

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: P722099

Luminaire Tested: **IFLD-L-SA7E-740-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722099  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-740-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

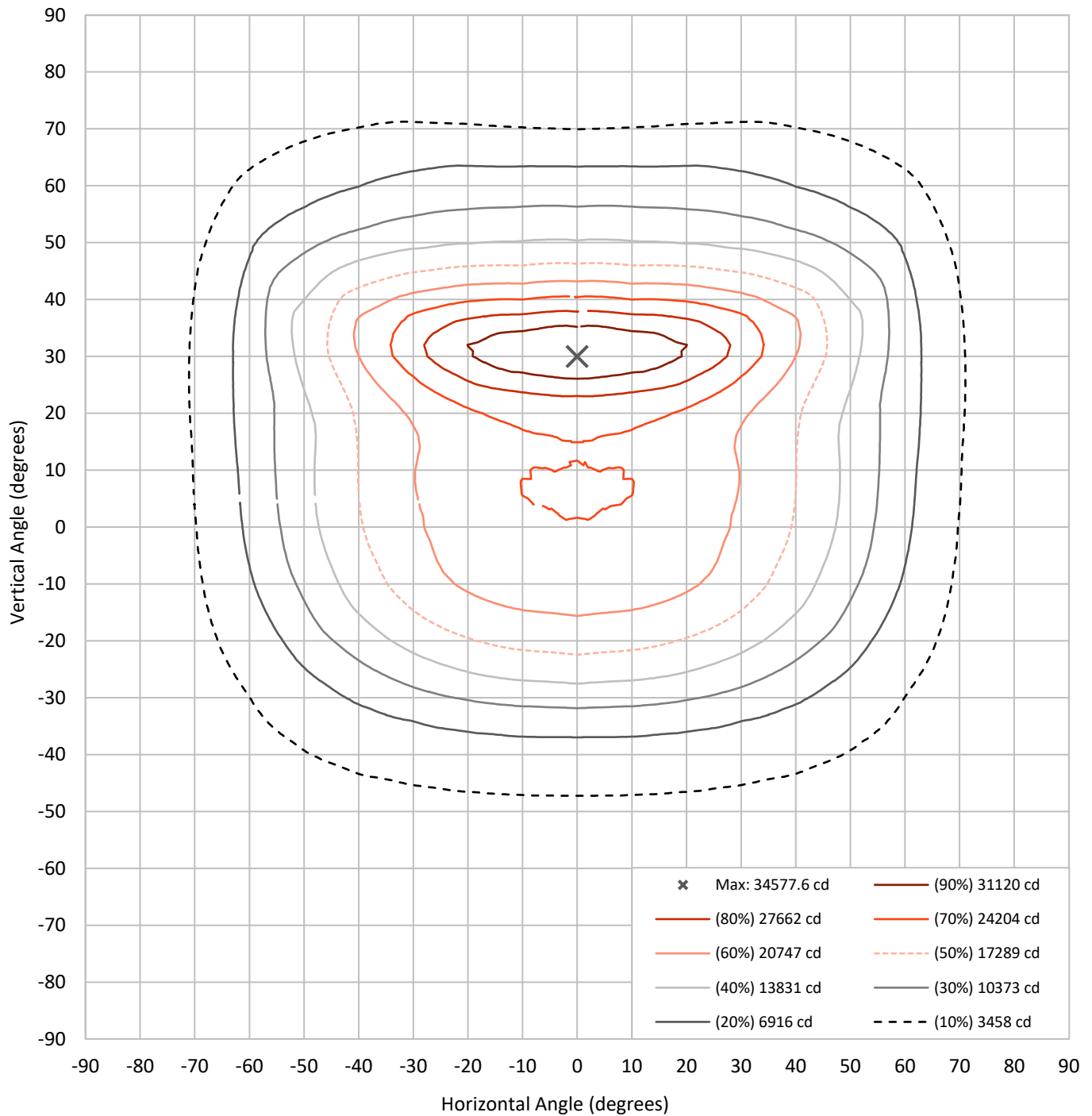
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	57718.8 lumens	Max Intensity:	34577.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	33564.1 lumens	Field Lumens:	54090 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7  
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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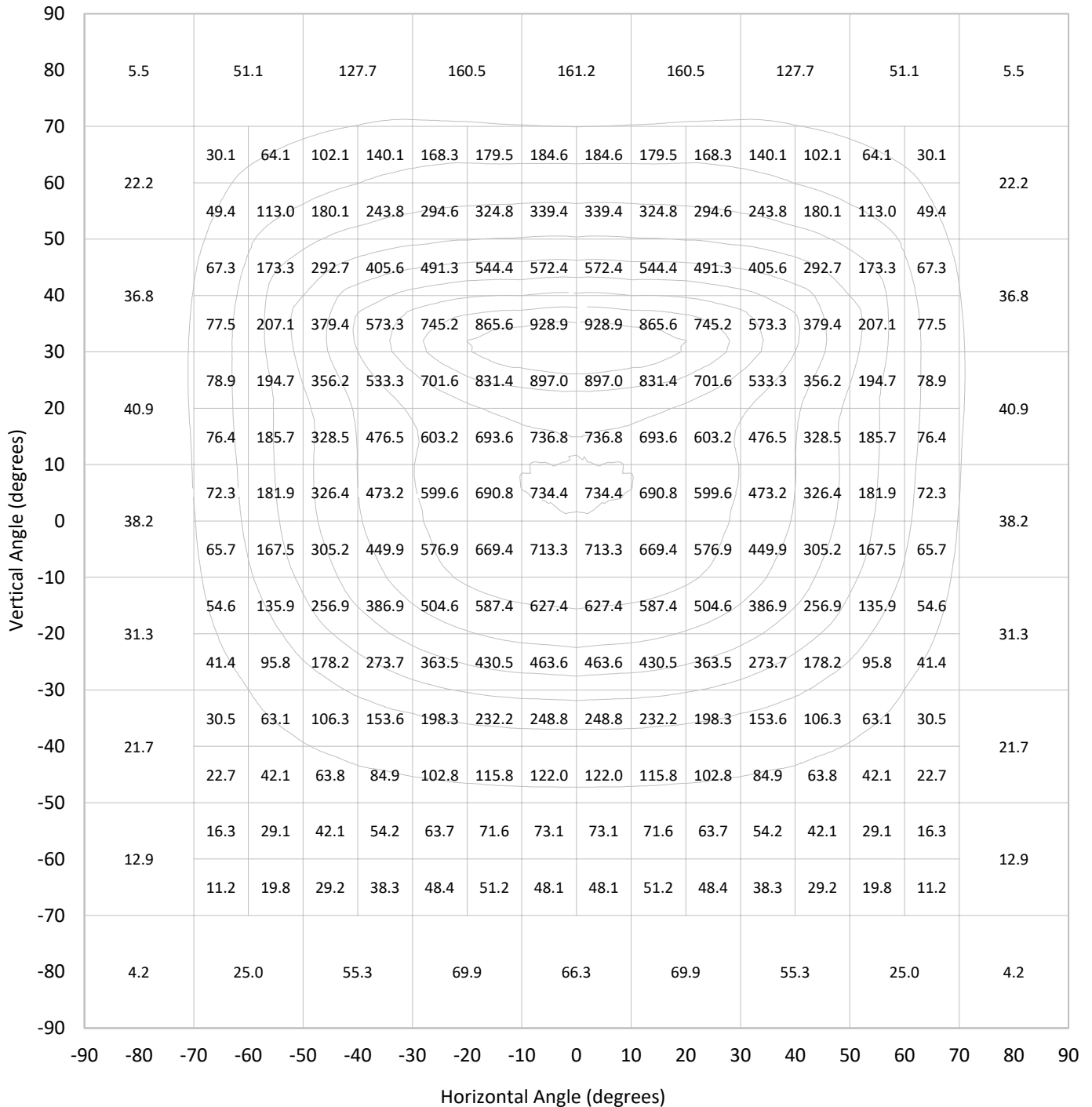
### Iso-Candela Plot





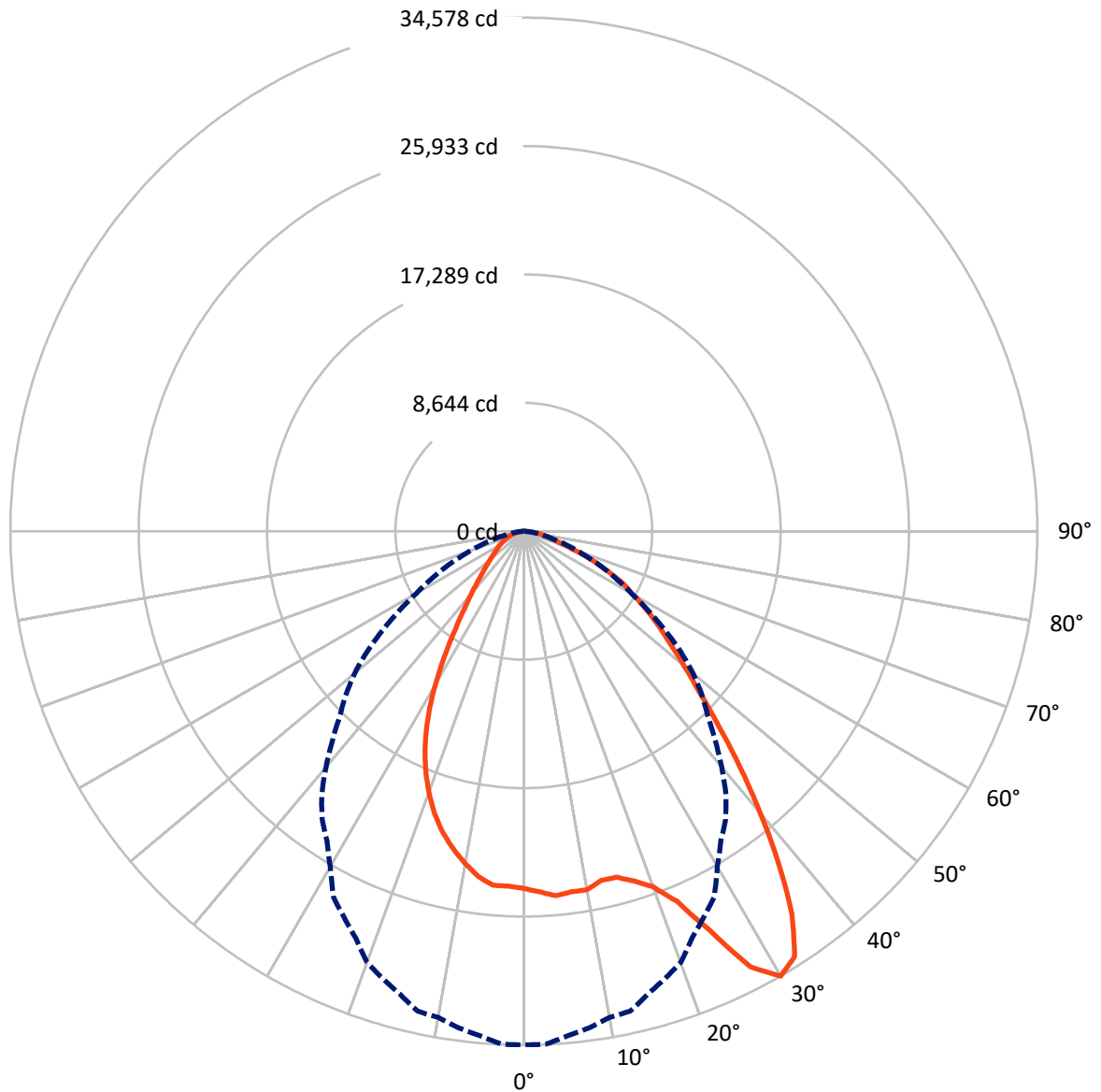
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### Lumen Table



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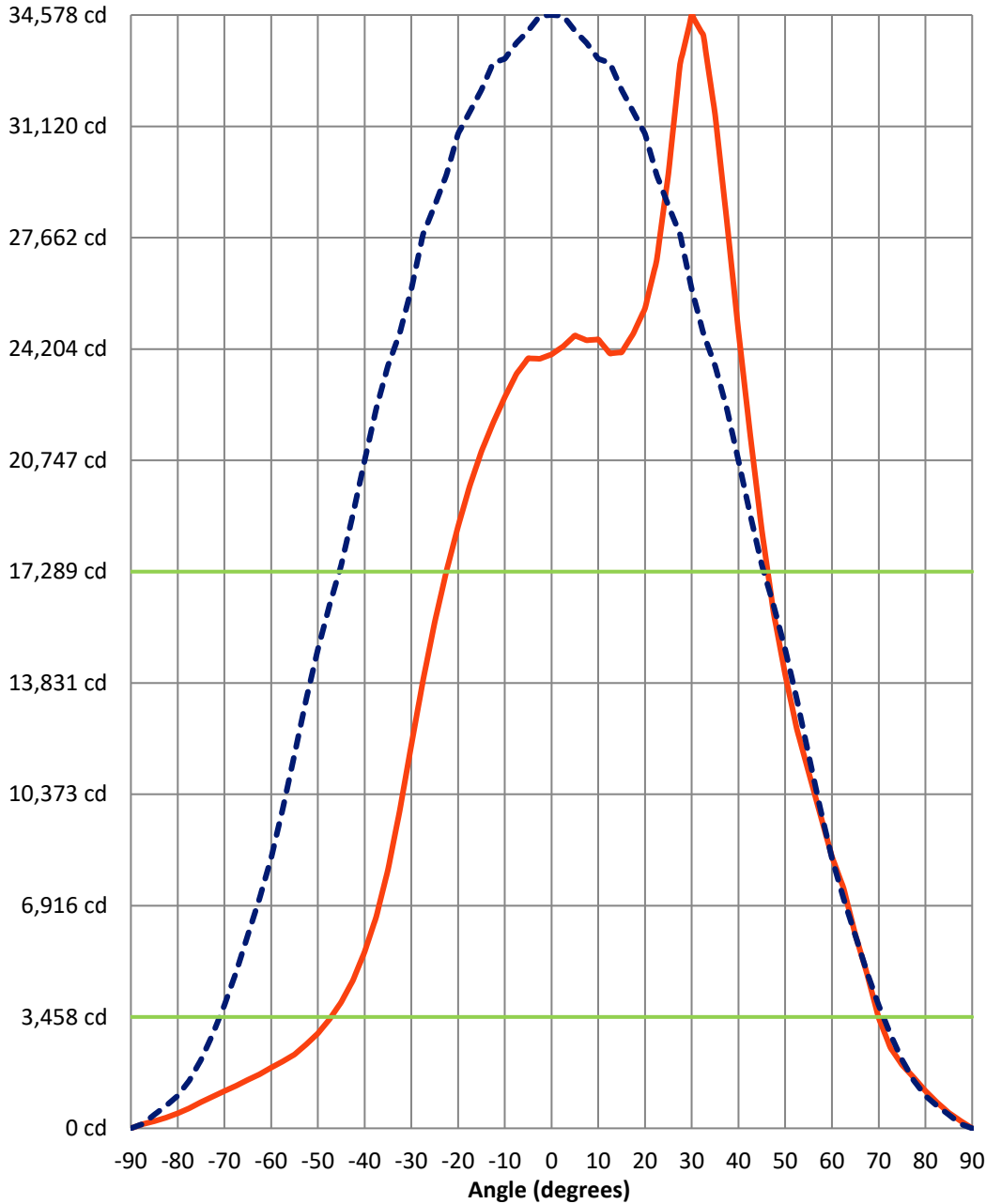
### Luminous Intensity Polar Plot



— 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: 33564.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 54090  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 3628.8  
 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°	232.4	238.5	244.6	244.6	238.5	238.5	238.5	232.4	238.5	238.5	238.5
85°	483.0	495.3	507.5	501.4	495.3	483.0	470.8	476.9	483.0	489.2	489.2
82.5°	801.0	819.3	831.6	825.5	813.2	801.0	788.8	794.9	807.1	813.2	813.2
80°	1161.8	1167.9	1174.0	1186.2	1167.9	1167.9	1161.8	1186.2	1198.4	1210.7	1222.9
77.5°	1577.5	1583.7	1583.7	1589.8	1595.9	1602.0	1602.0	1644.8	1675.4	1693.7	1712.1
75°	1968.9	1987.2	2005.6	2023.9	2048.4	2060.6	2078.9	2140.1	2189.0	2225.7	2262.4
72.5°	2507.0	2531.4	2562.0	2604.8	2647.6	2678.2	2721.0	2794.3	2849.4	2886.1	2928.9
70°	3430.2	3454.7	3485.3	3515.9	3558.7	3589.2	3632.0	3723.7	3778.8	3803.2	3827.7
67.5°	4799.9	4861.0	4916.1	4854.9	4824.4	4781.6	4793.8	4879.4	4934.4	4971.1	4965.0
65°	6016.7	6059.5	6059.5	6053.4	6028.9	5973.9	6004.5	6108.4	6169.6	6200.1	6108.4
62.5°	7447.5	7447.5	7416.9	7465.8	7472.0	7435.3	7416.9	7423.0	7429.1	7447.5	7294.6
60°	8438.0	8499.2	8517.5	8560.3	8572.6	8572.6	8603.1	8627.6	8627.6	8590.9	8413.6
57.5°	9746.6	9862.7	9887.2	9856.6	9795.5	9716.0	9703.8	9667.1	9593.7	9520.3	9434.7
55°	11067.3	11128.4	11122.3	11104.0	11042.8	10951.1	10963.3	10914.4	10798.3	10706.5	10590.4
52.5°	12394.1	12540.9	12565.4	12528.7	12443.1	12345.2	12351.3	12296.3	12180.1	12082.3	11923.3
50°	14087.9	14210.2	14197.9	14136.8	14014.5	13941.1	13947.2	13843.3	13708.8	13678.2	13470.3
47.5°	16026.2	16166.8	16142.3	16056.7	15891.7	15861.1	15891.7	15757.1	15677.6	15610.4	15365.8
45°	18569.8	18734.9	18643.2	18478.1	18215.2	18245.7	18288.5	18264.1	18092.9	17915.6	17603.7
42.5°	21553.7	21657.7	21547.6	21382.5	21052.3	21113.5	21089.0	20942.3	20838.3	20544.8	20147.4
40°	24745.5	24971.7	24800.5	24543.7	24201.3	24293.0	24225.8	24036.2	23791.6	23424.7	22923.4
37.5°	28188.0	28365.3	28169.6	27870.0	27564.3	27533.7	27399.2	27105.7	26757.2	26353.6	25552.6
35°	31483.7	31942.3	31581.5	31104.6	30731.6	30591.0	30462.6	29783.9	29386.4	28732.2	27637.7
32.5°	33935.6	34271.9	33825.6	33330.3	32877.8	32682.1	32229.7	31422.5	31208.5	29832.8	28830.0
30°	34577.6	34553.2	34088.5	33709.4	33220.2	33085.7	32254.1	31569.3	30884.5	29612.6	28658.8
27.5°	33049.0	32896.1	32449.8	32119.6	31636.6	31477.6	30658.2	30291.4	29233.5	28157.4	27350.3
25°	29643.2	29722.7	29386.4	29221.3	28903.4	28561.0	28236.9	27741.6	27081.2	26139.6	25399.7
22.5°	26958.9	27062.9	26922.3	26726.6	26482.0	26292.5	26047.9	25662.7	25026.8	24445.9	23748.8
20°	25467.0	25436.4	25314.1	25167.4	24935.0	24800.5	24531.5	24207.4	23718.2	23216.9	22464.8
17.5°	24684.3	24494.8	24378.6	24323.6	24201.3	24030.1	23712.1	23381.9	23002.8	22434.2	21883.9
15°	24103.5	24134.0	24042.3	23999.5	23901.7	23663.2	23339.1	23070.1	22556.5	22269.1	21767.7
12.5°	24066.8	24036.2	24042.3	24024.0	23901.7	23596.0	23430.9	23088.5	22758.3	22379.2	21804.4
10°	24500.9	24176.8	24201.3	24286.9	24091.2	23846.7	23669.3	23296.3	22984.5	22501.5	21932.8
7.5°	24476.4	24311.4	24360.3	24219.6	24280.8	23981.2	23736.6	23363.6	22972.3	22458.7	21945.0
5°	24623.2	24372.5	24329.7	24341.9	24189.1	23962.8	23632.6	23278.0	22911.1	22336.4	21810.5
2.5°	24286.9	24323.6	24127.9	24054.5	24036.2	23657.1	23351.4	23009.0	22629.9	22122.4	21651.5
0°	24036.2	24103.5	23901.7	23797.7	23791.6	23467.6	23271.9	22880.6	22611.5	22189.6	21621.0
-2.5°	23901.7	23981.2	24005.6	23816.1	23632.6	23381.9	23051.8	22629.9	22189.6	21700.5	21211.3
-5°	23913.9	23754.9	23687.7	23748.8	23589.8	23339.1	22972.3	22599.3	22165.2	21639.3	21027.9
-7.5°	23430.9	23271.9	23259.7	23229.1	23192.4	22953.9	22648.2	22244.6	21804.4	21315.2	20746.6
-10°	22709.3	22593.2	22562.6	22532.0	22434.2	22293.6	22006.2	21639.3	21241.9	20752.7	20147.4
-12.5°	21908.3	21853.3	21737.1	21657.7	21559.8	21394.7	21119.6	20783.3	20385.8	19951.7	19432.0
-15°	21021.7	20917.8	20801.6	20734.4	20593.7	20398.1	20122.9	19811.1	19376.9	18948.9	18459.8
-17.5°	19951.7	19823.3	19694.9	19676.5	19578.7	19279.1	19022.3	18643.2	18264.1	17854.4	17377.5
-20°	18692.1	18514.8	18429.2	18380.3	18245.7	18025.6	17750.5	17401.9	17035.1	16643.7	16093.4



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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°	17298.0	17145.1	16998.4	16906.7	16790.5	16619.3	16356.4	16050.6	15689.9	15249.6	14742.1
-25°	15714.3	15500.3	15408.6	15304.7	15243.5	15084.5	14827.7	14546.5	14173.5	13745.5	13262.4
-27.5°	13904.4	13733.2	13684.3	13537.6	13464.2	13299.1	13085.1	12822.2	12479.7	12076.2	11678.7
-30°	11905.0	11801.0	11721.5	11574.8	11519.8	11342.4	11201.8	10981.7	10669.8	10382.5	10064.5
-32.5°	9850.5	9746.6	9722.1	9654.8	9618.1	9502.0	9343.0	9184.0	8933.3	8719.3	8462.5
-35°	8028.4	7955.0	7961.1	7955.0	7918.3	7832.7	7637.0	7594.2	7410.8	7215.1	7050.0
-37.5°	6573.1	6579.2	6573.1	6567.0	6518.1	6481.4	6340.8	6285.7	6175.7	5986.1	5888.3
-40°	5478.6	5490.8	5484.7	5472.5	5417.5	5399.1	5307.4	5234.0	5191.2	5056.7	4952.8
-42.5°	4592.0	4610.4	4604.2	4598.1	4561.4	4555.3	4506.4	4420.8	4396.3	4316.9	4206.8
-45°	3919.4	3913.3	3901.1	3913.3	3895.0	3876.6	3846.0	3791.0	3760.4	3723.7	3632.0
-47.5°	3387.4	3393.6	3381.3	3381.3	3356.9	3338.5	3326.3	3289.6	3265.2	3234.6	3179.6
-50°	2947.2	2971.7	2965.5	2959.4	2941.1	2928.9	2928.9	2892.2	2855.5	2843.3	2806.6
-52.5°	2604.8	2623.1	2629.2	2641.5	2647.6	2653.7	2635.4	2598.7	2537.5	2531.4	2513.1
-55°	2292.9	2348.0	2384.7	2409.1	2433.6	2451.9	2415.2	2366.3	2305.2	2280.7	2274.6
-57.5°	2078.9	2134.0	2176.8	2213.5	2244.0	2274.6	2237.9	2189.0	2134.0	2103.4	2097.3
-60°	1883.3	1932.2	1975.0	2023.9	2066.7	2115.6	2097.3	2060.6	2030.0	2005.6	1981.1
-62.5°	1675.4	1724.3	1773.2	1834.4	1889.4	1938.3	1944.4	1938.3	1932.2	1938.3	1895.5
-65°	1504.2	1528.6	1559.2	1626.5	1687.6	1742.6	1773.2	1791.6	1822.1	1852.7	1809.9
-67.5°	1320.7	1351.3	1388.0	1436.9	1485.8	1522.5	1565.3	1614.2	1663.2	1712.1	1681.5
-70°	1155.6	1180.1	1210.7	1235.1	1265.7	1290.2	1326.9	1381.9	1436.9	1485.8	1473.6
-72.5°	984.4	1008.9	1027.2	1039.5	1057.8	1070.0	1088.4	1137.3	1174.0	1198.4	1198.4
-75°	813.2	837.7	856.0	862.1	874.4	880.5	892.7	911.1	929.4	935.5	941.6
-77.5°	623.7	648.1	666.5	678.7	690.9	703.2	709.3	721.5	727.6	727.6	733.7
-80°	464.7	483.0	495.3	513.6	519.7	532.0	544.2	550.3	556.4	556.4	562.5
-82.5°	330.2	342.4	354.6	366.9	379.1	385.2	397.4	403.6	409.7	415.8	421.9
-85°	220.1	232.4	244.6	256.8	262.9	269.0	275.2	281.3	287.4	293.5	299.6
-87.5°	128.4	134.5	140.6	152.9	159.0	171.2	177.3	171.2	177.3	177.3	177.3
-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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**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°	238.5	238.5	238.5	238.5	232.4	220.1	214.0	201.8	189.6	177.3	165.1
85°	495.3	501.4	501.4	501.4	489.2	483.0	464.7	446.4	421.9	385.2	354.6
82.5°	825.5	831.6	831.6	825.5	813.2	794.9	770.4	739.9	690.9	642.0	599.2
80°	1241.2	1247.4	1247.4	1241.2	1210.7	1180.1	1149.5	1112.8	1051.7	984.4	911.1
77.5°	1736.5	1748.8	1748.8	1730.4	1687.6	1650.9	1602.0	1540.9	1449.1	1351.3	1253.5
75°	2311.3	2341.9	2348.0	2329.6	2274.6	2207.3	2127.9	2023.9	1883.3	1761.0	1644.8
72.5°	2977.8	3008.3	3032.8	3008.3	2928.9	2837.1	2721.0	2598.7	2458.0	2292.9	2097.3
70°	3852.2	3882.7	3901.1	3821.6	3680.9	3528.1	3387.4	3246.8	3081.7	2879.9	2665.9
67.5°	4952.8	4922.2	4885.5	4726.5	4549.2	4365.8	4170.1	3962.2	3748.2	3534.2	3283.5
65°	6010.6	5925.0	5845.5	5655.9	5429.7	5191.2	4965.0	4732.6	4475.8	4206.8	3968.3
62.5°	7123.4	6940.0	6744.3	6512.0	6279.6	6016.7	5790.5	5515.3	5227.9	4897.7	4592.0
60°	8217.9	7997.8	7802.1	7514.8	7209.0	6854.4	6609.8	6340.8	6004.5	5649.8	5289.1
57.5°	9275.7	9037.3	8823.3	8572.6	8242.4	7857.2	7588.1	7239.6	6885.0	6438.6	6071.7
55°	10400.8	10162.3	9991.1	9709.9	9349.1	8994.5	8701.0	8334.1	7838.8	7361.9	6909.4
52.5°	11691.0	11501.4	11318.0	11030.6	10596.5	10235.7	9911.6	9502.0	8982.2	8395.2	7851.1
50°	13134.0	13036.2	12840.5	12504.2	12008.9	11691.0	11263.0	10718.8	10162.3	9544.8	8866.1
47.5°	15047.8	14888.9	14613.7	14246.8	13831.1	13354.1	12779.4	12143.4	11354.7	10669.8	9948.3
45°	17334.7	17041.2	16686.5	16191.3	15677.6	15139.6	14509.8	13702.7	12644.8	11752.1	10993.9
42.5°	19811.1	19413.6	18930.6	18282.4	17615.9	16955.6	16276.9	15176.3	13855.5	12828.3	11972.2
40°	22397.5	21890.0	21284.7	20343.0	19603.2	18753.3	17976.7	16331.9	14925.6	13812.7	12901.6
37.5°	24928.9	24286.9	23271.9	22128.5	21266.3	20569.3	18863.3	17102.3	15842.7	14619.8	13696.5
35°	26867.2	26323.0	24531.5	23345.3	22605.4	21504.8	19370.8	17567.0	16234.1	15219.1	13782.1
32.5°	28016.8	26610.4	25039.0	23840.5	23229.1	21425.3	19407.5	17701.6	16417.5	15280.2	13562.0
30°	27759.9	26060.1	24684.3	23681.6	22354.7	20734.4	19065.1	17493.7	16246.3	14870.5	13317.4
27.5°	26213.0	24898.3	23669.3	22623.7	21321.4	19866.1	18325.2	16943.4	15781.6	14448.6	12981.1
25°	24464.2	23271.9	22360.8	21449.8	20214.6	18826.6	17469.2	16472.5	15304.7	13990.0	12540.9
22.5°	22856.1	22000.1	21284.7	20330.8	19126.2	17915.6	17071.8	16038.4	14840.0	13507.0	12088.4
20°	21828.9	21248.0	20428.6	19376.9	18429.2	17671.0	16735.5	15641.0	14405.8	13011.7	11703.2
17.5°	21333.6	20661.0	19749.9	19065.1	18337.5	17505.9	16460.3	15298.5	13983.9	12785.5	11746.0
15°	21076.8	20367.5	19768.3	19095.7	18276.3	17401.9	16240.2	15035.6	13983.9	12877.2	11776.6
12.5°	21131.8	20520.3	19866.1	19132.4	18251.9	17316.3	16264.6	15145.7	14057.3	12944.5	11782.7
10°	21303.0	20661.0	19963.9	19150.7	18264.1	17340.8	16331.9	15212.9	14094.0	12975.0	11770.5
7.5°	21364.2	20667.1	19921.1	19101.8	18233.5	17328.6	16344.1	15231.3	14100.1	12968.9	11733.8
5°	21174.6	20544.8	19823.3	18997.8	18147.9	17267.4	16295.2	15206.8	14051.2	12907.8	11642.1
2.5°	20917.8	20410.3	19719.3	18924.5	18062.3	17181.8	16215.7	15096.8	13941.1	12797.7	11525.9
0°	20875.0	20245.2	19548.1	18838.9	17921.7	16992.3	16032.3	14888.9	13739.3	12589.8	11324.1
-2.5°	20593.7	19927.2	19230.2	18459.8	17652.6	16717.1	15708.2	14589.3	13452.0	12320.8	11104.0
-5°	20379.7	19639.9	18900.0	18068.4	17255.2	16319.7	15274.1	14185.7	13072.9	11972.2	10798.3
-7.5°	20092.3	19334.1	18557.6	17689.3	16808.8	15855.0	14821.6	13733.2	12638.7	11544.2	10419.2
-10°	19511.5	18845.0	18117.3	17218.5	16289.1	15335.2	14308.0	13237.9	12143.4	11036.7	9905.5
-12.5°	18808.3	18105.1	17310.2	16484.8	15653.2	14766.6	13739.3	12687.6	11587.0	10474.2	9349.1
-15°	17897.2	17206.3	16393.0	15585.9	14784.9	13935.0	13030.1	12082.3	10963.3	9868.8	8743.8
-17.5°	16759.9	16111.8	15384.1	14613.7	13818.8	12962.8	12082.3	11281.3	10235.7	9208.5	8095.6
-20°	15537.0	14931.7	14277.4	13549.8	12754.9	11917.2	11085.6	10247.9	9343.0	8438.0	7404.7



REPORT NUMBER: P722099  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	14265.2	13653.7	12993.4	12314.7	11580.9	10804.4	10033.9	9232.9	8438.0	7618.7	6744.3
-25°	12797.7	12259.6	11654.3	10993.9	10339.7	9661.0	8927.2	8199.6	7520.9	6811.6	6096.2
-27.5°	11263.0	10767.7	10217.4	9642.6	9080.1	8511.4	7875.5	7202.9	6640.4	6053.4	5460.3
-30°	9648.7	9251.3	8804.9	8303.5	7869.4	7410.8	6878.8	6322.4	5808.8	5362.4	4885.5
-32.5°	8120.1	7783.8	7465.8	7135.7	6707.6	6353.0	5986.1	5576.4	5124.0	4702.1	4359.7
-35°	6805.5	6444.7	6310.2	6065.6	5759.9	5448.0	5179.0	4885.5	4543.1	4170.1	3888.8
-37.5°	5698.7	5484.7	5295.2	5160.7	4958.9	4708.2	4494.2	4280.2	4017.2	3736.0	3454.7
-40°	4836.6	4689.8	4481.9	4414.7	4286.3	4115.1	3895.0	3729.9	3552.5	3338.5	3100.1
-42.5°	4145.6	4035.6	3901.1	3784.9	3729.9	3607.6	3436.4	3277.4	3136.8	2990.0	2806.6
-45°	3577.0	3503.6	3418.0	3314.1	3271.3	3173.4	3051.1	2873.8	2794.3	2672.0	2537.5
-47.5°	3118.4	3081.7	3020.6	2953.3	2892.2	2818.8	2708.7	2598.7	2488.6	2409.1	2305.2
-50°	2757.7	2733.2	2696.5	2641.5	2562.0	2513.1	2439.7	2341.9	2237.9	2170.7	2097.3
-52.5°	2470.3	2445.8	2421.4	2378.6	2317.4	2268.5	2207.3	2127.9	2042.3	1975.0	1913.8
-55°	2250.1	2213.5	2195.1	2158.4	2109.5	2054.5	1999.4	1944.4	1871.0	1809.9	1748.8
-57.5°	2078.9	2030.0	2005.6	1975.0	1926.1	1871.0	1828.2	1773.2	1724.3	1657.0	1602.0
-60°	1944.4	1889.4	1840.5	1809.9	1767.1	1712.1	1669.3	1626.5	1577.5	1522.5	1455.3
-62.5°	1834.4	1767.1	1699.8	1663.2	1620.3	1571.4	1528.6	1485.8	1436.9	1381.9	1320.7
-65°	1730.4	1650.9	1565.3	1528.6	1485.8	1436.9	1381.9	1351.3	1308.5	1259.6	1198.4
-67.5°	1602.0	1516.4	1443.0	1400.2	1357.4	1314.6	1265.7	1235.1	1192.3	1131.2	1070.0
-70°	1412.5	1357.4	1308.5	1271.8	1235.1	1198.4	1149.5	1100.6	1051.7	996.7	941.6
-72.5°	1174.0	1155.6	1149.5	1131.2	1088.4	1045.6	996.7	947.8	904.9	862.1	819.3
-75°	947.8	960.0	972.2	966.1	923.3	880.5	837.7	794.9	764.3	727.6	690.9
-77.5°	752.1	764.3	776.5	776.5	746.0	721.5	690.9	660.4	635.9	605.3	568.7
-80°	580.9	599.2	617.6	629.8	605.3	587.0	562.5	538.1	513.6	489.2	464.7
-82.5°	440.2	458.6	476.9	489.2	470.8	458.6	440.2	421.9	403.6	379.1	360.8
-85°	318.0	330.2	342.4	348.5	336.3	324.1	311.8	299.6	287.4	269.0	256.8
-87.5°	183.4	189.6	195.7	201.8	189.6	177.3	171.2	159.0	152.9	140.6	134.5
-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-SA7E-740-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°	152.9	140.6	128.4	122.3	110.1	91.7	79.5	67.3	55.0	42.8	36.7
85°	324.1	293.5	256.8	238.5	214.0	189.6	165.1	140.6	116.2	91.7	67.3
82.5°	556.4	519.7	483.0	440.2	385.2	318.0	250.7	207.9	171.2	134.5	103.9
80°	837.7	770.4	709.3	654.3	593.1	507.5	415.8	330.2	232.4	177.3	134.5
77.5°	1161.8	1082.3	996.7	904.9	807.1	690.9	587.0	476.9	360.8	244.6	171.2
75°	1528.6	1424.7	1308.5	1180.1	1051.7	898.8	752.1	623.7	489.2	342.4	207.9
72.5°	1938.3	1809.9	1669.3	1498.1	1296.3	1119.0	941.6	770.4	611.5	434.1	281.3
70°	2464.2	2262.4	2054.5	1871.0	1614.2	1333.0	1125.1	929.4	727.6	532.0	354.6
67.5°	3026.7	2782.1	2531.4	2262.4	1938.3	1608.1	1308.5	1088.4	849.9	623.7	421.9
65°	3638.1	3332.4	3014.5	2714.8	2268.5	1877.2	1540.9	1241.2	966.1	709.3	489.2
62.5°	4267.9	3907.2	3540.3	3149.0	2635.4	2152.3	1761.0	1412.5	1076.2	788.8	550.3
60°	4940.5	4518.6	4072.3	3583.1	2983.9	2451.9	1968.9	1589.8	1192.3	868.3	617.6
57.5°	5649.8	5191.2	4665.4	4005.0	3344.6	2739.3	2207.3	1748.8	1296.3	941.6	666.5
55°	6420.3	5894.4	5319.6	4445.3	3699.3	3026.7	2445.8	1907.7	1406.3	1002.8	715.4
52.5°	7251.8	6640.4	5912.7	4910.0	4072.3	3320.2	2665.9	2048.4	1510.3	1070.0	758.2
50°	8181.2	7410.8	6432.5	5338.0	4396.3	3595.3	2886.1	2201.2	1595.9	1143.4	794.9
47.5°	9147.3	8315.8	6897.2	5735.4	4726.5	3864.4	3112.3	2335.7	1681.5	1204.6	831.6
45°	10156.2	8945.6	7380.2	6090.1	5013.9	4109.0	3283.5	2458.0	1785.4	1259.6	862.1
42.5°	11152.9	9422.5	7802.1	6444.7	5283.0	4329.1	3424.1	2574.2	1871.0	1314.6	892.7
40°	11623.7	9783.2	8138.4	6689.3	5509.2	4524.7	3546.4	2678.2	1944.4	1351.3	923.3
37.5°	11819.4	10003.4	8358.6	6921.6	5686.5	4628.7	3650.4	2769.9	2005.6	1388.0	947.8
35°	11862.2	10082.9	8468.6	7080.6	5833.3	4726.5	3729.9	2837.1	2054.5	1424.7	972.2
32.5°	11782.7	10058.4	8499.2	7135.7	5925.0	4799.9	3784.9	2886.1	2091.2	1461.4	996.7
30°	11605.4	9930.0	8389.1	7129.5	5992.2	4842.7	3821.6	2922.7	2127.9	1485.8	1008.9
27.5°	11318.0	9703.8	8248.5	7135.7	6028.9	4861.0	3839.9	2941.1	2152.3	1504.2	1033.4
25°	10963.3	9398.0	8254.6	7123.4	6035.0	4867.2	3839.9	2941.1	2158.4	1510.3	1051.7
22.5°	10553.7	9398.0	8254.6	7105.1	5998.3	4854.9	3821.6	2928.9	2158.4	1522.5	1070.0
20°	10578.1	9404.1	8236.3	7068.4	5943.3	4818.2	3778.8	2898.3	2140.1	1540.9	1082.3
17.5°	10596.5	9391.9	8199.6	7019.5	5869.9	4757.1	3723.7	2855.5	2140.1	1559.2	1088.4
15°	10596.5	9355.2	8144.5	6946.1	5778.2	4671.5	3644.3	2818.8	2146.2	1565.3	1100.6
12.5°	10578.1	9288.0	8058.9	6848.3	5668.2	4567.6	3595.3	2806.6	2146.2	1571.4	1100.6
10°	10541.4	9196.2	7948.9	6726.0	5564.2	4530.9	3570.9	2782.1	2134.0	1571.4	1100.6
7.5°	10474.2	9086.2	7857.2	6652.6	5503.1	4488.1	3534.2	2745.4	2115.6	1559.2	1112.8
5°	10370.2	9025.0	7783.8	6567.0	5417.5	4457.5	3509.7	2714.8	2103.4	1559.2	1100.6
2.5°	10235.7	8951.7	7698.2	6456.9	5319.6	4353.5	3430.2	2647.6	2060.6	1534.7	1088.4
0°	10015.6	8804.9	7551.4	6304.1	5185.1	4249.6	3350.8	2580.3	2017.8	1510.3	1076.2
-2.5°	9813.8	8609.3	7361.9	6145.1	5056.7	4157.9	3289.6	2543.6	1999.4	1504.2	1070.0
-5°	9532.5	8340.2	7111.2	5937.2	4885.5	4066.2	3228.5	2500.8	1981.1	1491.9	1070.0
-7.5°	9220.7	8058.9	6848.3	5723.2	4714.3	3907.2	3112.3	2433.6	1938.3	1467.5	1063.9
-10°	8737.7	7637.0	6518.1	5478.6	4530.9	3766.5	3014.5	2372.4	1901.6	1443.0	1039.5
-12.5°	8224.0	7172.3	6139.0	5179.0	4323.0	3619.8	2904.4	2305.2	1858.8	1418.6	1027.2
-15°	7679.8	6695.4	5741.5	4867.2	4096.7	3442.5	2788.2	2231.8	1816.0	1388.0	1008.9
-17.5°	7111.2	6194.0	5331.9	4549.2	3870.5	3259.0	2665.9	2164.5	1767.1	1357.4	990.6
-20°	6512.0	5680.4	4916.1	4225.1	3632.0	3075.6	2537.5	2085.1	1712.1	1320.7	966.1



REPORT NUMBER: P722099

CATALOG NUMBER: IFLD-L-SA7E-740-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5918.9	5172.9	4488.1	3907.2	3387.4	2886.1	2409.1	2005.6	1650.9	1277.9	947.8
-25°	5393.0	4696.0	4109.0	3601.5	3149.0	2702.6	2274.6	1926.1	1583.7	1235.1	923.3
-27.5°	4879.4	4286.3	3736.0	3314.1	2916.6	2525.3	2146.2	1840.5	1516.4	1186.2	898.8
-30°	4402.5	3895.0	3442.5	3032.8	2696.5	2366.3	2036.1	1754.9	1443.0	1137.3	868.3
-32.5°	3968.3	3558.7	3179.6	2788.2	2488.6	2207.3	1932.2	1669.3	1369.7	1088.4	837.7
-35°	3564.8	3246.8	2916.6	2586.4	2280.7	2060.6	1822.1	1577.5	1302.4	1033.4	807.1
-37.5°	3204.0	2947.2	2684.3	2403.0	2140.1	1920.0	1718.2	1485.8	1235.1	984.4	776.5
-40°	2892.2	2684.3	2451.9	2225.7	2005.6	1797.7	1614.2	1394.1	1167.9	947.8	746.0
-42.5°	2604.8	2445.8	2256.3	2066.7	1871.0	1687.6	1510.3	1296.3	1100.6	904.9	715.4
-45°	2384.7	2225.7	2072.8	1901.6	1736.5	1577.5	1400.2	1210.7	1039.5	856.0	684.8
-47.5°	2176.8	2036.1	1895.5	1754.9	1620.3	1473.6	1296.3	1137.3	972.2	813.2	660.4
-50°	1993.3	1858.8	1736.5	1614.2	1498.1	1357.4	1192.3	1063.9	917.2	770.4	629.8
-52.5°	1822.1	1706.0	1583.7	1485.8	1388.0	1247.4	1112.8	990.6	862.1	721.5	599.2
-55°	1669.3	1559.2	1449.1	1357.4	1265.7	1143.4	1033.4	929.4	807.1	684.8	568.7
-57.5°	1522.5	1430.8	1326.9	1241.2	1149.5	1051.7	960.0	862.1	752.1	648.1	538.1
-60°	1388.0	1302.4	1210.7	1125.1	1045.6	966.1	880.5	801.0	703.2	605.3	507.5
-62.5°	1253.5	1180.1	1100.6	1015.0	953.9	880.5	813.2	733.7	654.3	568.7	452.5
-65°	1131.2	1063.9	990.6	917.2	862.1	807.1	746.0	672.6	605.3	525.8	403.6
-67.5°	1008.9	947.8	886.6	825.5	776.5	733.7	672.6	617.6	562.5	476.9	354.6
-70°	892.7	843.8	788.8	739.9	703.2	654.3	611.5	562.5	513.6	415.8	299.6
-72.5°	782.7	733.7	690.9	654.3	623.7	580.9	544.2	507.5	440.2	348.5	250.7
-75°	654.3	623.7	599.2	568.7	538.1	507.5	476.9	434.1	366.9	281.3	195.7
-77.5°	538.1	519.7	501.4	476.9	452.5	428.0	391.3	348.5	293.5	220.1	159.0
-80°	440.2	421.9	409.7	385.2	366.9	342.4	305.7	269.0	214.0	171.2	128.4
-82.5°	336.3	324.1	311.8	299.6	281.3	256.8	220.1	189.6	159.0	128.4	97.8
-85°	238.5	232.4	220.1	207.9	189.6	171.2	146.7	128.4	110.1	85.6	67.3
-87.5°	122.3	116.2	110.1	103.9	97.8	85.6	73.4	61.1	55.0	42.8	30.6
-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: P722099  
 CATALOG NUMBER: IFLD-L-SA7E-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	24.5	18.3	6.1	0.0
85°	48.9	30.6	12.2	0.0
82.5°	73.4	48.9	18.3	0.0
80°	97.8	61.1	30.6	0.0
77.5°	122.3	73.4	36.7	0.0
75°	146.7	91.7	42.8	0.0
72.5°	165.1	103.9	48.9	0.0
70°	195.7	122.3	55.0	0.0
67.5°	244.6	134.5	61.1	0.0
65°	287.4	146.7	67.3	0.0
62.5°	336.3	159.0	73.4	0.0
60°	379.1	171.2	79.5	0.0
57.5°	421.9	201.8	85.6	0.0
55°	458.6	226.2	91.7	0.0
52.5°	501.4	250.7	97.8	0.0
50°	538.1	275.2	103.9	0.0
47.5°	568.7	299.6	103.9	0.0
45°	593.1	318.0	110.1	0.0
42.5°	611.5	336.3	116.2	0.0
40°	629.8	354.6	122.3	0.0
37.5°	648.1	373.0	122.3	0.0
35°	666.5	391.3	128.4	0.0
32.5°	684.8	409.7	128.4	0.0
30°	697.1	421.9	134.5	0.0
27.5°	715.4	434.1	134.5	0.0
25°	721.5	446.4	140.6	0.0
22.5°	733.7	452.5	140.6	0.0
20°	746.0	464.7	140.6	0.0
17.5°	752.1	470.8	146.7	0.0
15°	752.1	476.9	152.9	0.0
12.5°	758.2	483.0	152.9	0.0
10°	758.2	495.3	146.7	0.0
7.5°	770.4	489.2	146.7	0.0
5°	764.3	489.2	146.7	0.0
2.5°	758.2	483.0	146.7	0.0
0°	752.1	483.0	146.7	0.0
-2.5°	752.1	483.0	146.7	0.0
-5°	752.1	483.0	146.7	0.0
-7.5°	746.0	489.2	146.7	0.0
-10°	733.7	489.2	146.7	0.0
-12.5°	727.6	470.8	146.7	0.0
-15°	721.5	464.7	146.7	0.0
-17.5°	709.3	458.6	140.6	0.0
-20°	697.1	452.5	140.6	0.0



REPORT NUMBER: P722099

CATALOG NUMBER: IFLD-L-SA7E-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	684.8	440.2	140.6	0.0
-25°	672.6	428.0	134.5	0.0
-27.5°	660.4	415.8	134.5	0.0
-30°	642.0	403.6	128.4	0.0
-32.5°	623.7	391.3	128.4	0.0
-35°	611.5	373.0	122.3	0.0
-37.5°	593.1	354.6	122.3	0.0
-40°	574.8	336.3	116.2	0.0
-42.5°	556.4	318.0	110.1	0.0
-45°	532.0	299.6	110.1	0.0
-47.5°	513.6	281.3	103.9	0.0
-50°	483.0	256.8	97.8	0.0
-52.5°	446.4	232.4	91.7	0.0
-55°	409.7	214.0	85.6	0.0
-57.5°	373.0	189.6	85.6	0.0
-60°	336.3	165.1	79.5	0.0
-62.5°	299.6	152.9	73.4	0.0
-65°	262.9	140.6	67.3	0.0
-67.5°	220.1	122.3	61.1	0.0
-70°	183.4	110.1	55.0	0.0
-72.5°	159.0	97.8	48.9	0.0
-75°	134.5	85.6	42.8	0.0
-77.5°	116.2	73.4	36.7	0.0
-80°	91.7	55.0	24.5	0.0
-82.5°	67.3	42.8	18.3	0.0
-85°	42.8	30.6	12.2	0.0
-87.5°	24.5	12.2	6.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)