

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: P722176

Luminaire Tested: **IFLD-S-SA6E-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722176  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

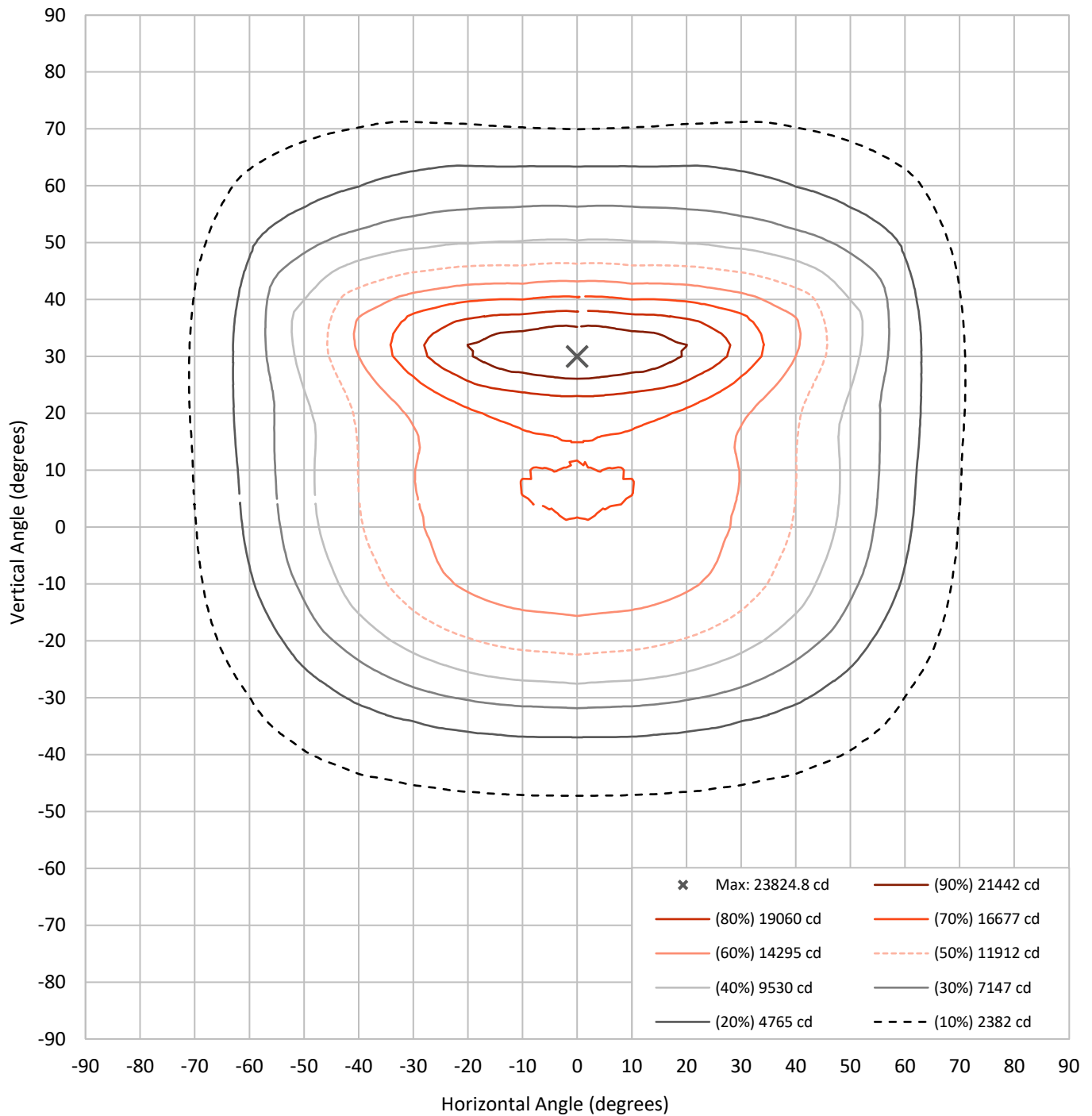
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	39769.5 lumens	Max Intensity:	23824.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	23126.5 lumens	Field Lumens:	37269.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2  
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



REPORT NUMBER: P722176  
CATALOG NUMBER: IFLD-S-SA6E-827-U-76

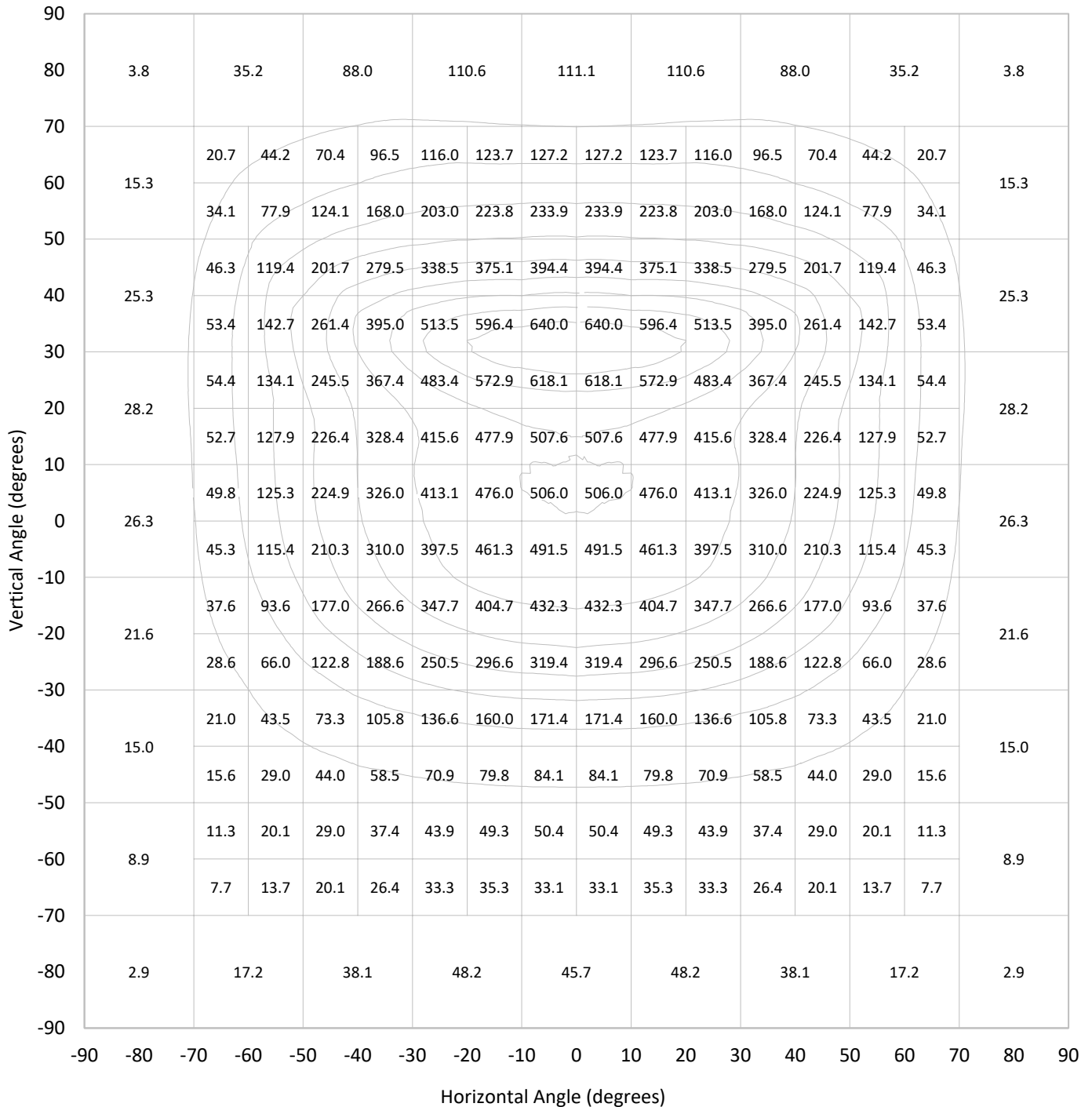
### Iso-Candela Plot





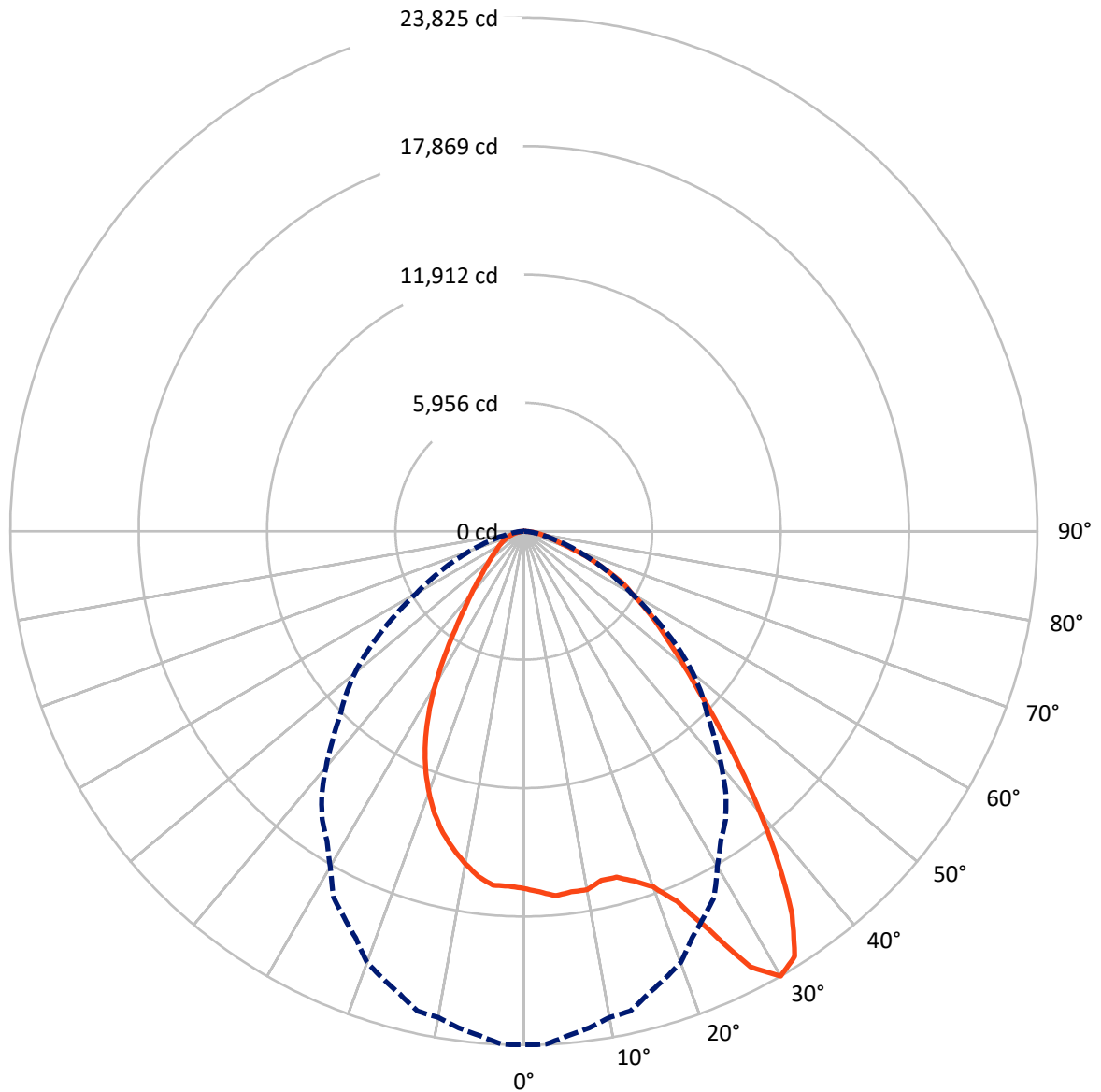
REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

### Lumen Table



REPORT NUMBER: P722176  
CATALOG NUMBER: IFLD-S-SA6E-827-U-76

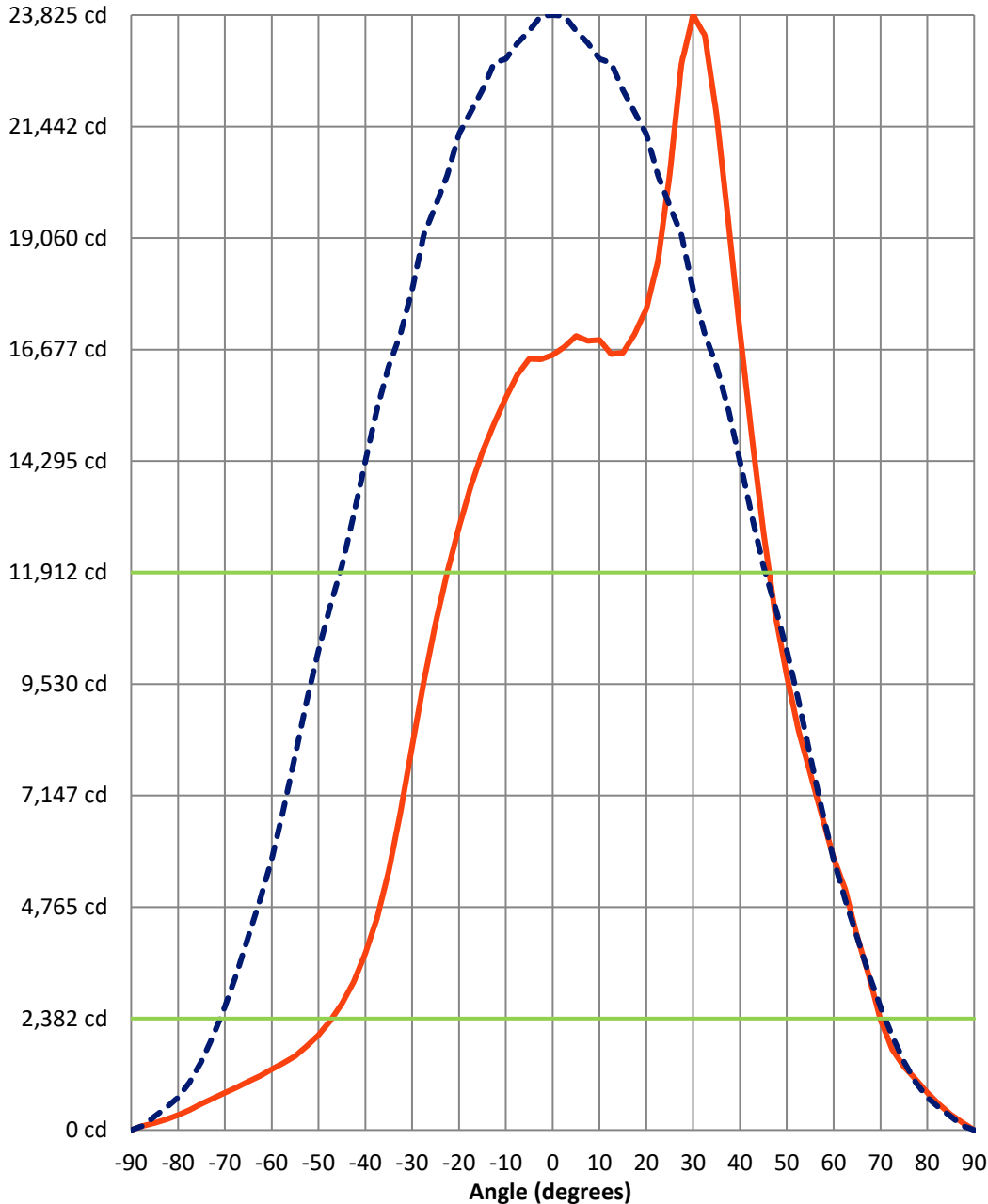
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 23126.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 37269.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2500.3  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

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°	160.1	164.3	168.5	168.5	164.3	164.3	164.3	160.1	164.3	164.3	164.3
85°	332.8	341.3	349.7	345.5	341.3	332.8	324.4	328.6	332.8	337.0	337.0
82.5°	551.9	564.5	573.0	568.8	560.3	551.9	543.5	547.7	556.1	560.3	560.3
80°	800.5	804.7	808.9	817.3	804.7	804.7	800.5	817.3	825.8	834.2	842.6
77.5°	1087.0	1091.2	1091.2	1095.4	1099.6	1103.8	1103.8	1133.3	1154.4	1167.0	1179.7
75°	1356.6	1369.2	1381.9	1394.5	1411.4	1419.8	1432.4	1474.6	1508.3	1533.5	1558.8
72.5°	1727.3	1744.2	1765.3	1794.8	1824.2	1845.3	1874.8	1925.4	1963.3	1988.6	2018.0
70°	2363.5	2380.4	2401.4	2422.5	2452.0	2473.1	2502.6	2565.7	2603.7	2620.5	2637.4
67.5°	3307.2	3349.4	3387.3	3345.2	3324.1	3294.6	3303.0	3362.0	3399.9	3425.2	3421.0
65°	4145.6	4175.1	4175.1	4170.9	4154.1	4116.1	4137.2	4208.8	4251.0	4272.0	4208.8
62.5°	5131.5	5131.5	5110.4	5144.1	5148.3	5123.1	5110.4	5114.6	5118.9	5131.5	5026.2
60°	5814.0	5856.1	5868.8	5898.3	5906.7	5906.7	5927.8	5944.6	5944.6	5919.3	5797.2
57.5°	6715.6	6795.6	6812.5	6791.4	6749.3	6694.5	6686.1	6660.8	6610.3	6559.7	6500.7
55°	7625.6	7667.7	7663.5	7650.9	7608.8	7545.6	7554.0	7520.3	7440.2	7377.0	7297.0
52.5°	8539.8	8641.0	8657.8	8632.5	8573.6	8506.1	8510.4	8472.4	8392.4	8325.0	8215.4
50°	9706.9	9791.1	9782.7	9740.6	9656.3	9605.7	9610.0	9538.3	9445.7	9424.6	9281.3
47.5°	11042.4	11139.3	11122.4	11063.5	10949.7	10928.6	10949.7	10857.0	10802.3	10755.9	10587.4
45°	12795.0	12908.8	12845.6	12731.8	12550.7	12571.7	12601.2	12584.4	12466.4	12344.2	12129.4
42.5°	14851.0	14922.6	14846.8	14733.0	14505.5	14547.7	14530.8	14429.7	14358.1	14155.8	13882.0
40°	17050.2	17206.1	17088.1	16911.2	16675.2	16738.4	16692.1	16561.5	16393.0	16140.2	15794.7
37.5°	19422.1	19544.3	19409.5	19203.1	18992.4	18971.4	18878.7	18676.4	18436.3	18158.2	17606.3
35°	21693.0	22009.0	21760.4	21431.8	21174.8	21077.9	20989.4	20521.8	20247.9	19797.1	19043.0
32.5°	23382.4	23614.1	23306.6	22965.3	22653.6	22518.7	22207.0	21650.9	21503.4	20555.5	19864.5
30°	23824.8	23807.9	23487.7	23226.5	22889.5	22796.8	22223.8	21752.0	21280.1	20403.8	19746.6
27.5°	22771.5	22666.2	22358.6	22131.1	21798.3	21688.8	21124.2	20871.4	20142.6	19401.1	18845.0
25°	20424.9	20479.6	20247.9	20134.2	19915.1	19679.1	19455.9	19114.6	18659.6	18010.8	17501.0
22.5°	18575.3	18646.9	18550.0	18415.2	18246.7	18116.1	17947.6	17682.2	17244.0	16843.8	16363.5
20°	17547.3	17526.3	17442.0	17340.9	17180.8	17088.1	16902.7	16679.5	16342.4	15996.9	15478.7
17.5°	17008.1	16877.5	16797.4	16759.5	16675.2	16557.3	16338.2	16110.7	15849.5	15457.7	15078.5
15°	16607.8	16628.9	16565.7	16536.2	16468.8	16304.5	16081.2	15895.8	15541.9	15343.9	14998.4
12.5°	16582.6	16561.5	16565.7	16553.1	16468.8	16258.2	16144.4	15908.5	15681.0	15419.8	15023.7
10°	16881.7	16658.4	16675.2	16734.2	16599.4	16430.9	16308.7	16051.7	15836.8	15504.0	15112.2
7.5°	16864.8	16751.1	16784.8	16687.9	16730.0	16523.6	16355.1	16098.1	15828.4	15474.5	15120.6
5°	16965.9	16793.2	16763.7	16772.1	16666.8	16510.9	16283.4	16039.1	15786.3	15390.3	15027.9
2.5°	16734.2	16759.5	16624.7	16574.1	16561.5	16300.3	16089.6	15853.7	15592.5	15242.8	14918.4
0°	16561.5	16607.8	16468.8	16397.2	16393.0	16169.7	16034.9	15765.2	15579.9	15289.2	14897.3
-2.5°	16468.8	16523.6	16540.4	16409.8	16283.4	16110.7	15883.2	15592.5	15289.2	14952.1	14615.1
-5°	16477.2	16367.7	16321.3	16363.5	16253.9	16081.2	15828.4	15571.4	15272.3	14910.0	14488.7
-7.5°	16144.4	16034.9	16026.4	16005.4	15980.1	15815.8	15605.1	15327.1	15023.7	14686.7	14294.9
-10°	15647.3	15567.2	15546.1	15525.1	15457.7	15360.8	15162.8	14910.0	14636.1	14299.1	13882.0
-12.5°	15095.3	15057.4	14977.4	14922.6	14855.2	14741.5	14551.9	14320.1	14046.3	13747.2	13389.1
-15°	14484.5	14412.8	14332.8	14286.4	14189.5	14054.7	13865.1	13650.3	13351.1	13056.2	12719.2
-17.5°	13747.2	13658.7	13570.2	13557.6	13490.2	13283.7	13106.8	12845.6	12584.4	12302.1	11973.5
-20°	12879.3	12757.1	12698.1	12664.4	12571.7	12420.1	12230.5	11990.3	11737.6	11467.9	11088.7



REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11918.7	11813.4	11712.3	11649.1	11569.0	11451.1	11269.9	11059.3	10810.7	10507.3	10157.7
-25°	10827.5	10680.1	10616.9	10545.3	10503.1	10393.6	10216.6	10022.8	9765.8	9470.9	9138.1
-27.5°	9580.5	9462.5	9428.8	9327.7	9277.1	9163.4	9015.9	8834.8	8598.8	8320.8	8046.9
-30°	8202.8	8131.2	8076.4	7975.3	7937.4	7815.2	7718.3	7566.6	7351.8	7153.8	6934.7
-32.5°	6787.2	6715.6	6698.7	6652.4	6627.1	6547.1	6437.5	6328.0	6155.3	6007.8	5830.9
-35°	5531.7	5481.2	5485.4	5481.2	5455.9	5396.9	5262.1	5232.6	5106.2	4971.4	4857.6
-37.5°	4529.0	4533.2	4529.0	4524.8	4491.1	4465.8	4368.9	4331.0	4255.2	4124.6	4057.2
-40°	3774.9	3783.3	3779.1	3770.7	3732.8	3720.1	3656.9	3606.4	3576.9	3484.2	3412.6
-42.5°	3164.0	3176.6	3172.4	3168.2	3142.9	3138.7	3105.0	3046.0	3029.2	2974.4	2898.6
-45°	2700.6	2696.4	2687.9	2696.4	2683.7	2671.1	2650.0	2612.1	2591.0	2565.7	2502.6
-47.5°	2334.0	2338.2	2329.8	2329.8	2313.0	2300.3	2291.9	2266.6	2249.8	2228.7	2190.8
-50°	2030.7	2047.5	2043.3	2039.1	2026.5	2018.0	2018.0	1992.8	1967.5	1959.1	1933.8
-52.5°	1794.8	1807.4	1811.6	1820.0	1824.2	1828.5	1815.8	1790.5	1748.4	1744.2	1731.6
-55°	1579.9	1617.8	1643.1	1659.9	1676.8	1689.4	1664.2	1630.4	1588.3	1571.5	1567.3
-57.5°	1432.4	1470.4	1499.8	1525.1	1546.2	1567.3	1542.0	1508.3	1470.4	1449.3	1445.1
-60°	1297.6	1331.3	1360.8	1394.5	1424.0	1457.7	1445.1	1419.8	1398.7	1381.9	1365.0
-62.5°	1154.4	1188.1	1221.8	1263.9	1301.8	1335.5	1339.7	1335.5	1331.3	1335.5	1306.0
-65°	1036.4	1053.3	1074.3	1120.7	1162.8	1200.7	1221.8	1234.4	1255.5	1276.6	1247.1
-67.5°	910.0	931.1	956.4	990.1	1023.8	1049.0	1078.5	1112.2	1145.9	1179.7	1158.6
-70°	796.3	813.1	834.2	851.0	872.1	889.0	914.2	952.1	990.1	1023.8	1015.3
-72.5°	678.3	695.2	707.8	716.2	728.9	737.3	749.9	783.6	808.9	825.8	825.8
-75°	560.3	577.2	589.8	594.0	602.5	606.7	615.1	627.7	640.4	644.6	648.8
-77.5°	429.7	446.6	459.2	467.6	476.1	484.5	488.7	497.1	501.4	501.4	505.6
-80°	320.2	332.8	341.3	353.9	358.1	366.5	375.0	379.2	383.4	383.4	387.6
-82.5°	227.5	235.9	244.4	252.8	261.2	265.4	273.8	278.1	282.3	286.5	290.7
-85°	151.7	160.1	168.5	176.9	181.2	185.4	189.6	193.8	198.0	202.2	206.4
-87.5°	88.5	92.7	96.9	105.3	109.5	118.0	122.2	118.0	122.2	122.2	122.2
-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: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

**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°	164.3	164.3	164.3	164.3	160.1	151.7	147.5	139.0	130.6	122.2	113.8
85°	341.3	345.5	345.5	345.5	337.0	332.8	320.2	307.6	290.7	265.4	244.4
82.5°	568.8	573.0	573.0	568.8	560.3	547.7	530.8	509.8	476.1	442.4	412.9
80°	855.2	859.5	859.5	855.2	834.2	813.1	792.1	766.8	724.6	678.3	627.7
77.5°	1196.5	1204.9	1204.9	1192.3	1162.8	1137.5	1103.8	1061.7	998.5	931.1	863.7
75°	1592.5	1613.6	1617.8	1605.2	1567.3	1520.9	1466.1	1394.5	1297.6	1213.4	1133.3
72.5°	2051.8	2072.8	2089.7	2072.8	2018.0	1954.9	1874.8	1790.5	1693.6	1579.9	1445.1
70°	2654.2	2675.3	2687.9	2633.2	2536.3	2430.9	2334.0	2237.1	2123.4	1984.3	1836.9
67.5°	3412.6	3391.5	3366.2	3256.7	3134.5	3008.1	2873.3	2730.1	2582.6	2435.1	2262.4
65°	4141.4	4082.4	4027.7	3897.1	3741.2	3576.9	3421.0	3260.9	3084.0	2898.6	2734.3
62.5°	4908.2	4781.8	4647.0	4486.9	4326.8	4145.6	3989.8	3800.2	3602.2	3374.7	3164.0
60°	5662.3	5510.7	5375.8	5177.8	4967.2	4722.8	4554.3	4368.9	4137.2	3892.9	3644.3
57.5°	6391.2	6226.9	6079.4	5906.7	5679.2	5413.8	5228.4	4988.2	4743.9	4436.3	4183.6
55°	7166.4	7002.1	6884.1	6690.3	6441.7	6197.4	5995.2	5742.4	5401.1	5072.5	4760.7
52.5°	8055.3	7924.7	7798.4	7600.3	7301.2	7052.6	6829.4	6547.1	6189.0	5784.5	5409.6
50°	9049.6	8982.2	8847.4	8615.7	8274.4	8055.3	7760.4	7385.5	7002.1	6576.6	6108.9
47.5°	10368.3	10258.8	10069.2	9816.4	9529.9	9201.3	8805.3	8367.1	7823.6	7351.8	6854.6
45°	11944.0	11741.8	11497.4	11156.2	10802.3	10431.5	9997.6	9441.4	8712.6	8097.5	7575.1
42.5°	13650.3	13376.4	13043.6	12597.0	12137.8	11682.8	11215.1	10456.8	9546.8	8839.0	8249.1
40°	15432.4	15082.7	14665.6	14016.8	13507.0	12921.4	12386.4	11253.1	10284.0	9517.3	8889.5
37.5°	17176.6	16734.2	16034.9	15247.0	14653.0	14172.7	12997.3	11783.9	10916.0	10073.4	9437.2
35°	18512.1	18137.2	16902.7	16085.4	15575.6	14817.3	13346.9	12104.1	11185.6	10486.3	9496.2
32.5°	19304.2	18335.2	17252.4	16426.7	16005.4	14762.5	13372.2	12196.8	11312.0	10528.4	9344.5
30°	19127.2	17956.0	17008.1	16317.1	15402.9	14286.4	13136.3	12053.5	11194.1	10246.1	9176.0
27.5°	18061.3	17155.5	16308.7	15588.3	14690.9	13688.2	12626.5	11674.4	10873.9	9955.4	8944.3
25°	16856.4	16034.9	15407.1	14779.4	13928.3	12972.0	12036.7	11350.0	10545.3	9639.5	8641.0
22.5°	15748.4	15158.5	14665.6	14008.4	13178.4	12344.2	11762.8	11050.8	10225.1	9306.6	8329.2
20°	15040.6	14640.3	14075.8	13351.1	12698.1	12175.7	11531.1	10777.0	9925.9	8965.4	8063.8
17.5°	14699.3	14235.9	13608.1	13136.3	12634.9	12062.0	11341.5	10541.0	9635.2	8809.5	8093.3
15°	14522.4	14033.7	13620.8	13157.3	12592.8	11990.3	11189.9	10359.9	9635.2	8872.7	8114.3
12.5°	14560.3	14139.0	13688.2	13182.6	12575.9	11931.4	11206.7	10435.7	9685.8	8919.0	8118.5
10°	14678.3	14235.9	13755.6	13195.3	12584.4	11948.2	11253.1	10482.1	9711.1	8940.1	8110.1
7.5°	14720.4	14240.1	13726.1	13161.6	12563.3	11939.8	11261.5	10494.7	9715.3	8935.9	8084.8
5°	14589.8	14155.8	13658.7	13089.9	12504.3	11897.6	11227.8	10477.8	9681.6	8893.7	8021.6
2.5°	14412.8	14063.2	13587.1	13039.4	12445.3	11838.7	11173.0	10402.0	9605.7	8817.9	7941.6
0°	14383.3	13949.4	13469.1	12980.4	12348.4	11708.1	11046.6	10258.8	9466.7	8674.7	7802.6
-2.5°	14189.5	13730.3	13250.0	12719.2	12163.1	11518.5	10823.3	10052.3	9268.7	8489.3	7650.9
-5°	14042.1	13532.3	13022.5	12449.6	11889.2	11244.6	10524.2	9774.3	9007.5	8249.1	7440.2
-7.5°	13844.1	13321.7	12786.6	12188.3	11581.7	10924.4	10212.4	9462.5	8708.4	7954.2	7179.0
-10°	13443.8	12984.6	12483.3	11863.9	11223.6	10566.3	9858.5	9121.2	8367.1	7604.6	6825.1
-12.5°	12959.3	12474.8	11927.1	11358.4	10785.4	10174.5	9466.7	8742.1	7983.7	7217.0	6441.7
-15°	12331.6	11855.5	11295.2	10739.1	10187.1	9601.5	8978.0	8325.0	7554.0	6799.9	6024.7
-17.5°	11548.0	11101.4	10600.0	10069.2	9521.5	8931.7	8325.0	7773.1	7052.6	6344.8	5578.1
-20°	10705.4	10288.3	9837.5	9336.1	8788.4	8211.2	7638.3	7061.1	6437.5	5814.0	5102.0



REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-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°	9829.0	9407.7	8952.7	8485.1	7979.5	7444.5	6913.6	6361.7	5814.0	5249.5	4647.0
-25°	8817.9	8447.2	8030.1	7575.1	7124.3	6656.6	6151.0	5649.7	5182.0	4693.3	4200.4
-27.5°	7760.4	7419.2	7040.0	6644.0	6256.4	5864.6	5426.4	4963.0	4575.4	4170.9	3762.3
-30°	6648.2	6374.3	6066.8	5721.3	5422.2	5106.2	4739.7	4356.3	4002.4	3694.8	3366.2
-32.5°	5594.9	5363.2	5144.1	4916.6	4621.7	4377.4	4124.6	3842.3	3530.5	3239.8	3003.9
-35°	4689.1	4440.6	4347.9	4179.3	3968.7	3753.8	3568.5	3366.2	3130.3	2873.3	2679.5
-37.5°	3926.6	3779.1	3648.5	3555.8	3416.8	3244.0	3096.6	2949.1	2768.0	2574.2	2380.4
-40°	3332.5	3231.4	3088.2	3041.8	2953.3	2835.4	2683.7	2570.0	2447.8	2300.3	2136.0
-42.5°	2856.4	2780.6	2687.9	2607.9	2570.0	2485.7	2367.7	2258.2	2161.3	2060.2	1933.8
-45°	2464.6	2414.1	2355.1	2283.5	2254.0	2186.6	2102.3	1980.1	1925.4	1841.1	1748.4
-47.5°	2148.7	2123.4	2081.2	2034.9	1992.8	1942.2	1866.4	1790.5	1714.7	1659.9	1588.3
-50°	1900.1	1883.2	1858.0	1820.0	1765.3	1731.6	1681.0	1613.6	1542.0	1495.6	1445.1
-52.5°	1702.1	1685.2	1668.4	1638.9	1596.7	1563.0	1520.9	1466.1	1407.2	1360.8	1318.7
-55°	1550.4	1525.1	1512.5	1487.2	1453.5	1415.6	1377.7	1339.7	1289.2	1247.1	1204.9
-57.5°	1432.4	1398.7	1381.9	1360.8	1327.1	1289.2	1259.7	1221.8	1188.1	1141.7	1103.8
-60°	1339.7	1301.8	1268.1	1247.1	1217.6	1179.7	1150.2	1120.7	1087.0	1049.0	1002.7
-62.5°	1263.9	1217.6	1171.2	1145.9	1116.5	1082.8	1053.3	1023.8	990.1	952.1	910.0
-65°	1192.3	1137.5	1078.5	1053.3	1023.8	990.1	952.1	931.1	901.6	867.9	825.8
-67.5°	1103.8	1044.8	994.3	964.8	935.3	905.8	872.1	851.0	821.5	779.4	737.3
-70°	973.2	935.3	901.6	876.3	851.0	825.8	792.1	758.3	724.6	686.7	648.8
-72.5°	808.9	796.3	792.1	779.4	749.9	720.4	686.7	653.0	623.5	594.0	564.5
-75°	653.0	661.4	669.9	665.7	636.2	606.7	577.2	547.7	526.6	501.4	476.1
-77.5°	518.2	526.6	535.1	535.1	514.0	497.1	476.1	455.0	438.2	417.1	391.8
-80°	400.2	412.9	425.5	433.9	417.1	404.5	387.6	370.7	353.9	337.0	320.2
-82.5°	303.3	316.0	328.6	337.0	324.4	316.0	303.3	290.7	278.1	261.2	248.6
-85°	219.1	227.5	235.9	240.1	231.7	223.3	214.9	206.4	198.0	185.4	176.9
-87.5°	126.4	130.6	134.8	139.0	130.6	122.2	118.0	109.5	105.3	96.9	92.7
-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: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-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°	105.3	96.9	88.5	84.3	75.8	63.2	54.8	46.3	37.9	29.5	25.3
85°	223.3	202.2	176.9	164.3	147.5	130.6	113.8	96.9	80.0	63.2	46.3
82.5°	383.4	358.1	332.8	303.3	265.4	219.1	172.7	143.2	118.0	92.7	71.6
80°	577.2	530.8	488.7	450.8	408.7	349.7	286.5	227.5	160.1	122.2	92.7
77.5°	800.5	745.7	686.7	623.5	556.1	476.1	404.5	328.6	248.6	168.5	118.0
75°	1053.3	981.6	901.6	813.1	724.6	619.3	518.2	429.7	337.0	235.9	143.2
72.5°	1335.5	1247.1	1150.2	1032.2	893.2	771.0	648.8	530.8	421.3	299.1	193.8
70°	1697.9	1558.8	1415.6	1289.2	1112.2	918.4	775.2	640.4	501.4	366.5	244.4
67.5°	2085.5	1916.9	1744.2	1558.8	1335.5	1108.0	901.6	749.9	585.6	429.7	290.7
65°	2506.8	2296.1	2077.0	1870.6	1563.0	1293.4	1061.7	855.2	665.7	488.7	337.0
62.5°	2940.7	2692.1	2439.4	2169.7	1815.8	1483.0	1213.4	973.2	741.5	543.5	379.2
60°	3404.1	3113.4	2805.9	2468.8	2056.0	1689.4	1356.6	1095.4	821.5	598.3	425.5
57.5°	3892.9	3576.9	3214.6	2759.5	2304.5	1887.4	1520.9	1204.9	893.2	648.8	459.2
55°	4423.7	4061.4	3665.4	3062.9	2548.9	2085.5	1685.2	1314.5	969.0	690.9	492.9
52.5°	4996.7	4575.4	4074.0	3383.1	2805.9	2287.7	1836.9	1411.4	1040.6	737.3	522.4
50°	5637.1	5106.2	4432.1	3678.0	3029.2	2477.3	1988.6	1516.7	1099.6	787.8	547.7
47.5°	6302.7	5729.7	4752.3	3951.8	3256.7	2662.6	2144.4	1609.4	1158.6	830.0	573.0
45°	6997.9	6163.7	5085.1	4196.2	3454.7	2831.2	2262.4	1693.6	1230.2	867.9	594.0
42.5°	7684.6	6492.3	5375.8	4440.6	3640.1	2982.8	2359.3	1773.7	1289.2	905.8	615.1
40°	8009.0	6740.9	5607.6	4609.1	3796.0	3117.7	2443.6	1845.3	1339.7	931.1	636.2
37.5°	8143.8	6892.5	5759.2	4769.2	3918.1	3189.3	2515.2	1908.5	1381.9	956.4	653.0
35°	8173.3	6947.3	5835.1	4878.7	4019.2	3256.7	2570.0	1954.9	1415.6	981.6	669.9
32.5°	8118.5	6930.5	5856.1	4916.6	4082.4	3307.2	2607.9	1988.6	1440.9	1006.9	686.7
30°	7996.4	6842.0	5780.3	4912.4	4128.8	3336.7	2633.2	2013.8	1466.1	1023.8	695.2
27.5°	7798.4	6686.1	5683.4	4916.6	4154.1	3349.4	2645.8	2026.5	1483.0	1036.4	712.0
25°	7554.0	6475.5	5687.6	4908.2	4158.3	3353.6	2645.8	2026.5	1487.2	1040.6	724.6
22.5°	7271.7	6475.5	5687.6	4895.6	4133.0	3345.2	2633.2	2018.0	1487.2	1049.0	737.3
20°	7288.6	6479.7	5675.0	4870.3	4095.1	3319.9	2603.7	1997.0	1474.6	1061.7	745.7
17.5°	7301.2	6471.2	5649.7	4836.6	4044.5	3277.8	2565.7	1967.5	1474.6	1074.3	749.9
15°	7301.2	6446.0	5611.8	4786.0	3981.3	3218.8	2511.0	1942.2	1478.8	1078.5	758.3
12.5°	7288.6	6399.6	5552.8	4718.6	3905.5	3147.1	2477.3	1933.8	1478.8	1082.8	758.3
10°	7263.3	6336.4	5477.0	4634.4	3833.9	3121.9	2460.4	1916.9	1470.4	1082.8	758.3
7.5°	7217.0	6260.6	5413.8	4583.8	3791.7	3092.4	2435.1	1891.7	1457.7	1074.3	766.8
5°	7145.3	6218.5	5363.2	4524.8	3732.8	3071.3	2418.3	1870.6	1449.3	1074.3	758.3
2.5°	7052.6	6167.9	5304.2	4449.0	3665.4	2999.7	2363.5	1824.2	1419.8	1057.5	749.9
0°	6901.0	6066.8	5203.1	4343.7	3572.7	2928.1	2308.8	1777.9	1390.3	1040.6	741.5
-2.5°	6761.9	5932.0	5072.5	4234.1	3484.2	2864.9	2266.6	1752.6	1377.7	1036.4	737.3
-5°	6568.1	5746.6	4899.8	4090.9	3366.2	2801.7	2224.5	1723.1	1365.0	1028.0	737.3
-7.5°	6353.3	5552.8	4718.6	3943.4	3248.3	2692.1	2144.4	1676.8	1335.5	1011.1	733.1
-10°	6020.4	5262.1	4491.1	3774.9	3121.9	2595.2	2077.0	1634.7	1310.3	994.3	716.2
-12.5°	5666.5	4941.9	4229.9	3568.5	2978.6	2494.1	2001.2	1588.3	1280.8	977.4	707.8
-15°	5291.6	4613.3	3956.1	3353.6	2822.7	2371.9	1921.1	1537.8	1251.3	956.4	695.2
-17.5°	4899.8	4267.8	3673.8	3134.5	2666.9	2245.6	1836.9	1491.4	1217.6	935.3	682.5
-20°	4486.9	3913.9	3387.3	2911.2	2502.6	2119.2	1748.4	1436.6	1179.7	910.0	665.7



REPORT NUMBER: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4078.2	3564.2	3092.4	2692.1	2334.0	1988.6	1659.9	1381.9	1137.5	880.5	653.0
-25°	3715.9	3235.6	2831.2	2481.5	2169.7	1862.2	1567.3	1327.1	1091.2	851.0	636.2
-27.5°	3362.0	2953.3	2574.2	2283.5	2009.6	1740.0	1478.8	1268.1	1044.8	817.3	619.3
-30°	3033.4	2683.7	2371.9	2089.7	1858.0	1630.4	1402.9	1209.1	994.3	783.6	598.3
-32.5°	2734.3	2452.0	2190.8	1921.1	1714.7	1520.9	1331.3	1150.2	943.7	749.9	577.2
-35°	2456.2	2237.1	2009.6	1782.1	1571.5	1419.8	1255.5	1087.0	897.4	712.0	556.1
-37.5°	2207.6	2030.7	1849.5	1655.7	1474.6	1322.9	1183.9	1023.8	851.0	678.3	535.1
-40°	1992.8	1849.5	1689.4	1533.5	1381.9	1238.6	1112.2	960.6	804.7	653.0	514.0
-42.5°	1794.8	1685.2	1554.6	1424.0	1289.2	1162.8	1040.6	893.2	758.3	623.5	492.9
-45°	1643.1	1533.5	1428.2	1310.3	1196.5	1087.0	964.8	834.2	716.2	589.8	471.9
-47.5°	1499.8	1402.9	1306.0	1209.1	1116.5	1015.3	893.2	783.6	669.9	560.3	455.0
-50°	1373.5	1280.8	1196.5	1112.2	1032.2	935.3	821.5	733.1	632.0	530.8	433.9
-52.5°	1255.5	1175.4	1091.2	1023.8	956.4	859.5	766.8	682.5	594.0	497.1	412.9
-55°	1150.2	1074.3	998.5	935.3	872.1	787.8	712.0	640.4	556.1	471.9	391.8
-57.5°	1049.0	985.9	914.2	855.2	792.1	724.6	661.4	594.0	518.2	446.6	370.7
-60°	956.4	897.4	834.2	775.2	720.4	665.7	606.7	551.9	484.5	417.1	349.7
-62.5°	863.7	813.1	758.3	699.4	657.2	606.7	560.3	505.6	450.8	391.8	311.8
-65°	779.4	733.1	682.5	632.0	594.0	556.1	514.0	463.4	417.1	362.3	278.1
-67.5°	695.2	653.0	610.9	568.8	535.1	505.6	463.4	425.5	387.6	328.6	244.4
-70°	615.1	581.4	543.5	509.8	484.5	450.8	421.3	387.6	353.9	286.5	206.4
-72.5°	539.3	505.6	476.1	450.8	429.7	400.2	375.0	349.7	303.3	240.1	172.7
-75°	450.8	429.7	412.9	391.8	370.7	349.7	328.6	299.1	252.8	193.8	134.8
-77.5°	370.7	358.1	345.5	328.6	311.8	294.9	269.6	240.1	202.2	151.7	109.5
-80°	303.3	290.7	282.3	265.4	252.8	235.9	210.7	185.4	147.5	118.0	88.5
-82.5°	231.7	223.3	214.9	206.4	193.8	176.9	151.7	130.6	109.5	88.5	67.4
-85°	164.3	160.1	151.7	143.2	130.6	118.0	101.1	88.5	75.8	59.0	46.3
-87.5°	84.3	80.0	75.8	71.6	67.4	59.0	50.6	42.1	37.9	29.5	21.1
-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: P722176  
 CATALOG NUMBER: IFLD-S-SA6E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.9	12.6	4.2	0.0
85°	33.7	21.1	8.4	0.0
82.5°	50.6	33.7	12.6	0.0
80°	67.4	42.1	21.1	0.0
77.5°	84.3	50.6	25.3	0.0
75°	101.1	63.2	29.5	0.0
72.5°	113.8	71.6	33.7	0.0
70°	134.8	84.3	37.9	0.0
67.5°	168.5	92.7	42.1	0.0
65°	198.0	101.1	46.3	0.0
62.5°	231.7	109.5	50.6	0.0
60°	261.2	118.0	54.8	0.0
57.5°	290.7	139.0	59.0	0.0
55°	316.0	155.9	63.2	0.0
52.5°	345.5	172.7	67.4	0.0
50°	370.7	189.6	71.6	0.0
47.5°	391.8	206.4	71.6	0.0
45°	408.7	219.1	75.8	0.0
42.5°	421.3	231.7	80.0	0.0
40°	433.9	244.4	84.3	0.0
37.5°	446.6	257.0	84.3	0.0
35°	459.2	269.6	88.5	0.0
32.5°	471.9	282.3	88.5	0.0
30°	480.3	290.7	92.7	0.0
27.5°	492.9	299.1	92.7	0.0
25°	497.1	307.6	96.9	0.0
22.5°	505.6	311.8	96.9	0.0
20°	514.0	320.2	96.9	0.0
17.5°	518.2	324.4	101.1	0.0
15°	518.2	328.6	105.3	0.0
12.5°	522.4	332.8	105.3	0.0
10°	522.4	341.3	101.1	0.0
7.5°	530.8	337.0	101.1	0.0
5°	526.6	337.0	101.1	0.0
2.5°	522.4	332.8	101.1	0.0
0°	518.2	332.8	101.1	0.0
-2.5°	518.2	332.8	101.1	0.0
-5°	518.2	332.8	101.1	0.0
-7.5°	514.0	337.0	101.1	0.0
-10°	505.6	337.0	101.1	0.0
-12.5°	501.4	324.4	101.1	0.0
-15°	497.1	320.2	101.1	0.0
-17.5°	488.7	316.0	96.9	0.0
-20°	480.3	311.8	96.9	0.0



REPORT NUMBER: P722176

CATALOG NUMBER: IFLD-S-SA6E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	471.9	303.3	96.9	0.0
-25°	463.4	294.9	92.7	0.0
-27.5°	455.0	286.5	92.7	0.0
-30°	442.4	278.1	88.5	0.0
-32.5°	429.7	269.6	88.5	0.0
-35°	421.3	257.0	84.3	0.0
-37.5°	408.7	244.4	84.3	0.0
-40°	396.0	231.7	80.0	0.0
-42.5°	383.4	219.1	75.8	0.0
-45°	366.5	206.4	75.8	0.0
-47.5°	353.9	193.8	71.6	0.0
-50°	332.8	176.9	67.4	0.0
-52.5°	307.6	160.1	63.2	0.0
-55°	282.3	147.5	59.0	0.0
-57.5°	257.0	130.6	59.0	0.0
-60°	231.7	113.8	54.8	0.0
-62.5°	206.4	105.3	50.6	0.0
-65°	181.2	96.9	46.3	0.0
-67.5°	151.7	84.3	42.1	0.0
-70°	126.4	75.8	37.9	0.0
-72.5°	109.5	67.4	33.7	0.0
-75°	92.7	59.0	29.5	0.0
-77.5°	80.0	50.6	25.3	0.0
-80°	63.2	37.9	16.9	0.0
-82.5°	46.3	29.5	12.6	0.0
-85°	29.5	21.1	8.4	0.0
-87.5°	16.9	8.4	4.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)