

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: P722169

Luminaire Tested: **IFLD-S-SA3C-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722169  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

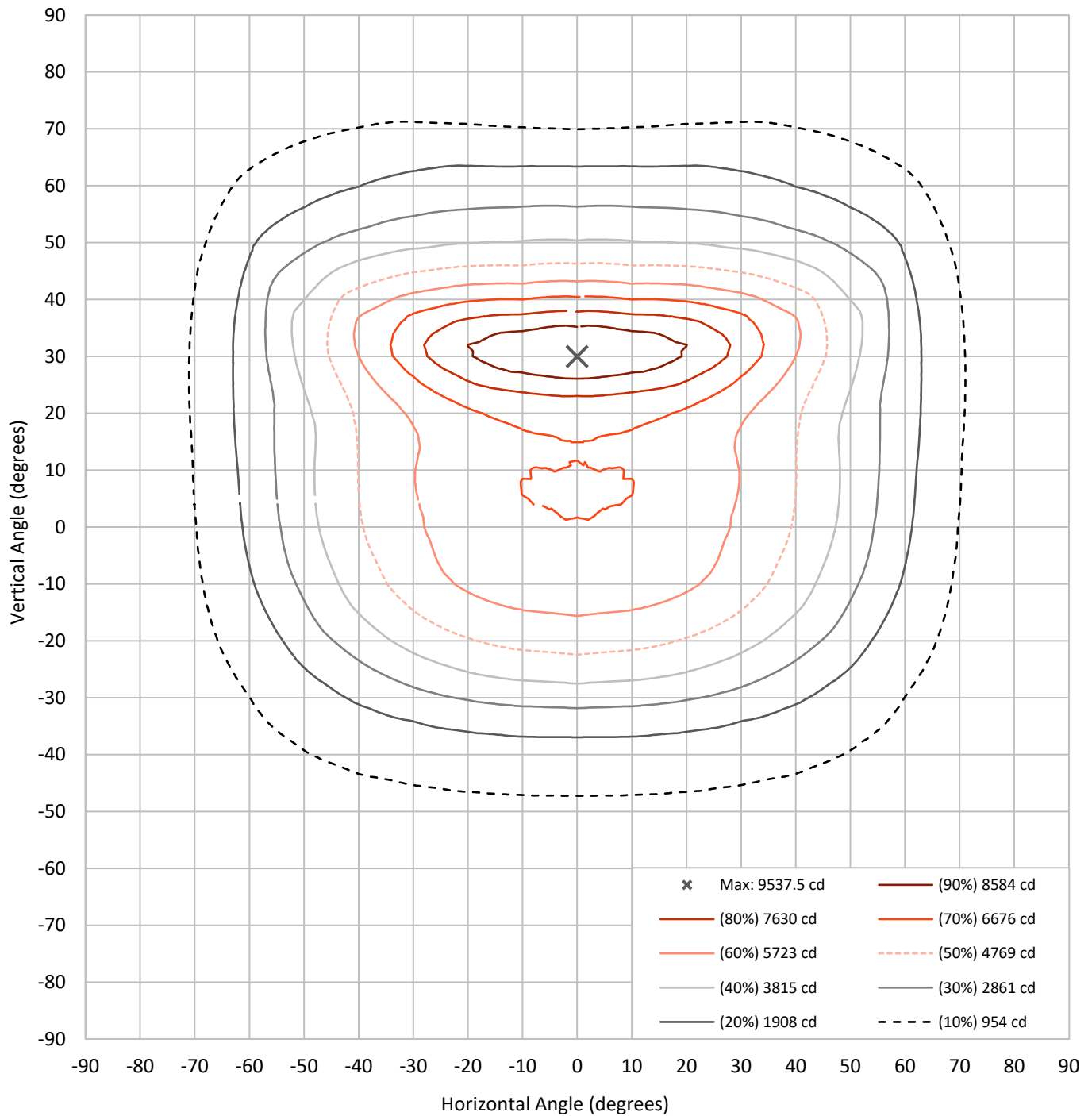
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15920.4 lumens	Max Intensity:	9537.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9257.9 lumens	Field Lumens:	14919.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 160.8  
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: P722169  
CATALOG NUMBER: IFLD-S-SA3C-827-U-76

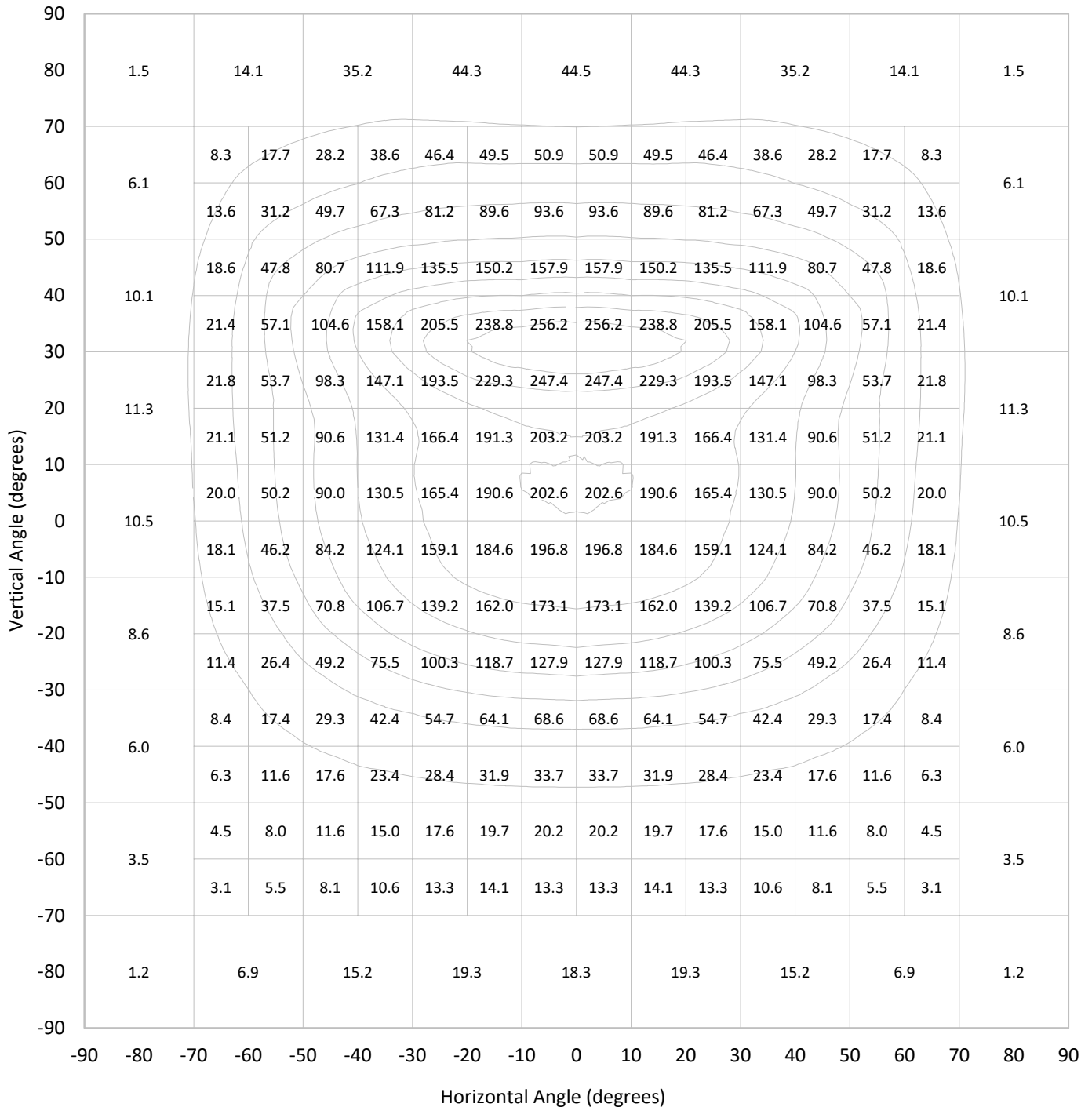
### Iso-Candela Plot





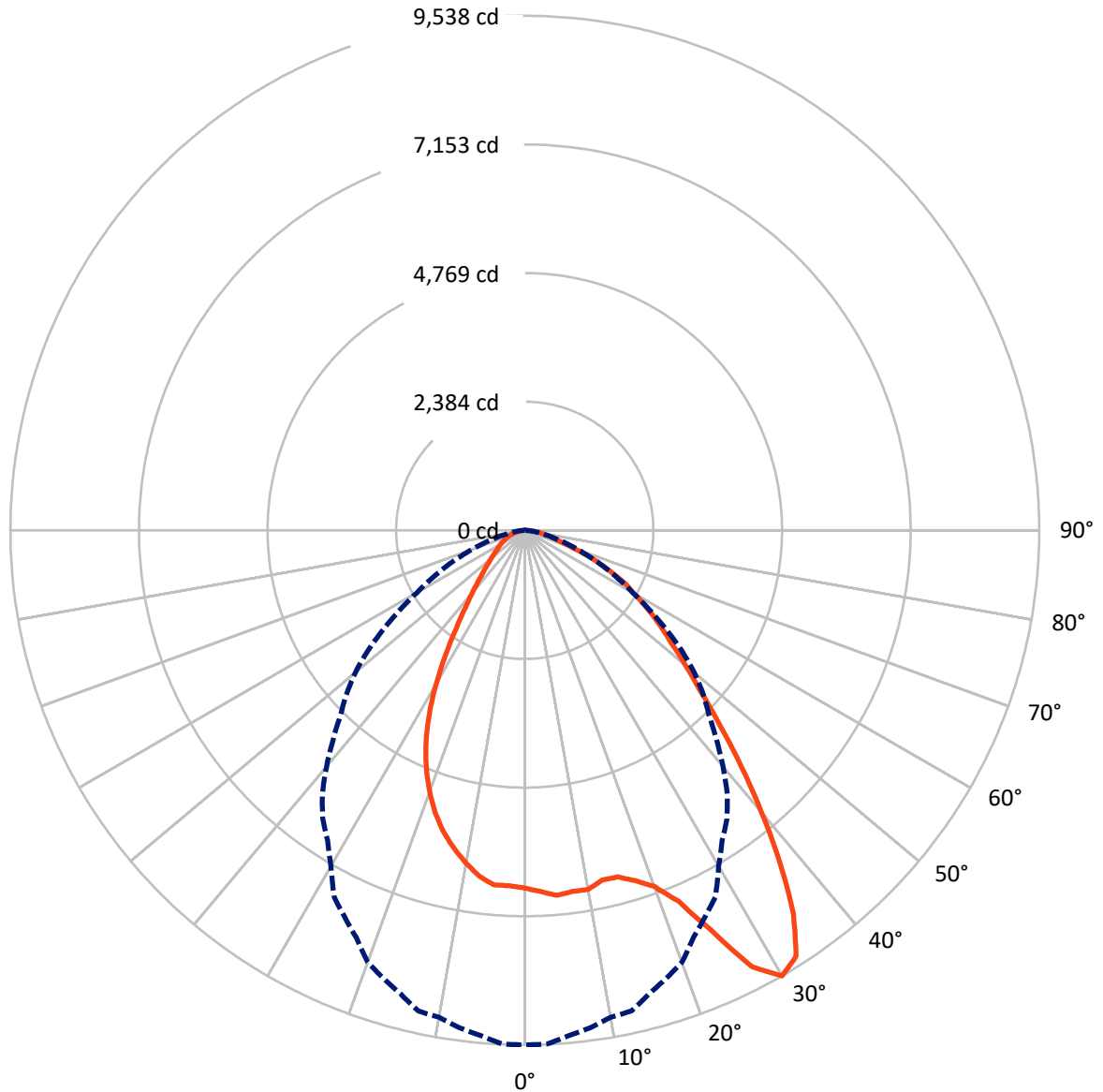
REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

### Lumen Table



REPORT NUMBER: P722169  
CATALOG NUMBER: IFLD-S-SA3C-827-U-76

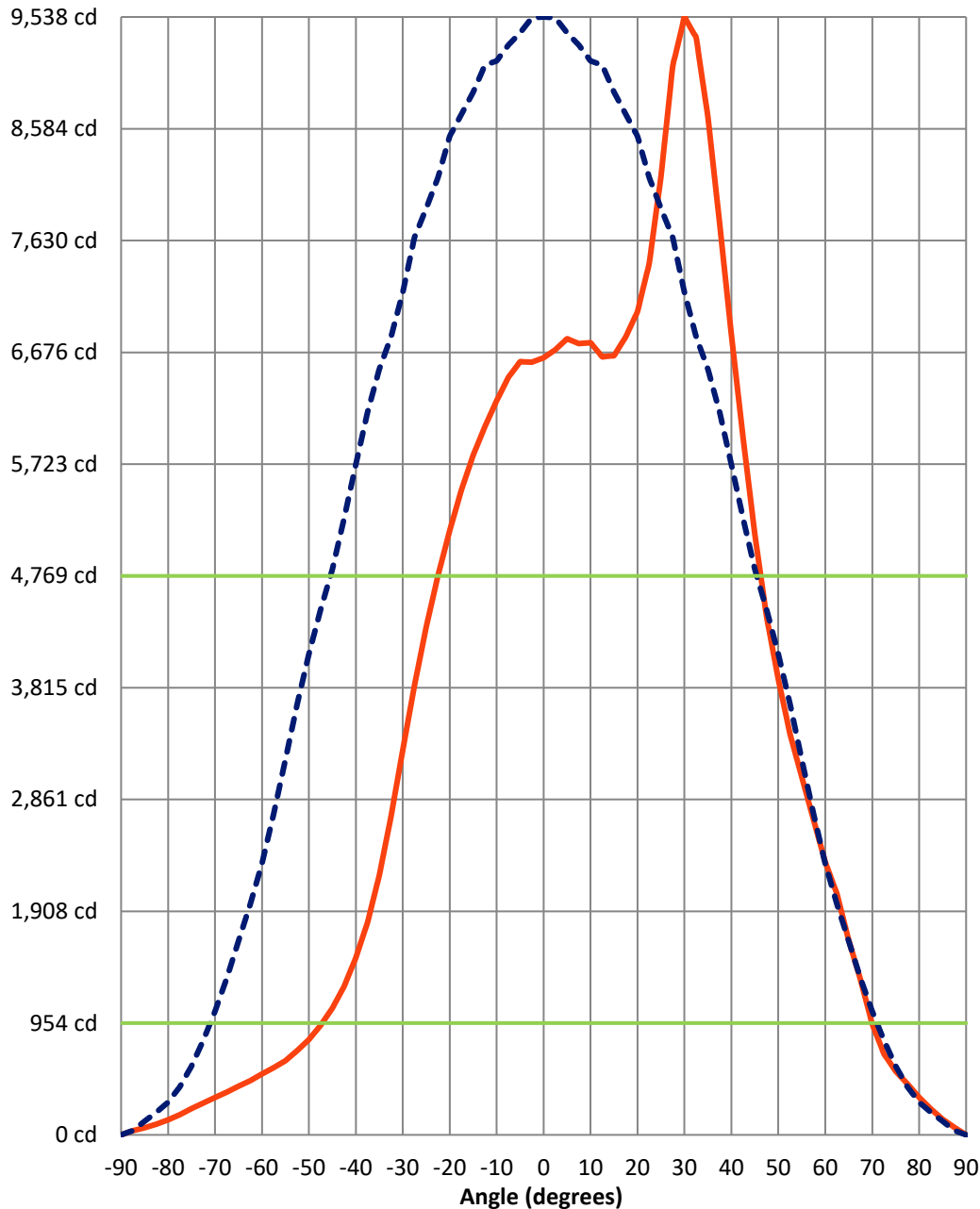
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 9257.9  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 14919.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1000.9  
 Efficiency: 6.3%

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



REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-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°	64.1	65.8	67.5	67.5	65.8	65.8	65.8	64.1	65.8	65.8	65.8
85°	133.2	136.6	140.0	138.3	136.6	133.2	129.9	131.6	133.2	134.9	134.9
82.5°	220.9	226.0	229.4	227.7	224.3	220.9	217.6	219.3	222.6	224.3	224.3
80°	320.4	322.1	323.8	327.2	322.1	322.1	320.4	327.2	330.6	333.9	337.3
77.5°	435.1	436.8	436.8	438.5	440.2	441.9	441.9	453.7	462.1	467.2	472.2
75°	543.1	548.1	553.2	558.3	565.0	568.4	573.4	590.3	603.8	613.9	624.0
72.5°	691.5	698.2	706.7	718.5	730.3	738.7	750.5	770.8	785.9	796.1	807.9
70°	946.2	952.9	961.3	969.8	981.6	990.0	1001.8	1027.1	1042.3	1049.0	1055.8
67.5°	1323.9	1340.8	1356.0	1339.1	1330.7	1318.9	1322.3	1345.9	1361.1	1371.2	1369.5
65°	1659.6	1671.4	1671.4	1669.7	1662.9	1647.8	1656.2	1684.9	1701.7	1710.2	1684.9
62.5°	2054.2	2054.2	2045.8	2059.3	2061.0	2050.9	2045.8	2047.5	2049.2	2054.2	2012.1
60°	2327.4	2344.3	2349.4	2361.2	2364.6	2364.6	2373.0	2379.7	2379.7	2369.6	2320.7
57.5°	2688.4	2720.4	2727.2	2718.7	2701.9	2679.9	2676.6	2666.4	2646.2	2626.0	2602.4
55°	3052.7	3069.5	3067.8	3062.8	3045.9	3020.6	3024.0	3010.5	2978.5	2953.2	2921.1
52.5°	3418.6	3459.1	3465.9	3455.8	3432.1	3405.2	3406.8	3391.7	3359.6	3332.6	3288.8
50°	3885.8	3919.6	3916.2	3899.3	3865.6	3845.3	3847.0	3818.4	3781.3	3772.8	3715.5
47.5°	4420.5	4459.3	4452.5	4428.9	4383.4	4374.9	4383.4	4346.3	4324.3	4305.8	4238.3
45°	5122.1	5167.6	5142.3	5096.8	5024.3	5032.7	5044.5	5037.7	4990.5	4941.6	4855.6
42.5°	5945.1	5973.8	5943.4	5897.9	5806.8	5823.7	5816.9	5776.5	5747.8	5666.8	5557.2
40°	6825.5	6887.9	6840.7	6769.8	6675.4	6700.7	6682.1	6629.9	6562.4	6461.2	6322.9
37.5°	7775.0	7823.9	7770.0	7687.3	7603.0	7594.6	7557.5	7476.5	7380.4	7269.1	7048.1
35°	8684.1	8810.6	8711.1	8579.5	8476.6	8437.8	8402.4	8215.2	8105.6	7925.1	7623.2
32.5°	9360.4	9453.1	9330.0	9193.4	9068.6	9014.6	8889.8	8667.2	8608.2	8228.7	7952.1
30°	9537.5	9530.7	9402.5	9298.0	9163.1	9126.0	8896.6	8707.7	8518.8	8168.0	7904.9
27.5°	9115.8	9073.7	8950.6	8859.5	8726.2	8682.4	8456.4	8355.2	8063.4	7766.6	7544.0
25°	8176.4	8198.3	8105.6	8060.1	7972.3	7877.9	7788.5	7651.9	7469.8	7210.0	7006.0
22.5°	7436.0	7464.7	7425.9	7371.9	7304.5	7252.2	7184.7	7078.5	6903.1	6742.9	6550.6
20°	7024.5	7016.1	6982.3	6941.9	6877.8	6840.7	6766.5	6677.1	6542.2	6403.9	6196.4
17.5°	6808.6	6756.3	6724.3	6709.1	6675.4	6628.2	6540.5	6449.4	6344.8	6188.0	6036.2
15°	6648.4	6656.8	6631.5	6619.7	6592.7	6527.0	6437.6	6363.4	6221.7	6142.4	6004.1
12.5°	6638.3	6629.9	6631.5	6626.5	6592.7	6508.4	6462.9	6368.4	6277.4	6172.8	6014.3
10°	6758.0	6668.6	6675.4	6699.0	6645.0	6577.6	6528.7	6425.8	6339.8	6206.5	6049.7
7.5°	6751.3	6705.7	6719.2	6680.4	6697.3	6614.7	6547.2	6444.3	6336.4	6194.7	6053.0
5°	6791.8	6722.6	6710.8	6714.2	6672.0	6609.6	6518.5	6420.7	6319.5	6161.0	6015.9
2.5°	6699.0	6709.1	6655.1	6634.9	6629.9	6525.3	6441.0	6346.5	6241.9	6102.0	5972.1
0°	6629.9	6648.4	6592.7	6564.1	6562.4	6473.0	6419.0	6311.1	6236.9	6120.5	5963.7
-2.5°	6592.7	6614.7	6621.4	6569.1	6518.5	6449.4	6358.3	6241.9	6120.5	5985.6	5850.7
-5°	6596.1	6552.3	6533.7	6550.6	6506.7	6437.6	6336.4	6233.5	6113.8	5968.7	5800.1
-7.5°	6462.9	6419.0	6415.7	6407.2	6397.1	6331.3	6247.0	6135.7	6014.3	5879.3	5722.5
-10°	6263.9	6231.8	6223.4	6215.0	6188.0	6149.2	6069.9	5968.7	5859.1	5724.2	5557.2
-12.5°	6042.9	6027.8	5995.7	5973.8	5946.8	5901.3	5825.4	5732.6	5623.0	5503.2	5359.9
-15°	5798.4	5769.7	5737.7	5719.1	5680.3	5626.4	5550.5	5464.4	5344.7	5226.6	5091.7
-17.5°	5503.2	5467.8	5432.4	5427.3	5400.4	5317.7	5246.9	5142.3	5037.7	4924.7	4793.2
-20°	5155.8	5106.9	5083.3	5069.8	5032.7	4972.0	4896.1	4799.9	4698.7	4590.8	4439.0



REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4771.3	4729.1	4688.6	4663.3	4631.3	4584.1	4511.5	4427.2	4327.7	4206.3	4066.3
-25°	4334.4	4275.4	4250.1	4221.4	4204.6	4160.7	4089.9	4012.3	3909.4	3791.4	3658.1
-27.5°	3835.2	3788.0	3774.5	3734.0	3713.8	3668.3	3609.2	3536.7	3442.3	3330.9	3221.3
-30°	3283.7	3255.1	3233.1	3192.7	3177.5	3128.6	3089.8	3029.1	2943.0	2863.8	2776.1
-32.5°	2717.0	2688.4	2681.6	2663.1	2653.0	2620.9	2577.1	2533.2	2464.1	2405.0	2334.2
-35°	2214.4	2194.2	2195.9	2194.2	2184.1	2160.5	2106.5	2094.7	2044.1	1990.1	1944.6
-37.5°	1813.0	1814.7	1813.0	1811.4	1797.9	1787.7	1749.0	1733.8	1703.4	1651.1	1624.2
-40°	1511.2	1514.5	1512.8	1509.5	1494.3	1489.2	1463.9	1443.7	1431.9	1394.8	1366.1
-42.5°	1266.6	1271.7	1270.0	1268.3	1258.2	1256.5	1243.0	1219.4	1212.6	1190.7	1160.4
-45°	1081.1	1079.4	1076.0	1079.4	1074.3	1069.3	1060.8	1045.7	1037.2	1027.1	1001.8
-47.5°	934.4	936.0	932.7	932.7	925.9	920.9	917.5	907.4	900.6	892.2	877.0
-50°	812.9	819.7	818.0	816.3	811.2	807.9	807.9	797.7	787.6	784.2	774.1
-52.5°	718.5	723.5	725.2	728.6	730.3	732.0	726.9	716.8	699.9	698.2	693.2
-55°	632.5	647.6	657.8	664.5	671.2	676.3	666.2	652.7	635.8	629.1	627.4
-57.5°	573.4	588.6	600.4	610.5	619.0	627.4	617.3	603.8	588.6	580.2	578.5
-60°	519.5	533.0	544.8	558.3	570.1	583.5	578.5	568.4	559.9	553.2	546.4
-62.5°	462.1	475.6	489.1	506.0	521.1	534.6	536.3	534.6	533.0	534.6	522.8
-65°	414.9	421.6	430.1	448.6	465.5	480.7	489.1	494.2	502.6	511.0	499.2
-67.5°	364.3	372.7	382.8	396.3	409.8	420.0	431.8	445.3	458.7	472.2	463.8
-70°	318.8	325.5	333.9	340.7	349.1	355.9	366.0	381.2	396.3	409.8	406.5
-72.5°	271.5	278.3	283.3	286.7	291.8	295.1	300.2	313.7	323.8	330.6	330.6
-75°	224.3	231.1	236.1	237.8	241.2	242.9	246.2	251.3	256.4	258.0	259.7
-77.5°	172.0	178.8	183.8	187.2	190.6	194.0	195.6	199.0	200.7	200.7	202.4
-80°	128.2	133.2	136.6	141.7	143.4	146.7	150.1	151.8	153.5	153.5	155.2
-82.5°	91.1	94.4	97.8	101.2	104.6	106.3	109.6	111.3	113.0	114.7	116.4
-85°	60.7	64.1	67.5	70.8	72.5	74.2	75.9	77.6	79.3	81.0	82.6
-87.5°	35.4	37.1	38.8	42.2	43.9	47.2	48.9	47.2	48.9	48.9	48.9
-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: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-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°	65.8	65.8	65.8	65.8	64.1	60.7	59.0	55.7	52.3	48.9	45.5
85°	136.6	138.3	138.3	138.3	134.9	133.2	128.2	123.1	116.4	106.3	97.8
82.5°	227.7	229.4	229.4	227.7	224.3	219.3	212.5	204.1	190.6	177.1	165.3
80°	342.4	344.1	344.1	342.4	333.9	325.5	317.1	307.0	290.1	271.5	251.3
77.5°	479.0	482.4	482.4	477.3	465.5	455.4	441.9	425.0	399.7	372.7	345.7
75°	637.5	646.0	647.6	642.6	627.4	608.8	586.9	558.3	519.5	485.7	453.7
72.5°	821.4	829.8	836.5	829.8	807.9	782.6	750.5	716.8	678.0	632.5	578.5
70°	1062.5	1071.0	1076.0	1054.1	1015.3	973.1	934.4	895.6	850.0	794.4	735.3
67.5°	1366.1	1357.7	1347.6	1303.7	1254.8	1204.2	1150.2	1092.9	1033.9	974.8	905.7
65°	1657.9	1634.3	1612.3	1560.1	1497.7	1431.9	1369.5	1305.4	1234.6	1160.4	1094.6
62.5°	1964.8	1914.2	1860.3	1796.2	1732.1	1659.6	1597.2	1521.3	1442.0	1350.9	1266.6
60°	2266.7	2206.0	2152.0	2072.8	1988.4	1890.6	1823.2	1749.0	1656.2	1558.4	1458.9
57.5°	2558.5	2492.7	2433.7	2364.6	2273.5	2167.2	2093.0	1996.9	1899.1	1775.9	1674.8
55°	2868.8	2803.1	2755.8	2678.3	2578.7	2480.9	2400.0	2298.8	2162.2	2030.6	1905.8
52.5°	3224.7	3172.4	3121.8	3042.5	2922.8	2823.3	2733.9	2620.9	2477.6	2315.6	2165.5
50°	3622.7	3595.7	3541.8	3449.0	3312.4	3224.7	3106.6	2956.5	2803.1	2632.7	2445.5
47.5°	4150.6	4106.8	4030.9	3929.7	3815.0	3683.4	3524.9	3349.5	3131.9	2943.0	2744.0
45°	4781.4	4700.4	4602.6	4466.0	4324.3	4175.9	4002.2	3779.6	3487.8	3241.6	3032.4
42.5°	5464.4	5354.8	5221.6	5042.8	4859.0	4676.8	4489.6	4186.0	3821.7	3538.4	3302.3
40°	6177.9	6037.9	5870.9	5611.2	5407.1	5172.7	4958.5	4504.8	4116.9	3809.9	3558.6
37.5°	6876.1	6699.0	6419.0	6103.6	5865.8	5673.6	5203.0	4717.3	4369.9	4032.6	3777.9
35°	7410.7	7260.6	6766.5	6439.3	6235.2	5931.6	5343.0	4845.5	4477.8	4197.8	3801.5
32.5°	7727.8	7339.9	6906.4	6575.9	6407.2	5909.7	5353.1	4882.6	4528.4	4214.7	3740.8
30°	7657.0	7188.1	6808.6	6532.0	6166.0	5719.1	5258.7	4825.2	4481.2	4101.7	3673.3
27.5°	7230.3	6867.7	6528.7	6240.3	5881.0	5479.6	5054.6	4673.4	4353.0	3985.3	3580.6
25°	6747.9	6419.0	6167.7	5916.4	5575.8	5192.9	4818.5	4543.6	4221.4	3858.8	3459.1
22.5°	6304.3	6068.2	5870.9	5607.8	5275.5	4941.6	4708.9	4423.8	4093.3	3725.6	3334.3
20°	6021.0	5860.8	5634.8	5344.7	5083.3	4874.1	4616.1	4314.2	3973.5	3589.0	3228.1
17.5°	5884.4	5698.9	5447.6	5258.7	5058.0	4828.6	4540.2	4219.8	3857.2	3526.6	3239.9
15°	5813.6	5617.9	5452.6	5267.1	5041.1	4799.9	4479.5	4147.2	3857.2	3551.9	3248.3
12.5°	5828.7	5660.1	5479.6	5277.2	5034.4	4776.3	4486.2	4177.6	3877.4	3570.4	3250.0
10°	5876.0	5698.9	5506.6	5282.3	5037.7	4783.1	4504.8	4196.2	3887.5	3578.9	3246.6
7.5°	5892.8	5700.6	5494.8	5268.8	5029.3	4779.7	4508.2	4201.2	3889.2	3577.2	3236.5
5°	5840.5	5666.8	5467.8	5240.1	5005.7	4762.8	4494.7	4194.5	3875.7	3560.3	3211.2
2.5°	5769.7	5629.7	5439.1	5219.9	4982.1	4739.2	4472.7	4164.1	3845.3	3530.0	3179.2
0°	5757.9	5584.2	5391.9	5196.3	4943.3	4686.9	4422.1	4106.8	3789.7	3472.6	3123.5
-2.5°	5680.3	5496.5	5304.2	5091.7	4869.1	4611.0	4332.8	4024.1	3710.4	3398.4	3062.8
-5°	5621.3	5417.2	5213.1	4983.8	4759.5	4501.4	4213.0	3912.8	3605.9	3302.3	2978.5
-7.5°	5542.0	5332.9	5118.7	4879.2	4636.3	4373.2	4088.2	3788.0	3486.1	3184.2	2873.9
-10°	5381.8	5198.0	4997.3	4749.3	4493.0	4229.9	3946.5	3651.4	3349.5	3044.2	2732.2
-12.5°	5187.8	4993.9	4774.6	4547.0	4317.6	4073.0	3789.7	3499.6	3196.0	2889.1	2578.7
-15°	4936.5	4746.0	4521.7	4299.0	4078.1	3843.7	3594.1	3332.6	3024.0	2722.1	2411.8
-17.5°	4622.8	4444.1	4243.4	4030.9	3811.6	3575.5	3332.6	3111.7	2823.3	2540.0	2233.0
-20°	4285.5	4118.6	3938.1	3737.4	3518.2	3287.1	3057.7	2826.7	2577.1	2327.4	2042.4



REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-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°	3934.7	3766.1	3583.9	3396.7	3194.3	2980.1	2767.6	2546.7	2327.4	2101.4	1860.3
-25°	3530.0	3381.5	3214.6	3032.4	2852.0	2664.8	2462.4	2261.7	2074.5	1878.8	1681.5
-27.5°	3106.6	2970.0	2818.2	2659.7	2504.5	2347.7	2172.3	1986.8	1831.6	1669.7	1506.1
-30°	2661.4	2551.8	2428.6	2290.3	2170.6	2044.1	1897.4	1743.9	1602.2	1479.1	1347.6
-32.5°	2239.7	2147.0	2059.3	1968.2	1850.2	1752.3	1651.1	1538.1	1413.3	1297.0	1202.5
-35°	1877.1	1777.6	1740.5	1673.1	1588.7	1502.7	1428.5	1347.6	1253.1	1150.2	1072.6
-37.5°	1571.9	1512.8	1460.6	1423.5	1367.8	1298.6	1239.6	1180.6	1108.1	1030.5	952.9
-40°	1334.1	1293.6	1236.2	1217.7	1182.3	1135.1	1074.3	1028.8	979.9	920.9	855.1
-42.5°	1143.5	1113.1	1076.0	1044.0	1028.8	995.1	947.8	904.0	865.2	824.7	774.1
-45°	986.6	966.4	942.8	914.1	902.3	875.3	841.6	792.7	770.8	737.0	699.9
-47.5°	860.1	850.0	833.2	814.6	797.7	777.5	747.1	716.8	686.4	664.5	635.8
-50°	760.6	753.9	743.8	728.6	706.7	693.2	672.9	646.0	617.3	598.7	578.5
-52.5°	681.4	674.6	667.9	656.1	639.2	625.7	608.8	586.9	563.3	544.8	527.9
-55°	620.7	610.5	605.5	595.4	581.9	566.7	551.5	536.3	516.1	499.2	482.4
-57.5°	573.4	559.9	553.2	544.8	531.3	516.1	504.3	489.1	475.6	457.1	441.9
-60°	536.3	521.1	507.7	499.2	487.4	472.2	460.4	448.6	435.1	420.0	401.4
-62.5°	506.0	487.4	468.9	458.7	446.9	433.4	421.6	409.8	396.3	381.2	364.3
-65°	477.3	455.4	431.8	421.6	409.8	396.3	381.2	372.7	360.9	347.4	330.6
-67.5°	441.9	418.3	398.0	386.2	374.4	362.6	349.1	340.7	328.9	312.0	295.1
-70°	389.6	374.4	360.9	350.8	340.7	330.6	317.1	303.6	290.1	274.9	259.7
-72.5°	323.8	318.8	317.1	312.0	300.2	288.4	274.9	261.4	249.6	237.8	226.0
-75°	261.4	264.8	268.2	266.5	254.7	242.9	231.1	219.3	210.8	200.7	190.6
-77.5°	207.4	210.8	214.2	214.2	205.8	199.0	190.6	182.1	175.4	167.0	156.8
-80°	160.2	165.3	170.3	173.7	167.0	161.9	155.2	148.4	141.7	134.9	128.2
-82.5°	121.4	126.5	131.6	134.9	129.9	126.5	121.4	116.4	111.3	104.6	99.5
-85°	87.7	91.1	94.4	96.1	92.8	89.4	86.0	82.6	79.3	74.2	70.8
-87.5°	50.6	52.3	54.0	55.7	52.3	48.9	47.2	43.9	42.2	38.8	37.1
-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: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-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°	42.2	38.8	35.4	33.7	30.4	25.3	21.9	18.6	15.2	11.8	10.1
85°	89.4	81.0	70.8	65.8	59.0	52.3	45.5	38.8	32.0	25.3	18.6
82.5°	153.5	143.4	133.2	121.4	106.3	87.7	69.1	57.3	47.2	37.1	28.7
80°	231.1	212.5	195.6	180.5	163.6	140.0	114.7	91.1	64.1	48.9	37.1
77.5°	320.4	298.5	274.9	249.6	222.6	190.6	161.9	131.6	99.5	67.5	47.2
75°	421.6	393.0	360.9	325.5	290.1	247.9	207.4	172.0	134.9	94.4	57.3
72.5°	534.6	499.2	460.4	413.2	357.5	308.6	259.7	212.5	168.7	119.7	77.6
70°	679.7	624.0	566.7	516.1	445.3	367.7	310.3	256.4	200.7	146.7	97.8
67.5°	834.8	767.4	698.2	624.0	534.6	443.6	360.9	300.2	234.4	172.0	116.4
65°	1003.5	919.2	831.5	748.8	625.7	517.8	425.0	342.4	266.5	195.6	134.9
62.5°	1177.2	1077.7	976.5	868.6	726.9	593.7	485.7	389.6	296.8	217.6	151.8
60°	1362.7	1246.4	1123.2	988.3	823.0	676.3	543.1	438.5	328.9	239.5	170.3
57.5°	1558.4	1431.9	1286.8	1104.7	922.5	755.6	608.8	482.4	357.5	259.7	183.8
55°	1770.9	1625.8	1467.3	1226.1	1020.4	834.8	674.6	526.2	387.9	276.6	197.3
52.5°	2000.3	1831.6	1630.9	1354.3	1123.2	915.8	735.3	565.0	416.6	295.1	209.1
50°	2256.6	2044.1	1774.3	1472.4	1212.6	991.7	796.1	607.2	440.2	315.4	219.3
47.5°	2523.1	2293.7	1902.4	1582.0	1303.7	1065.9	858.5	644.3	463.8	332.3	229.4
45°	2801.4	2467.4	2035.7	1679.8	1383.0	1133.4	905.7	678.0	492.5	347.4	237.8
42.5°	3076.3	2599.0	2152.0	1777.6	1457.2	1194.1	944.5	710.0	516.1	362.6	246.2
40°	3206.1	2698.5	2244.8	1845.1	1519.6	1248.1	978.2	738.7	536.3	372.7	254.7
37.5°	3260.1	2759.2	2305.5	1909.2	1568.5	1276.7	1006.9	764.0	553.2	382.8	261.4
35°	3271.9	2781.1	2335.9	1953.0	1609.0	1303.7	1028.8	782.6	566.7	393.0	268.2
32.5°	3250.0	2774.4	2344.3	1968.2	1634.3	1323.9	1044.0	796.1	576.8	403.1	274.9
30°	3201.1	2739.0	2314.0	1966.5	1652.8	1335.8	1054.1	806.2	586.9	409.8	278.3
27.5°	3121.8	2676.6	2275.2	1968.2	1662.9	1340.8	1059.2	811.2	593.7	414.9	285.0
25°	3024.0	2592.2	2276.9	1964.8	1664.6	1342.5	1059.2	811.2	595.4	416.6	290.1
22.5°	2911.0	2592.2	2276.9	1959.8	1654.5	1339.1	1054.1	807.9	595.4	420.0	295.1
20°	2917.7	2593.9	2271.8	1949.7	1639.3	1329.0	1042.3	799.4	590.3	425.0	298.5
17.5°	2922.8	2590.5	2261.7	1936.2	1619.1	1312.1	1027.1	787.6	590.3	430.1	300.2
15°	2922.8	2580.4	2246.5	1915.9	1593.8	1288.5	1005.2	777.5	592.0	431.8	303.6
12.5°	2917.7	2561.9	2222.9	1888.9	1563.4	1259.9	991.7	774.1	592.0	433.4	303.6
10°	2907.6	2536.6	2192.5	1855.2	1534.8	1249.7	984.9	767.4	588.6	433.4	303.6
7.5°	2889.1	2506.2	2167.2	1835.0	1517.9	1237.9	974.8	757.3	583.5	430.1	307.0
5°	2860.4	2489.4	2147.0	1811.4	1494.3	1229.5	968.1	748.8	580.2	430.1	303.6
2.5°	2823.3	2469.1	2123.4	1781.0	1467.3	1200.8	946.2	730.3	568.4	423.3	300.2
0°	2762.6	2428.6	2082.9	1738.8	1430.2	1172.2	924.2	711.7	556.6	416.6	296.8
-2.5°	2706.9	2374.7	2030.6	1695.0	1394.8	1146.9	907.4	701.6	551.5	414.9	295.1
-5°	2629.3	2300.5	1961.5	1637.6	1347.6	1121.6	890.5	689.8	546.4	411.5	295.1
-7.5°	2543.3	2222.9	1888.9	1578.6	1300.3	1077.7	858.5	671.2	534.6	404.8	293.5
-10°	2410.1	2106.5	1797.9	1511.2	1249.7	1038.9	831.5	654.4	524.5	398.0	286.7
-12.5°	2268.4	1978.3	1693.3	1428.5	1192.4	998.4	801.1	635.8	512.7	391.3	283.3
-15°	2118.3	1846.8	1583.7	1342.5	1130.0	949.5	769.1	615.6	500.9	382.8	278.3
-17.5°	1961.5	1708.5	1470.7	1254.8	1067.6	898.9	735.3	597.0	487.4	374.4	273.2
-20°	1796.2	1566.8	1356.0	1165.4	1001.8	848.3	699.9	575.1	472.2	364.3	266.5



REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1632.6	1426.8	1237.9	1077.7	934.4	796.1	664.5	553.2	455.4	352.5	261.4
-25°	1487.5	1295.3	1133.4	993.4	868.6	745.5	627.4	531.3	436.8	340.7	254.7
-27.5°	1345.9	1182.3	1030.5	914.1	804.5	696.5	592.0	507.7	418.3	327.2	247.9
-30°	1214.3	1074.3	949.5	836.5	743.8	652.7	561.6	484.0	398.0	313.7	239.5
-32.5°	1094.6	981.6	877.0	769.1	686.4	608.8	533.0	460.4	377.8	300.2	231.1
-35°	983.3	895.6	804.5	713.4	629.1	568.4	502.6	435.1	359.2	285.0	222.6
-37.5°	883.8	812.9	740.4	662.8	590.3	529.6	473.9	409.8	340.7	271.5	214.2
-40°	797.7	740.4	676.3	613.9	553.2	495.8	445.3	384.5	322.1	261.4	205.8
-42.5°	718.5	674.6	622.3	570.1	516.1	465.5	416.6	357.5	303.6	249.6	197.3
-45°	657.8	613.9	571.7	524.5	479.0	435.1	386.2	333.9	286.7	236.1	188.9
-47.5°	600.4	561.6	522.8	484.0	446.9	406.5	357.5	313.7	268.2	224.3	182.1
-50°	549.8	512.7	479.0	445.3	413.2	374.4	328.9	293.5	253.0	212.5	173.7
-52.5°	502.6	470.5	436.8	409.8	382.8	344.1	307.0	273.2	237.8	199.0	165.3
-55°	460.4	430.1	399.7	374.4	349.1	315.4	285.0	256.4	222.6	188.9	156.8
-57.5°	420.0	394.7	366.0	342.4	317.1	290.1	264.8	237.8	207.4	178.8	148.4
-60°	382.8	359.2	333.9	310.3	288.4	266.5	242.9	220.9	194.0	167.0	140.0
-62.5°	345.7	325.5	303.6	280.0	263.1	242.9	224.3	202.4	180.5	156.8	124.8
-65°	312.0	293.5	273.2	253.0	237.8	222.6	205.8	185.5	167.0	145.0	111.3
-67.5°	278.3	261.4	244.6	227.7	214.2	202.4	185.5	170.3	155.2	131.6	97.8
-70°	246.2	232.7	217.6	204.1	194.0	180.5	168.7	155.2	141.7	114.7	82.6
-72.5°	215.9	202.4	190.6	180.5	172.0	160.2	150.1	140.0	121.4	96.1	69.1
-75°	180.5	172.0	165.3	156.8	148.4	140.0	131.6	119.7	101.2	77.6	54.0
-77.5°	148.4	143.4	138.3	131.6	124.8	118.1	107.9	96.1	81.0	60.7	43.9
-80°	121.4	116.4	113.0	106.3	101.2	94.4	84.3	74.2	59.0	47.2	35.4
-82.5°	92.8	89.4	86.0	82.6	77.6	70.8	60.7	52.3	43.9	35.4	27.0
-85°	65.8	64.1	60.7	57.3	52.3	47.2	40.5	35.4	30.4	23.6	18.6
-87.5°	33.7	32.0	30.4	28.7	27.0	23.6	20.2	16.9	15.2	11.8	8.4
-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: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.7	5.1	1.7	0.0
85°	13.5	8.4	3.4	0.0
82.5°	20.2	13.5	5.1	0.0
80°	27.0	16.9	8.4	0.0
77.5°	33.7	20.2	10.1	0.0
75°	40.5	25.3	11.8	0.0
72.5°	45.5	28.7	13.5	0.0
70°	54.0	33.7	15.2	0.0
67.5°	67.5	37.1	16.9	0.0
65°	79.3	40.5	18.6	0.0
62.5°	92.8	43.9	20.2	0.0
60°	104.6	47.2	21.9	0.0
57.5°	116.4	55.7	23.6	0.0
55°	126.5	62.4	25.3	0.0
52.5°	138.3	69.1	27.0	0.0
50°	148.4	75.9	28.7	0.0
47.5°	156.8	82.6	28.7	0.0
45°	163.6	87.7	30.4	0.0
42.5°	168.7	92.8	32.0	0.0
40°	173.7	97.8	33.7	0.0
37.5°	178.8	102.9	33.7	0.0
35°	183.8	107.9	35.4	0.0
32.5°	188.9	113.0	35.4	0.0
30°	192.3	116.4	37.1	0.0
27.5°	197.3	119.7	37.1	0.0
25°	199.0	123.1	38.8	0.0
22.5°	202.4	124.8	38.8	0.0
20°	205.8	128.2	38.8	0.0
17.5°	207.4	129.9	40.5	0.0
15°	207.4	131.6	42.2	0.0
12.5°	209.1	133.2	42.2	0.0
10°	209.1	136.6	40.5	0.0
7.5°	212.5	134.9	40.5	0.0
5°	210.8	134.9	40.5	0.0
2.5°	209.1	133.2	40.5	0.0
0°	207.4	133.2	40.5	0.0
-2.5°	207.4	133.2	40.5	0.0
-5°	207.4	133.2	40.5	0.0
-7.5°	205.8	134.9	40.5	0.0
-10°	202.4	134.9	40.5	0.0
-12.5°	200.7	129.9	40.5	0.0
-15°	199.0	128.2	40.5	0.0
-17.5°	195.6	126.5	38.8	0.0
-20°	192.3	124.8	38.8	0.0



REPORT NUMBER: P722169  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	188.9	121.4	38.8	0.0
-25°	185.5	118.1	37.1	0.0
-27.5°	182.1	114.7	37.1	0.0
-30°	177.1	111.3	35.4	0.0
-32.5°	172.0	107.9	35.4	0.0
-35°	168.7	102.9	33.7	0.0
-37.5°	163.6	97.8	33.7	0.0
-40°	158.5	92.8	32.0	0.0
-42.5°	153.5	87.7	30.4	0.0
-45°	146.7	82.6	30.4	0.0
-47.5°	141.7	77.6	28.7	0.0
-50°	133.2	70.8	27.0	0.0
-52.5°	123.1	64.1	25.3	0.0
-55°	113.0	59.0	23.6	0.0
-57.5°	102.9	52.3	23.6	0.0
-60°	92.8	45.5	21.9	0.0
-62.5°	82.6	42.2	20.2	0.0
-65°	72.5	38.8	18.6	0.0
-67.5°	60.7	33.7	16.9	0.0
-70°	50.6	30.4	15.2	0.0
-72.5°	43.9	27.0	13.5	0.0
-75°	37.1	23.6	11.8	0.0
-77.5°	32.0	20.2	10.1	0.0
-80°	25.3	15.2	6.7	0.0
-82.5°	18.6	11.8	5.1	0.0
-85°	11.8	8.4	3.4	0.0
-87.5°	6.7	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)