

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: P722026

Luminaire Tested: **IFLD-S-SA3E-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722026  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

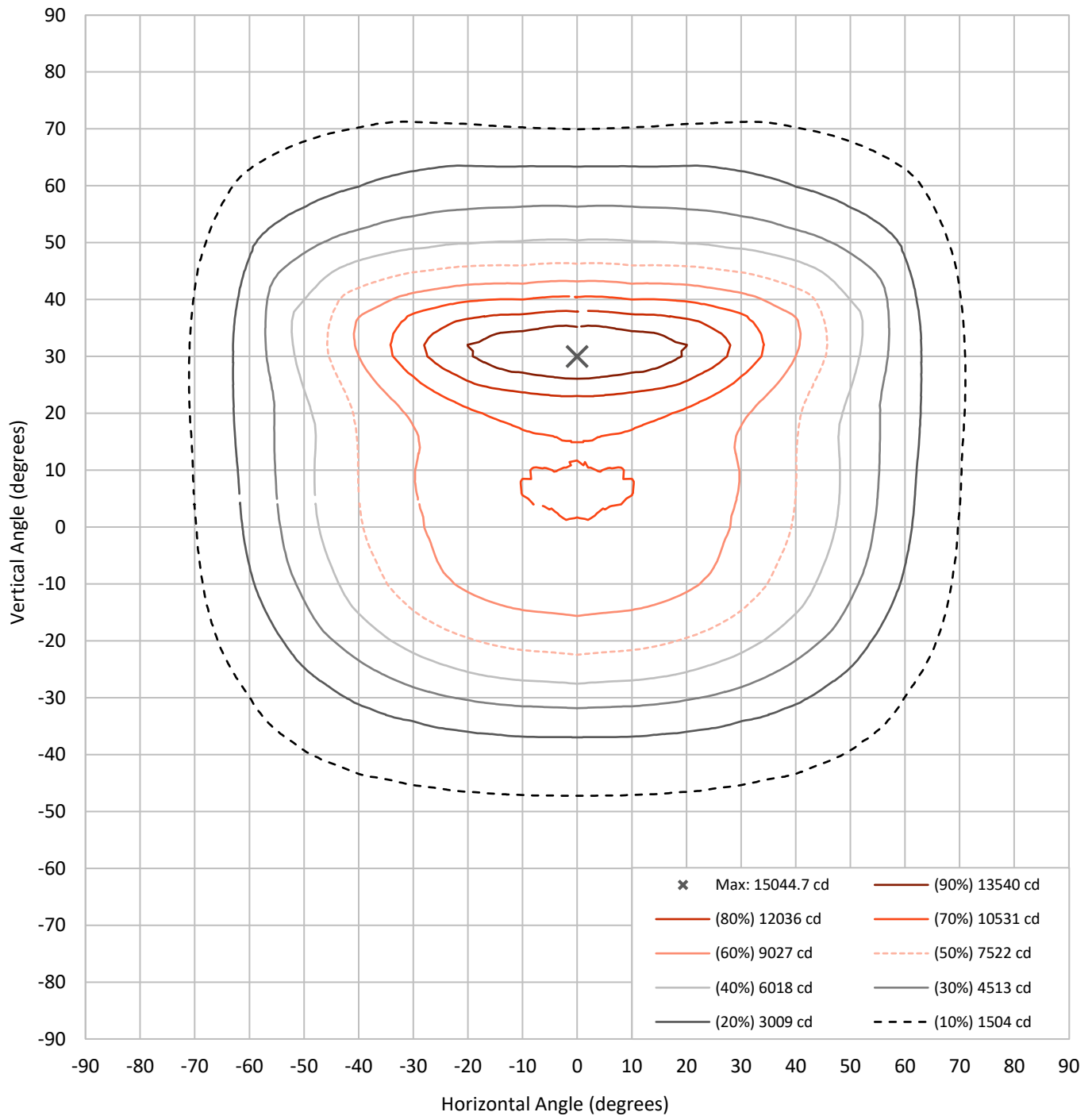
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25113.4 lumens	Max Intensity:	15044.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14603.7 lumens	Field Lumens:	23534.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 232.1  
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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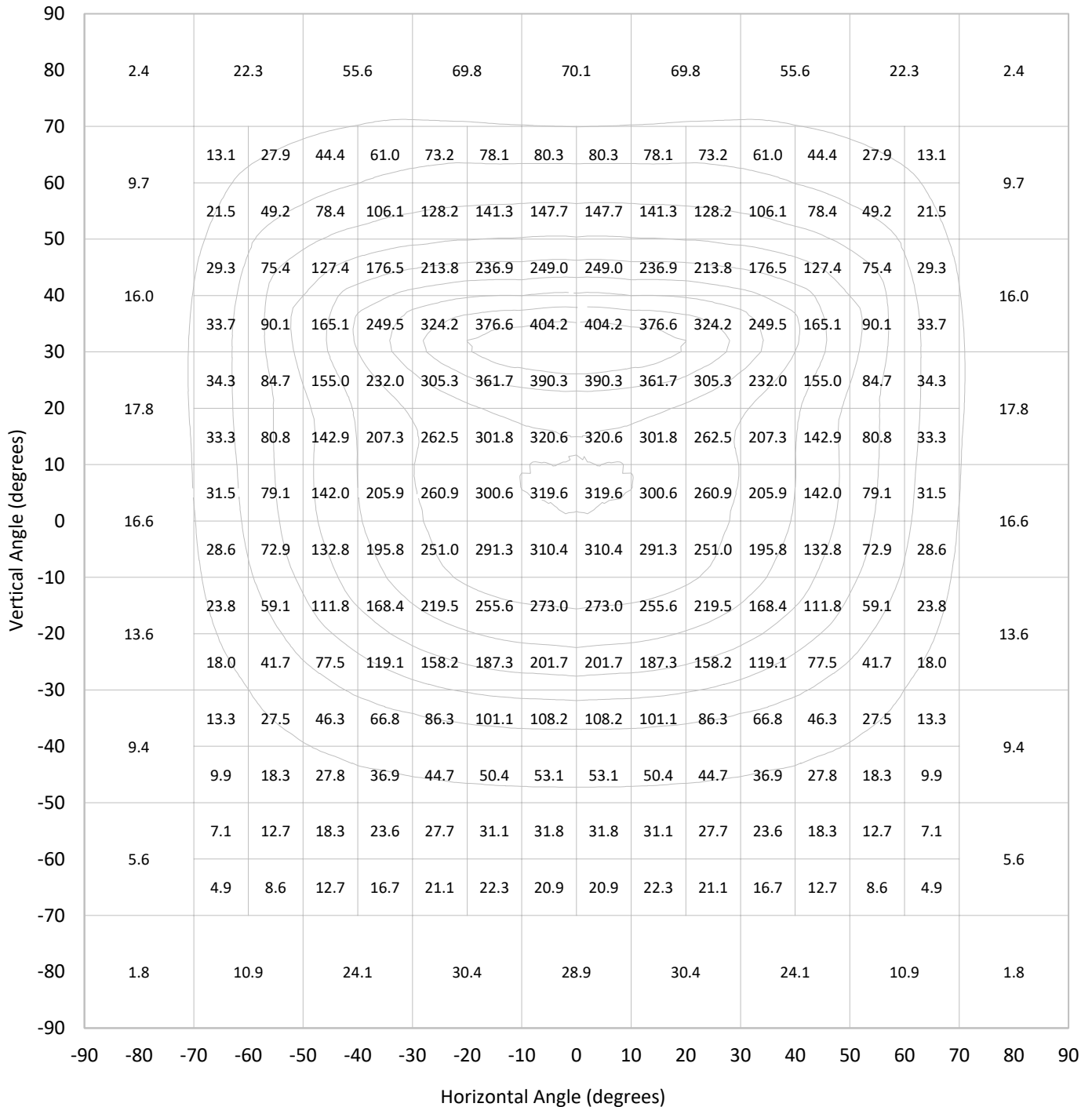
### Iso-Candela Plot





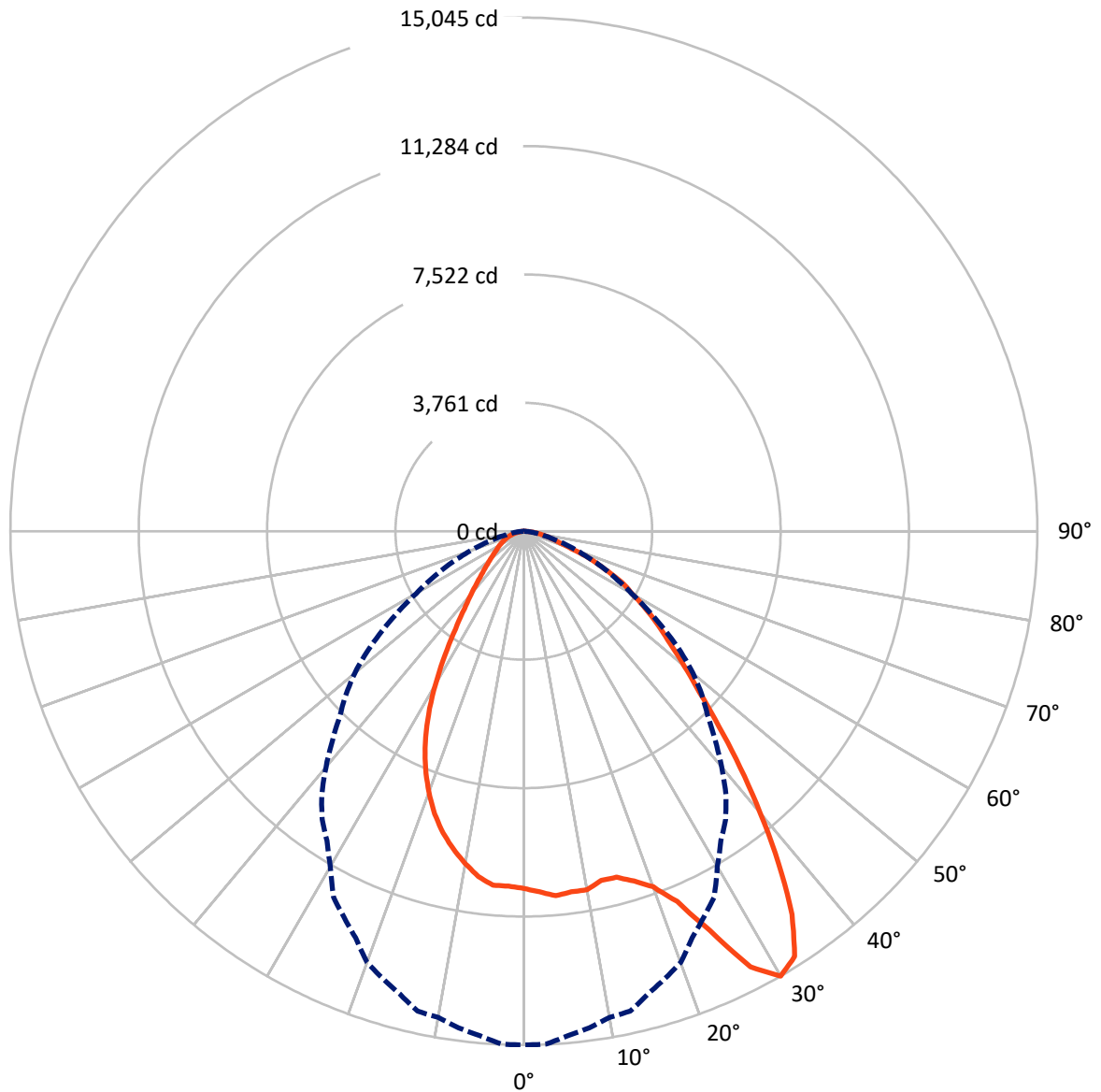
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### Lumen Table



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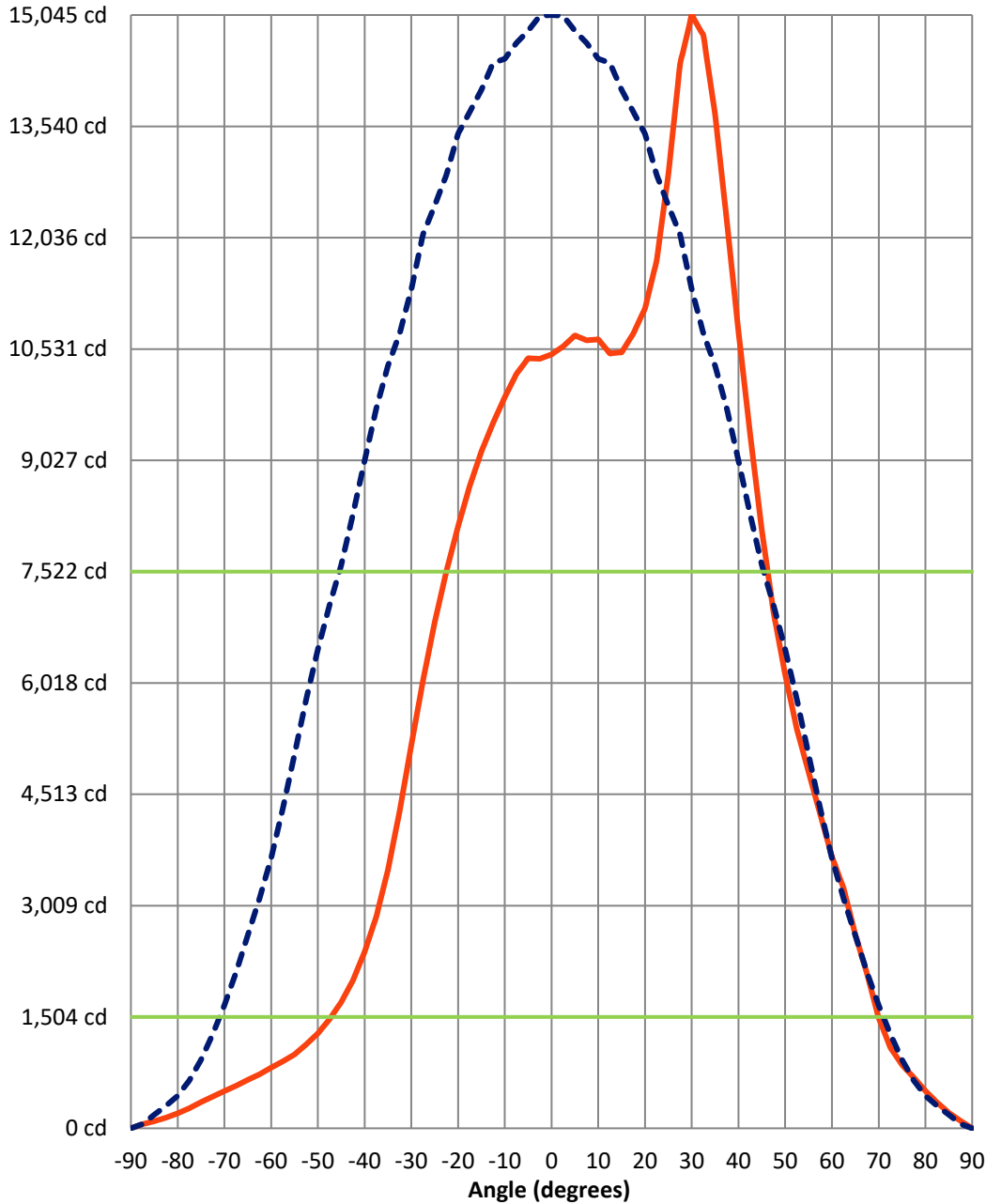
### Luminous Intensity Polar Plot



— 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: 14603.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 23534.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1578.9  
 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°	101.1	103.8	106.4	106.4	103.8	103.8	103.8	101.1	103.8	103.8	103.8
85°	210.2	215.5	220.8	218.2	215.5	210.2	204.9	207.5	210.2	212.8	212.8
82.5°	348.5	356.5	361.8	359.2	353.8	348.5	343.2	345.9	351.2	353.8	353.8
80°	505.5	508.1	510.8	516.1	508.1	508.1	505.5	516.1	521.4	526.8	532.1
77.5°	686.4	689.0	689.0	691.7	694.4	697.0	697.0	715.7	729.0	736.9	744.9
75°	856.7	864.6	872.6	880.6	891.2	896.6	904.5	931.1	952.4	968.4	984.4
72.5°	1090.8	1101.4	1114.7	1133.3	1152.0	1165.3	1183.9	1215.8	1239.8	1255.7	1274.3
70°	1492.5	1503.1	1516.4	1529.7	1548.4	1561.7	1580.3	1620.2	1644.1	1654.8	1665.4
67.5°	2088.4	2115.0	2139.0	2112.4	2099.1	2080.4	2085.8	2123.0	2147.0	2162.9	2160.3
65°	2617.9	2636.5	2636.5	2633.8	2623.2	2599.2	2612.5	2657.8	2684.4	2697.7	2657.8
62.5°	3240.4	3240.4	3227.1	3248.4	3251.0	3235.1	3227.1	3229.8	3232.4	3240.4	3173.9
60°	3671.4	3698.0	3706.0	3724.6	3729.9	3729.9	3743.2	3753.9	3753.9	3737.9	3660.7
57.5°	4240.7	4291.3	4301.9	4288.6	4262.0	4227.4	4222.1	4206.1	4174.2	4142.3	4105.0
55°	4815.4	4842.0	4839.3	4831.3	4804.7	4764.8	4770.1	4748.9	4698.3	4658.4	4607.8
52.5°	5392.7	5456.5	5467.2	5451.2	5414.0	5371.4	5374.0	5350.1	5299.6	5257.0	5187.8
50°	6129.6	6182.8	6177.5	6150.9	6097.7	6065.8	6068.4	6023.2	5964.7	5951.4	5860.9
47.5°	6973.0	7034.2	7023.5	6986.3	6914.4	6901.1	6914.4	6855.9	6821.3	6792.1	6685.6
45°	8079.7	8151.5	8111.6	8039.8	7925.4	7938.7	7957.3	7946.7	7872.2	7795.0	7659.4
42.5°	9378.0	9423.2	9375.3	9303.5	9159.8	9186.4	9175.8	9111.9	9066.7	8939.0	8766.1
40°	10766.7	10865.2	10790.7	10678.9	10529.9	10569.9	10540.6	10458.1	10351.7	10192.1	9973.9
37.5°	12264.5	12341.7	12256.6	12126.2	11993.2	11979.9	11921.3	11793.6	11642.0	11466.4	11117.9
35°	13698.5	13898.0	13741.1	13533.6	13371.3	13310.1	13254.2	12958.9	12786.0	12501.3	12025.1
32.5°	14765.3	14911.7	14717.4	14502.0	14305.1	14219.9	14023.1	13671.9	13578.8	12980.2	12543.9
30°	15044.7	15034.0	14831.8	14666.9	14454.1	14395.5	14033.7	13735.8	13437.8	12884.4	12469.4
27.5°	14379.6	14313.1	14118.9	13975.2	13765.0	13695.8	13339.3	13179.7	12719.5	12251.2	11900.1
25°	12897.7	12932.3	12786.0	12714.1	12575.8	12426.8	12285.8	12070.3	11783.0	11373.3	11051.4
22.5°	11729.8	11775.0	11713.8	11628.7	11522.3	11439.8	11333.4	11165.8	10889.1	10636.4	10333.1
20°	11080.7	11067.3	11014.1	10950.3	10849.2	10790.7	10673.6	10532.6	10319.8	10101.6	9774.4
17.5°	10740.1	10657.6	10607.1	10583.2	10529.9	10455.5	10317.1	10173.4	10008.5	9761.1	9521.6
15°	10487.4	10500.7	10460.8	10442.1	10399.6	10295.8	10154.8	10037.8	9814.3	9689.3	9471.1
12.5°	10471.4	10458.1	10460.8	10452.8	10399.6	10266.6	10194.7	10045.7	9902.1	9737.1	9487.1
10°	10660.3	10519.3	10529.9	10567.2	10482.1	10375.6	10298.5	10136.2	10000.5	9790.3	9542.9
7.5°	10649.7	10577.8	10599.1	10537.9	10564.5	10434.2	10327.8	10165.5	9995.2	9771.7	9548.2
5°	10713.5	10604.4	10585.8	10591.1	10524.6	10426.2	10282.5	10128.2	9968.6	9718.5	9489.7
2.5°	10567.2	10583.2	10498.0	10466.1	10458.1	10293.2	10160.1	10011.2	9846.2	9625.4	9420.5
0°	10458.1	10487.4	10399.6	10354.4	10351.7	10210.7	10125.6	9955.3	9838.2	9654.7	9407.2
-2.5°	10399.6	10434.2	10444.8	10362.3	10282.5	10173.4	10029.8	9846.2	9654.7	9441.8	9229.0
-5°	10404.9	10335.7	10306.5	10333.1	10263.9	10154.8	9995.2	9832.9	9644.0	9415.2	9149.2
-7.5°	10194.7	10125.6	10120.2	10106.9	10091.0	9987.2	9854.2	9678.6	9487.1	9274.2	9026.8
-10°	9880.8	9830.3	9817.0	9803.6	9761.1	9699.9	9574.9	9415.2	9242.3	9029.5	8766.1
-12.5°	9532.3	9508.3	9457.8	9423.2	9380.6	9308.8	9189.1	9042.8	8869.8	8681.0	8454.8
-15°	9146.5	9101.3	9050.8	9021.5	8960.3	8875.2	8755.4	8619.8	8430.9	8244.6	8031.8
-17.5°	8681.0	8625.1	8569.2	8561.2	8518.7	8388.3	8276.6	8111.6	7946.7	7768.4	7560.9
-20°	8132.9	8055.8	8018.5	7997.2	7938.7	7842.9	7723.2	7571.6	7411.9	7241.7	7002.2



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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°	7526.3	7459.8	7396.0	7356.1	7305.5	7231.0	7116.6	6983.6	6826.6	6635.1	6414.3
-25°	6837.3	6744.2	6704.3	6659.0	6632.4	6563.3	6451.5	6329.1	6166.9	5980.6	5770.5
-27.5°	6049.8	5975.3	5954.0	5890.2	5858.2	5786.4	5693.3	5578.9	5429.9	5254.3	5081.4
-30°	5179.8	5134.6	5100.0	5036.2	5012.2	4935.1	4873.9	4778.1	4642.4	4517.4	4379.1
-32.5°	4285.9	4240.7	4230.1	4200.8	4184.8	4134.3	4065.1	3996.0	3886.9	3793.8	3682.0
-35°	3493.1	3461.2	3463.9	3461.2	3445.2	3408.0	3322.9	3304.2	3224.4	3139.3	3067.5
-37.5°	2860.0	2862.6	2860.0	2857.3	2836.0	2820.0	2758.9	2734.9	2687.0	2604.6	2562.0
-40°	2383.7	2389.1	2386.4	2381.1	2357.1	2349.2	2309.2	2277.3	2258.7	2200.2	2154.9
-42.5°	1998.0	2006.0	2003.3	2000.6	1984.7	1982.0	1960.7	1923.5	1912.8	1878.3	1830.4
-45°	1705.3	1702.7	1697.3	1702.7	1694.7	1686.7	1673.4	1649.5	1636.2	1620.2	1580.3
-47.5°	1473.9	1476.5	1471.2	1471.2	1460.6	1452.6	1447.3	1431.3	1420.7	1407.4	1383.4
-50°	1282.3	1293.0	1290.3	1287.6	1279.7	1274.3	1274.3	1258.4	1242.4	1237.1	1221.1
-52.5°	1133.3	1141.3	1144.0	1149.3	1152.0	1154.6	1146.6	1130.7	1104.1	1101.4	1093.4
-55°	997.7	1021.6	1037.6	1048.2	1058.8	1066.8	1050.9	1029.6	1003.0	992.3	989.7
-57.5°	904.5	928.5	947.1	963.1	976.4	989.7	973.7	952.4	928.5	915.2	912.5
-60°	819.4	840.7	859.3	880.6	899.2	920.5	912.5	896.6	883.3	872.6	862.0
-62.5°	729.0	750.2	771.5	798.1	822.1	843.4	846.0	843.4	840.7	843.4	824.7
-65°	654.5	665.1	678.4	707.7	734.3	758.2	771.5	779.5	792.8	806.1	787.5
-67.5°	574.7	588.0	603.9	625.2	646.5	662.4	681.1	702.4	723.6	744.9	731.6
-70°	502.8	513.5	526.8	537.4	550.7	561.3	577.3	601.3	625.2	646.5	641.2
-72.5°	428.3	439.0	447.0	452.3	460.3	465.6	473.6	494.8	510.8	521.4	521.4
-75°	353.8	364.5	372.5	375.1	380.4	383.1	388.4	396.4	404.4	407.0	409.7
-77.5°	271.4	282.0	290.0	295.3	300.6	305.9	308.6	313.9	316.6	316.6	319.3
-80°	202.2	210.2	215.5	223.5	226.1	231.5	236.8	239.4	242.1	242.1	244.8
-82.5°	143.7	149.0	154.3	159.6	164.9	167.6	172.9	175.6	178.2	180.9	183.6
-85°	95.8	101.1	106.4	111.7	114.4	117.1	119.7	122.4	125.0	127.7	130.4
-87.5°	55.9	58.5	61.2	66.5	69.2	74.5	77.2	74.5	77.2	77.2	77.2
-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°	103.8	103.8	103.8	103.8	101.1	95.8	93.1	87.8	82.5	77.2	71.8
85°	215.5	218.2	218.2	218.2	212.8	210.2	202.2	194.2	183.6	167.6	154.3
82.5°	359.2	361.8	361.8	359.2	353.8	345.9	335.2	321.9	300.6	279.3	260.7
80°	540.1	542.7	542.7	540.1	526.8	513.5	500.2	484.2	457.6	428.3	396.4
77.5°	755.6	760.9	760.9	752.9	734.3	718.3	697.0	670.4	630.5	588.0	545.4
75°	1005.6	1018.9	1021.6	1013.6	989.7	960.4	925.8	880.6	819.4	766.2	715.7
72.5°	1295.6	1308.9	1319.6	1308.9	1274.3	1234.4	1183.9	1130.7	1069.5	997.7	912.5
70°	1676.1	1689.4	1697.3	1662.8	1601.6	1535.1	1473.9	1412.7	1340.9	1253.1	1159.9
67.5°	2154.9	2141.6	2125.7	2056.5	1979.4	1899.5	1814.4	1724.0	1630.8	1537.7	1428.6
65°	2615.2	2577.9	2543.4	2460.9	2362.5	2258.7	2160.3	2059.2	1947.4	1830.4	1726.6
62.5°	3099.4	3019.6	2934.4	2833.3	2732.3	2617.9	2519.4	2399.7	2274.7	2131.0	1998.0
60°	3575.6	3479.8	3394.7	3269.7	3136.6	2982.3	2875.9	2758.9	2612.5	2458.2	2301.3
57.5°	4035.9	3932.1	3839.0	3729.9	3586.2	3418.6	3301.6	3149.9	2995.6	2801.4	2641.8
55°	4525.4	4421.6	4347.1	4224.7	4067.8	3913.5	3785.8	3626.2	3410.7	3203.1	3006.3
52.5°	5086.7	5004.3	4924.4	4799.4	4610.5	4453.5	4312.5	4134.3	3908.2	3652.8	3416.0
50°	5714.6	5672.0	5586.9	5440.6	5225.1	5086.7	4900.5	4663.7	4421.6	4152.9	3857.6
47.5°	6547.3	6478.1	6358.4	6198.8	6017.9	5810.4	5560.3	5283.6	4940.4	4642.4	4328.5
45°	7542.3	7414.6	7260.3	7044.8	6821.3	6587.2	6313.2	5962.0	5501.7	5113.3	4783.4
42.5°	8619.8	8446.8	8236.7	7954.7	7664.7	7377.3	7082.0	6603.2	6028.5	5581.6	5209.1
40°	9745.1	9524.3	9260.9	8851.2	8529.3	8159.5	7821.6	7106.0	6494.1	6009.9	5613.5
37.5°	10846.5	10567.2	10125.6	9628.1	9252.9	8949.7	8207.4	7441.2	6893.1	6361.1	5959.3
35°	11689.9	11453.1	10673.6	10157.5	9835.6	9356.7	8428.2	7643.4	7063.4	6621.8	5996.6
32.5°	12190.0	11578.1	10894.4	10373.0	10106.9	9322.1	8444.2	7701.9	7143.2	6648.4	5900.8
30°	12078.3	11338.7	10740.1	10303.8	9726.5	9021.5	8295.2	7611.5	7068.7	6470.1	5794.4
27.5°	11405.2	10833.2	10298.5	9843.6	9276.9	8643.7	7973.3	7372.0	6866.5	6286.6	5648.1
25°	10644.3	10125.6	9729.2	9332.8	8795.3	8191.4	7600.8	7167.2	6659.0	6087.0	5456.5
22.5°	9944.7	9572.2	9260.9	8845.9	8321.8	7795.0	7427.9	6978.3	6456.8	5876.9	5259.7
20°	9497.7	9245.0	8888.5	8430.9	8018.5	7688.6	7281.6	6805.4	6268.0	5661.4	5092.0
17.5°	9282.2	8989.6	8593.2	8295.2	7978.6	7616.8	7161.9	6656.4	6084.4	5562.9	5110.7
15°	9170.5	8861.9	8601.1	8308.5	7952.0	7571.6	7066.1	6542.0	6084.4	5602.8	5124.0
12.5°	9194.4	8928.4	8643.7	8324.5	7941.4	7534.3	7076.7	6589.9	6116.3	5632.1	5126.6
10°	9268.9	8989.6	8686.3	8332.4	7946.7	7545.0	7106.0	6619.1	6132.3	5645.4	5121.3
7.5°	9295.5	8992.2	8667.6	8311.2	7933.4	7539.6	7111.3	6627.1	6134.9	5642.8	5105.3
5°	9213.0	8939.0	8625.1	8265.9	7896.1	7513.0	7090.0	6616.5	6113.6	5616.1	5065.4
2.5°	9101.3	8880.5	8579.9	8234.0	7858.9	7475.8	7055.4	6568.6	6065.8	5568.3	5014.9
0°	9082.7	8808.7	8505.4	8196.8	7797.7	7393.3	6975.6	6478.1	5978.0	5477.8	4927.1
-2.5°	8960.3	8670.3	8367.0	8031.8	7680.6	7273.6	6834.6	6347.8	5852.9	5360.7	4831.3
-5°	8867.2	8545.3	8223.4	7861.5	7507.7	7100.7	6645.7	6172.2	5688.0	5209.1	4698.3
-7.5°	8742.1	8412.2	8074.4	7696.6	7313.5	6898.5	6448.9	5975.3	5499.1	5022.9	4533.4
-10°	8489.4	8199.4	7882.8	7491.7	7087.4	6672.3	6225.4	5759.8	5283.6	4802.1	4309.9
-12.5°	8183.5	7877.5	7531.7	7172.5	6810.7	6424.9	5978.0	5520.4	5041.5	4557.3	4067.8
-15°	7787.1	7486.4	7132.6	6781.4	6432.9	6063.1	5669.4	5257.0	4770.1	4293.9	3804.4
-17.5°	7292.2	7010.2	6693.6	6358.4	6012.6	5640.1	5257.0	4908.5	4453.5	4006.6	3522.4
-20°	6760.1	6496.7	6212.1	5895.5	5549.6	5185.2	4823.3	4458.9	4065.1	3671.4	3221.8



REPORT NUMBER: P722026  
 CATALOG NUMBER: IFLD-S-SA3E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6206.8	5940.7	5653.4	5358.1	5038.8	4701.0	4365.7	4017.2	3671.4	3314.9	2934.4
-25°	5568.3	5334.1	5070.8	4783.4	4498.8	4203.5	3884.2	3567.6	3272.3	2963.7	2652.4
-27.5°	4900.5	4685.0	4445.6	4195.5	3950.7	3703.3	3426.6	3134.0	2889.2	2633.8	2375.8
-30°	4198.1	4025.2	3831.0	3612.9	3424.0	3224.4	2993.0	2750.9	2527.4	2333.2	2125.7
-32.5°	3533.0	3386.7	3248.4	3104.7	2918.5	2764.2	2604.6	2426.3	2229.4	2045.9	1896.9
-35°	2961.0	2804.1	2745.6	2639.1	2506.1	2370.4	2253.4	2125.7	1976.7	1814.4	1692.0
-37.5°	2479.5	2386.4	2303.9	2245.4	2157.6	2048.5	1955.4	1862.3	1747.9	1625.5	1503.1
-40°	2104.4	2040.5	1950.1	1920.8	1865.0	1790.5	1694.7	1622.9	1545.7	1452.6	1348.8
-42.5°	1803.8	1755.9	1697.3	1646.8	1622.9	1569.6	1495.2	1426.0	1364.8	1300.9	1221.1
-45°	1556.3	1524.4	1487.2	1441.9	1423.3	1380.8	1327.5	1250.4	1215.8	1162.6	1104.1
-47.5°	1356.8	1340.9	1314.2	1285.0	1258.4	1226.5	1178.6	1130.7	1082.8	1048.2	1003.0
-50°	1199.8	1189.2	1173.2	1149.3	1114.7	1093.4	1061.5	1018.9	973.7	944.4	912.5
-52.5°	1074.8	1064.2	1053.5	1034.9	1008.3	987.0	960.4	925.8	888.6	859.3	832.7
-55°	979.0	963.1	955.1	939.1	917.8	893.9	870.0	846.0	814.1	787.5	760.9
-57.5°	904.5	883.3	872.6	859.3	838.0	814.1	795.5	771.5	750.2	721.0	697.0
-60°	846.0	822.1	800.8	787.5	768.9	744.9	726.3	707.7	686.4	662.4	633.2
-62.5°	798.1	768.9	739.6	723.6	705.0	683.7	665.1	646.5	625.2	601.3	574.7
-65°	752.9	718.3	681.1	665.1	646.5	625.2	601.3	588.0	569.3	548.0	521.4
-67.5°	697.0	659.8	627.9	609.2	590.6	572.0	550.7	537.4	518.8	492.2	465.6
-70°	614.6	590.6	569.3	553.4	537.4	521.4	500.2	478.9	457.6	433.6	409.7
-72.5°	510.8	502.8	500.2	492.2	473.6	454.9	433.6	412.4	393.7	375.1	356.5
-75°	412.4	417.7	423.0	420.3	401.7	383.1	364.5	345.9	332.6	316.6	300.6
-77.5°	327.2	332.6	337.9	337.9	324.6	313.9	300.6	287.3	276.7	263.4	247.4
-80°	252.7	260.7	268.7	274.0	263.4	255.4	244.8	234.1	223.5	212.8	202.2
-82.5°	191.6	199.5	207.5	212.8	204.9	199.5	191.6	183.6	175.6	164.9	157.0
-85°	138.3	143.7	149.0	151.6	146.3	141.0	135.7	130.4	125.0	117.1	111.7
-87.5°	79.8	82.5	85.1	87.8	82.5	77.2	74.5	69.2	66.5	61.2	58.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-S-SA3E-730-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°	66.5	61.2	55.9	53.2	47.9	39.9	34.6	29.3	23.9	18.6	16.0
85°	141.0	127.7	111.7	103.8	93.1	82.5	71.8	61.2	50.5	39.9	29.3
82.5°	242.1	226.1	210.2	191.6	167.6	138.3	109.1	90.5	74.5	58.5	45.2
80°	364.5	335.2	308.6	284.7	258.1	220.8	180.9	143.7	101.1	77.2	58.5
77.5°	505.5	470.9	433.6	393.7	351.2	300.6	255.4	207.5	157.0	106.4	74.5
75°	665.1	619.9	569.3	513.5	457.6	391.1	327.2	271.4	212.8	149.0	90.5
72.5°	843.4	787.5	726.3	651.8	564.0	486.9	409.7	335.2	266.0	188.9	122.4
70°	1072.1	984.4	893.9	814.1	702.4	580.0	489.5	404.4	316.6	231.5	154.3
67.5°	1316.9	1210.5	1101.4	984.4	843.4	699.7	569.3	473.6	369.8	271.4	183.6
65°	1583.0	1449.9	1311.6	1181.2	987.0	816.7	670.4	540.1	420.3	308.6	212.8
62.5°	1857.0	1700.0	1540.4	1370.1	1146.6	936.5	766.2	614.6	468.2	343.2	239.4
60°	2149.6	1966.1	1771.8	1559.0	1298.3	1066.8	856.7	691.7	518.8	377.8	268.7
57.5°	2458.2	2258.7	2029.9	1742.6	1455.2	1191.9	960.4	760.9	564.0	409.7	290.0
55°	2793.4	2564.6	2314.6	1934.1	1609.6	1316.9	1064.2	830.1	611.9	436.3	311.3
52.5°	3155.3	2889.2	2572.6	2136.3	1771.8	1444.6	1159.9	891.2	657.1	465.6	329.9
50°	3559.6	3224.4	2798.8	2322.5	1912.8	1564.3	1255.7	957.8	694.4	497.5	345.9
47.5°	3980.0	3618.2	3001.0	2495.5	2056.5	1681.4	1354.2	1016.3	731.6	524.1	361.8
45°	4419.0	3892.2	3211.1	2649.8	2181.5	1787.8	1428.6	1069.5	776.8	548.0	375.1
42.5°	4852.6	4099.7	3394.7	2804.1	2298.6	1883.6	1489.8	1120.0	814.1	572.0	388.4
40°	5057.5	4256.7	3541.0	2910.5	2397.0	1968.7	1543.0	1165.3	846.0	588.0	401.7
37.5°	5142.6	4352.4	3636.8	3011.6	2474.2	2013.9	1588.3	1205.2	872.6	603.9	412.4
35°	5161.2	4387.0	3684.7	3080.8	2538.0	2056.5	1622.9	1234.4	893.9	619.9	423.0
32.5°	5126.6	4376.4	3698.0	3104.7	2577.9	2088.4	1646.8	1255.7	909.9	635.8	433.6
30°	5049.5	4320.5	3650.1	3102.1	2607.2	2107.1	1662.8	1271.7	925.8	646.5	439.0
27.5°	4924.4	4222.1	3588.9	3104.7	2623.2	2115.0	1670.7	1279.7	936.5	654.5	449.6
25°	4770.1	4089.1	3591.6	3099.4	2625.8	2117.7	1670.7	1279.7	939.1	657.1	457.6
22.5°	4591.9	4089.1	3591.6	3091.4	2609.9	2112.4	1662.8	1274.3	939.1	662.4	465.6
20°	4602.5	4091.7	3583.6	3075.4	2585.9	2096.4	1644.1	1261.0	931.1	670.4	470.9
17.5°	4610.5	4086.4	3567.6	3054.2	2554.0	2069.8	1620.2	1242.4	931.1	678.4	473.6
15°	4610.5	4070.4	3543.7	3022.2	2514.1	2032.6	1585.6	1226.5	933.8	681.1	478.9
12.5°	4602.5	4041.2	3506.4	2979.7	2466.2	1987.3	1564.3	1221.1	933.8	683.7	478.9
10°	4586.6	4001.3	3458.5	2926.5	2421.0	1971.4	1553.7	1210.5	928.5	683.7	478.9
7.5°	4557.3	3953.4	3418.6	2894.5	2394.4	1952.7	1537.7	1194.5	920.5	678.4	484.2
5°	4512.1	3926.8	3386.7	2857.3	2357.1	1939.4	1527.1	1181.2	915.2	678.4	478.9
2.5°	4453.5	3894.9	3349.5	2809.4	2314.6	1894.2	1492.5	1152.0	896.6	667.8	473.6
0°	4357.8	3831.0	3285.6	2742.9	2256.0	1849.0	1457.9	1122.7	877.9	657.1	468.2
-2.5°	4270.0	3745.9	3203.1	2673.7	2200.2	1809.1	1431.3	1106.7	870.0	654.5	465.6
-5°	4147.6	3628.8	3094.1	2583.3	2125.7	1769.2	1404.7	1088.1	862.0	649.1	465.6
-7.5°	4011.9	3506.4	2979.7	2490.2	2051.2	1700.0	1354.2	1058.8	843.4	638.5	462.9
-10°	3801.7	3322.9	2836.0	2383.7	1971.4	1638.8	1311.6	1032.2	827.4	627.9	452.3
-12.5°	3578.3	3120.7	2671.1	2253.4	1880.9	1575.0	1263.7	1003.0	808.8	617.2	447.0
-15°	3341.5	2913.2	2498.1	2117.7	1782.5	1497.8	1213.2	971.1	790.1	603.9	439.0
-17.5°	3094.1	2695.0	2319.9	1979.4	1684.0	1418.0	1159.9	941.8	768.9	590.6	431.0
-20°	2833.3	2471.5	2139.0	1838.4	1580.3	1338.2	1104.1	907.2	744.9	574.7	420.3



REPORT NUMBER: P722026

CATALOG NUMBER: IFLD-S-SA3E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2575.3	2250.7	1952.7	1700.0	1473.9	1255.7	1048.2	872.6	718.3	556.0	412.4
-25°	2346.5	2043.2	1787.8	1567.0	1370.1	1175.9	989.7	838.0	689.0	537.4	401.7
-27.5°	2123.0	1865.0	1625.5	1441.9	1269.0	1098.8	933.8	800.8	659.8	516.1	391.1
-30°	1915.5	1694.7	1497.8	1319.6	1173.2	1029.6	885.9	763.5	627.9	494.8	377.8
-32.5°	1726.6	1548.4	1383.4	1213.2	1082.8	960.4	840.7	726.3	595.9	473.6	364.5
-35°	1551.0	1412.7	1269.0	1125.4	992.3	896.6	792.8	686.4	566.7	449.6	351.2
-37.5°	1394.1	1282.3	1167.9	1045.5	931.1	835.4	747.6	646.5	537.4	428.3	337.9
-40°	1258.4	1167.9	1066.8	968.4	872.6	782.2	702.4	606.6	508.1	412.4	324.6
-42.5°	1133.3	1064.2	981.7	899.2	814.1	734.3	657.1	564.0	478.9	393.7	311.3
-45°	1037.6	968.4	901.9	827.4	755.6	686.4	609.2	526.8	452.3	372.5	298.0
-47.5°	947.1	885.9	824.7	763.5	705.0	641.2	564.0	494.8	423.0	353.8	287.3
-50°	867.3	808.8	755.6	702.4	651.8	590.6	518.8	462.9	399.1	335.2	274.0
-52.5°	792.8	742.3	689.0	646.5	603.9	542.7	484.2	431.0	375.1	313.9	260.7
-55°	726.3	678.4	630.5	590.6	550.7	497.5	449.6	404.4	351.2	298.0	247.4
-57.5°	662.4	622.5	577.3	540.1	500.2	457.6	417.7	375.1	327.2	282.0	234.1
-60°	603.9	566.7	526.8	489.5	454.9	420.3	383.1	348.5	305.9	263.4	220.8
-62.5°	545.4	513.5	478.9	441.6	415.0	383.1	353.8	319.3	284.7	247.4	196.9
-65°	492.2	462.9	431.0	399.1	375.1	351.2	324.6	292.6	263.4	228.8	175.6
-67.5°	439.0	412.4	385.8	359.2	337.9	319.3	292.6	268.7	244.8	207.5	154.3
-70°	388.4	367.1	343.2	321.9	305.9	284.7	266.0	244.8	223.5	180.9	130.4
-72.5°	340.5	319.3	300.6	284.7	271.4	252.7	236.8	220.8	191.6	151.6	109.1
-75°	284.7	271.4	260.7	247.4	234.1	220.8	207.5	188.9	159.6	122.4	85.1
-77.5°	234.1	226.1	218.2	207.5	196.9	186.2	170.3	151.6	127.7	95.8	69.2
-80°	191.6	183.6	178.2	167.6	159.6	149.0	133.0	117.1	93.1	74.5	55.9
-82.5°	146.3	141.0	135.7	130.4	122.4	111.7	95.8	82.5	69.2	55.9	42.6
-85°	103.8	101.1	95.8	90.5	82.5	74.5	63.9	55.9	47.9	37.2	29.3
-87.5°	53.2	50.5	47.9	45.2	42.6	37.2	31.9	26.6	23.9	18.6	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.6	8.0	2.7	0.0
85°	21.3	13.3	5.3	0.0
82.5°	31.9	21.3	8.0	0.0
80°	42.6	26.6	13.3	0.0
77.5°	53.2	31.9	16.0	0.0
75°	63.9	39.9	18.6	0.0
72.5°	71.8	45.2	21.3	0.0
70°	85.1	53.2	23.9	0.0
67.5°	106.4	58.5	26.6	0.0
65°	125.0	63.9	29.3	0.0
62.5°	146.3	69.2	31.9	0.0
60°	164.9	74.5	34.6	0.0
57.5°	183.6	87.8	37.2	0.0
55°	199.5	98.4	39.9	0.0
52.5°	218.2	109.1	42.6	0.0
50°	234.1	119.7	45.2	0.0
47.5°	247.4	130.4	45.2	0.0
45°	258.1	138.3	47.9	0.0
42.5°	266.0	146.3	50.5	0.0
40°	274.0	154.3	53.2	0.0
37.5°	282.0	162.3	53.2	0.0
35°	290.0	170.3	55.9	0.0
32.5°	298.0	178.2	55.9	0.0
30°	303.3	183.6	58.5	0.0
27.5°	311.3	188.9	58.5	0.0
25°	313.9	194.2	61.2	0.0
22.5°	319.3	196.9	61.2	0.0
20°	324.6	202.2	61.2	0.0
17.5°	327.2	204.9	63.9	0.0
15°	327.2	207.5	66.5	0.0
12.5°	329.9	210.2	66.5	0.0
10°	329.9	215.5	63.9	0.0
7.5°	335.2	212.8	63.9	0.0
5°	332.6	212.8	63.9	0.0
2.5°	329.9	210.2	63.9	0.0
0°	327.2	210.2	63.9	0.0
-2.5°	327.2	210.2	63.9	0.0
-5°	327.2	210.2	63.9	0.0
-7.5°	324.6	212.8	63.9	0.0
-10°	319.3	212.8	63.9	0.0
-12.5°	316.6	204.9	63.9	0.0
-15°	313.9	202.2	63.9	0.0
-17.5°	308.6	199.5	61.2	0.0
-20°	303.3	196.9	61.2	0.0



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 CATALOG NUMBER: IFLD-S-SA3E-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	298.0	191.6	61.2	0.0
-25°	292.6	186.2	58.5	0.0
-27.5°	287.3	180.9	58.5	0.0
-30°	279.3	175.6	55.9	0.0
-32.5°	271.4	170.3	55.9	0.0
-35°	266.0	162.3	53.2	0.0
-37.5°	258.1	154.3	53.2	0.0
-40°	250.1	146.3	50.5	0.0
-42.5°	242.1	138.3	47.9	0.0
-45°	231.5	130.4	47.9	0.0
-47.5°	223.5	122.4	45.2	0.0
-50°	210.2	111.7	42.6	0.0
-52.5°	194.2	101.1	39.9	0.0
-55°	178.2	93.1	37.2	0.0
-57.5°	162.3	82.5	37.2	0.0
-60°	146.3	71.8	34.6	0.0
-62.5°	130.4	66.5	31.9	0.0
-65°	114.4	61.2	29.3	0.0
-67.5°	95.8	53.2	26.6	0.0
-70°	79.8	47.9	23.9	0.0
-72.5°	69.2	42.6	21.3	0.0
-75°	58.5	37.2	18.6	0.0
-77.5°	50.5	31.9	16.0	0.0
-80°	39.9	23.9	10.6	0.0
-82.5°	29.3	18.6	8.0	0.0
-85°	18.6	13.3	5.3	0.0
-87.5°	10.6	5.3	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)