

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: P721994

Luminaire Tested: **IFLD-S-SA3B-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721994  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

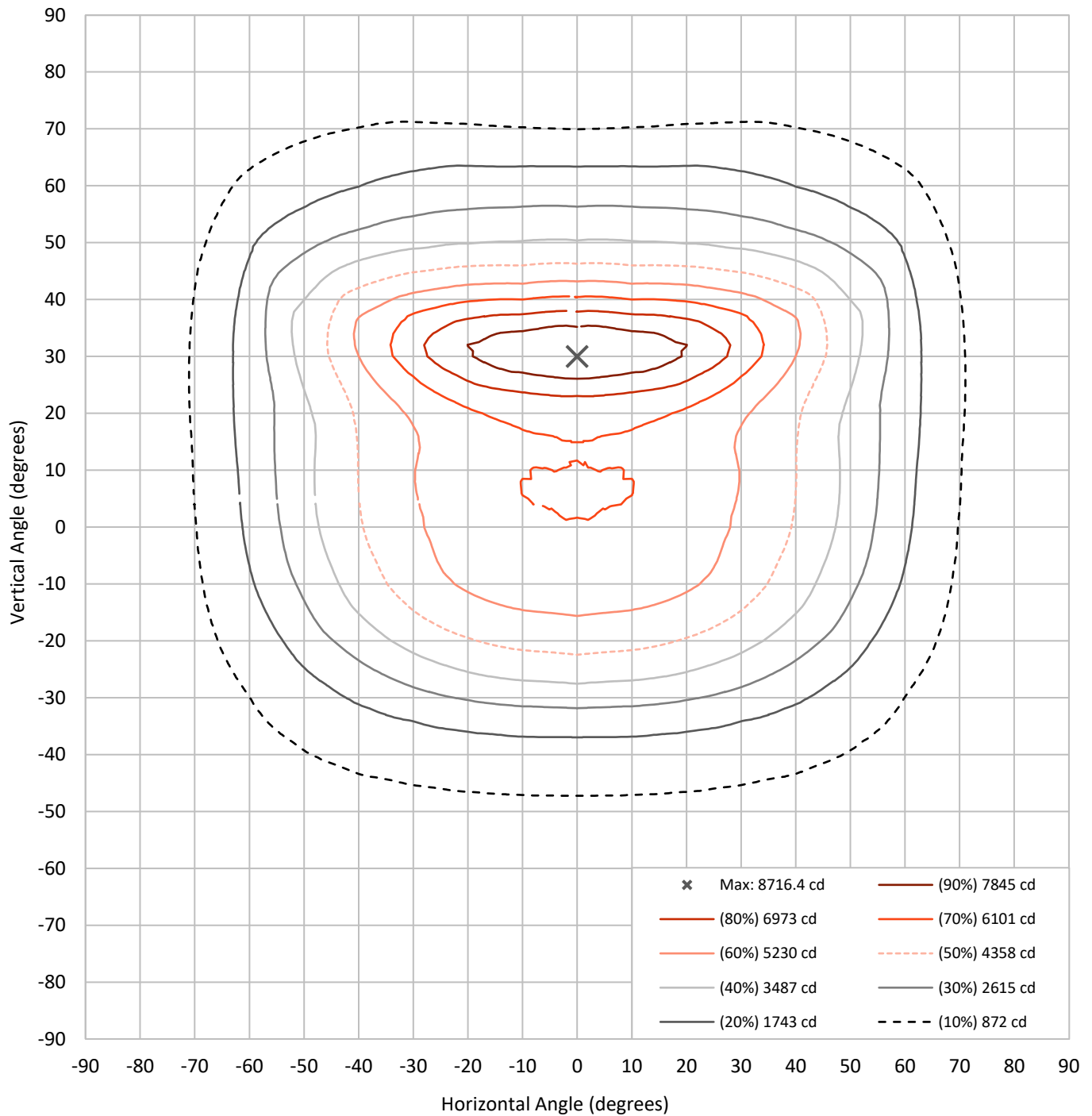
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14549.8 lumens	Max Intensity:	8716.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8460.9 lumens	Field Lumens:	13635.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4  
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: P721994  
CATALOG NUMBER: IFLD-S-SA3B-727-U-76

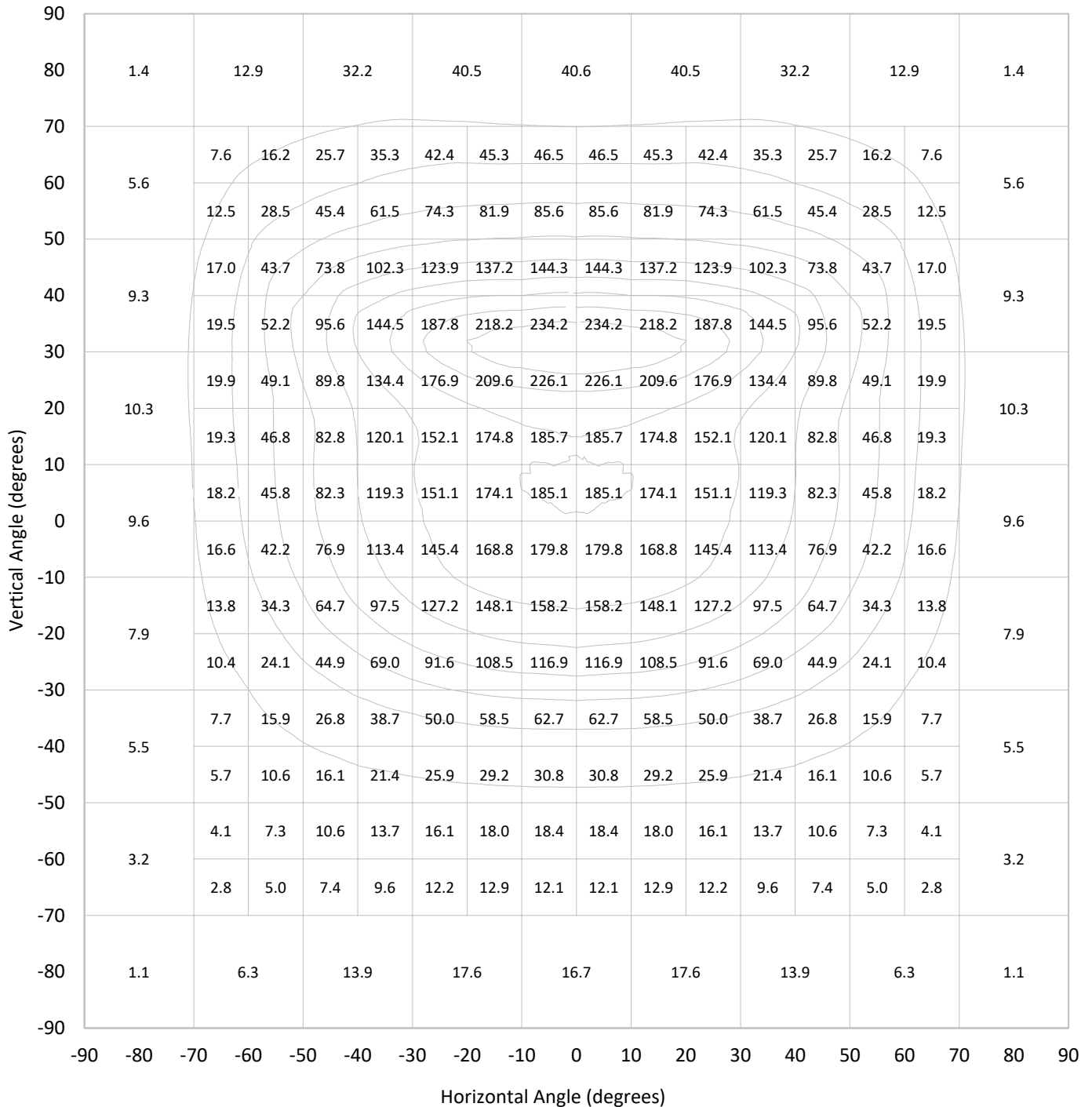
### Iso-Candela Plot





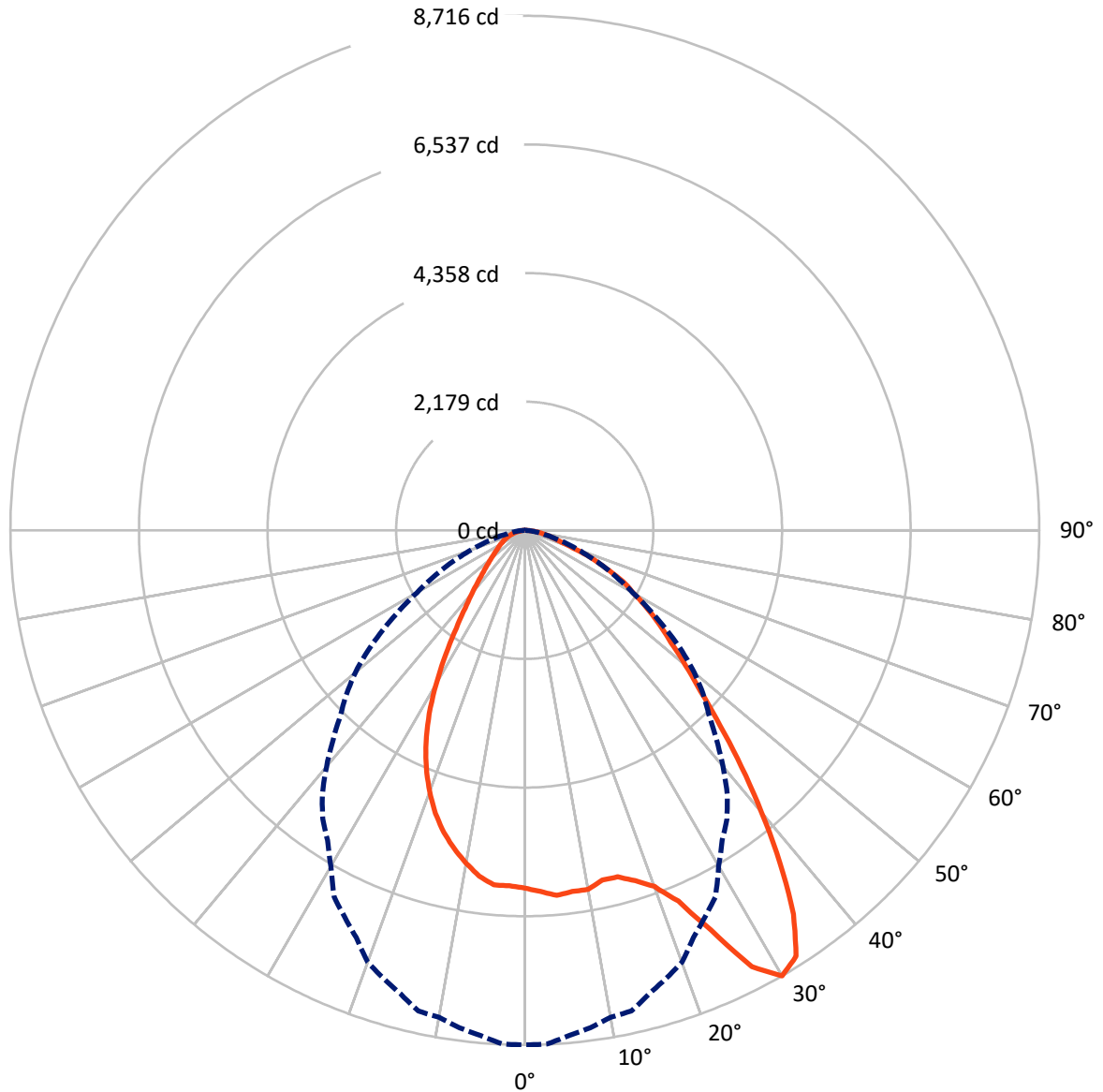
REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

### Lumen Table



REPORT NUMBER: P721994  
CATALOG NUMBER: IFLD-S-SA3B-727-U-76

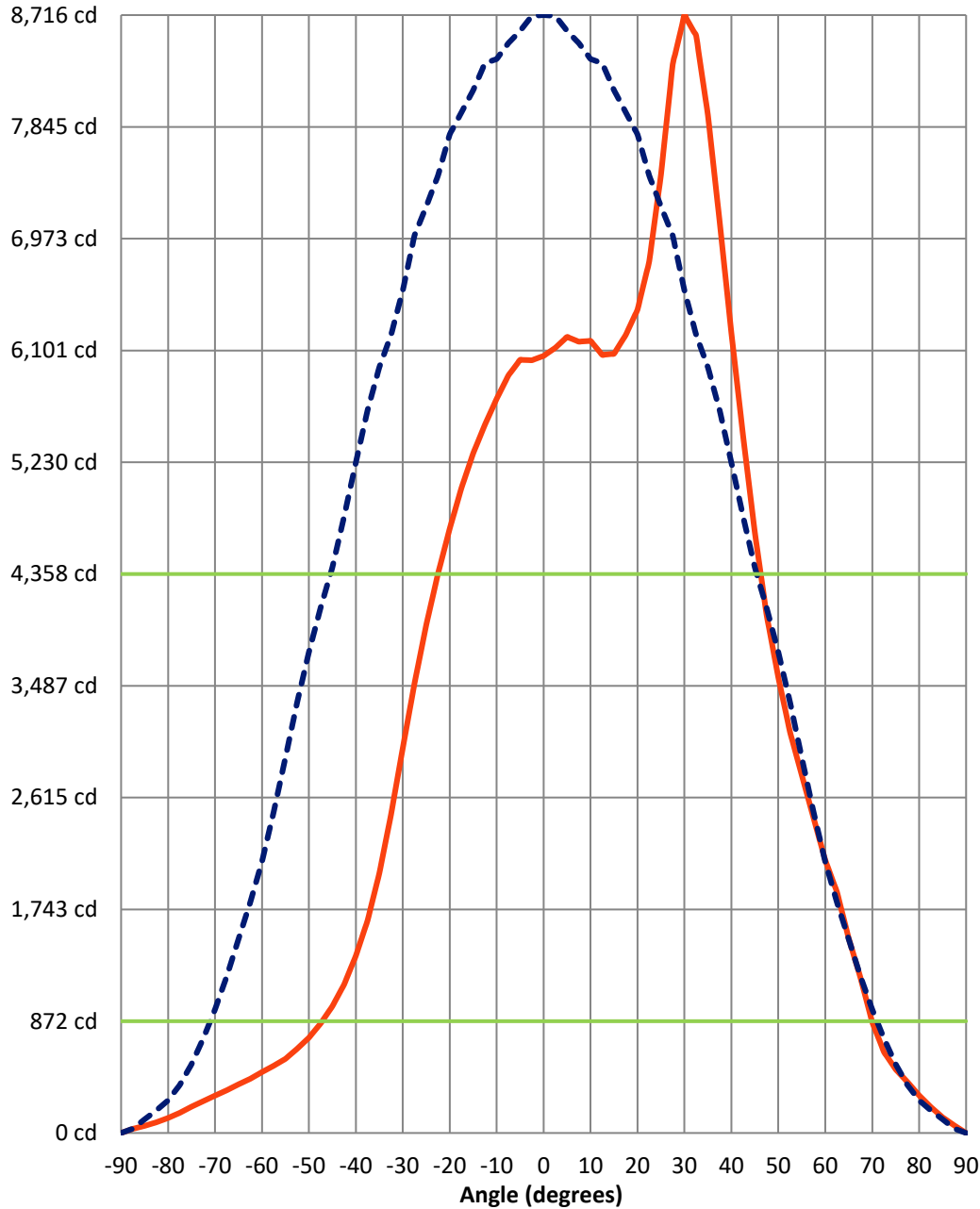
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 8460.9  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 13635.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 914.8  
 Efficiency: 6.3%

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



REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-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°	58.6	60.1	61.7	61.7	60.1	60.1	60.1	58.6	60.1	60.1	60.1
85°	121.8	124.9	127.9	126.4	124.9	121.8	118.7	120.2	121.8	123.3	123.3
82.5°	201.9	206.5	209.6	208.1	205.0	201.9	198.8	200.4	203.5	205.0	205.0
80°	292.9	294.4	295.9	299.0	294.4	294.4	292.9	299.0	302.1	305.2	308.3
77.5°	397.7	399.2	399.2	400.8	402.3	403.8	403.8	414.6	422.3	427.0	431.6
75°	496.3	500.9	505.6	510.2	516.4	519.4	524.1	539.5	551.8	561.1	570.3
72.5°	632.0	638.1	645.8	656.6	667.4	675.1	685.9	704.4	718.3	727.5	738.3
70°	864.7	870.9	878.6	886.3	897.1	904.8	915.6	938.7	952.6	958.7	964.9
67.5°	1210.0	1225.4	1239.3	1223.8	1216.1	1205.3	1208.4	1230.0	1243.9	1253.1	1251.6
65°	1516.7	1527.5	1527.5	1525.9	1519.8	1505.9	1513.6	1539.8	1555.2	1562.9	1539.8
62.5°	1877.4	1877.4	1869.7	1882.0	1883.5	1874.3	1869.7	1871.2	1872.8	1877.4	1838.8
60°	2127.1	2142.5	2147.1	2157.9	2161.0	2161.0	2168.7	2174.9	2174.9	2165.6	2120.9
57.5°	2456.9	2486.2	2492.4	2484.7	2469.3	2449.2	2446.1	2436.9	2418.4	2399.9	2378.3
55°	2789.9	2805.3	2803.7	2799.1	2783.7	2760.6	2763.7	2751.3	2722.0	2698.9	2669.6
52.5°	3124.3	3161.3	3167.5	3158.2	3136.7	3112.0	3113.5	3099.7	3070.4	3045.7	3005.7
50°	3551.3	3582.1	3579.0	3563.6	3532.8	3514.3	3515.8	3489.6	3455.7	3448.0	3395.6
47.5°	4039.9	4075.4	4069.2	4047.6	4006.0	3998.3	4006.0	3972.1	3952.0	3935.1	3873.4
45°	4681.1	4722.7	4699.6	4658.0	4591.7	4599.4	4610.2	4604.0	4560.9	4516.2	4437.6
42.5°	5433.3	5459.5	5431.8	5390.1	5306.9	5322.3	5316.1	5279.2	5253.0	5179.0	5078.8
40°	6237.9	6294.9	6251.8	6187.0	6100.7	6123.8	6106.9	6059.1	5997.4	5904.9	5778.6
37.5°	7105.7	7150.4	7101.0	7025.5	6948.4	6940.7	6906.8	6832.8	6745.0	6643.3	6441.3
35°	7936.5	8052.1	7961.1	7840.9	7746.9	7711.4	7679.1	7508.0	7407.8	7242.8	6966.9
32.5°	8554.5	8639.3	8526.8	8401.9	8287.9	8238.6	8124.5	7921.0	7867.1	7520.3	7267.5
30°	8716.4	8710.2	8593.1	8497.5	8374.2	8340.3	8130.7	7958.0	7785.4	7464.8	7224.4
27.5°	8331.0	8292.5	8180.0	8096.8	7975.0	7934.9	7728.4	7635.9	7369.2	7098.0	6894.5
25°	7472.5	7492.5	7407.8	7366.2	7286.0	7199.7	7118.0	6993.1	6826.7	6589.3	6402.8
22.5°	6795.9	6822.1	6786.6	6737.3	6675.6	6627.8	6566.2	6469.1	6308.8	6162.4	5986.6
20°	6419.8	6412.1	6381.2	6344.2	6285.7	6251.8	6183.9	6102.2	5978.9	5852.5	5663.0
17.5°	6222.5	6174.7	6145.4	6131.5	6100.7	6057.5	5977.4	5894.2	5798.6	5655.2	5516.5
15°	6076.0	6083.7	6060.6	6049.8	6025.2	5965.1	5883.4	5815.5	5686.1	5613.6	5487.2
12.5°	6066.8	6059.1	6060.6	6056.0	6025.2	5948.1	5906.5	5820.2	5736.9	5641.4	5496.5
10°	6176.2	6094.5	6100.7	6122.3	6073.0	6011.3	5966.6	5872.6	5794.0	5672.2	5528.9
7.5°	6170.1	6128.4	6140.8	6105.3	6120.7	6045.2	5983.6	5889.5	5790.9	5661.4	5531.9
5°	6207.1	6143.9	6133.1	6136.2	6097.6	6040.6	5957.4	5868.0	5775.5	5630.6	5498.0
2.5°	6122.3	6131.5	6082.2	6063.7	6059.1	5963.5	5886.5	5800.1	5704.6	5576.6	5458.0
0°	6059.1	6076.0	6025.2	5999.0	5997.4	5915.7	5866.4	5767.8	5699.9	5593.6	5450.2
-2.5°	6025.2	6045.2	6051.4	6003.6	5957.4	5894.2	5810.9	5704.6	5593.6	5470.3	5347.0
-5°	6028.3	5988.2	5971.2	5986.6	5946.6	5883.4	5790.9	5696.9	5587.4	5454.9	5300.7
-7.5°	5906.5	5866.4	5863.3	5855.6	5846.4	5786.3	5709.2	5607.5	5496.5	5373.2	5229.8
-10°	5724.6	5695.3	5687.6	5679.9	5655.2	5619.8	5547.4	5454.9	5354.7	5231.4	5078.8
-12.5°	5522.7	5508.8	5479.5	5459.5	5434.8	5393.2	5323.9	5239.1	5138.9	5029.5	4898.4
-15°	5299.2	5273.0	5243.7	5226.7	5191.3	5142.0	5072.6	4994.0	4884.6	4776.7	4653.4
-17.5°	5029.5	4997.1	4964.7	4960.1	4935.4	4859.9	4795.2	4699.6	4604.0	4500.8	4380.5
-20°	4711.9	4667.2	4645.7	4633.3	4599.4	4543.9	4474.6	4386.7	4294.2	4195.6	4056.9



REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4360.5	4322.0	4285.0	4261.9	4232.6	4189.4	4123.1	4046.1	3955.1	3844.2	3716.2
-25°	3961.3	3907.3	3884.2	3858.0	3842.6	3802.5	3737.8	3666.9	3572.9	3465.0	3343.2
-27.5°	3505.1	3461.9	3449.6	3412.6	3394.1	3352.5	3298.5	3232.2	3145.9	3044.2	2944.0
-30°	3001.0	2974.8	2954.8	2917.8	2903.9	2859.2	2823.8	2768.3	2689.7	2617.2	2537.1
-32.5°	2483.1	2456.9	2450.8	2433.8	2424.6	2395.3	2355.2	2315.1	2251.9	2198.0	2133.2
-35°	2023.8	2005.3	2006.8	2005.3	1996.1	1974.5	1925.2	1914.4	1868.1	1818.8	1777.2
-37.5°	1657.0	1658.5	1657.0	1655.4	1643.1	1633.8	1598.4	1584.5	1556.8	1509.0	1484.3
-40°	1381.1	1384.1	1382.6	1379.5	1365.6	1361.0	1337.9	1319.4	1308.6	1274.7	1248.5
-42.5°	1157.6	1162.2	1160.6	1159.1	1149.9	1148.3	1136.0	1114.4	1108.2	1088.2	1060.5
-45°	988.0	986.5	983.4	986.5	981.8	977.2	969.5	955.6	947.9	938.7	915.6
-47.5°	853.9	855.5	852.4	852.4	846.2	841.6	838.5	829.3	823.1	815.4	801.5
-50°	742.9	749.1	747.6	746.0	741.4	738.3	738.3	729.1	719.8	716.7	707.5
-52.5°	656.6	661.2	662.8	665.9	667.4	668.9	664.3	655.1	639.7	638.1	633.5
-55°	578.0	591.9	601.1	607.3	613.5	618.1	608.8	596.5	581.1	574.9	573.4
-57.5°	524.1	537.9	548.7	558.0	565.7	573.4	564.1	551.8	537.9	530.2	528.7
-60°	474.7	487.1	497.9	510.2	521.0	533.3	528.7	519.4	511.7	505.6	499.4
-62.5°	422.3	434.7	447.0	462.4	476.3	488.6	490.2	488.6	487.1	488.6	477.8
-65°	379.2	385.3	393.0	410.0	425.4	439.3	447.0	451.6	459.3	467.0	456.2
-67.5°	332.9	340.6	349.9	362.2	374.6	383.8	394.6	406.9	419.2	431.6	423.9
-70°	291.3	297.5	305.2	311.4	319.1	325.2	334.5	348.3	362.2	374.6	371.5
-72.5°	248.2	254.3	258.9	262.0	266.7	269.7	274.4	286.7	295.9	302.1	302.1
-75°	205.0	211.2	215.8	217.3	220.4	222.0	225.0	229.7	234.3	235.8	237.4
-77.5°	157.2	163.4	168.0	171.1	174.2	177.3	178.8	181.9	183.4	183.4	185.0
-80°	117.1	121.8	124.9	129.5	131.0	134.1	137.2	138.7	140.3	140.3	141.8
-82.5°	83.2	86.3	89.4	92.5	95.6	97.1	100.2	101.7	103.3	104.8	106.4
-85°	55.5	58.6	61.7	64.7	66.3	67.8	69.4	70.9	72.4	74.0	75.5
-87.5°	32.4	33.9	35.5	38.5	40.1	43.2	44.7	43.2	44.7	44.7	44.7
-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: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-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°	60.1	60.1	60.1	60.1	58.6	55.5	53.9	50.9	47.8	44.7	41.6
85°	124.9	126.4	126.4	126.4	123.3	121.8	117.1	112.5	106.4	97.1	89.4
82.5°	208.1	209.6	209.6	208.1	205.0	200.4	194.2	186.5	174.2	161.8	151.1
80°	312.9	314.4	314.4	312.9	305.2	297.5	289.8	280.5	265.1	248.2	229.7
77.5°	437.7	440.8	440.8	436.2	425.4	416.2	403.8	388.4	365.3	340.6	316.0
75°	582.6	590.3	591.9	587.3	573.4	556.4	536.4	510.2	474.7	443.9	414.6
72.5°	750.6	758.3	764.5	758.3	738.3	715.2	685.9	655.1	619.6	578.0	528.7
70°	971.1	978.8	983.4	963.3	927.9	889.4	853.9	818.5	776.8	726.0	672.0
67.5°	1248.5	1240.8	1231.5	1191.5	1146.8	1100.5	1051.2	998.8	944.9	890.9	827.7
65°	1515.2	1493.6	1473.5	1425.8	1368.7	1308.6	1251.6	1193.0	1128.3	1060.5	1000.3
62.5°	1795.7	1749.4	1700.1	1641.5	1583.0	1516.7	1459.7	1390.3	1317.9	1234.6	1157.6
60°	2071.6	2016.1	1966.8	1894.3	1817.3	1727.9	1666.2	1598.4	1513.6	1424.2	1333.3
57.5°	2338.2	2278.1	2224.2	2161.0	2077.8	1980.6	1912.8	1825.0	1735.6	1623.1	1530.6
55°	2621.9	2561.7	2518.6	2447.7	2356.7	2267.3	2193.4	2100.9	1976.0	1855.8	1741.7
52.5°	2947.1	2899.3	2853.1	2780.6	2671.2	2580.2	2498.5	2395.3	2264.3	2116.3	1979.1
50°	3310.8	3286.2	3236.9	3152.1	3027.2	2947.1	2839.2	2702.0	2561.7	2406.1	2235.0
47.5°	3793.3	3753.2	3683.8	3591.4	3486.6	3366.3	3221.4	3061.1	2862.3	2689.7	2507.8
45°	4369.8	4295.8	4206.4	4081.5	3952.0	3816.4	3657.6	3454.2	3187.5	2962.5	2771.4
42.5°	4994.0	4893.8	4772.0	4608.7	4440.7	4274.2	4103.1	3825.7	3492.7	3233.8	3018.0
40°	5646.0	5518.1	5365.5	5128.1	4941.6	4727.3	4531.6	4117.0	3762.5	3481.9	3252.3
37.5°	6284.1	6122.3	5866.4	5578.2	5360.8	5185.1	4755.1	4311.2	3993.7	3685.4	3452.6
35°	6772.7	6635.6	6183.9	5884.9	5698.4	5421.0	4883.0	4428.3	4092.3	3836.4	3474.2
32.5°	7062.5	6708.0	6311.9	6009.8	5855.6	5400.9	4892.3	4462.2	4138.5	3851.9	3418.7
30°	6997.8	6569.3	6222.5	5969.7	5635.2	5226.7	4806.0	4409.8	4095.4	3748.6	3357.1
27.5°	6607.8	6276.4	5966.6	5703.0	5374.7	5007.9	4619.5	4271.1	3978.2	3642.2	3272.3
25°	6167.0	5866.4	5636.8	5407.1	5095.7	4745.8	4403.7	4152.4	3858.0	3526.6	3161.3
22.5°	5761.6	5545.8	5365.5	5125.0	4821.4	4516.2	4303.5	4043.0	3740.9	3404.9	3047.3
20°	5502.7	5356.2	5149.7	4884.6	4645.7	4454.5	4218.7	3942.8	3631.4	3280.0	2950.2
17.5°	5377.8	5208.3	4978.6	4806.0	4622.5	4412.9	4149.3	3856.5	3525.1	3223.0	2961.0
15°	5313.1	5134.3	4983.2	4813.7	4607.1	4386.7	4093.9	3790.2	3525.1	3246.1	2968.7
12.5°	5326.9	5172.8	5007.9	4822.9	4601.0	4365.1	4100.0	3817.9	3543.6	3263.1	2970.2
10°	5370.1	5208.3	5032.5	4827.5	4604.0	4371.3	4117.0	3834.9	3552.8	3270.8	2967.1
7.5°	5385.5	5209.8	5021.7	4815.2	4596.3	4368.2	4120.1	3839.5	3554.4	3269.2	2957.9
5°	5337.7	5179.0	4997.1	4789.0	4574.8	4352.8	4107.7	3833.4	3542.0	3253.8	2934.7
2.5°	5273.0	5145.1	4970.9	4770.5	4553.2	4331.2	4087.7	3805.6	3514.3	3226.1	2905.5
0°	5262.2	5103.4	4927.7	4748.9	4517.7	4283.4	4041.4	3753.2	3463.4	3173.7	2854.6
-2.5°	5191.3	5023.3	4847.6	4653.4	4449.9	4214.1	3959.8	3677.7	3391.0	3105.8	2799.1
-5°	5137.4	4950.8	4764.3	4554.7	4349.7	4113.9	3850.3	3576.0	3295.4	3018.0	2722.0
-7.5°	5064.9	4873.8	4678.0	4459.2	4237.2	3996.7	3736.3	3461.9	3186.0	2910.1	2626.5
-10°	4918.5	4750.5	4567.0	4340.5	4106.2	3865.7	3606.8	3337.0	3061.1	2782.2	2497.0
-12.5°	4741.2	4564.0	4363.6	4155.5	3945.9	3722.4	3463.4	3198.3	2920.9	2640.3	2356.7
-15°	4511.6	4337.4	4132.4	3928.9	3727.0	3512.8	3284.6	3045.7	2763.7	2487.8	2204.1
-17.5°	4224.9	4061.5	3878.1	3683.8	3483.5	3267.7	3045.7	2843.8	2580.2	2321.3	2040.8
-20°	3916.6	3764.0	3599.1	3415.7	3215.3	3004.1	2794.5	2583.3	2355.2	2127.1	1866.6



REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3596.0	3441.9	3275.4	3104.3	2919.3	2723.6	2529.4	2327.5	2127.1	1920.5	1700.1
-25°	3226.1	3090.4	2937.8	2771.4	2606.4	2435.3	2250.4	2067.0	1895.9	1717.1	1536.7
-27.5°	2839.2	2714.3	2575.6	2430.7	2288.9	2145.6	1985.3	1815.7	1673.9	1525.9	1376.4
-30°	2432.3	2332.1	2219.6	2093.2	1983.7	1868.1	1734.0	1593.8	1464.3	1351.8	1231.5
-32.5°	2046.9	1962.2	1882.0	1798.8	1690.9	1601.5	1509.0	1405.7	1291.7	1185.3	1099.0
-35°	1715.5	1624.6	1590.7	1529.0	1452.0	1373.4	1305.5	1231.5	1145.2	1051.2	980.3
-37.5°	1436.5	1382.6	1334.8	1300.9	1250.0	1186.8	1132.9	1079.0	1012.7	941.8	870.9
-40°	1219.2	1182.2	1129.8	1112.9	1080.5	1037.3	981.8	940.2	895.5	841.6	781.5
-42.5°	1045.0	1017.3	983.4	954.1	940.2	909.4	866.2	826.2	790.7	753.7	707.5
-45°	901.7	883.2	861.6	835.4	824.6	800.0	769.1	724.4	704.4	673.6	639.7
-47.5°	786.1	776.8	761.4	744.5	729.1	710.6	682.8	655.1	627.3	607.3	581.1
-50°	695.2	689.0	679.7	665.9	645.8	633.5	615.0	590.3	564.1	547.2	528.7
-52.5°	622.7	616.5	610.4	599.6	584.2	571.8	556.4	536.4	514.8	497.9	482.4
-55°	567.2	558.0	553.3	544.1	531.8	517.9	504.0	490.2	471.7	456.2	440.8
-57.5°	524.1	511.7	505.6	497.9	485.5	471.7	460.9	447.0	434.7	417.7	403.8
-60°	490.2	476.3	463.9	456.2	445.5	431.6	420.8	410.0	397.7	383.8	366.8
-62.5°	462.4	445.5	428.5	419.2	408.5	396.1	385.3	374.6	362.2	348.3	332.9
-65°	436.2	416.2	394.6	385.3	374.6	362.2	348.3	340.6	329.9	317.5	302.1
-67.5°	403.8	382.3	363.8	353.0	342.2	331.4	319.1	311.4	300.6	285.2	269.7
-70°	356.1	342.2	329.9	320.6	311.4	302.1	289.8	277.4	265.1	251.2	237.4
-72.5°	295.9	291.3	289.8	285.2	274.4	263.6	251.2	238.9	228.1	217.3	206.5
-75°	238.9	242.0	245.1	243.5	232.7	222.0	211.2	200.4	192.7	183.4	174.2
-77.5°	189.6	192.7	195.8	195.8	188.0	181.9	174.2	166.5	160.3	152.6	143.3
-80°	146.4	151.1	155.7	158.8	152.6	148.0	141.8	135.6	129.5	123.3	117.1
-82.5°	111.0	115.6	120.2	123.3	118.7	115.6	111.0	106.4	101.7	95.6	90.9
-85°	80.2	83.2	86.3	87.9	84.8	81.7	78.6	75.5	72.4	67.8	64.7
-87.5°	46.2	47.8	49.3	50.9	47.8	44.7	43.2	40.1	38.5	35.5	33.9
-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: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-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°	38.5	35.5	32.4	30.8	27.7	23.1	20.0	17.0	13.9	10.8	9.2
85°	81.7	74.0	64.7	60.1	53.9	47.8	41.6	35.5	29.3	23.1	17.0
82.5°	140.3	131.0	121.8	111.0	97.1	80.2	63.2	52.4	43.2	33.9	26.2
80°	211.2	194.2	178.8	164.9	149.5	127.9	104.8	83.2	58.6	44.7	33.9
77.5°	292.9	272.8	251.2	228.1	203.5	174.2	148.0	120.2	90.9	61.7	43.2
75°	385.3	359.1	329.9	297.5	265.1	226.6	189.6	157.2	123.3	86.3	52.4
72.5°	488.6	456.2	420.8	377.6	326.8	282.1	237.4	194.2	154.1	109.4	70.9
70°	621.2	570.3	517.9	471.7	406.9	336.0	283.6	234.3	183.4	134.1	89.4
67.5°	763.0	701.3	638.1	570.3	488.6	405.4	329.9	274.4	214.2	157.2	106.4
65°	917.1	840.0	759.9	684.4	571.8	473.2	388.4	312.9	243.5	178.8	123.3
62.5°	1075.9	984.9	892.4	793.8	664.3	542.6	443.9	356.1	271.3	198.8	138.7
60°	1245.4	1139.1	1026.5	903.2	752.2	618.1	496.3	400.8	300.6	218.9	155.7
57.5°	1424.2	1308.6	1176.1	1009.6	843.1	690.5	556.4	440.8	326.8	237.4	168.0
55°	1618.4	1485.9	1341.0	1120.6	932.5	763.0	616.5	480.9	354.5	252.8	180.3
52.5°	1828.1	1673.9	1490.5	1237.7	1026.5	837.0	672.0	516.4	380.7	269.7	191.1
50°	2062.3	1868.1	1621.5	1345.6	1108.2	906.3	727.5	554.9	402.3	288.2	200.4
47.5°	2305.9	2096.2	1738.7	1445.8	1191.5	974.1	784.6	588.8	423.9	303.6	209.6
45°	2560.2	2255.0	1860.4	1535.2	1263.9	1035.8	827.7	619.6	450.1	317.5	217.3
42.5°	2811.4	2375.2	1966.8	1624.6	1331.7	1091.3	863.2	648.9	471.7	331.4	225.0
40°	2930.1	2466.2	2051.5	1686.2	1388.8	1140.6	894.0	675.1	490.2	340.6	232.7
37.5°	2979.4	2521.7	2107.0	1744.8	1433.5	1166.8	920.2	698.2	505.6	349.9	238.9
35°	2990.2	2541.7	2134.8	1784.9	1470.5	1191.5	940.2	715.2	517.9	359.1	245.1
32.5°	2970.2	2535.5	2142.5	1798.8	1493.6	1210.0	954.1	727.5	527.1	368.4	251.2
30°	2925.5	2503.2	2114.7	1797.2	1510.5	1220.8	963.3	736.8	536.4	374.6	254.3
27.5°	2853.1	2446.1	2079.3	1798.8	1519.8	1225.4	968.0	741.4	542.6	379.2	260.5
25°	2763.7	2369.1	2080.8	1795.7	1521.3	1226.9	968.0	741.4	544.1	380.7	265.1
22.5°	2660.4	2369.1	2080.8	1791.1	1512.1	1223.8	963.3	738.3	544.1	383.8	269.7
20°	2666.6	2370.6	2076.2	1781.8	1498.2	1214.6	952.6	730.6	539.5	388.4	272.8
17.5°	2671.2	2367.5	2067.0	1769.5	1479.7	1199.2	938.7	719.8	539.5	393.0	274.4
15°	2671.2	2358.3	2053.1	1751.0	1456.6	1177.6	918.7	710.6	541.0	394.6	277.4
12.5°	2666.6	2341.3	2031.5	1726.3	1428.8	1151.4	906.3	707.5	541.0	396.1	277.4
10°	2657.3	2318.2	2003.8	1695.5	1402.6	1142.1	900.2	701.3	537.9	396.1	277.4
7.5°	2640.3	2290.5	1980.6	1677.0	1387.2	1131.4	890.9	692.1	533.3	393.0	280.5
5°	2614.1	2275.0	1962.2	1655.4	1365.6	1123.7	884.7	684.4	530.2	393.0	277.4
2.5°	2580.2	2256.6	1940.6	1627.7	1341.0	1097.4	864.7	667.4	519.4	386.9	274.4
0°	2524.7	2219.6	1903.6	1589.1	1307.1	1071.2	844.7	650.5	508.6	380.7	271.3
-2.5°	2473.9	2170.2	1855.8	1549.1	1274.7	1048.1	829.3	641.2	504.0	379.2	269.7
-5°	2403.0	2102.4	1792.6	1496.7	1231.5	1025.0	813.8	630.4	499.4	376.1	269.7
-7.5°	2324.4	2031.5	1726.3	1442.7	1188.4	984.9	784.6	613.5	488.6	369.9	268.2
-10°	2202.6	1925.2	1643.1	1381.1	1142.1	949.5	759.9	598.0	479.4	363.8	262.0
-12.5°	2073.1	1808.0	1547.5	1305.5	1089.7	912.5	732.1	581.1	468.6	357.6	258.9
-15°	1935.9	1687.8	1447.3	1226.9	1032.7	867.8	702.9	562.6	457.8	349.9	254.3
-17.5°	1792.6	1561.4	1344.1	1146.8	975.7	821.5	672.0	545.6	445.5	342.2	249.7
-20°	1641.5	1431.9	1239.3	1065.1	915.6	775.3	639.7	525.6	431.6	332.9	243.5



REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1492.0	1304.0	1131.4	984.9	853.9	727.5	607.3	505.6	416.2	322.1	238.9
-25°	1359.5	1183.8	1035.8	907.9	793.8	681.3	573.4	485.5	399.2	311.4	232.7
-27.5°	1230.0	1080.5	941.8	835.4	735.2	636.6	541.0	463.9	382.3	299.0	226.6
-30°	1109.8	981.8	867.8	764.5	679.7	596.5	513.3	442.4	363.8	286.7	218.9
-32.5°	1000.3	897.1	801.5	702.9	627.3	556.4	487.1	420.8	345.3	274.4	211.2
-35°	898.6	818.5	735.2	652.0	574.9	519.4	459.3	397.7	328.3	260.5	203.5
-37.5°	807.7	742.9	676.7	605.8	539.5	484.0	433.1	374.6	311.4	248.2	195.8
-40°	729.1	676.7	618.1	561.1	505.6	453.2	406.9	351.4	294.4	238.9	188.0
-42.5°	656.6	616.5	568.8	521.0	471.7	425.4	380.7	326.8	277.4	228.1	180.3
-45°	601.1	561.1	522.5	479.4	437.7	397.7	353.0	305.2	262.0	215.8	172.6
-47.5°	548.7	513.3	477.8	442.4	408.5	371.5	326.8	286.7	245.1	205.0	166.5
-50°	502.5	468.6	437.7	406.9	377.6	342.2	300.6	268.2	231.2	194.2	158.8
-52.5°	459.3	430.0	399.2	374.6	349.9	314.4	280.5	249.7	217.3	181.9	151.1
-55°	420.8	393.0	365.3	342.2	319.1	288.2	260.5	234.3	203.5	172.6	143.3
-57.5°	383.8	360.7	334.5	312.9	289.8	265.1	242.0	217.3	189.6	163.4	135.6
-60°	349.9	328.3	305.2	283.6	263.6	243.5	222.0	201.9	177.3	152.6	127.9
-62.5°	316.0	297.5	277.4	255.9	240.5	222.0	205.0	185.0	164.9	143.3	114.1
-65°	285.2	268.2	249.7	231.2	217.3	203.5	188.0	169.5	152.6	132.6	101.7
-67.5°	254.3	238.9	223.5	208.1	195.8	185.0	169.5	155.7	141.8	120.2	89.4
-70°	225.0	212.7	198.8	186.5	177.3	164.9	154.1	141.8	129.5	104.8	75.5
-72.5°	197.3	185.0	174.2	164.9	157.2	146.4	137.2	127.9	111.0	87.9	63.2
-75°	164.9	157.2	151.1	143.3	135.6	127.9	120.2	109.4	92.5	70.9	49.3
-77.5°	135.6	131.0	126.4	120.2	114.1	107.9	98.6	87.9	74.0	55.5	40.1
-80°	111.0	106.4	103.3	97.1	92.5	86.3	77.1	67.8	53.9	43.2	32.4
-82.5°	84.8	81.7	78.6	75.5	70.9	64.7	55.5	47.8	40.1	32.4	24.7
-85°	60.1	58.6	55.5	52.4	47.8	43.2	37.0	32.4	27.7	21.6	17.0
-87.5°	30.8	29.3	27.7	26.2	24.7	21.6	18.5	15.4	13.9	10.8	7.7
-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: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.2	4.6	1.5	0.0
85°	12.3	7.7	3.1	0.0
82.5°	18.5	12.3	4.6	0.0
80°	24.7	15.4	7.7	0.0
77.5°	30.8	18.5	9.2	0.0
75°	37.0	23.1	10.8	0.0
72.5°	41.6	26.2	12.3	0.0
70°	49.3	30.8	13.9	0.0
67.5°	61.7	33.9	15.4	0.0
65°	72.4	37.0	17.0	0.0
62.5°	84.8	40.1	18.5	0.0
60°	95.6	43.2	20.0	0.0
57.5°	106.4	50.9	21.6	0.0
55°	115.6	57.0	23.1	0.0
52.5°	126.4	63.2	24.7	0.0
50°	135.6	69.4	26.2	0.0
47.5°	143.3	75.5	26.2	0.0
45°	149.5	80.2	27.7	0.0
42.5°	154.1	84.8	29.3	0.0
40°	158.8	89.4	30.8	0.0
37.5°	163.4	94.0	30.8	0.0
35°	168.0	98.6	32.4	0.0
32.5°	172.6	103.3	32.4	0.0
30°	175.7	106.4	33.9	0.0
27.5°	180.3	109.4	33.9	0.0
25°	181.9	112.5	35.5	0.0
22.5°	185.0	114.1	35.5	0.0
20°	188.0	117.1	35.5	0.0
17.5°	189.6	118.7	37.0	0.0
15°	189.6	120.2	38.5	0.0
12.5°	191.1	121.8	38.5	0.0
10°	191.1	124.9	37.0	0.0
7.5°	194.2	123.3	37.0	0.0
5°	192.7	123.3	37.0	0.0
2.5°	191.1	121.8	37.0	0.0
0°	189.6	121.8	37.0	0.0
-2.5°	189.6	121.8	37.0	0.0
-5°	189.6	121.8	37.0	0.0
-7.5°	188.0	123.3	37.0	0.0
-10°	185.0	123.3	37.0	0.0
-12.5°	183.4	118.7	37.0	0.0
-15°	181.9	117.1	37.0	0.0
-17.5°	178.8	115.6	35.5	0.0
-20°	175.7	114.1	35.5	0.0



REPORT NUMBER: P721994  
 CATALOG NUMBER: IFLD-S-SA3B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	172.6	111.0	35.5	0.0
-25°	169.5	107.9	33.9	0.0
-27.5°	166.5	104.8	33.9	0.0
-30°	161.8	101.7	32.4	0.0
-32.5°	157.2	98.6	32.4	0.0
-35°	154.1	94.0	30.8	0.0
-37.5°	149.5	89.4	30.8	0.0
-40°	144.9	84.8	29.3	0.0
-42.5°	140.3	80.2	27.7	0.0
-45°	134.1	75.5	27.7	0.0
-47.5°	129.5	70.9	26.2	0.0
-50°	121.8	64.7	24.7	0.0
-52.5°	112.5	58.6	23.1	0.0
-55°	103.3	53.9	21.6	0.0
-57.5°	94.0	47.8	21.6	0.0
-60°	84.8	41.6	20.0	0.0
-62.5°	75.5	38.5	18.5	0.0
-65°	66.3	35.5	17.0	0.0
-67.5°	55.5	30.8	15.4	0.0
-70°	46.2	27.7	13.9	0.0
-72.5°	40.1	24.7	12.3	0.0
-75°	33.9	21.6	10.8	0.0
-77.5°	29.3	18.5	9.2	0.0
-80°	23.1	13.9	6.2	0.0
-82.5°	17.0	10.8	4.6	0.0
-85°	10.8	7.7	3.1	0.0
-87.5°	6.2	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)