

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: P722155

Luminaire Tested: **IFLD-L-SA7C-760-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722155  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-760-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

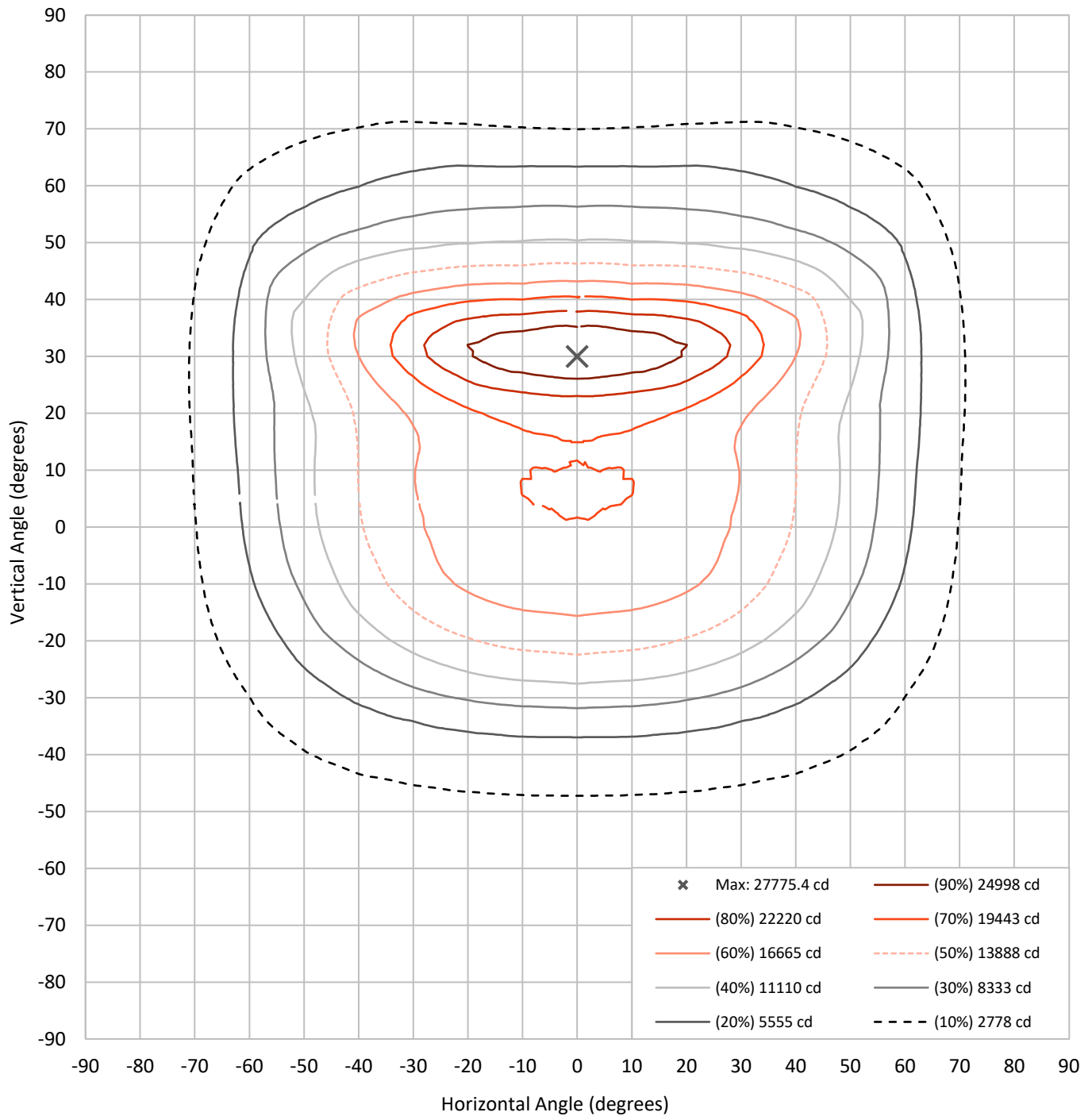
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	46364 lumens	Max Intensity:	27775.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	125.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	26961.2 lumens	Field Lumens:	43449.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369  
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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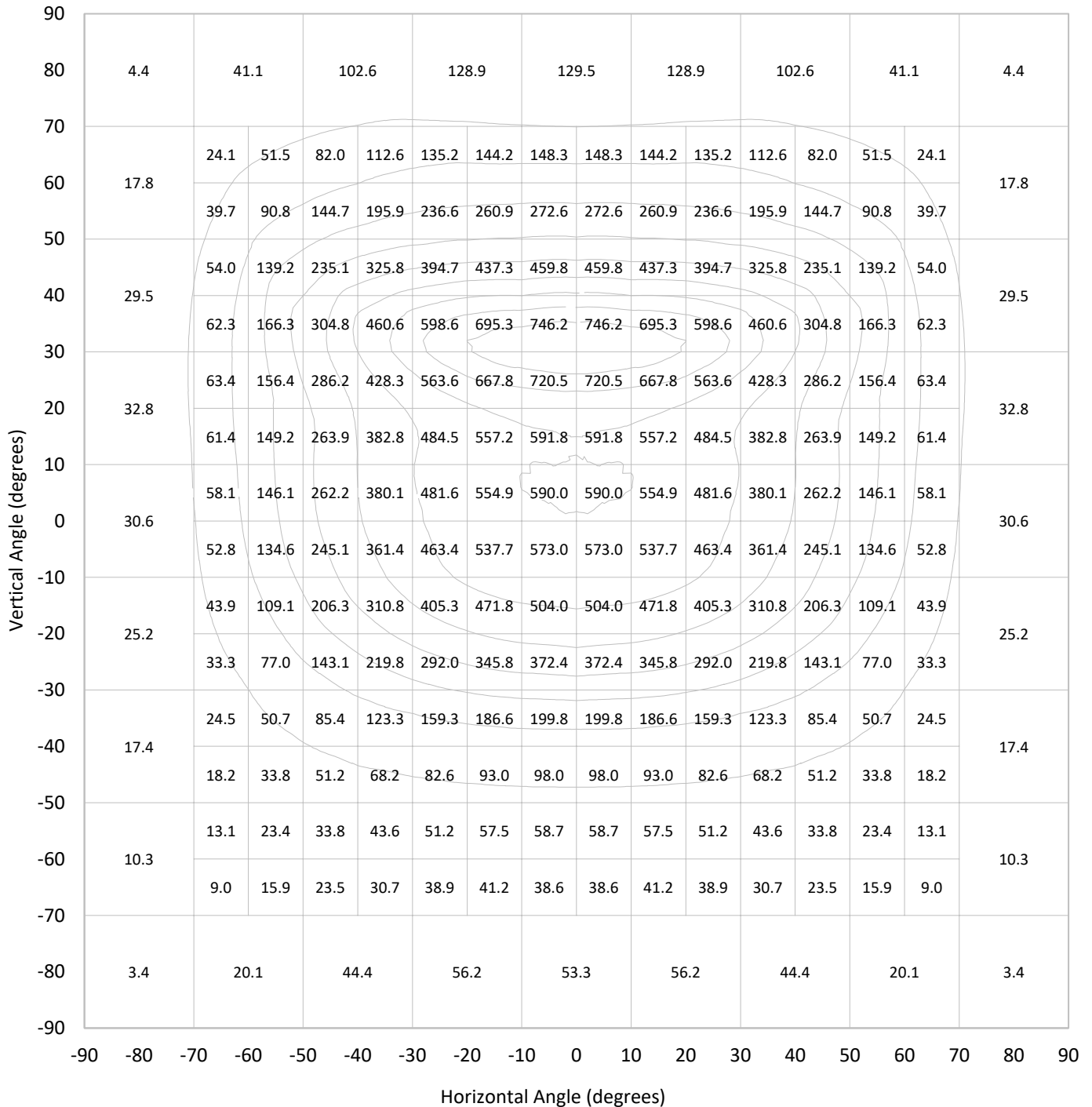
### Iso-Candela Plot





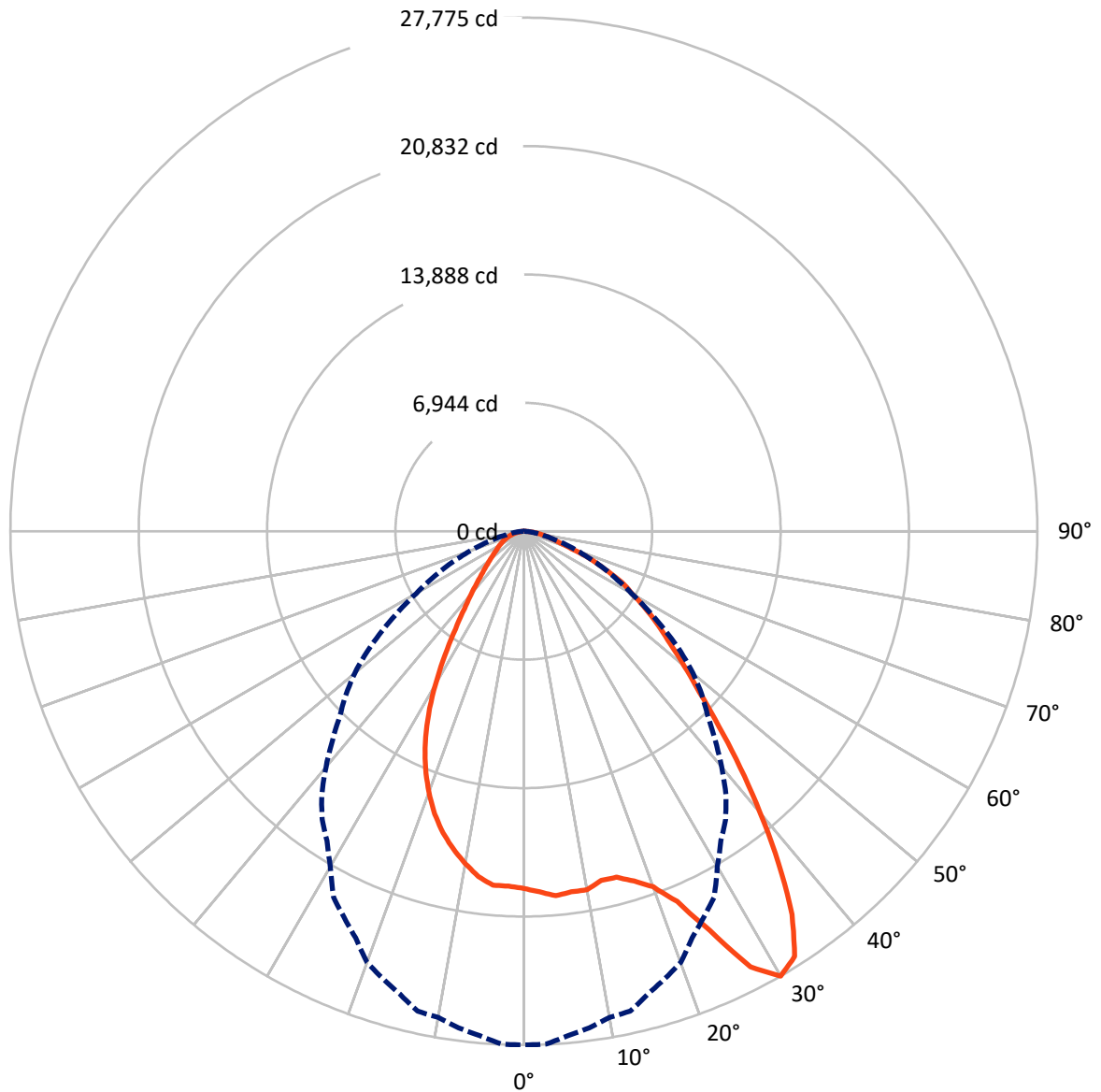
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### Lumen Table



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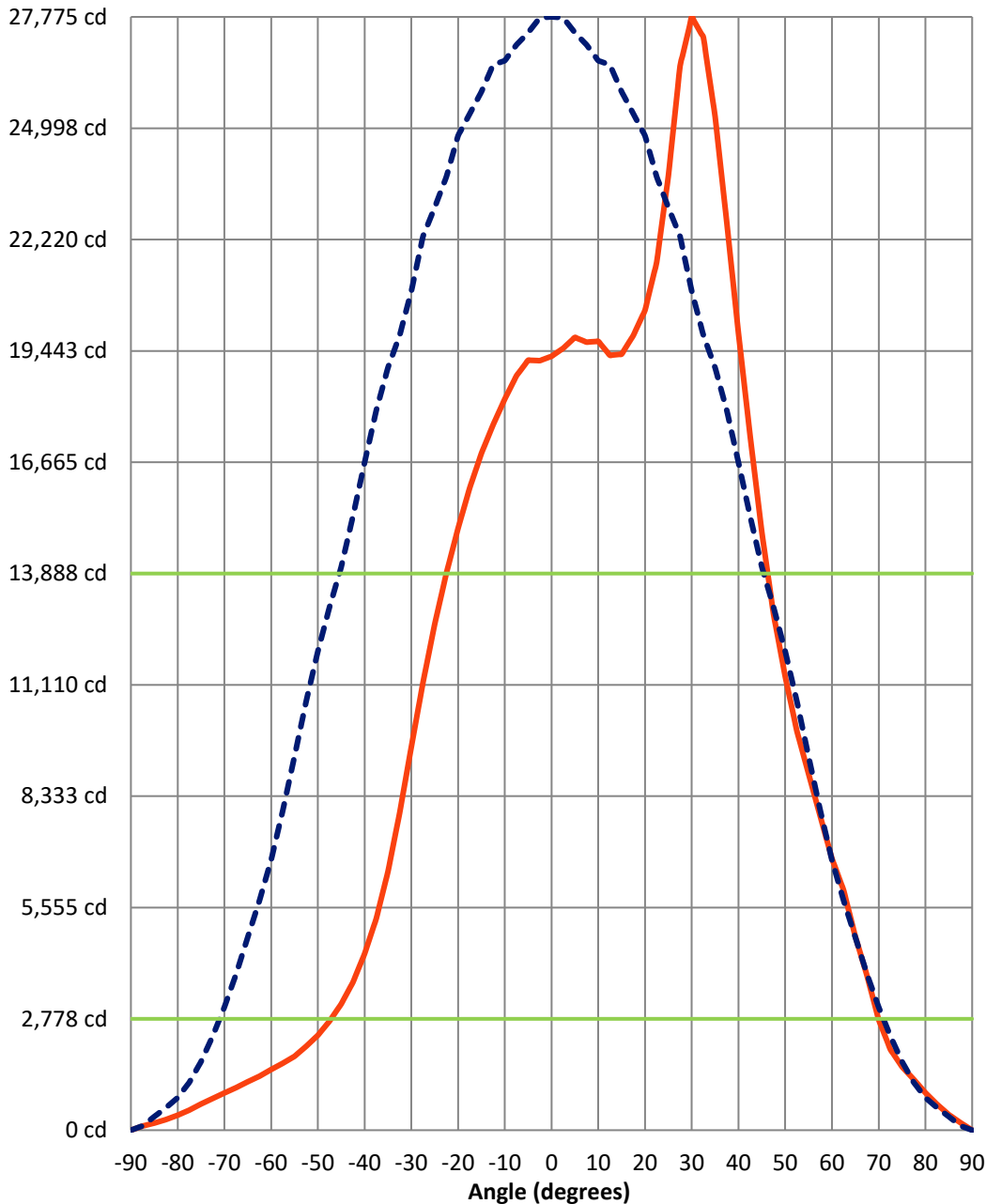
### Luminous Intensity Polar Plot



— 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: 26961.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 43449.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2914.9  
 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°	186.6	191.6	196.5	196.5	191.6	191.6	191.6	186.6	191.6	191.6	191.6
85°	388.0	397.8	407.7	402.8	397.8	388.0	378.2	383.1	388.0	392.9	392.9
82.5°	643.4	658.2	668.0	663.1	653.2	643.4	633.6	638.5	648.3	653.2	653.2
80°	933.2	938.1	943.0	952.9	938.1	938.1	933.2	952.9	962.7	972.5	982.3
77.5°	1267.2	1272.1	1272.1	1277.0	1281.9	1286.9	1286.9	1321.2	1345.8	1360.5	1375.3
75°	1581.6	1596.3	1611.0	1625.8	1645.4	1655.2	1670.0	1719.1	1758.4	1787.8	1817.3
72.5°	2013.8	2033.4	2058.0	2092.4	2126.7	2151.3	2185.7	2244.6	2288.8	2318.3	2352.7
70°	2755.4	2775.1	2799.6	2824.2	2858.6	2883.1	2917.5	2991.2	3035.4	3055.0	3074.7
67.5°	3855.6	3904.8	3949.0	3899.8	3875.3	3840.9	3850.7	3919.5	3963.7	3993.2	3988.3
65°	4833.1	4867.4	4867.4	4862.5	4842.9	4798.7	4823.2	4906.7	4955.9	4980.4	4906.7
62.5°	5982.4	5982.4	5957.8	5997.1	6002.0	5972.6	5957.8	5962.7	5967.7	5982.4	5859.6
60°	6778.1	6827.2	6841.9	6876.3	6886.1	6886.1	6910.7	6930.3	6930.3	6900.9	6758.4
57.5°	7829.2	7922.5	7942.1	7917.6	7868.5	7804.6	7794.8	7765.3	7706.4	7647.4	7578.7
55°	8890.1	8939.2	8934.3	8919.5	8870.4	8796.8	8806.6	8767.3	8674.0	8600.3	8507.0
52.5°	9955.9	10073.8	10093.4	10064.0	9995.2	9916.6	9921.5	9877.3	9784.0	9705.4	9577.7
50°	11316.4	11414.7	11404.8	11355.7	11257.5	11198.6	11203.5	11120.0	11011.9	10987.4	10820.4
47.5°	12873.4	12986.4	12966.7	12898.0	12765.4	12740.8	12765.4	12657.3	12593.5	12539.4	12343.0
45°	14916.7	15049.3	14975.6	14843.0	14631.8	14656.4	14690.7	14671.1	14533.6	14391.1	14140.6
42.5°	17313.6	17397.1	17308.6	17176.0	16910.8	16959.9	16940.3	16822.4	16738.9	16503.1	16183.9
40°	19877.4	20059.2	19921.6	19715.3	19440.3	19514.0	19459.9	19307.7	19111.2	18816.5	18413.8
37.5°	22642.7	22785.1	22628.0	22387.3	22141.7	22117.1	22009.1	21773.3	21493.4	21169.2	20525.8
35°	25290.1	25658.4	25368.7	24985.5	24685.9	24573.0	24469.8	23924.6	23605.4	23079.8	22200.6
32.5°	27259.6	27529.8	27171.2	26773.4	26409.9	26252.7	25889.3	25241.0	25069.0	23963.9	23158.4
30°	27775.4	27755.7	27382.4	27077.9	26685.0	26576.9	25908.9	25358.8	24808.7	23787.1	23020.9
27.5°	26547.4	26424.7	26066.1	25800.9	25412.9	25285.2	24627.0	24332.3	23482.6	22618.1	21969.8
25°	23811.7	23875.5	23605.4	23472.8	23217.4	22942.3	22682.0	22284.1	21753.7	20997.3	20403.0
22.5°	21655.4	21738.9	21626.0	21468.8	21272.3	21120.1	20923.6	20614.2	20103.4	19636.8	19076.8
20°	20457.0	20432.4	20334.2	20216.3	20029.7	19921.6	19705.5	19445.2	19052.3	18649.5	18045.4
17.5°	19828.3	19676.1	19582.7	19538.5	19440.3	19302.8	19047.4	18782.1	18477.6	18020.8	17578.8
15°	19361.7	19386.3	19312.6	19278.2	19199.6	19008.1	18747.8	18531.6	18119.1	17888.2	17485.5
12.5°	19332.2	19307.7	19312.6	19297.9	19199.6	18954.0	18821.4	18546.4	18281.1	17976.6	17514.9
10°	19681.0	19420.6	19440.3	19509.1	19351.9	19155.4	19013.0	18713.4	18462.9	18074.9	17618.1
7.5°	19661.3	19528.7	19568.0	19455.0	19504.1	19263.5	19067.0	18767.4	18453.1	18040.5	17627.9
5°	19779.2	19577.8	19543.4	19553.3	19430.5	19248.7	18983.5	18698.6	18403.9	17942.2	17519.8
2.5°	19509.1	19538.5	19381.4	19322.4	19307.7	19003.2	18757.6	18482.5	18178.0	17770.3	17392.1
0°	19307.7	19361.7	19199.6	19116.1	19111.2	18850.9	18693.7	18379.4	18163.3	17824.4	17367.6
-2.5°	19199.6	19263.5	19283.1	19130.9	18983.5	18782.1	18516.9	18178.0	17824.4	17431.4	17038.5
-5°	19209.4	19081.7	19027.7	19076.8	18949.1	18747.8	18453.1	18153.4	17804.7	17382.3	16891.2
-7.5°	18821.4	18693.7	18683.9	18659.3	18629.9	18438.3	18192.7	17868.6	17514.9	17122.0	16665.2
-10°	18241.9	18148.5	18124.0	18099.4	18020.8	17907.9	17677.0	17382.3	17063.1	16670.1	16183.9
-12.5°	17598.4	17554.2	17460.9	17397.1	17318.5	17185.9	16964.8	16694.7	16375.4	16026.7	15609.2
-15°	16886.2	16802.7	16709.4	16655.4	16542.4	16385.3	16164.2	15913.7	15565.0	15221.2	14828.3
-17.5°	16026.7	15923.6	15820.4	15805.7	15727.1	15486.4	15280.1	14975.6	14671.1	14342.0	13958.9
-20°	15014.9	14872.5	14803.7	14764.4	14656.4	14479.5	14258.5	13978.5	13683.8	13369.5	12927.5



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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°	13895.0	13772.3	13654.4	13580.7	13487.4	13349.9	13138.7	12893.1	12603.3	12249.6	11842.0
-25°	12622.9	12451.0	12377.3	12293.9	12244.7	12117.0	11910.7	11684.8	11385.2	11041.4	10653.4
-27.5°	11169.1	11031.6	10992.3	10874.4	10815.4	10682.8	10510.9	10299.7	10024.7	9700.5	9381.2
-30°	9563.0	9479.5	9415.6	9297.7	9253.5	9111.1	8998.1	8821.3	8570.8	8340.0	8084.6
-32.5°	7912.7	7829.2	7809.5	7755.5	7726.0	7632.7	7505.0	7377.3	7175.9	7004.0	6797.7
-35°	6449.0	6390.1	6395.0	6390.1	6360.6	6291.8	6134.6	6100.3	5952.9	5795.7	5663.1
-37.5°	5280.0	5284.9	5280.0	5275.1	5235.8	5206.3	5093.4	5049.2	4960.8	4808.5	4729.9
-40°	4400.8	4410.7	4405.7	4395.9	4351.7	4337.0	4263.3	4204.4	4170.0	4061.9	3978.4
-42.5°	3688.6	3703.4	3698.5	3693.6	3664.1	3659.2	3619.9	3551.1	3531.5	3467.6	3379.2
-45°	3148.4	3143.5	3133.6	3143.5	3128.7	3114.0	3089.4	3045.2	3020.7	2991.2	2917.5
-47.5°	2721.1	2726.0	2716.1	2716.1	2696.5	2681.8	2671.9	2642.5	2622.8	2598.3	2554.1
-50°	2367.4	2387.1	2382.1	2377.2	2362.5	2352.7	2352.7	2323.2	2293.7	2283.9	2254.4
-52.5°	2092.4	2107.1	2112.0	2121.8	2126.7	2131.7	2116.9	2087.4	2038.3	2033.4	2018.7
-55°	1841.9	1886.1	1915.5	1935.2	1954.8	1969.6	1940.1	1900.8	1851.7	1832.0	1827.1
-57.5°	1670.0	1714.2	1748.5	1778.0	1802.6	1827.1	1797.7	1758.4	1714.2	1689.6	1684.7
-60°	1512.8	1552.1	1586.5	1625.8	1660.1	1699.4	1684.7	1655.2	1630.7	1611.0	1591.4
-62.5°	1345.8	1385.1	1424.4	1473.5	1517.7	1557.0	1561.9	1557.0	1552.1	1557.0	1522.6
-65°	1208.3	1227.9	1252.5	1306.5	1355.6	1399.8	1424.4	1439.1	1463.7	1488.2	1453.8
-67.5°	1060.9	1085.5	1114.9	1154.2	1193.5	1223.0	1257.4	1296.7	1336.0	1375.3	1350.7
-70°	928.3	947.9	972.5	992.2	1016.7	1036.4	1065.8	1110.0	1154.2	1193.5	1183.7
-72.5°	790.8	810.4	825.2	835.0	849.7	859.5	874.3	913.6	943.0	962.7	962.7
-75°	653.2	672.9	687.6	692.5	702.4	707.3	717.1	731.8	746.6	751.5	756.4
-77.5°	501.0	520.6	535.4	545.2	555.0	564.8	569.8	579.6	584.5	584.5	589.4
-80°	373.3	388.0	397.8	412.6	417.5	427.3	437.1	442.0	447.0	447.0	451.9
-82.5°	265.2	275.1	284.9	294.7	304.5	309.4	319.3	324.2	329.1	334.0	338.9
-85°	176.8	186.6	196.5	206.3	211.2	216.1	221.0	225.9	230.8	235.8	240.7
-87.5°	103.1	108.1	113.0	122.8	127.7	137.5	142.4	137.5	142.4	142.4	142.4
-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°	191.6	191.6	191.6	191.6	186.6	176.8	171.9	162.1	152.3	142.4	132.6
85°	397.8	402.8	402.8	402.8	392.9	388.0	373.3	358.6	338.9	309.4	284.9
82.5°	663.1	668.0	668.0	663.1	653.2	638.5	618.9	594.3	555.0	515.7	481.3
80°	997.1	1002.0	1002.0	997.1	972.5	947.9	923.4	893.9	844.8	790.8	731.8
77.5°	1394.9	1404.7	1404.7	1390.0	1355.6	1326.1	1286.9	1237.7	1164.1	1085.5	1006.9
75°	1856.6	1881.2	1886.1	1871.3	1827.1	1773.1	1709.3	1625.8	1512.8	1414.6	1321.2
72.5°	2392.0	2416.5	2436.2	2416.5	2352.7	2279.0	2185.7	2087.4	1974.5	1841.9	1684.7
70°	3094.3	3118.9	3133.6	3069.8	2956.8	2834.0	2721.1	2608.1	2475.5	2313.4	2141.5
67.5°	3978.4	3953.9	3924.4	3796.7	3654.3	3506.9	3349.7	3182.7	3010.8	2838.9	2637.6
65°	4828.1	4759.4	4695.5	4543.3	4361.5	4170.0	3988.3	3801.6	3595.3	3379.2	3187.7
62.5°	5722.1	5574.7	5417.5	5230.9	5044.3	4833.1	4651.3	4430.3	4199.5	3934.2	3688.6
60°	6601.3	6424.4	6267.3	6036.4	5790.8	5506.0	5309.5	5093.4	4823.2	4538.4	4248.6
57.5°	7451.0	7259.4	7087.5	6886.1	6620.9	6311.5	6095.4	5815.4	5530.5	5172.0	4877.3
55°	8354.7	8163.2	8025.6	7799.7	7509.9	7225.0	6989.3	6694.6	6296.7	5913.6	5550.2
52.5°	9391.1	9238.8	9091.5	8860.6	8511.9	8222.1	7961.8	7632.7	7215.2	6743.7	6306.6
50°	10550.2	10471.6	10314.5	10044.3	9646.5	9391.1	9047.3	8610.1	8163.2	7667.1	7121.9
47.5°	12087.6	11959.9	11738.8	11444.1	11110.1	10727.0	10265.3	9754.5	9120.9	8570.8	7991.2
45°	13924.5	13688.8	13403.9	13006.0	12593.5	12161.2	11655.3	11007.0	10157.3	9440.2	8831.1
42.5°	15913.7	15594.5	15206.5	14685.8	14150.5	13620.0	13074.8	12190.7	11129.8	10304.6	9617.0
40°	17991.4	17583.7	17097.4	16341.0	15746.7	15064.0	14440.2	13119.0	11989.3	11095.4	10363.6
37.5°	20024.8	19509.1	18693.7	17775.2	17082.7	16522.8	15152.4	13737.9	12726.1	11743.7	11002.1
35°	21581.8	21144.6	19705.5	18752.7	18158.4	17274.3	15560.1	14111.2	13040.4	12225.1	11070.9
32.5°	22505.2	21375.5	20113.2	19150.5	18659.3	17210.4	15589.6	14219.2	13187.8	12274.2	10894.0
30°	22298.9	20933.4	19828.3	19022.8	17957.0	16655.4	15314.5	14052.2	13050.2	11945.1	10697.6
27.5°	21056.2	20000.2	19013.0	18173.1	17126.9	15957.9	14720.2	13610.2	12677.0	11606.2	10427.4
25°	19651.5	18693.7	17961.9	17230.1	16237.9	15123.0	14032.6	13232.0	12293.9	11237.8	10073.8
22.5°	18359.7	17672.1	17097.4	16331.2	15363.6	14391.1	13713.3	12883.2	11920.6	10849.8	9710.3
20°	17534.6	17068.0	16409.8	15565.0	14803.7	14194.7	13443.2	12564.0	11571.8	10452.0	9400.9
17.5°	17136.7	16596.5	15864.6	15314.5	14730.0	14062.0	13222.2	12288.9	11232.9	10270.3	9435.3
15°	16930.4	16360.7	15879.4	15339.1	14680.9	13978.5	13045.3	12077.7	11232.9	10343.9	9459.8
12.5°	16974.6	16483.5	15957.9	15368.5	14661.3	13909.8	13065.0	12166.1	11291.9	10398.0	9464.7
10°	17112.2	16596.5	16036.5	15383.3	14671.1	13929.4	13119.0	12220.2	11321.3	10422.5	9454.9
7.5°	17161.3	16601.4	16002.1	15344.0	14646.5	13919.6	13128.8	12234.9	11326.3	10417.6	9425.4
5°	17009.0	16503.1	15923.6	15260.5	14577.8	13870.5	13089.5	12215.3	11287.0	10368.5	9351.8
2.5°	16802.7	16395.1	15840.1	15201.5	14509.0	13801.7	13025.7	12126.9	11198.6	10280.1	9258.5
0°	16768.4	16262.5	15702.5	15132.8	14396.0	13649.5	12878.3	11959.9	11036.5	10113.1	9096.4
-2.5°	16542.4	16007.1	15447.1	14828.3	14179.9	13428.4	12618.0	11719.2	10805.6	9897.0	8919.5
-5°	16370.5	15776.2	15181.9	14513.9	13860.7	13109.2	12269.3	11395.0	10501.1	9617.0	8674.0
-7.5°	16139.7	15530.6	14906.8	14209.4	13502.1	12735.9	11905.8	11031.6	10152.4	9273.2	8369.4
-10°	15673.1	15137.7	14553.2	13831.2	13084.6	12318.4	11493.3	10633.7	9754.5	8865.5	7956.9
-12.5°	15108.2	14543.4	13904.9	13241.8	12573.8	11861.6	11036.5	10191.7	9307.6	8413.7	7509.9
-15°	14376.4	13821.4	13168.1	12519.8	11876.4	11193.6	10466.7	9705.4	8806.6	7927.4	7023.7
-17.5°	13462.8	12942.2	12357.7	11738.8	11100.3	10412.7	9705.4	9062.0	8222.1	7396.9	6503.0
-20°	12480.5	11994.2	11468.7	10884.2	10245.7	9572.8	8904.8	8231.9	7505.0	6778.1	5948.0



REPORT NUMBER: P722155  
 CATALOG NUMBER: IFLD-L-SA7C-760-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11458.9	10967.7	10437.2	9892.1	9302.7	8678.9	8060.0	7416.6	6778.1	6119.9	5417.5
-25°	10280.1	9847.9	9361.6	8831.1	8305.6	7760.4	7171.0	6586.5	6041.3	5471.6	4896.9
-27.5°	9047.3	8649.4	8207.4	7745.7	7293.8	6837.0	6326.2	5785.9	5334.0	4862.5	4386.1
-30°	7750.6	7431.3	7072.8	6670.0	6321.3	5952.9	5525.6	5078.6	4666.1	4307.5	3924.4
-32.5°	6522.7	6252.5	5997.1	5731.9	5388.1	5103.2	4808.5	4479.4	4116.0	3777.1	3502.0
-35°	5466.7	5176.9	5068.8	4872.4	4626.8	4376.3	4160.2	3924.4	3649.4	3349.7	3123.8
-37.5°	4577.7	4405.7	4253.5	4145.4	3983.3	3782.0	3610.1	3438.2	3227.0	3001.0	2775.1
-40°	3885.1	3767.2	3600.2	3546.2	3443.1	3305.5	3128.7	2996.1	2853.7	2681.8	2490.2
-42.5°	3330.1	3241.7	3133.6	3040.3	2996.1	2897.9	2760.3	2632.6	2519.7	2401.8	2254.4
-45°	2873.3	2814.4	2745.6	2662.1	2627.7	2549.1	2450.9	2308.5	2244.6	2146.4	2038.3
-47.5°	2504.9	2475.5	2426.4	2372.3	2323.2	2264.3	2175.9	2087.4	1999.0	1935.2	1851.7
-50°	2215.2	2195.5	2166.0	2121.8	2058.0	2018.7	1959.7	1881.2	1797.7	1743.6	1684.7
-52.5°	1984.3	1964.7	1945.0	1910.6	1861.5	1822.2	1773.1	1709.3	1640.5	1586.5	1537.3
-55°	1807.5	1778.0	1763.3	1733.8	1694.5	1650.3	1606.1	1561.9	1503.0	1453.8	1404.7
-57.5°	1670.0	1630.7	1611.0	1586.5	1547.2	1503.0	1468.6	1424.4	1385.1	1331.1	1286.9
-60°	1561.9	1517.7	1478.4	1453.8	1419.5	1375.3	1340.9	1306.5	1267.2	1223.0	1169.0
-62.5°	1473.5	1419.5	1365.4	1336.0	1301.6	1262.3	1227.9	1193.5	1154.2	1110.0	1060.9
-65°	1390.0	1326.1	1257.4	1227.9	1193.5	1154.2	1110.0	1085.5	1051.1	1011.8	962.7
-67.5°	1286.9	1218.1	1159.1	1124.8	1090.4	1056.0	1016.7	992.2	957.8	908.7	859.5
-70°	1134.6	1090.4	1051.1	1021.6	992.2	962.7	923.4	884.1	844.8	800.6	756.4
-72.5°	943.0	928.3	923.4	908.7	874.3	839.9	800.6	761.3	726.9	692.5	658.2
-75°	761.3	771.1	781.0	776.0	741.7	707.3	672.9	638.5	614.0	584.5	555.0
-77.5°	604.1	614.0	623.8	623.8	599.2	579.6	555.0	530.5	510.8	486.3	456.8
-80°	466.6	481.3	496.1	505.9	486.3	471.5	451.9	432.2	412.6	392.9	373.3
-82.5°	353.6	368.4	383.1	392.9	378.2	368.4	353.6	338.9	324.2	304.5	289.8
-85°	255.4	265.2	275.1	280.0	270.1	260.3	250.5	240.7	230.8	216.1	206.3
-87.5°	147.3	152.3	157.2	162.1	152.3	142.4	137.5	127.7	122.8	113.0	108.1
-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: P722155  
 CATALOG NUMBER: IFLD-L-SA7C-760-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°	122.8	113.0	103.1	98.2	88.4	73.7	63.9	54.0	44.2	34.4	29.5
85°	260.3	235.8	206.3	191.6	171.9	152.3	132.6	113.0	93.3	73.7	54.0
82.5°	447.0	417.5	388.0	353.6	309.4	255.4	201.4	167.0	137.5	108.1	83.5
80°	672.9	618.9	569.8	525.5	476.4	407.7	334.0	265.2	186.6	142.4	108.1
77.5°	933.2	869.4	800.6	726.9	648.3	555.0	471.5	383.1	289.8	196.5	137.5
75°	1227.9	1144.4	1051.1	947.9	844.8	722.0	604.1	501.0	392.9	275.1	167.0
72.5°	1557.0	1453.8	1340.9	1203.4	1041.3	898.8	756.4	618.9	491.2	348.7	225.9
70°	1979.4	1817.3	1650.3	1503.0	1296.7	1070.7	903.7	746.6	584.5	427.3	284.9
67.5°	2431.3	2234.8	2033.4	1817.3	1557.0	1291.8	1051.1	874.3	682.7	501.0	338.9
65°	2922.4	2676.8	2421.4	2180.8	1822.2	1507.9	1237.7	997.1	776.0	569.8	392.9
62.5°	3428.3	3138.5	2843.8	2529.5	2116.9	1728.9	1414.6	1134.6	864.4	633.6	442.0
60°	3968.6	3629.7	3271.2	2878.2	2396.9	1969.6	1581.6	1277.0	957.8	697.5	496.1
57.5°	4538.4	4170.0	3747.6	3217.1	2686.7	2200.4	1773.1	1404.7	1041.3	756.4	535.4
55°	5157.2	4734.8	4273.1	3570.8	2971.5	2431.3	1964.7	1532.4	1129.7	805.5	574.7
52.5°	5825.2	5334.0	4749.6	3944.1	3271.2	2667.0	2141.5	1645.4	1213.2	859.5	609.0
50°	6571.8	5952.9	5167.1	4287.9	3531.5	2888.0	2318.3	1768.2	1281.9	918.5	638.5
47.5°	7347.8	6679.8	5540.3	4607.1	3796.7	3104.2	2500.0	1876.2	1350.7	967.6	668.0
45°	8158.2	7185.7	5928.4	4892.0	4027.5	3300.6	2637.6	1974.5	1434.2	1011.8	692.5
42.5°	8958.8	7568.8	6267.3	5176.9	4243.7	3477.4	2750.5	2067.8	1503.0	1056.0	717.1
40°	9337.0	7858.6	6537.4	5373.3	4425.4	3634.6	2848.8	2151.3	1561.9	1085.5	741.7
37.5°	9494.2	8035.5	6714.2	5560.0	4567.8	3718.1	2932.3	2225.0	1611.0	1114.9	761.3
35°	9528.6	8099.3	6802.6	5687.7	4685.7	3796.7	2996.1	2279.0	1650.3	1144.4	781.0
32.5°	9464.7	8079.7	6827.2	5731.9	4759.4	3855.6	3040.3	2318.3	1679.8	1173.9	800.6
30°	9322.3	7976.5	6738.8	5727.0	4813.4	3890.0	3069.8	2347.8	1709.3	1193.5	810.4
27.5°	9091.5	7794.8	6625.8	5731.9	4842.9	3904.8	3084.5	2362.5	1728.9	1208.3	830.1
25°	8806.6	7549.2	6630.7	5722.1	4847.8	3909.7	3084.5	2362.5	1733.8	1213.2	844.8
22.5°	8477.5	7549.2	6630.7	5707.3	4818.3	3899.8	3069.8	2352.7	1733.8	1223.0	859.5
20°	8497.1	7554.1	6616.0	5677.9	4774.1	3870.4	3035.4	2328.1	1719.1	1237.7	869.4
17.5°	8511.9	7544.3	6586.5	5638.6	4715.2	3821.3	2991.2	2293.7	1719.1	1252.5	874.3
15°	8511.9	7514.8	6542.3	5579.6	4641.5	3752.5	2927.3	2264.3	1724.0	1257.4	884.1
12.5°	8497.1	7460.8	6473.5	5501.0	4553.1	3669.0	2888.0	2254.4	1724.0	1262.3	884.1
10°	8467.7	7387.1	6385.1	5402.8	4469.6	3639.5	2868.4	2234.8	1714.2	1262.3	884.1
7.5°	8413.7	7298.7	6311.5	5343.9	4420.5	3605.1	2838.9	2205.3	1699.4	1252.5	893.9
5°	8330.2	7249.6	6252.5	5275.1	4351.7	3580.6	2819.3	2180.8	1689.6	1252.5	884.1
2.5°	8222.1	7190.7	6183.8	5186.7	4273.1	3497.1	2755.4	2126.7	1655.2	1232.8	874.3
0°	8045.3	7072.8	6065.9	5063.9	4165.1	3413.6	2691.6	2072.7	1620.8	1213.2	864.4
-2.5°	7883.2	6915.6	5913.6	4936.2	4061.9	3339.9	2642.5	2043.2	1606.1	1208.3	859.5
-5°	7657.3	6699.5	5712.2	4769.2	3924.4	3266.2	2593.3	2008.9	1591.4	1198.4	859.5
-7.5°	7406.8	6473.5	5501.0	4597.3	3786.9	3138.5	2500.0	1954.8	1557.0	1178.8	854.6
-10°	7018.7	6134.6	5235.8	4400.8	3639.5	3025.6	2421.4	1905.7	1527.5	1159.1	835.0
-12.5°	6606.2	5761.4	4931.3	4160.2	3472.5	2907.7	2333.0	1851.7	1493.1	1139.5	825.2
-15°	6169.0	5378.3	4612.0	3909.7	3290.8	2765.3	2239.7	1792.8	1458.8	1114.9	810.4
-17.5°	5712.2	4975.5	4283.0	3654.3	3109.1	2617.9	2141.5	1738.7	1419.5	1090.4	795.7
-20°	5230.9	4562.9	3949.0	3393.9	2917.5	2470.6	2038.3	1674.9	1375.3	1060.9	776.0



REPORT NUMBER: P722155  
 CATALOG NUMBER: IFLD-L-SA7C-760-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4754.5	4155.3	3605.1	3138.5	2721.1	2318.3	1935.2	1611.0	1326.1	1026.5	761.3
-25°	4332.1	3772.1	3300.6	2893.0	2529.5	2170.9	1827.1	1547.2	1272.1	992.2	741.7
-27.5°	3919.5	3443.1	3001.0	2662.1	2342.9	2028.5	1724.0	1478.4	1218.1	952.9	722.0
-30°	3536.4	3128.7	2765.3	2436.2	2166.0	1900.8	1635.6	1409.6	1159.1	913.6	697.5
-32.5°	3187.7	2858.6	2554.1	2239.7	1999.0	1773.1	1552.1	1340.9	1100.2	874.3	672.9
-35°	2863.5	2608.1	2342.9	2077.6	1832.0	1655.2	1463.7	1267.2	1046.2	830.1	648.3
-37.5°	2573.7	2367.4	2156.2	1930.3	1719.1	1542.3	1380.2	1193.5	992.2	790.8	623.8
-40°	2323.2	2156.2	1969.6	1787.8	1611.0	1444.0	1296.7	1119.9	938.1	761.3	599.2
-42.5°	2092.4	1964.7	1812.4	1660.1	1503.0	1355.6	1213.2	1041.3	884.1	726.9	574.7
-45°	1915.5	1787.8	1665.0	1527.5	1394.9	1267.2	1124.8	972.5	835.0	687.6	550.1
-47.5°	1748.5	1635.6	1522.6	1409.6	1301.6	1183.7	1041.3	913.6	781.0	653.2	530.5
-50°	1601.2	1493.1	1394.9	1296.7	1203.4	1090.4	957.8	854.6	736.7	618.9	505.9
-52.5°	1463.7	1370.3	1272.1	1193.5	1114.9	1002.0	893.9	795.7	692.5	579.6	481.3
-55°	1340.9	1252.5	1164.1	1090.4	1016.7	918.5	830.1	746.6	648.3	550.1	456.8
-57.5°	1223.0	1149.3	1065.8	997.1	923.4	844.8	771.1	692.5	604.1	520.6	432.2
-60°	1114.9	1046.2	972.5	903.7	839.9	776.0	707.3	643.4	564.8	486.3	407.7
-62.5°	1006.9	947.9	884.1	815.3	766.2	707.3	653.2	589.4	525.5	456.8	363.5
-65°	908.7	854.6	795.7	736.7	692.5	648.3	599.2	540.3	486.3	422.4	324.2
-67.5°	810.4	761.3	712.2	663.1	623.8	589.4	540.3	496.1	451.9	383.1	284.9
-70°	717.1	677.8	633.6	594.3	564.8	525.5	491.2	451.9	412.6	334.0	240.7
-72.5°	628.7	589.4	555.0	525.5	501.0	466.6	437.1	407.7	353.6	280.0	201.4
-75°	525.5	501.0	481.3	456.8	432.2	407.7	383.1	348.7	294.7	225.9	157.2
-77.5°	432.2	417.5	402.8	383.1	363.5	343.8	314.3	280.0	235.8	176.8	127.7
-80°	353.6	338.9	329.1	309.4	294.7	275.1	245.6	216.1	171.9	137.5	103.1
-82.5°	270.1	260.3	250.5	240.7	225.9	206.3	176.8	152.3	127.7	103.1	78.6
-85°	191.6	186.6	176.8	167.0	152.3	137.5	117.9	103.1	88.4	68.8	54.0
-87.5°	98.2	93.3	88.4	83.5	78.6	68.8	58.9	49.1	44.2	34.4	24.6
-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: P722155  
 CATALOG NUMBER: IFLD-L-SA7C-760-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.6	14.7	4.9	0.0
85°	39.3	24.6	9.8	0.0
82.5°	58.9	39.3	14.7	0.0
80°	78.6	49.1	24.6	0.0
77.5°	98.2	58.9	29.5	0.0
75°	117.9	73.7	34.4	0.0
72.5°	132.6	83.5	39.3	0.0
70°	157.2	98.2	44.2	0.0
67.5°	196.5	108.1	49.1	0.0
65°	230.8	117.9	54.0	0.0
62.5°	270.1	127.7	58.9	0.0
60°	304.5	137.5	63.9	0.0
57.5°	338.9	162.1	68.8	0.0
55°	368.4	181.7	73.7	0.0
52.5°	402.8	201.4	78.6	0.0
50°	432.2	221.0	83.5	0.0
47.5°	456.8	240.7	83.5	0.0
45°	476.4	255.4	88.4	0.0
42.5°	491.2	270.1	93.3	0.0
40°	505.9	284.9	98.2	0.0
37.5°	520.6	299.6	98.2	0.0
35°	535.4	314.3	103.1	0.0
32.5°	550.1	329.1	103.1	0.0
30°	559.9	338.9	108.1	0.0
27.5°	574.7	348.7	108.1	0.0
25°	579.6	358.6	113.0	0.0
22.5°	589.4	363.5	113.0	0.0
20°	599.2	373.3	113.0	0.0
17.5°	604.1	378.2	117.9	0.0
15°	604.1	383.1	122.8	0.0
12.5°	609.0	388.0	122.8	0.0
10°	609.0	397.8	117.9	0.0
7.5°	618.9	392.9	117.9	0.0
5°	614.0	392.9	117.9	0.0
2.5°	609.0	388.0	117.9	0.0
0°	604.1	388.0	117.9	0.0
-2.5°	604.1	388.0	117.9	0.0
-5°	604.1	388.0	117.9	0.0
-7.5°	599.2	392.9	117.9	0.0
-10°	589.4	392.9	117.9	0.0
-12.5°	584.5	378.2	117.9	0.0
-15°	579.6	373.3	117.9	0.0
-17.5°	569.8	368.4	113.0	0.0
-20°	559.9	363.5	113.0	0.0



REPORT NUMBER: P722155  
 CATALOG NUMBER: IFLD-L-SA7C-760-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	550.1	353.6	113.0	0.0
-25°	540.3	343.8	108.1	0.0
-27.5°	530.5	334.0	108.1	0.0
-30°	515.7	324.2	103.1	0.0
-32.5°	501.0	314.3	103.1	0.0
-35°	491.2	299.6	98.2	0.0
-37.5°	476.4	284.9	98.2	0.0
-40°	461.7	270.1	93.3	0.0
-42.5°	447.0	255.4	88.4	0.0
-45°	427.3	240.7	88.4	0.0
-47.5°	412.6	225.9	83.5	0.0
-50°	388.0	206.3	78.6	0.0
-52.5°	358.6	186.6	73.7	0.0
-55°	329.1	171.9	68.8	0.0
-57.5°	299.6	152.3	68.8	0.0
-60°	270.1	132.6	63.9	0.0
-62.5°	240.7	122.8	58.9	0.0
-65°	211.2	113.0	54.0	0.0
-67.5°	176.8	98.2	49.1	0.0
-70°	147.3	88.4	44.2	0.0
-72.5°	127.7	78.6	39.3	0.0
-75°	108.1	68.8	34.4	0.0
-77.5°	93.3	58.9	29.5	0.0
-80°	73.7	44.2	19.6	0.0
-82.5°	54.0	34.4	14.7	0.0
-85°	34.4	24.6	9.8	0.0
-87.5°	19.6	9.8	4.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)