

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: P722189

Luminaire Tested: **IFLD-L-SA8C-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722189  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

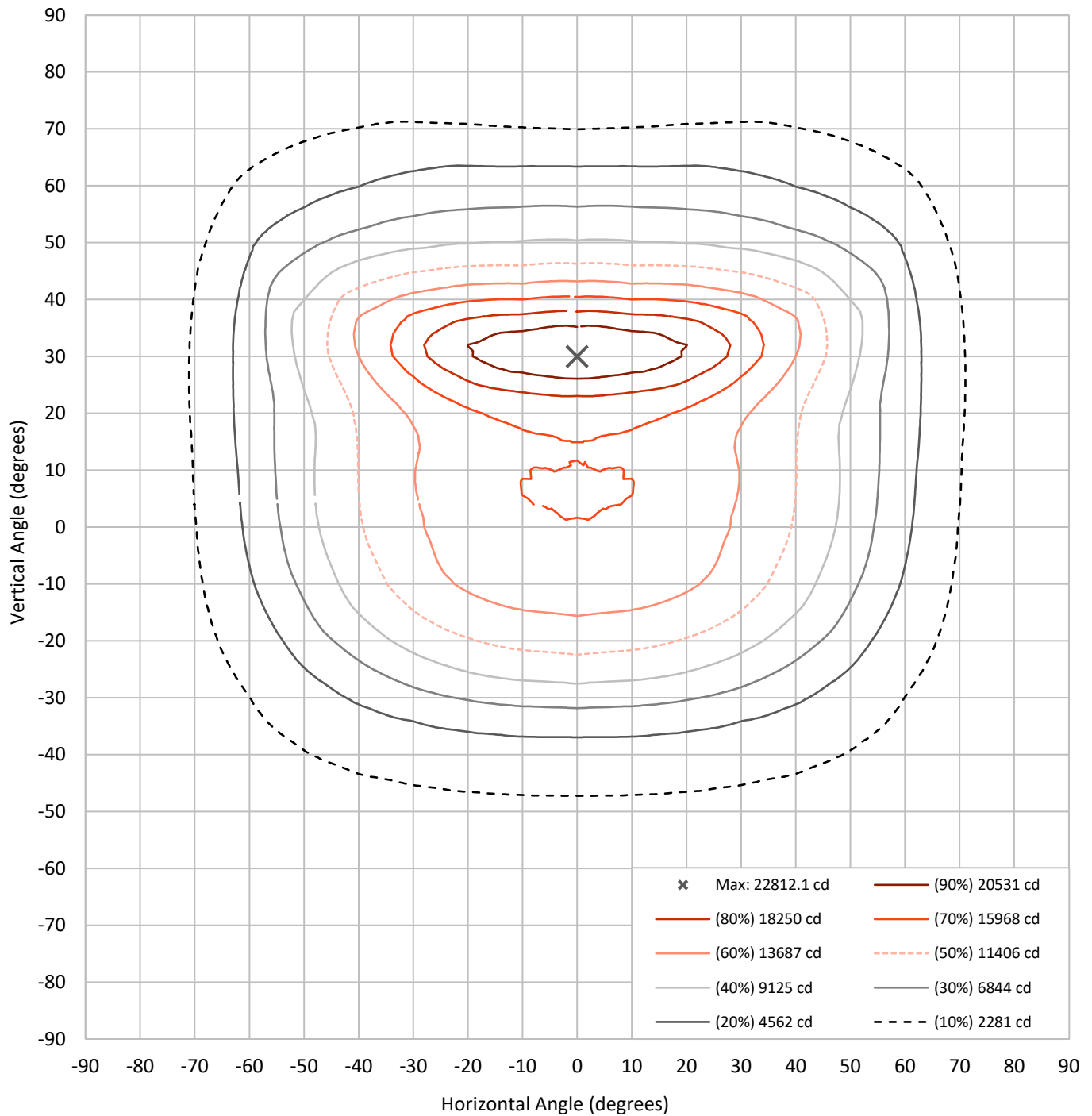
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	38079.2 lumens	Max Intensity:	22812.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22143.5 lumens	Field Lumens:	35685.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3  
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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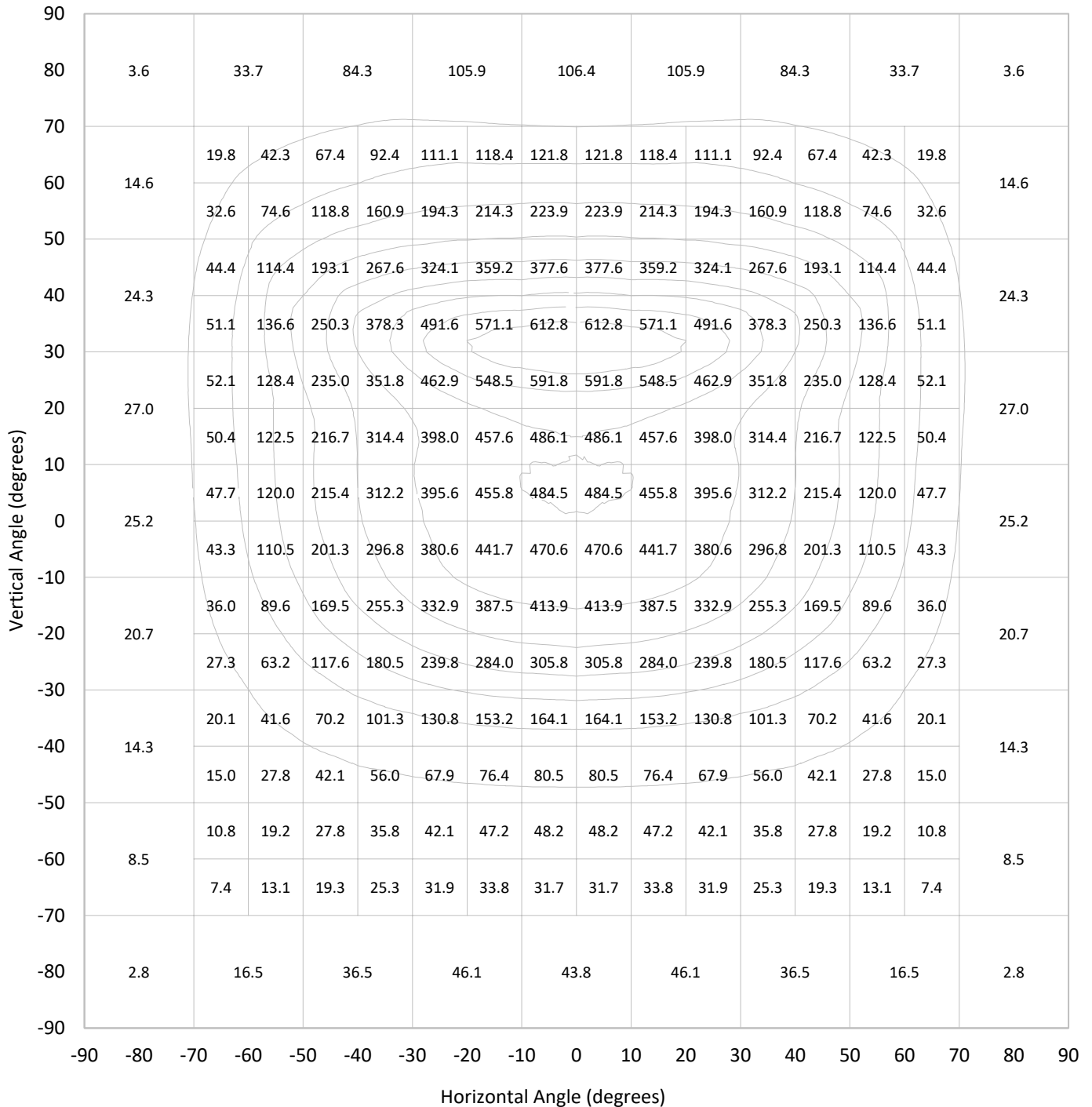
### Iso-Candela Plot





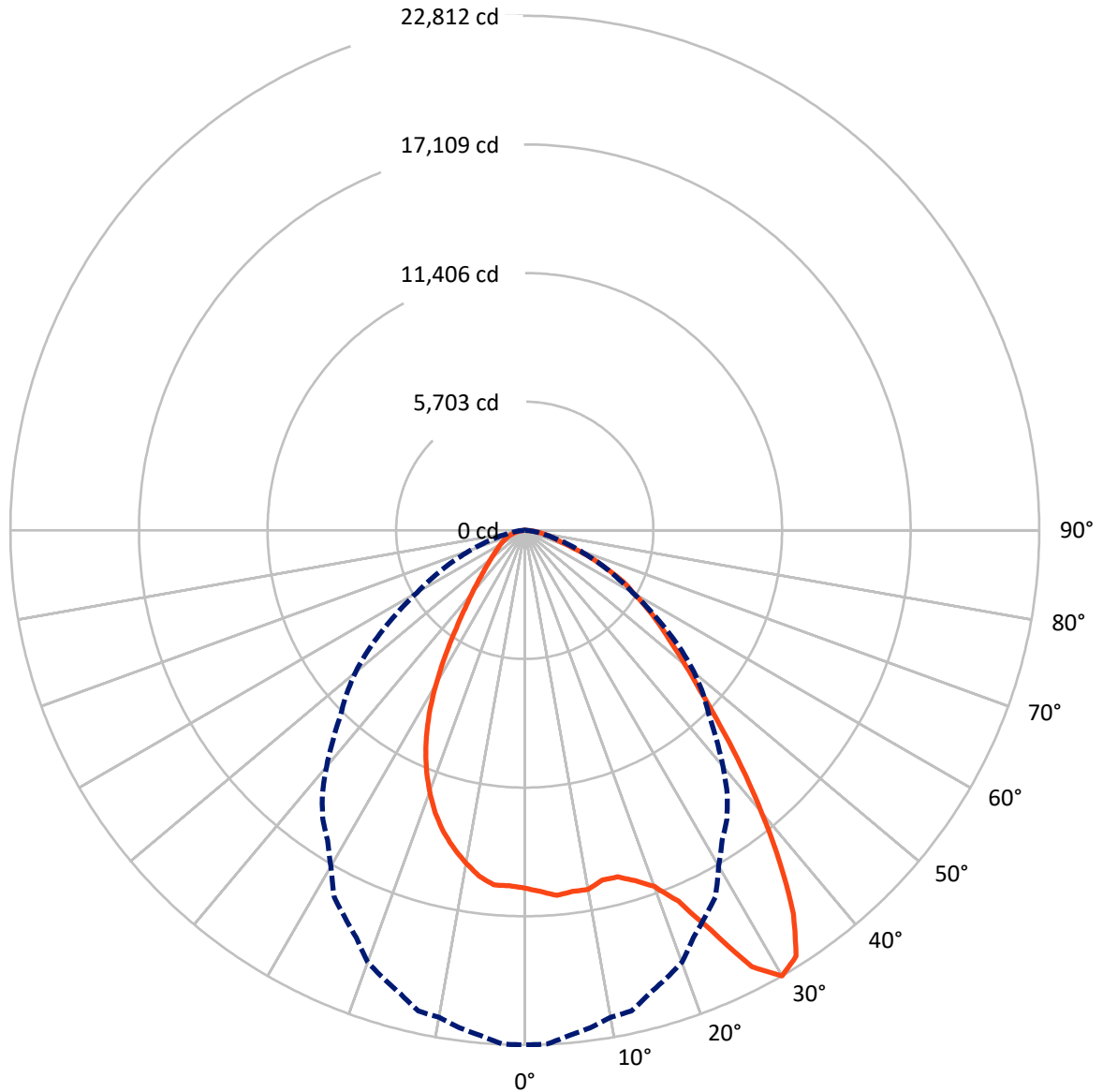
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### Lumen Table



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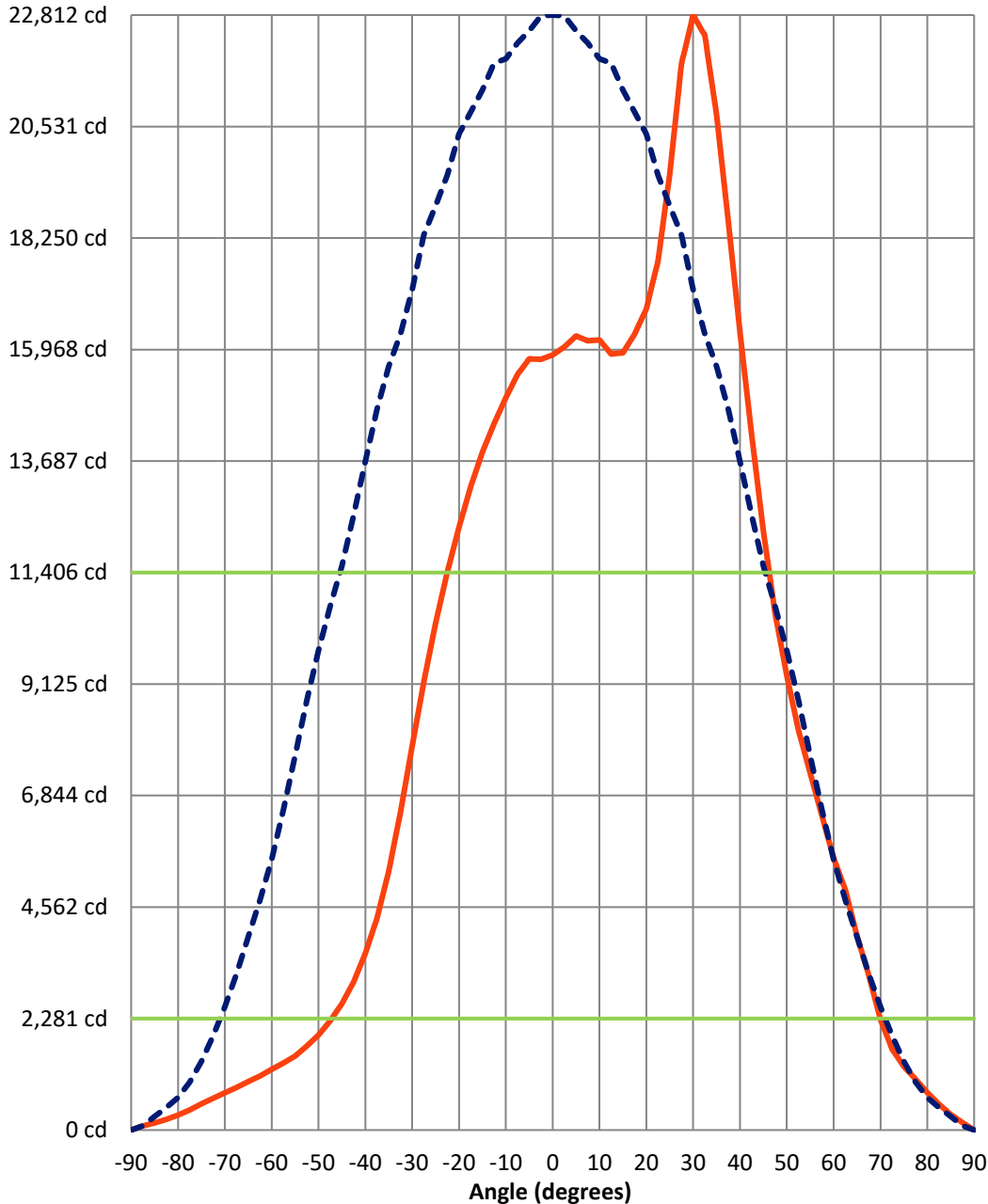
### Luminous Intensity Polar Plot



— 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: 22143.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 35685.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2394.1  
 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°	153.3	157.3	161.4	161.4	157.3	157.3	157.3	153.3	157.3	157.3	157.3
85°	318.7	326.8	334.8	330.8	326.8	318.7	310.6	314.7	318.7	322.7	322.7
82.5°	528.5	540.6	548.6	544.6	536.5	528.5	520.4	524.4	532.5	536.5	536.5
80°	766.5	770.5	774.5	782.6	770.5	770.5	766.5	782.6	790.7	798.7	806.8
77.5°	1040.8	1044.8	1044.8	1048.8	1052.9	1056.9	1056.9	1085.1	1105.3	1117.4	1129.5
75°	1298.9	1311.0	1323.1	1335.2	1351.4	1359.5	1371.6	1411.9	1444.2	1468.4	1492.6
72.5°	1653.9	1670.1	1690.2	1718.5	1746.7	1766.9	1795.1	1843.5	1879.8	1904.0	1932.3
70°	2263.1	2279.2	2299.4	2319.5	2347.8	2367.9	2396.2	2456.7	2493.0	2509.1	2525.3
67.5°	3166.7	3207.0	3243.3	3203.0	3182.8	3154.6	3162.6	3219.1	3255.4	3279.6	3275.6
65°	3969.4	3997.7	3997.7	3993.6	3977.5	3941.2	3961.4	4029.9	4070.3	4090.5	4029.9
62.5°	4913.4	4913.4	4893.2	4925.5	4929.5	4905.3	4893.2	4897.2	4901.3	4913.4	4812.5
60°	5566.9	5607.2	5619.3	5647.6	5655.6	5655.6	5675.8	5691.9	5691.9	5667.7	5550.8
57.5°	6430.2	6506.8	6522.9	6502.8	6462.4	6410.0	6401.9	6377.7	6329.3	6280.9	6224.4
55°	7301.5	7341.8	7337.8	7325.7	7285.4	7224.9	7232.9	7200.6	7124.0	7063.5	6986.8
52.5°	8176.9	8273.7	8289.8	8265.6	8209.1	8144.6	8148.6	8112.3	8035.7	7971.1	7866.3
50°	9294.3	9375.0	9366.9	9326.6	9245.9	9197.5	9201.5	9132.9	9044.2	9024.0	8886.9
47.5°	10573.1	10665.8	10649.7	10593.2	10484.3	10464.1	10484.3	10395.6	10343.1	10298.7	10137.4
45°	12251.2	12360.1	12299.6	12190.7	12017.2	12037.4	12065.6	12049.5	11936.5	11819.6	11613.8
42.5°	14219.8	14288.3	14215.7	14106.8	13889.0	13929.3	13913.2	13816.4	13747.8	13554.2	13292.0
40°	16325.5	16474.8	16361.8	16192.4	15966.5	16027.0	15982.6	15857.6	15696.2	15454.2	15123.4
37.5°	18596.6	18713.6	18584.5	18386.9	18185.2	18165.0	18076.3	17882.6	17652.7	17386.4	16858.0
35°	20770.9	21073.5	20835.5	20520.8	20274.8	20182.0	20097.3	19649.5	19387.3	18955.7	18233.6
32.5°	22388.6	22610.4	22316.0	21989.2	21690.7	21561.6	21263.1	20730.6	20589.4	19681.8	19020.2
30°	22812.1	22796.0	22489.4	22239.3	21916.6	21827.9	21279.2	20827.4	20375.6	19536.6	18907.3
27.5°	21803.6	21702.8	21408.3	21190.5	20871.8	20766.9	20226.4	19984.3	19286.4	18576.5	18044.0
25°	19556.7	19609.2	19387.3	19278.4	19068.6	18842.7	18628.9	18302.2	17866.5	17245.3	16757.1
22.5°	17785.8	17854.4	17761.6	17632.5	17471.2	17346.1	17184.7	16930.6	16511.1	16127.8	15668.0
20°	16801.5	16781.3	16700.7	16603.9	16450.6	16361.8	16184.3	15970.5	15647.8	15317.0	14820.8
17.5°	16285.2	16160.1	16083.5	16047.2	15966.5	15853.5	15643.8	15425.9	15175.8	14800.7	14437.6
15°	15901.9	15922.1	15861.6	15833.4	15768.8	15611.5	15397.7	15220.2	14881.3	14691.7	14361.0
12.5°	15877.7	15857.6	15861.6	15849.5	15768.8	15567.1	15458.2	15232.3	15014.5	14764.4	14385.2
10°	16164.1	15950.3	15966.5	16023.0	15893.9	15732.5	15615.5	15369.5	15163.7	14845.0	14469.9
7.5°	16148.0	16039.1	16071.4	15978.6	16018.9	15821.3	15659.9	15413.8	15155.7	14816.8	14477.9
5°	16244.8	16079.4	16051.2	16059.3	15958.4	15809.2	15591.3	15357.4	15115.3	14736.1	14389.2
2.5°	16023.0	16047.2	15918.1	15869.7	15857.6	15607.5	15405.8	15179.9	14929.8	14594.9	14284.3
0°	15857.6	15901.9	15768.8	15700.2	15696.2	15482.4	15353.3	15095.1	14917.6	14639.3	14264.1
-2.5°	15768.8	15821.3	15837.4	15712.3	15591.3	15425.9	15208.1	14929.8	14639.3	14316.6	13993.9
-5°	15776.9	15672.0	15627.6	15668.0	15563.1	15397.7	15155.7	14909.6	14623.2	14276.2	13872.8
-7.5°	15458.2	15353.3	15345.3	15325.1	15300.9	15143.6	14941.9	14675.6	14385.2	14062.4	13687.3
-10°	14982.2	14905.5	14885.4	14865.2	14800.7	14707.9	14518.3	14276.2	14014.0	13691.3	13292.0
-12.5°	14453.7	14417.4	14340.8	14288.3	14223.8	14114.9	13933.4	13711.5	13449.3	13162.9	12820.0
-15°	13868.8	13800.2	13723.6	13679.2	13586.4	13457.3	13275.8	13070.1	12783.7	12501.3	12178.6
-17.5°	13162.9	13078.2	12993.4	12981.3	12916.8	12719.1	12549.7	12299.6	12049.5	11779.2	11464.6
-20°	12331.9	12214.9	12158.4	12126.1	12037.4	11892.2	11710.6	11480.7	11238.7	10980.5	10617.4



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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°	11412.1	11311.3	11214.5	11153.9	11077.3	10964.4	10790.9	10589.2	10351.2	10060.7	9725.9
-25°	10367.3	10226.1	10165.6	10097.0	10056.7	9951.8	9782.4	9596.8	9350.8	9068.4	8749.7
-27.5°	9173.3	9060.3	9028.0	8931.2	8882.8	8773.9	8632.7	8459.3	8233.3	7967.1	7704.9
-30°	7854.2	7785.6	7733.1	7636.3	7600.0	7483.0	7390.2	7245.0	7039.3	6849.7	6639.9
-32.5°	6498.7	6430.2	6414.0	6369.7	6345.4	6268.8	6163.9	6059.0	5893.6	5752.5	5583.0
-35°	5296.6	5248.2	5252.2	5248.2	5224.0	5167.5	5038.4	5010.2	4889.2	4760.1	4651.2
-37.5°	4336.5	4340.6	4336.5	4332.5	4300.2	4276.0	4183.2	4146.9	4074.3	3949.3	3884.7
-40°	3614.4	3622.5	3618.5	3610.4	3574.1	3562.0	3501.5	3453.1	3424.8	3336.1	3267.5
-42.5°	3029.5	3041.6	3037.6	3033.6	3009.3	3005.3	2973.0	2916.6	2900.4	2848.0	2775.4
-45°	2585.8	2581.7	2573.7	2581.7	2569.6	2557.5	2537.4	2501.1	2480.9	2456.7	2396.2
-47.5°	2234.8	2238.9	2230.8	2230.8	2214.7	2202.6	2194.5	2170.3	2154.1	2134.0	2097.7
-50°	1944.4	1960.5	1956.5	1952.4	1940.3	1932.3	1932.3	1908.1	1883.9	1875.8	1851.6
-52.5°	1718.5	1730.6	1734.6	1742.7	1746.7	1750.7	1738.6	1714.4	1674.1	1670.1	1658.0
-55°	1512.7	1549.0	1573.3	1589.4	1605.5	1617.6	1593.4	1561.1	1520.8	1504.7	1500.6
-57.5°	1371.6	1407.9	1436.1	1460.3	1480.5	1500.6	1476.4	1444.2	1407.9	1387.7	1383.7
-60°	1242.5	1274.7	1303.0	1335.2	1363.5	1395.8	1383.7	1359.5	1339.3	1323.1	1307.0
-62.5°	1105.3	1137.6	1169.9	1210.2	1246.5	1278.8	1282.8	1278.8	1274.7	1278.8	1250.5
-65°	992.4	1008.5	1028.7	1073.0	1113.4	1149.7	1169.9	1182.0	1202.1	1222.3	1194.1
-67.5°	871.3	891.5	915.7	948.0	980.3	1004.5	1032.7	1065.0	1097.2	1129.5	1109.3
-70°	762.4	778.6	798.7	814.9	835.0	851.2	875.4	911.7	948.0	980.3	972.2
-72.5°	649.5	665.6	677.7	685.8	697.9	705.9	718.0	750.3	774.5	790.7	790.7
-75°	536.5	552.7	564.8	568.8	576.9	580.9	589.0	601.1	613.2	617.2	621.2
-77.5°	411.5	427.6	439.7	447.8	455.8	463.9	467.9	476.0	480.0	480.0	484.1
-80°	306.6	318.7	326.8	338.9	342.9	351.0	359.0	363.1	367.1	367.1	371.1
-82.5°	217.8	225.9	234.0	242.0	250.1	254.1	262.2	266.2	270.3	274.3	278.3
-85°	145.2	153.3	161.4	169.4	173.5	177.5	181.5	185.6	189.6	193.6	197.7
-87.5°	84.7	88.7	92.8	100.8	104.9	113.0	117.0	113.0	117.0	117.0	117.0
-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°	157.3	157.3	157.3	157.3	153.3	145.2	141.2	133.1	125.1	117.0	108.9
85°	326.8	330.8	330.8	330.8	322.7	318.7	306.6	294.5	278.3	254.1	234.0
82.5°	544.6	548.6	548.6	544.6	536.5	524.4	508.3	488.1	455.8	423.6	395.3
80°	818.9	822.9	822.9	818.9	798.7	778.6	758.4	734.2	693.8	649.5	601.1
77.5°	1145.6	1153.7	1153.7	1141.6	1113.4	1089.2	1056.9	1016.6	956.1	891.5	827.0
75°	1524.8	1545.0	1549.0	1536.9	1500.6	1456.3	1403.8	1335.2	1242.5	1161.8	1085.1
72.5°	1964.5	1984.7	2000.9	1984.7	1932.3	1871.8	1795.1	1714.4	1621.7	1512.7	1383.7
70°	2541.4	2561.6	2573.7	2521.2	2428.5	2327.6	2234.8	2142.0	2033.1	1900.0	1758.8
67.5°	3267.5	3247.4	3223.1	3118.3	3001.3	2880.3	2751.2	2614.0	2472.8	2331.6	2166.2
65°	3965.4	3908.9	3856.5	3731.4	3582.2	3424.8	3275.6	3122.3	2952.9	2775.4	2618.1
62.5°	4699.6	4578.6	4449.5	4296.2	4142.9	3969.4	3820.2	3638.6	3449.1	3231.2	3029.5
60°	5421.7	5276.4	5147.4	4957.8	4756.1	4522.1	4360.7	4183.2	3961.4	3727.4	3489.4
57.5°	6119.5	5962.2	5821.0	5655.6	5437.8	5183.7	5006.2	4776.2	4542.3	4247.8	4005.7
55°	6861.8	6704.5	6591.5	6406.0	6168.0	5934.0	5740.3	5498.3	5171.6	4856.9	4558.4
52.5°	7713.0	7587.9	7466.9	7277.3	6990.9	6752.9	6539.1	6268.8	5925.9	5538.7	5179.6
50°	8665.0	8600.4	8471.4	8249.5	7922.7	7713.0	7430.6	7071.6	6704.5	6297.0	5849.3
47.5°	9927.6	9822.7	9641.2	9399.2	9124.9	8810.2	8431.0	8011.5	7491.1	7039.3	6563.3
45°	11436.3	11242.7	11008.7	10682.0	10343.1	9988.1	9572.6	9040.1	8342.3	7753.3	7253.1
42.5°	13070.1	12807.9	12489.2	12061.6	11621.9	11186.2	10738.4	10012.3	9141.0	8463.3	7898.5
40°	14776.5	14441.6	14042.3	13421.0	12932.9	12372.2	11859.9	10774.8	9846.9	9112.8	8511.7
37.5°	16446.5	16023.0	15353.3	14599.0	14030.2	13570.3	12444.8	11283.0	10452.0	9645.2	9036.1
35°	17725.3	17366.3	16184.3	15401.7	14913.6	14187.5	12779.6	11589.6	10710.2	10040.6	9092.6
32.5°	18483.7	17555.9	16519.1	15728.5	15325.1	14135.1	12803.8	11678.4	10831.2	10080.9	8947.4
30°	18314.3	17192.8	16285.2	15623.6	14748.2	13679.2	12577.9	11541.2	10718.3	9810.6	8786.0
27.5°	17293.7	16426.4	15615.5	14925.7	14066.5	13106.4	12089.8	11178.2	10411.7	9532.3	8564.1
25°	16139.9	15353.3	14752.3	14151.2	13336.3	12420.6	11525.1	10867.5	10097.0	9229.7	8273.7
22.5°	15079.0	14514.3	14042.3	13413.0	12618.3	11819.6	11262.9	10581.1	9790.5	8911.1	7975.2
20°	14401.3	14018.1	13477.5	12783.7	12158.4	11658.2	11041.0	10318.9	9504.1	8584.3	7721.0
17.5°	14074.5	13630.8	13029.7	12577.9	12097.9	11549.3	10859.5	10093.0	9225.7	8435.0	7749.3
15°	13905.1	13437.2	13041.8	12598.1	12057.6	11480.7	10714.2	9919.6	9225.7	8495.6	7769.4
12.5°	13941.4	13538.0	13106.4	12622.3	12041.4	11424.2	10730.4	9992.2	9274.1	8539.9	7773.5
10°	14054.4	13630.8	13170.9	12634.4	12049.5	11440.4	10774.8	10036.5	9298.3	8560.1	7765.4
7.5°	14094.7	13634.8	13142.7	12602.1	12029.3	11432.3	10782.8	10048.6	9302.4	8556.1	7741.2
5°	13969.7	13554.2	13078.2	12533.6	11972.8	11392.0	10750.5	10032.5	9270.1	8515.7	7680.7
2.5°	13800.2	13465.4	13009.6	12485.2	11916.4	11335.5	10698.1	9959.9	9197.5	8443.1	7604.0
0°	13772.0	13356.5	12896.6	12428.7	11823.6	11210.4	10577.1	9822.7	9064.3	8306.0	7470.9
-2.5°	13586.4	13146.7	12686.9	12178.6	11646.1	11028.9	10363.3	9625.1	8874.8	8128.5	7325.7
-5°	13445.2	12957.1	12469.0	11920.4	11383.9	10766.7	10076.9	9358.8	8624.6	7898.5	7124.0
-7.5°	13255.6	12755.4	12243.1	11670.3	11089.4	10460.1	9778.4	9060.3	8338.2	7616.1	6873.9
-10°	12872.4	12432.7	11952.7	11359.7	10746.5	10117.2	9439.5	8733.6	8011.5	7281.3	6535.0
-12.5°	12408.5	11944.6	11420.2	10875.6	10327.0	9742.1	9064.3	8370.5	7644.4	6910.2	6168.0
-15°	11807.5	11351.6	10815.1	10282.6	9754.2	9193.4	8596.4	7971.1	7232.9	6510.8	5768.6
-17.5°	11057.1	10629.5	10149.5	9641.2	9116.8	8552.0	7971.1	7442.7	6752.9	6075.2	5341.0
-20°	10250.3	9851.0	9419.3	8939.3	8414.9	7862.2	7313.6	6760.9	6163.9	5566.9	4885.1



REPORT NUMBER: P722189  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9411.3	9007.9	8572.2	8124.4	7640.4	7128.0	6619.8	6091.3	5566.9	5026.3	4449.5
-25°	8443.1	8088.1	7688.8	7253.1	6821.5	6373.7	5889.6	5409.6	4961.8	4493.9	4021.9
-27.5°	7430.6	7103.8	6740.8	6361.6	5990.5	5615.3	5195.8	4752.0	4380.9	3993.6	3602.3
-30°	6365.6	6103.4	5808.9	5478.1	5191.7	4889.2	4538.2	4171.1	3832.3	3537.8	3223.1
-32.5°	5357.1	5135.3	4925.5	4707.7	4425.3	4191.3	3949.3	3679.0	3380.5	3102.1	2876.2
-35°	4489.8	4251.8	4163.1	4001.7	3800.0	3594.3	3416.8	3223.1	2997.2	2751.2	2565.6
-37.5°	3759.7	3618.5	3493.4	3404.7	3271.6	3106.2	2965.0	2823.8	2650.3	2464.8	2279.2
-40°	3190.9	3094.1	2956.9	2912.5	2827.8	2714.9	2569.6	2460.7	2343.7	2202.6	2045.2
-42.5°	2735.0	2662.4	2573.7	2497.0	2460.7	2380.0	2267.1	2162.2	2069.4	1972.6	1851.6
-45°	2359.9	2311.5	2255.0	2186.4	2158.2	2093.6	2013.0	1896.0	1843.5	1762.8	1674.1
-47.5°	2057.3	2033.1	1992.8	1948.4	1908.1	1859.7	1787.1	1714.4	1641.8	1589.4	1520.8
-50°	1819.3	1803.2	1779.0	1742.7	1690.2	1658.0	1609.6	1545.0	1476.4	1432.1	1383.7
-52.5°	1629.7	1613.6	1597.5	1569.2	1528.9	1496.6	1456.3	1403.8	1347.3	1303.0	1262.6
-55°	1484.5	1460.3	1448.2	1424.0	1391.7	1355.4	1319.1	1282.8	1234.4	1194.1	1153.7
-57.5°	1371.6	1339.3	1323.1	1303.0	1270.7	1234.4	1206.2	1169.9	1137.6	1093.2	1056.9
-60°	1282.8	1246.5	1214.2	1194.1	1165.8	1129.5	1101.3	1073.0	1040.8	1004.5	960.1
-62.5°	1210.2	1165.8	1121.4	1097.2	1069.0	1036.7	1008.5	980.3	948.0	911.7	871.3
-65°	1141.6	1089.2	1032.7	1008.5	980.3	948.0	911.7	891.5	863.3	831.0	790.7
-67.5°	1056.9	1000.4	952.0	923.8	895.5	867.3	835.0	814.9	786.6	746.3	705.9
-70°	931.8	895.5	863.3	839.1	814.9	790.7	758.4	726.1	693.8	657.5	621.2
-72.5°	774.5	762.4	758.4	746.3	718.0	689.8	657.5	625.3	597.0	568.8	540.6
-75°	625.3	633.3	641.4	637.4	609.1	580.9	552.7	524.4	504.2	480.0	455.8
-77.5°	496.2	504.2	512.3	512.3	492.1	476.0	455.8	435.7	419.5	399.4	375.2
-80°	383.2	395.3	407.4	415.5	399.4	387.3	371.1	355.0	338.9	322.7	306.6
-82.5°	290.4	302.5	314.7	322.7	310.6	302.5	290.4	278.3	266.2	250.1	238.0
-85°	209.8	217.8	225.9	229.9	221.9	213.8	205.7	197.7	189.6	177.5	169.4
-87.5°	121.0	125.1	129.1	133.1	125.1	117.0	113.0	104.9	100.8	92.8	88.7
-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: P722189  
 CATALOG NUMBER: IFLD-L-SA8C-827-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°	100.8	92.8	84.7	80.7	72.6	60.5	52.4	44.4	36.3	28.2	24.2
85°	213.8	193.6	169.4	157.3	141.2	125.1	108.9	92.8	76.6	60.5	44.4
82.5°	367.1	342.9	318.7	290.4	254.1	209.8	165.4	137.2	113.0	88.7	68.6
80°	552.7	508.3	467.9	431.6	391.3	334.8	274.3	217.8	153.3	117.0	88.7
77.5°	766.5	714.0	657.5	597.0	532.5	455.8	387.3	314.7	238.0	161.4	113.0
75°	1008.5	939.9	863.3	778.6	693.8	593.0	496.2	411.5	322.7	225.9	137.2
72.5°	1278.8	1194.1	1101.3	988.3	855.2	738.2	621.2	508.3	403.4	286.4	185.6
70°	1625.7	1492.6	1355.4	1234.4	1065.0	879.4	742.3	613.2	480.0	351.0	234.0
67.5°	1996.8	1835.5	1670.1	1492.6	1278.8	1060.9	863.3	718.0	560.7	411.5	278.3
65°	2400.2	2198.5	1988.8	1791.1	1496.6	1238.4	1016.6	818.9	637.4	467.9	322.7
62.5°	2815.7	2577.7	2335.7	2077.5	1738.6	1420.0	1161.8	931.8	710.0	520.4	363.1
60°	3259.5	2981.1	2686.6	2363.9	1968.6	1617.6	1298.9	1048.8	786.6	572.8	407.4
57.5°	3727.4	3424.8	3077.9	2642.3	2206.6	1807.2	1456.3	1153.7	855.2	621.2	439.7
55°	4235.7	3888.8	3509.6	2932.7	2440.6	1996.8	1613.6	1258.6	927.8	661.6	472.0
52.5°	4784.3	4380.9	3900.9	3239.3	2686.6	2190.4	1758.8	1351.4	996.4	705.9	500.2
50°	5397.5	4889.2	4243.7	3521.7	2900.4	2372.0	1904.0	1452.2	1052.9	754.4	524.4
47.5°	6034.8	5486.2	4550.3	3783.9	3118.3	2549.5	2053.3	1541.0	1109.3	794.7	548.6
45°	6700.4	5901.7	4869.0	4017.8	3307.9	2710.8	2166.2	1621.7	1177.9	831.0	568.8
42.5°	7358.0	6216.4	5147.4	4251.8	3485.4	2856.1	2259.0	1698.3	1234.4	867.3	589.0
40°	7668.6	6454.4	5369.2	4413.2	3634.6	2985.1	2339.7	1766.9	1282.8	891.5	609.1
37.5°	7797.7	6599.6	5514.4	4566.5	3751.6	3053.7	2408.3	1827.4	1323.1	915.7	625.3
35°	7825.9	6652.0	5587.1	4671.3	3848.4	3118.3	2460.7	1871.8	1355.4	939.9	641.4
32.5°	7773.5	6635.9	5607.2	4707.7	3908.9	3166.7	2497.0	1904.0	1379.6	964.1	657.5
30°	7656.5	6551.2	5534.6	4703.6	3953.3	3194.9	2521.2	1928.2	1403.8	980.3	665.6
27.5°	7466.9	6401.9	5441.8	4707.7	3977.5	3207.0	2533.3	1940.3	1420.0	992.4	681.7
25°	7232.9	6200.2	5445.9	4699.6	3981.5	3211.0	2533.3	1940.3	1424.0	996.4	693.8
22.5°	6962.6	6200.2	5445.9	4687.5	3957.3	3203.0	2521.2	1932.3	1424.0	1004.5	705.9
20°	6978.8	6204.3	5433.8	4663.3	3921.0	3178.8	2493.0	1912.1	1411.9	1016.6	714.0
17.5°	6990.9	6196.2	5409.6	4631.0	3872.6	3138.4	2456.7	1883.9	1411.9	1028.7	718.0
15°	6990.9	6172.0	5373.3	4582.6	3812.1	3082.0	2404.3	1859.7	1415.9	1032.7	726.1
12.5°	6978.8	6127.6	5316.8	4518.1	3739.5	3013.4	2372.0	1851.6	1415.9	1036.7	726.1
10°	6954.6	6067.1	5244.2	4437.4	3670.9	2989.2	2355.8	1835.5	1407.9	1036.7	726.1
7.5°	6910.2	5994.5	5183.7	4389.0	3630.6	2960.9	2331.6	1811.3	1395.8	1028.7	734.2
5°	6841.6	5954.2	5135.3	4332.5	3574.1	2940.8	2315.5	1791.1	1387.7	1028.7	726.1
2.5°	6752.9	5905.7	5078.8	4259.9	3509.6	2872.2	2263.1	1746.7	1359.5	1012.5	718.0
0°	6607.7	5808.9	4982.0	4159.0	3420.8	2803.6	2210.6	1702.3	1331.2	996.4	710.0
-2.5°	6474.5	5679.8	4856.9	4054.1	3336.1	2743.1	2170.3	1678.1	1319.1	992.4	705.9
-5°	6289.0	5502.3	4691.5	3917.0	3223.1	2682.6	2129.9	1649.9	1307.0	984.3	705.9
-7.5°	6083.2	5316.8	4518.1	3775.8	3110.2	2577.7	2053.3	1605.5	1278.8	968.2	701.9
-10°	5764.6	5038.4	4300.2	3614.4	2989.2	2484.9	1988.8	1565.2	1254.6	952.0	685.8
-12.5°	5425.7	4731.9	4050.1	3416.8	2852.0	2388.1	1916.1	1520.8	1226.3	935.9	677.7
-15°	5066.7	4417.2	3787.9	3211.0	2702.8	2271.1	1839.5	1472.4	1198.1	915.7	665.6
-17.5°	4691.5	4086.4	3517.6	3001.3	2553.5	2150.1	1758.8	1428.0	1165.8	895.5	653.5
-20°	4296.2	3747.6	3243.3	2787.5	2396.2	2029.1	1674.1	1375.6	1129.5	871.3	637.4



REPORT NUMBER: P722189  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3904.9	3412.7	2960.9	2577.7	2234.8	1904.0	1589.4	1323.1	1089.2	843.1	625.3
-25°	3558.0	3098.1	2710.8	2376.0	2077.5	1783.0	1500.6	1270.7	1044.8	814.9	609.1
-27.5°	3219.1	2827.8	2464.8	2186.4	1924.2	1666.0	1415.9	1214.2	1000.4	782.6	593.0
-30°	2904.5	2569.6	2271.1	2000.9	1779.0	1561.1	1343.3	1157.8	952.0	750.3	572.8
-32.5°	2618.1	2347.8	2097.7	1839.5	1641.8	1456.3	1274.7	1101.3	903.6	718.0	552.7
-35°	2351.8	2142.0	1924.2	1706.4	1504.7	1359.5	1202.1	1040.8	859.2	681.7	532.5
-37.5°	2113.8	1944.4	1770.9	1585.4	1411.9	1266.7	1133.5	980.3	814.9	649.5	512.3
-40°	1908.1	1770.9	1617.6	1468.4	1323.1	1186.0	1065.0	919.7	770.5	625.3	492.1
-42.5°	1718.5	1613.6	1488.5	1363.5	1234.4	1113.4	996.4	855.2	726.1	597.0	472.0
-45°	1573.3	1468.4	1367.5	1254.6	1145.6	1040.8	923.8	798.7	685.8	564.8	451.8
-47.5°	1436.1	1343.3	1250.5	1157.8	1069.0	972.2	855.2	750.3	641.4	536.5	435.7
-50°	1315.1	1226.3	1145.6	1065.0	988.3	895.5	786.6	701.9	605.1	508.3	415.5
-52.5°	1202.1	1125.5	1044.8	980.3	915.7	822.9	734.2	653.5	568.8	476.0	395.3
-55°	1101.3	1028.7	956.1	895.5	835.0	754.4	681.7	613.2	532.5	451.8	375.2
-57.5°	1004.5	944.0	875.4	818.9	758.4	693.8	633.3	568.8	496.2	427.6	355.0
-60°	915.7	859.2	798.7	742.3	689.8	637.4	580.9	528.5	463.9	399.4	334.8
-62.5°	827.0	778.6	726.1	669.6	629.3	580.9	536.5	484.1	431.6	375.2	298.5
-65°	746.3	701.9	653.5	605.1	568.8	532.5	492.1	443.7	399.4	346.9	266.2
-67.5°	665.6	625.3	584.9	544.6	512.3	484.1	443.7	407.4	371.1	314.7	234.0
-70°	589.0	556.7	520.4	488.1	463.9	431.6	403.4	371.1	338.9	274.3	197.7
-72.5°	516.3	484.1	455.8	431.6	411.5	383.2	359.0	334.8	290.4	229.9	165.4
-75°	431.6	411.5	395.3	375.2	355.0	334.8	314.7	286.4	242.0	185.6	129.1
-77.5°	355.0	342.9	330.8	314.7	298.5	282.4	258.2	229.9	193.6	145.2	104.9
-80°	290.4	278.3	270.3	254.1	242.0	225.9	201.7	177.5	141.2	113.0	84.7
-82.5°	221.9	213.8	205.7	197.7	185.6	169.4	145.2	125.1	104.9	84.7	64.5
-85°	157.3	153.3	145.2	137.2	125.1	113.0	96.8	84.7	72.6	56.5	44.4
-87.5°	80.7	76.6	72.6	68.6	64.5	56.5	48.4	40.3	36.3	28.2	20.2
-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: P722189  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.1	12.1	4.0	0.0
85°	32.3	20.2	8.1	0.0
82.5°	48.4	32.3	12.1	0.0
80°	64.5	40.3	20.2	0.0
77.5°	80.7	48.4	24.2	0.0
75°	96.8	60.5	28.2	0.0
72.5°	108.9	68.6	32.3	0.0
70°	129.1	80.7	36.3	0.0
67.5°	161.4	88.7	40.3	0.0
65°	189.6	96.8	44.4	0.0
62.5°	221.9	104.9	48.4	0.0
60°	250.1	113.0	52.4	0.0
57.5°	278.3	133.1	56.5	0.0
55°	302.5	149.3	60.5	0.0
52.5°	330.8	165.4	64.5	0.0
50°	355.0	181.5	68.6	0.0
47.5°	375.2	197.7	68.6	0.0
45°	391.3	209.8	72.6	0.0
42.5°	403.4	221.9	76.6	0.0
40°	415.5	234.0	80.7	0.0
37.5°	427.6	246.1	80.7	0.0
35°	439.7	258.2	84.7	0.0
32.5°	451.8	270.3	84.7	0.0
30°	459.9	278.3	88.7	0.0
27.5°	472.0	286.4	88.7	0.0
25°	476.0	294.5	92.8	0.0
22.5°	484.1	298.5	92.8	0.0
20°	492.1	306.6	92.8	0.0
17.5°	496.2	310.6	96.8	0.0
15°	496.2	314.7	100.8	0.0
12.5°	500.2	318.7	100.8	0.0
10°	500.2	326.8	96.8	0.0
7.5°	508.3	322.7	96.8	0.0
5°	504.2	322.7	96.8	0.0
2.5°	500.2	318.7	96.8	0.0
0°	496.2	318.7	96.8	0.0
-2.5°	496.2	318.7	96.8	0.0
-5°	496.2	318.7	96.8	0.0
-7.5°	492.1	322.7	96.8	0.0
-10°	484.1	322.7	96.8	0.0
-12.5°	480.0	310.6	96.8	0.0
-15°	476.0	306.6	96.8	0.0
-17.5°	467.9	302.5	92.8	0.0
-20°	459.9	298.5	92.8	0.0



REPORT NUMBER: P722189  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	451.8	290.4	92.8	0.0
-25°	443.7	282.4	88.7	0.0
-27.5°	435.7	274.3	88.7	0.0
-30°	423.6	266.2	84.7	0.0
-32.5°	411.5	258.2	84.7	0.0
-35°	403.4	246.1	80.7	0.0
-37.5°	391.3	234.0	80.7	0.0
-40°	379.2	221.9	76.6	0.0
-42.5°	367.1	209.8	72.6	0.0
-45°	351.0	197.7	72.6	0.0
-47.5°	338.9	185.6	68.6	0.0
-50°	318.7	169.4	64.5	0.0
-52.5°	294.5	153.3	60.5	0.0
-55°	270.3	141.2	56.5	0.0
-57.5°	246.1	125.1	56.5	0.0
-60°	221.9	108.9	52.4	0.0
-62.5°	197.7	100.8	48.4	0.0
-65°	173.5	92.8	44.4	0.0
-67.5°	145.2	80.7	40.3	0.0
-70°	121.0	72.6	36.3	0.0
-72.5°	104.9	64.5	32.3	0.0
-75°	88.7	56.5	28.2	0.0
-77.5°	76.6	48.4	24.2	0.0
-80°	60.5	36.3	16.1	0.0
-82.5°	44.4	28.2	12.1	0.0
-85°	28.2	20.2	8.1	0.0
-87.5°	16.1	8.1	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)