606.1
37.5°	7759.4	6567.2	5487.4	4544.0	3733.2	3038.7	2396.5	1818.4	1316.6	911.2	622.2
35°	7787.5	6619.4	5559.6	4648.4	3829.5	3103.0	2448.6	1862.6	1348.8	935.3	638.3
32.5°	7735.3	6603.3	5579.7	4684.5	3889.7	3151.1	2484.8	1894.7	1372.8	959.4	654.3
30°	7618.9	6519.0	5507.4	4680.5	3933.9	3179.2	2508.9	1918.8	1396.9	975.4	662.3
27.5°	7430.2	6370.5	5415.1	4684.5	3958.0	3191.3	2520.9	1930.8	1413.0	987.5	678.4
25°	7197.4	6169.8	5419.1	4676.5	3962.0	3195.3	2520.9	1930.8	1417.0	991.5	690.4
22.5°	6928.5	6169.8	5419.1	4664.5	3937.9	3187.3	2508.9	1922.8	1417.0	999.5	702.5
20°	6944.5	6173.8	5407.1	4640.4	3901.8	3163.2	2480.8	1902.7	1405.0	1011.6	710.5
17.5°	6956.6	6165.8	5383.0	4608.3	3853.6	3123.0	2444.6	1874.6	1405.0	1023.6	714.5
15°	6956.6	6141.7	5346.9	4560.1	3793.4	3066.8	2392.4	1850.5	1409.0	1027.6	722.6
12.5°	6944.5	6097.5	5290.7	4495.9	3721.1	2998.6	2360.3	1842.5	1409.0	1031.6	722.6
10°	6920.4	6037.3	5218.4	4415.6	3652.9	2974.5	2344.3	1826.4	1400.9	1031.6	722.6
7.5°	6876.3	5965.1	5158.2	4367.4	3612.8	2946.4	2320.2	1802.4	1388.9	1023.6	730.6
5°	6808.0	5924.9	5110.0	4311.2	3556.6	2926.3	2304.1	1782.3	1380.9	1023.6	722.6
2.5°	6719.7	5876.7	5053.8	4239.0	3492.3	2858.1	2251.9	1738.1	1352.8	1007.6	714.5
0°	6575.2	5780.4	4957.5	4138.6	3404.0	2789.8	2199.8	1694.0	1324.7	991.5	706.5
-2.5°	6442.7	5652.0	4833.1	4034.2	3319.7	2729.6	2159.6	1669.9	1312.6	987.5	702.5
-5°	6258.1	5475.3	4668.5	3897.8	3207.3	2669.4	2119.5	1641.8	1300.6	979.5	702.5
-7.5°	6053.4	5290.7	4495.9	3757.3	3094.9	2565.1	2043.2	1597.6	1272.5	963.4	698.5
-10°	5736.2	5013.7	4279.1	3596.7	2974.5	2472.7	1979.0	1557.5	1248.4	947.3	682.4
-12.5°	5399.1	4708.6	4030.2	3400.0	2838.0	2376.4	1906.7	1513.3	1220.3	931.3	674.4
-15°	5041.8	4395.5	3769.3	3195.3	2689.5	2260.0	1830.5	1465.2	1192.2	911.2	662.3
-17.5°	4668.5	4066.4	3500.4	2986.5	2541.0	2139.6	1750.2	1421.0	1160.1	891.1	650.3
-20°	4275.1	3729.2	3227.4	2773.8	2384.4	2019.1	1665.9	1368.8	1124.0	867.1	634.2



REPORT NUMBER: P722043  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3885.7	3396.0	2946.4	2565.1	2223.9	1894.7	1581.6	1316.6	1083.8	839.0	622.2
-25°	3540.5	3082.9	2697.5	2364.3	2067.3	1774.3	1493.3	1264.5	1039.7	810.9	606.1
-27.5°	3203.3	2813.9	2452.7	2175.7	1914.8	1657.9	1409.0	1208.3	995.5	778.7	590.1
-30°	2890.2	2557.0	2260.0	1991.0	1770.2	1553.5	1336.7	1152.1	947.3	746.6	570.0
-32.5°	2605.2	2336.2	2087.4	1830.5	1633.8	1449.1	1268.5	1095.9	899.2	714.5	549.9
-35°	2340.3	2131.5	1914.8	1698.0	1497.3	1352.8	1196.2	1035.7	855.0	678.4	529.9
-37.5°	2103.4	1934.8	1762.2	1577.6	1405.0	1260.4	1128.0	975.4	810.9	646.3	509.8
-40°	1898.7	1762.2	1609.7	1461.2	1316.6	1180.2	1059.7	915.2	766.7	622.2	489.7
-42.5°	1710.0	1605.7	1481.2	1356.8	1228.3	1107.9	991.5	851.0	722.6	594.1	469.7
-45°	1565.5	1461.2	1360.8	1248.4	1140.0	1035.7	919.2	794.8	682.4	562.0	449.6
-47.5°	1429.0	1336.7	1244.4	1152.1	1063.8	967.4	851.0	746.6	638.3	533.9	433.5
-50°	1308.6	1220.3	1140.0	1059.7	983.5	891.1	782.8	698.5	602.1	505.8	413.5
-52.5°	1196.2	1120.0	1039.7	975.4	911.2	818.9	730.6	650.3	566.0	473.7	393.4
-55°	1095.9	1023.6	951.4	891.1	830.9	750.6	678.4	610.2	529.9	449.6	373.3
-57.5°	999.5	939.3	871.1	814.9	754.7	690.4	630.2	566.0	493.7	425.5	353.2
-60°	911.2	855.0	794.8	738.6	686.4	634.2	578.0	525.9	461.6	397.4	333.2
-62.5°	822.9	774.7	722.6	666.4	626.2	578.0	533.9	481.7	429.5	373.3	297.0
-65°	742.6	698.5	650.3	602.1	566.0	529.9	489.7	441.6	397.4	345.2	264.9
-67.5°	662.3	622.2	582.1	541.9	509.8	481.7	441.6	405.4	369.3	313.1	232.8
-70°	586.1	554.0	517.8	485.7	461.6	429.5	401.4	369.3	337.2	273.0	196.7
-72.5°	513.8	481.7	453.6	429.5	409.4	381.3	357.3	333.2	289.0	228.8	164.6
-75°	429.5	409.4	393.4	373.3	353.2	333.2	313.1	285.0	240.9	184.7	128.5
-77.5°	353.2	341.2	329.2	313.1	297.0	281.0	256.9	228.8	192.7	144.5	104.4
-80°	289.0	277.0	268.9	252.9	240.9	224.8	200.7	176.6	140.5	112.4	84.3
-82.5°	220.8	212.8	204.7	196.7	184.7	168.6	144.5	124.4	104.4	84.3	64.2
-85°	156.6	152.5	144.5	136.5	124.4	112.4	96.3	84.3	72.3	56.2	44.2
-87.5°	80.3	76.3	72.3	68.2	64.2	56.2	48.2	40.1	36.1	28.1	20.1
-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: P722043  
 CATALOG NUMBER: IFLD-L-SA8B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.1	12.0	4.0	0.0
85°	32.1	20.1	8.0	0.0
82.5°	48.2	32.1	12.0	0.0
80°	64.2	40.1	20.1	0.0
77.5°	80.3	48.2	24.1	0.0
75°	96.3	60.2	28.1	0.0
72.5°	108.4	68.2	32.1	0.0
70°	128.5	80.3	36.1	0.0
67.5°	160.6	88.3	40.1	0.0
65°	188.7	96.3	44.2	0.0
62.5°	220.8	104.4	48.2	0.0
60°	248.9	112.4	52.2	0.0
57.5°	277.0	132.5	56.2	0.0
55°	301.1	148.5	60.2	0.0
52.5°	329.2	164.6	64.2	0.0
50°	353.2	180.6	68.2	0.0
47.5°	373.3	196.7	68.2	0.0
45°	389.4	208.7	72.3	0.0
42.5°	401.4	220.8	76.3	0.0
40°	413.5	232.8	80.3	0.0
37.5°	425.5	244.9	80.3	0.0
35°	437.5	256.9	84.3	0.0
32.5°	449.6	268.9	84.3	0.0
30°	457.6	277.0	88.3	0.0
27.5°	469.7	285.0	88.3	0.0
25°	473.7	293.0	92.3	0.0
22.5°	481.7	297.0	92.3	0.0
20°	489.7	305.1	92.3	0.0
17.5°	493.7	309.1	96.3	0.0
15°	493.7	313.1	100.4	0.0
12.5°	497.8	317.1	100.4	0.0
10°	497.8	325.1	96.3	0.0
7.5°	505.8	321.1	96.3	0.0
5°	501.8	321.1	96.3	0.0
2.5°	497.8	317.1	96.3	0.0
0°	493.7	317.1	96.3	0.0
-2.5°	493.7	317.1	96.3	0.0
-5°	493.7	317.1	96.3	0.0
-7.5°	489.7	321.1	96.3	0.0
-10°	481.7	321.1	96.3	0.0
-12.5°	477.7	309.1	96.3	0.0
-15°	473.7	305.1	96.3	0.0
-17.5°	465.6	301.1	92.3	0.0
-20°	457.6	297.0	92.3	0.0



REPORT NUMBER: P722043

CATALOG NUMBER: IFLD-L-SA8B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	449.6	289.0	92.3	0.0
-25°	441.6	281.0	88.3	0.0
-27.5°	433.5	273.0	88.3	0.0
-30°	421.5	264.9	84.3	0.0
-32.5°	409.4	256.9	84.3	0.0
-35°	401.4	244.9	80.3	0.0
-37.5°	389.4	232.8	80.3	0.0
-40°	377.3	220.8	76.3	0.0
-42.5°	365.3	208.7	72.3	0.0
-45°	349.2	196.7	72.3	0.0
-47.5°	337.2	184.7	68.2	0.0
-50°	317.1	168.6	64.2	0.0
-52.5°	293.0	152.5	60.2	0.0
-55°	268.9	140.5	56.2	0.0
-57.5°	244.9	124.4	56.2	0.0
-60°	220.8	108.4	52.2	0.0
-62.5°	196.7	100.4	48.2	0.0
-65°	172.6	92.3	44.2	0.0
-67.5°	144.5	80.3	40.1	0.0
-70°	120.4	72.3	36.1	0.0
-72.5°	104.4	64.2	32.1	0.0
-75°	88.3	56.2	28.1	0.0
-77.5°	76.3	48.2	24.1	0.0
-80°	60.2	36.1	16.1	0.0
-82.5°	44.2	28.1	12.0	0.0
-85°	28.1	20.1	8.0	0.0
-87.5°	16.1	8.0	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)