

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: P722171

Luminaire Tested: **IFLD-S-SA3E-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722171  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-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**

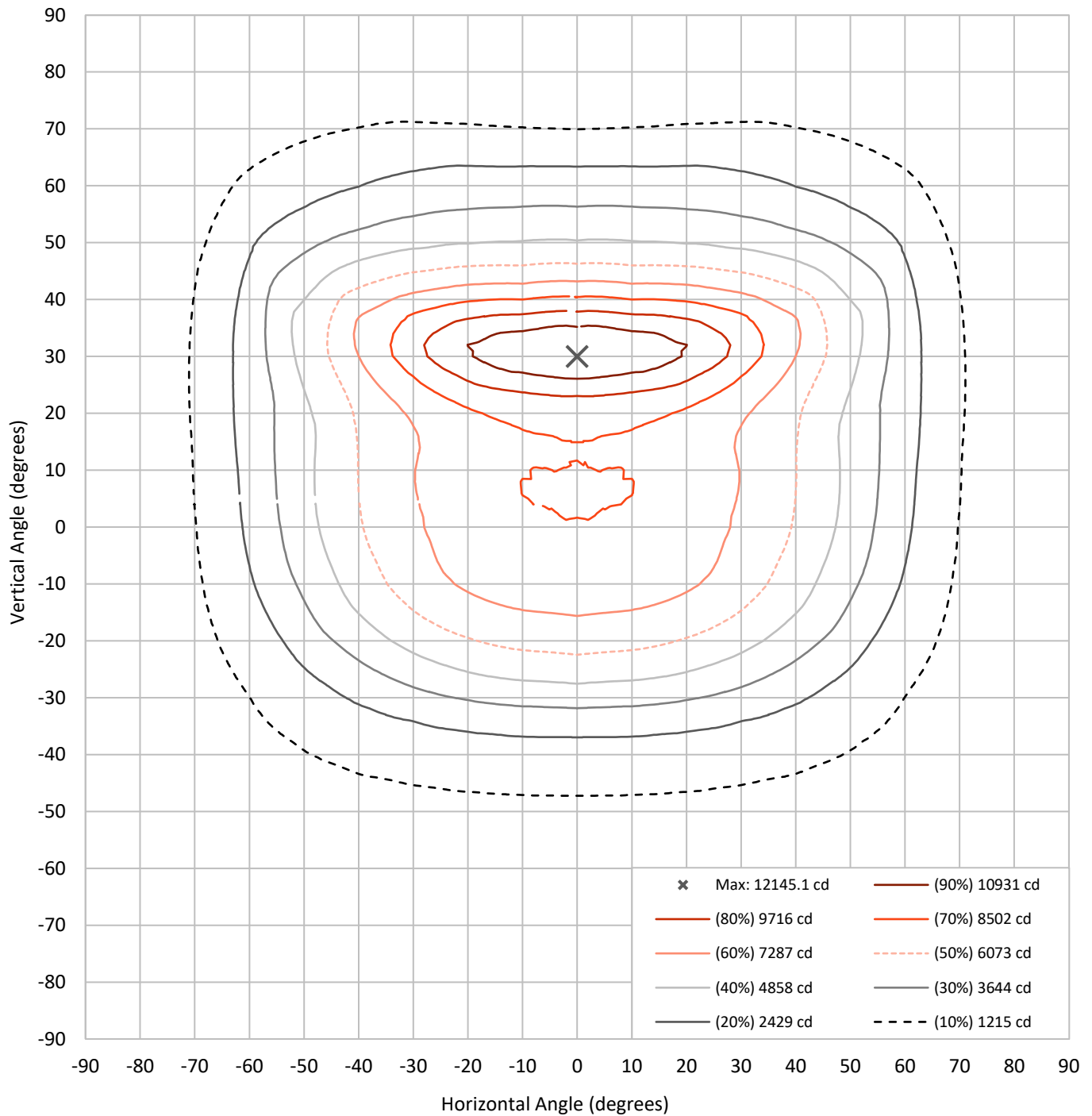
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20273.2 lumens	Max Intensity:	12145.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11789.1 lumens	Field Lumens:	18998.7 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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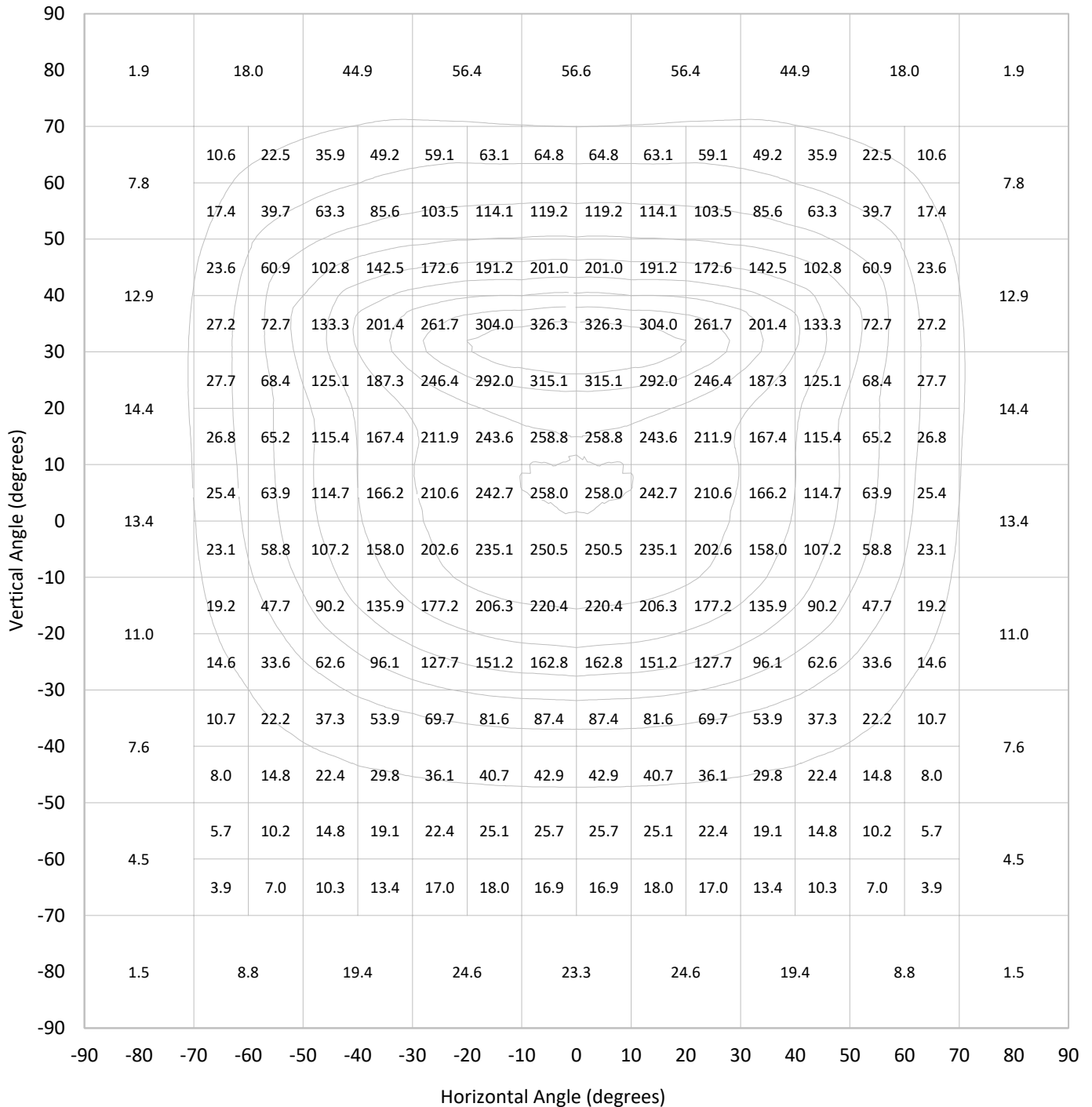
### Iso-Candela Plot





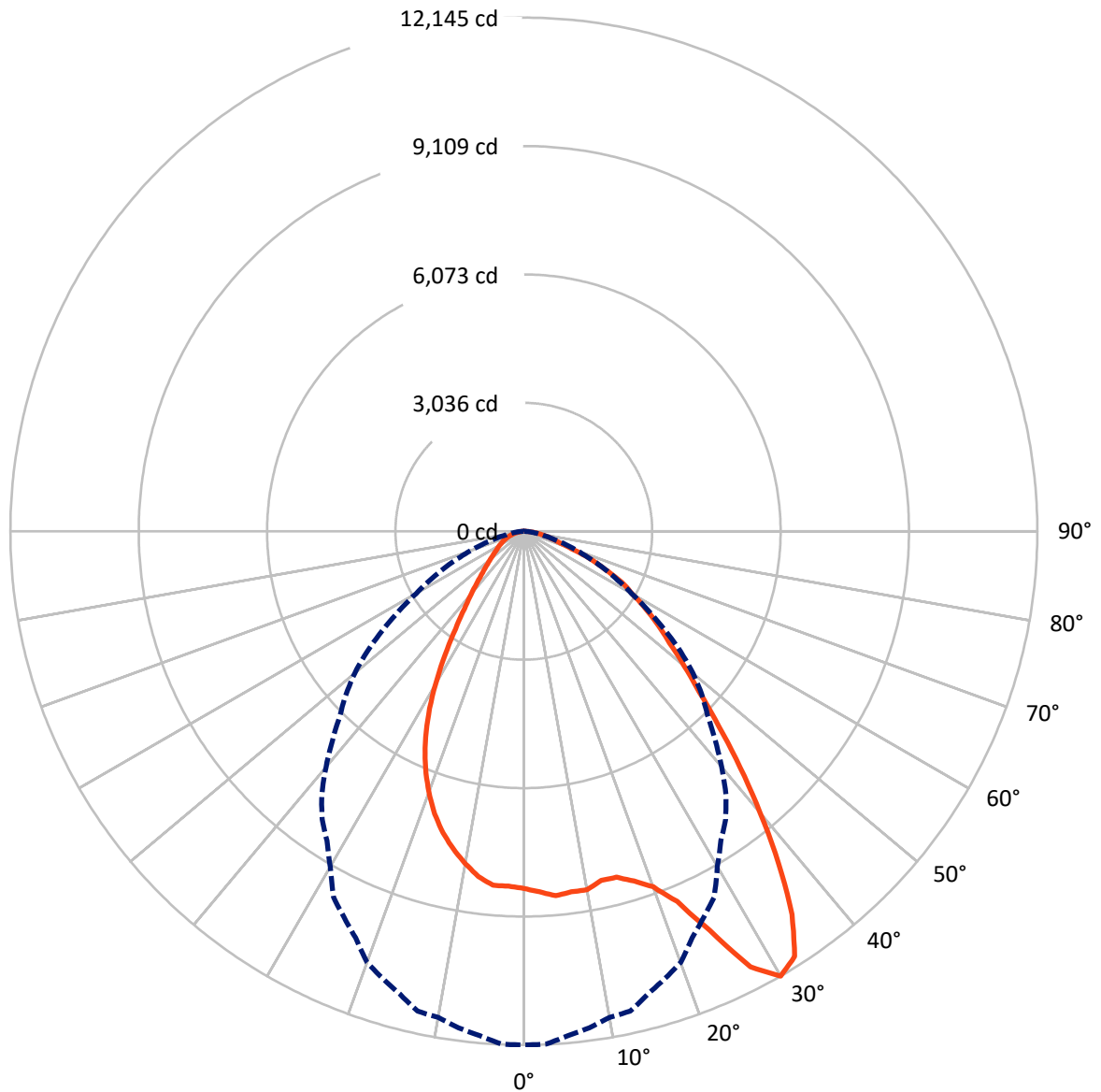
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### Lumen Table



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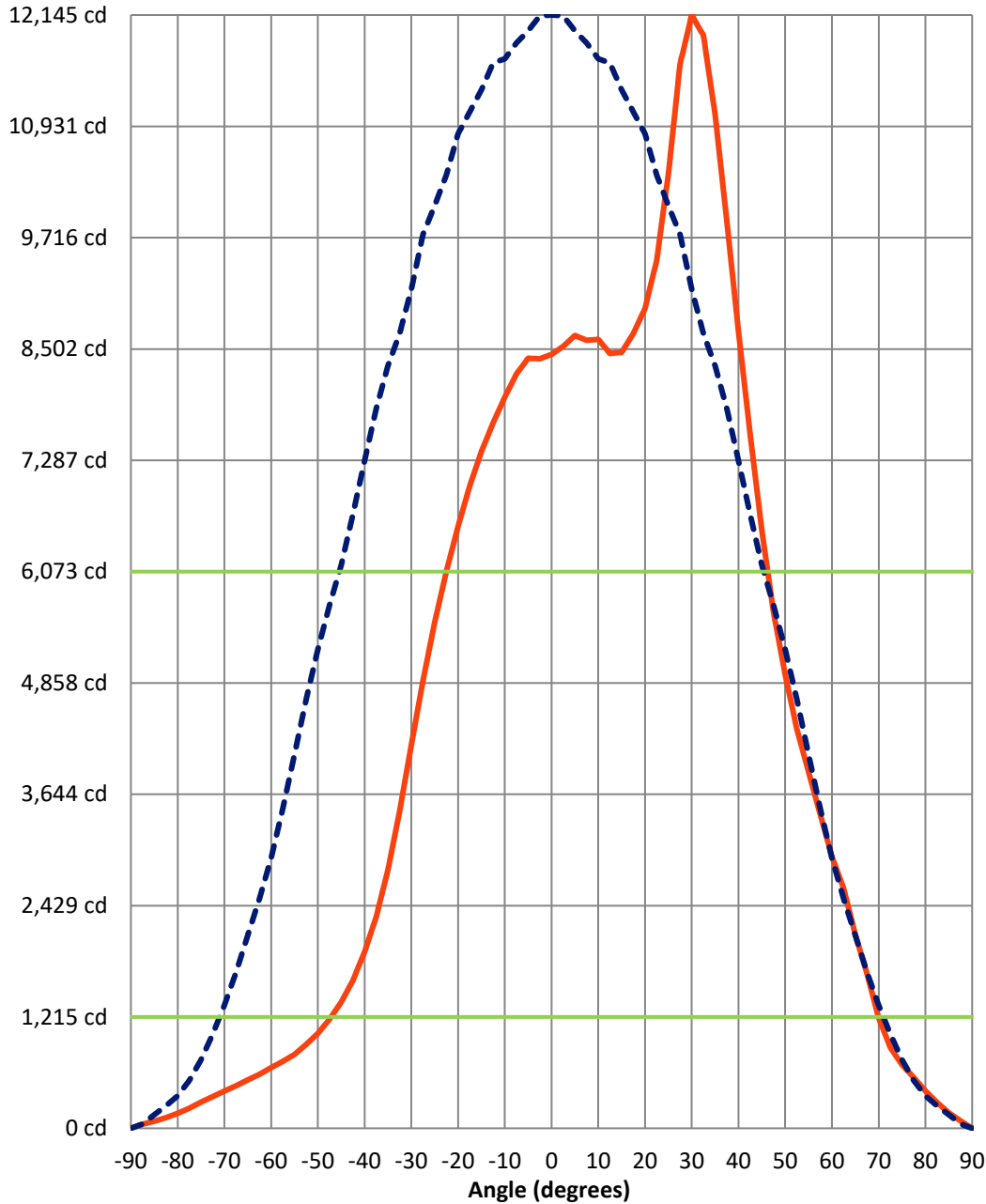
### Luminous Intensity Polar Plot



— 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: 11789.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 18998.7  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1274.6  
 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°	81.6	83.8	85.9	85.9	83.8	83.8	83.8	81.6	83.8	83.8	83.8
85°	169.7	174.0	178.3	176.1	174.0	169.7	165.4	167.5	169.7	171.8	171.8
82.5°	281.3	287.8	292.1	289.9	285.6	281.3	277.1	279.2	283.5	285.6	285.6
80°	408.1	410.2	412.4	416.6	410.2	410.2	408.1	416.6	420.9	425.2	429.5
77.5°	554.1	556.2	556.2	558.4	560.5	562.7	562.7	577.7	588.5	594.9	601.3
75°	691.6	698.0	704.4	710.9	719.5	723.8	730.2	751.7	768.9	781.8	794.6
72.5°	880.5	889.1	899.9	914.9	929.9	940.7	955.7	981.5	1000.8	1013.7	1028.7
70°	1204.8	1213.4	1224.2	1234.9	1249.9	1260.7	1275.7	1307.9	1327.3	1335.9	1344.4
67.5°	1685.9	1707.4	1726.7	1705.3	1694.5	1679.5	1683.8	1713.8	1733.2	1746.1	1743.9
65°	2113.3	2128.3	2128.3	2126.2	2117.6	2098.3	2109.0	2145.5	2167.0	2177.7	2145.5
62.5°	2615.9	2615.9	2605.1	2622.3	2624.5	2611.6	2605.1	2607.3	2609.4	2615.9	2562.2
60°	2963.8	2985.3	2991.7	3006.7	3011.0	3011.0	3021.8	3030.4	3030.4	3017.5	2955.2
57.5°	3423.4	3464.2	3472.8	3462.1	3440.6	3412.7	3408.4	3395.5	3369.7	3343.9	3313.9
55°	3887.3	3908.8	3906.6	3900.2	3878.7	3846.5	3850.8	3833.6	3792.8	3760.6	3719.8
52.5°	4353.3	4404.9	4413.5	4400.6	4370.5	4336.2	4338.3	4319.0	4278.2	4243.8	4188.0
50°	4948.2	4991.2	4986.9	4965.4	4922.5	4896.7	4898.9	4862.3	4815.1	4804.4	4731.3
47.5°	5629.1	5678.5	5669.9	5639.8	5581.8	5571.1	5581.8	5534.6	5506.6	5483.0	5397.1
45°	6522.5	6580.5	6548.3	6490.3	6397.9	6408.7	6423.7	6415.1	6355.0	6292.7	6183.2
42.5°	7570.6	7607.1	7568.4	7510.4	7394.5	7415.9	7407.3	7355.8	7319.3	7216.2	7076.6
40°	8691.7	8771.1	8711.0	8620.8	8500.5	8532.7	8509.1	8442.5	8356.6	8227.8	8051.6
37.5°	9900.8	9963.1	9894.3	9789.1	9681.7	9671.0	9623.7	9520.7	9398.2	9256.5	8975.1
35°	11058.4	11219.5	11092.8	10925.2	10794.2	10744.8	10699.7	10461.3	10321.7	10091.9	9707.5
32.5°	11919.6	12037.7	11881.0	11707.0	11548.1	11479.3	11320.4	11036.9	10961.7	10478.5	10126.3
30°	12145.1	12136.5	11973.3	11840.1	11668.3	11621.1	11329.0	11088.5	10847.9	10401.2	10066.2
27.5°	11608.2	11554.5	11397.7	11281.7	11112.1	11056.2	10768.5	10639.6	10268.0	9890.1	9606.6
25°	10411.9	10439.9	10321.7	10263.8	10152.1	10031.8	9918.0	9744.0	9512.1	9181.3	8921.5
22.5°	9469.1	9505.6	9456.2	9387.5	9301.6	9235.0	9149.1	9013.8	8790.4	8586.4	8341.6
20°	8945.1	8934.3	8891.4	8839.8	8758.2	8711.0	8616.5	8502.7	8330.8	8154.7	7890.6
17.5°	8670.2	8603.6	8562.8	8543.5	8500.5	8440.4	8328.7	8212.7	8079.6	7879.8	7686.5
15°	8466.1	8476.9	8444.7	8429.6	8395.3	8311.5	8197.7	8103.2	7922.8	7821.8	7645.7
12.5°	8453.3	8442.5	8444.7	8438.2	8395.3	8287.9	8229.9	8109.6	7993.7	7860.5	7658.6
10°	8605.7	8491.9	8500.5	8530.6	8461.8	8375.9	8313.7	8182.7	8073.1	7903.5	7703.7
7.5°	8597.2	8539.2	8556.3	8507.0	8528.4	8423.2	8337.3	8206.3	8068.8	7888.4	7708.0
5°	8648.7	8560.6	8545.6	8549.9	8496.2	8416.7	8300.8	8176.2	8047.3	7845.5	7660.8
2.5°	8530.6	8543.5	8474.7	8449.0	8442.5	8309.4	8202.0	8081.7	7948.6	7770.3	7604.9
0°	8442.5	8466.1	8395.3	8358.8	8356.6	8242.8	8174.1	8036.6	7942.1	7793.9	7594.2
-2.5°	8395.3	8423.2	8431.8	8365.2	8300.8	8212.7	8096.7	7948.6	7793.9	7622.1	7450.3
-5°	8399.6	8343.7	8320.1	8341.6	8285.7	8197.7	8068.8	7937.8	7785.3	7600.6	7385.9
-7.5°	8229.9	8174.1	8169.8	8159.0	8146.1	8062.4	7955.0	7813.3	7658.6	7486.8	7287.1
-10°	7976.5	7935.7	7924.9	7914.2	7879.8	7830.4	7729.5	7600.6	7461.0	7289.2	7076.6
-12.5°	7695.1	7675.8	7635.0	7607.1	7572.7	7514.7	7418.1	7300.0	7160.4	7007.9	6825.3
-15°	7383.7	7347.2	7306.4	7282.8	7233.4	7164.7	7068.0	6958.5	6806.0	6655.7	6483.8
-17.5°	7007.9	6962.8	6917.7	6911.2	6876.9	6771.6	6681.4	6548.3	6415.1	6271.2	6103.7
-20°	6565.4	6503.2	6473.1	6455.9	6408.7	6331.4	6234.7	6112.3	5983.4	5846.0	5652.7



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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°	6075.8	6022.1	5970.5	5938.3	5897.5	5837.4	5745.0	5637.7	5510.9	5356.3	5178.1
-25°	5519.5	5444.4	5412.1	5375.6	5354.2	5298.3	5208.1	5109.3	4978.3	4828.0	4658.3
-27.5°	4883.8	4823.7	4806.5	4755.0	4729.2	4671.2	4596.0	4503.7	4383.4	4241.7	4102.1
-30°	4181.5	4145.0	4117.1	4065.6	4046.2	3983.9	3934.5	3857.2	3747.7	3646.8	3535.1
-32.5°	3459.9	3423.4	3414.8	3391.2	3378.3	3337.5	3281.7	3225.8	3137.8	3062.6	2972.4
-35°	2819.9	2794.1	2796.3	2794.1	2781.2	2751.2	2682.4	2667.4	2603.0	2534.3	2476.3
-37.5°	2308.8	2310.9	2308.8	2306.6	2289.4	2276.5	2227.1	2207.8	2169.2	2102.6	2068.2
-40°	1924.3	1928.6	1926.5	1922.2	1902.8	1896.4	1864.2	1838.4	1823.4	1776.1	1739.6
-42.5°	1612.9	1619.3	1617.2	1615.1	1602.2	1600.0	1582.8	1552.8	1544.2	1516.3	1477.6
-45°	1376.7	1374.5	1370.2	1374.5	1368.1	1361.6	1350.9	1331.6	1320.8	1307.9	1275.7
-47.5°	1189.8	1192.0	1187.7	1187.7	1179.1	1172.6	1168.3	1155.5	1146.9	1136.1	1116.8
-50°	1035.2	1043.8	1041.6	1039.5	1033.0	1028.7	1028.7	1015.9	1003.0	998.7	985.8
-52.5°	914.9	921.4	923.5	927.8	929.9	932.1	925.6	912.8	891.3	889.1	882.7
-55°	805.4	824.7	837.6	846.2	854.8	861.2	848.3	831.2	809.7	801.1	798.9
-57.5°	730.2	749.5	764.6	777.5	788.2	798.9	786.0	768.9	749.5	738.8	736.7
-60°	661.5	678.7	693.7	710.9	725.9	743.1	736.7	723.8	713.0	704.4	695.8
-62.5°	588.5	605.6	622.8	644.3	663.6	680.8	683.0	680.8	678.7	680.8	665.8
-65°	528.3	536.9	547.7	571.3	592.8	612.1	622.8	629.3	640.0	650.7	635.7
-67.5°	463.9	474.6	487.5	504.7	521.9	534.8	549.8	567.0	584.2	601.3	590.6
-70°	405.9	414.5	425.2	433.8	444.6	453.2	466.0	485.4	504.7	521.9	517.6
-72.5°	345.8	354.4	360.8	365.1	371.5	375.8	382.3	399.5	412.4	420.9	420.9
-75°	285.6	294.2	300.7	302.8	307.1	309.3	313.6	320.0	326.4	328.6	330.7
-77.5°	219.1	227.7	234.1	238.4	242.7	247.0	249.1	253.4	255.6	255.6	257.7
-80°	163.2	169.7	174.0	180.4	182.6	186.8	191.1	193.3	195.4	195.4	197.6
-82.5°	116.0	120.3	124.6	128.9	133.2	135.3	139.6	141.7	143.9	146.0	148.2
-85°	77.3	81.6	85.9	90.2	92.4	94.5	96.6	98.8	100.9	103.1	105.2
-87.5°	45.1	47.2	49.4	53.7	55.8	60.1	62.3	60.1	62.3	62.3	62.3
-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):**

	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°	83.8	83.8	83.8	83.8	81.6	77.3	75.2	70.9	66.6	62.3	58.0
85°	174.0	176.1	176.1	176.1	171.8	169.7	163.2	156.8	148.2	135.3	124.6
82.5°	289.9	292.1	292.1	289.9	285.6	279.2	270.6	259.9	242.7	225.5	210.5
80°	436.0	438.1	438.1	436.0	425.2	414.5	403.8	390.9	369.4	345.8	320.0
77.5°	609.9	614.2	614.2	607.8	592.8	579.9	562.7	541.2	509.0	474.6	440.3
75°	811.8	822.6	824.7	818.3	798.9	775.3	747.4	710.9	661.5	618.5	577.7
72.5°	1045.9	1056.7	1065.2	1056.7	1028.7	996.5	955.7	912.8	863.4	805.4	736.7
70°	1353.0	1363.8	1370.2	1342.3	1292.9	1239.2	1189.8	1140.4	1082.4	1011.6	936.4
67.5°	1739.6	1728.9	1716.0	1660.2	1597.9	1533.4	1464.7	1391.7	1316.5	1241.4	1153.3
65°	2111.2	2081.1	2053.2	1986.6	1907.1	1823.4	1743.9	1662.3	1572.1	1477.6	1393.8
62.5°	2502.0	2437.6	2368.9	2287.3	2205.7	2113.3	2033.9	1937.2	1836.3	1720.3	1612.9
60°	2886.5	2809.2	2740.4	2639.5	2532.1	2407.5	2321.6	2227.1	2109.0	1984.5	1857.7
57.5°	3258.0	3174.3	3099.1	3011.0	2895.1	2759.8	2665.3	2542.9	2418.3	2261.5	2132.6
55°	3653.2	3569.4	3509.3	3410.5	3283.8	3159.2	3056.1	2927.3	2753.3	2585.8	2426.9
52.5°	4106.4	4039.8	3975.4	3874.4	3721.9	3595.2	3481.4	3337.5	3154.9	2948.8	2757.6
50°	4613.2	4578.8	4510.1	4392.0	4218.0	4106.4	3956.0	3764.9	3569.4	3352.5	3114.1
47.5°	5285.4	5229.6	5132.9	5004.1	4858.0	4690.5	4488.6	4265.3	3988.2	3747.7	3494.3
45°	6088.7	5985.6	5861.0	5687.0	5506.6	5317.6	5096.4	4812.9	4441.4	4127.8	3861.5
42.5°	6958.5	6818.9	6649.2	6421.6	6187.5	5955.5	5717.1	5330.5	4866.6	4505.8	4205.2
40°	7866.9	7688.7	7476.1	7145.3	6885.5	6586.9	6314.2	5736.4	5242.5	4851.6	4531.6
37.5°	8756.1	8530.6	8174.1	7772.4	7469.6	7224.8	6625.6	6007.1	5564.6	5135.1	4810.8
35°	9436.9	9245.8	8616.5	8199.8	7940.0	7553.4	6803.8	6170.3	5702.1	5345.6	4840.9
32.5°	9840.7	9346.7	8794.7	8373.8	8159.0	7525.5	6816.7	6217.5	5766.5	5367.0	4763.5
30°	9750.5	9153.4	8670.2	8318.0	7851.9	7282.8	6696.5	6144.5	5706.4	5223.2	4677.6
27.5°	9207.1	8745.3	8313.7	7946.4	7489.0	6977.8	6436.6	5951.2	5543.2	5075.0	4559.5
25°	8592.9	8174.1	7854.1	7534.1	7100.2	6612.7	6135.9	5785.8	5375.6	4913.9	4404.9
22.5°	8028.0	7727.3	7476.1	7141.0	6717.9	6292.7	5996.3	5633.4	5212.4	4744.2	4246.0
20°	7667.2	7463.2	7175.4	6806.0	6473.1	6206.8	5878.2	5493.8	5059.9	4570.3	4110.7
17.5°	7493.2	7257.0	6937.0	6696.5	6440.9	6148.8	5781.5	5373.5	4911.7	4490.8	4125.7
15°	7403.0	7153.9	6943.4	6707.2	6419.4	6112.3	5704.2	5281.1	4911.7	4523.0	4136.4
12.5°	7422.4	7207.6	6977.8	6720.1	6410.8	6082.2	5712.8	5319.8	4937.5	4546.6	4138.6
10°	7482.5	7257.0	7012.2	6726.5	6415.1	6090.8	5736.4	5343.4	4950.4	4557.4	4134.3
7.5°	7504.0	7259.1	6997.1	6709.3	6404.4	6086.5	5740.7	5349.9	4952.5	4555.2	4121.4
5°	7437.4	7216.2	6962.8	6672.8	6374.3	6065.0	5723.6	5341.3	4935.4	4533.7	4089.2
2.5°	7347.2	7168.9	6926.3	6647.1	6344.2	6035.0	5695.6	5302.6	4896.7	4495.1	4048.4
0°	7332.2	7111.0	6866.1	6617.0	6294.8	5968.4	5631.2	5229.6	4825.8	4422.1	3977.5
-2.5°	7233.4	6999.3	6754.4	6483.8	6200.3	5871.7	5517.4	5124.4	4724.9	4327.6	3900.2
-5°	7158.2	6898.3	6638.5	6346.4	6060.7	5732.2	5364.9	4982.6	4591.7	4205.2	3792.8
-7.5°	7057.3	6791.0	6518.2	6213.2	5904.0	5568.9	5206.0	4823.7	4439.2	4054.8	3659.6
-10°	6853.2	6619.1	6363.6	6047.9	5721.4	5386.4	5025.6	4649.7	4265.3	3876.6	3479.2
-12.5°	6606.3	6359.3	6080.1	5790.1	5498.1	5186.6	4825.8	4456.4	4069.8	3679.0	3283.8
-15°	6286.3	6043.6	5757.9	5474.4	5193.1	4894.6	4576.7	4243.8	3850.8	3466.4	3071.2
-17.5°	5886.8	5659.1	5403.6	5132.9	4853.8	4553.1	4243.8	3962.5	3595.2	3234.4	2843.5
-20°	5457.2	5244.6	5014.8	4759.3	4480.1	4185.8	3893.7	3599.5	3281.7	2963.8	2600.8



REPORT NUMBER: P722171  
 CATALOG NUMBER: IFLD-S-SA3E-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°	5010.5	4795.8	4563.8	4325.4	4067.7	3794.9	3524.3	3243.0	2963.8	2676.0	2368.9
-25°	4495.1	4306.1	4093.5	3861.5	3631.7	3393.3	3135.6	2880.0	2641.6	2392.5	2141.2
-27.5°	3956.0	3782.1	3588.8	3386.9	3189.3	2989.6	2766.2	2530.0	2332.4	2126.2	1917.9
-30°	3389.0	3249.4	3092.7	2916.5	2764.1	2603.0	2416.1	2220.7	2040.3	1883.5	1716.0
-32.5°	2852.1	2734.0	2622.3	2506.3	2356.0	2231.4	2102.6	1958.7	1799.8	1651.6	1531.3
-35°	2390.4	2263.7	2216.4	2130.5	2023.1	1913.6	1819.1	1716.0	1595.7	1464.7	1365.9
-37.5°	2001.6	1926.5	1859.9	1812.6	1741.8	1653.7	1578.5	1503.4	1411.0	1312.2	1213.4
-40°	1698.8	1647.3	1574.2	1550.6	1505.5	1445.4	1368.1	1310.1	1247.8	1172.6	1088.9
-42.5°	1456.1	1417.5	1370.2	1329.4	1310.1	1267.1	1207.0	1151.2	1101.8	1050.2	985.8
-45°	1256.4	1230.6	1200.6	1164.0	1149.0	1114.6	1071.7	1009.4	981.5	938.5	891.3
-47.5°	1095.3	1082.4	1061.0	1037.3	1015.9	990.1	951.4	912.8	874.1	846.2	809.7
-50°	968.6	960.0	947.1	927.8	899.9	882.7	856.9	822.6	786.0	762.4	736.7
-52.5°	867.7	859.1	850.5	835.4	814.0	796.8	775.3	747.4	717.3	693.7	672.2
-55°	790.3	777.5	771.0	758.1	740.9	721.6	702.3	683.0	657.2	635.7	614.2
-57.5°	730.2	713.0	704.4	693.7	676.5	657.2	642.2	622.8	605.6	582.0	562.7
-60°	683.0	663.6	646.5	635.7	620.7	601.3	586.3	571.3	554.1	534.8	511.1
-62.5°	644.3	620.7	597.1	584.2	569.1	552.0	536.9	521.9	504.7	485.4	463.9
-65°	607.8	579.9	549.8	536.9	521.9	504.7	485.4	474.6	459.6	442.4	420.9
-67.5°	562.7	532.6	506.9	491.8	476.8	461.8	444.6	433.8	418.8	397.3	375.8
-70°	496.1	476.8	459.6	446.7	433.8	420.9	403.8	386.6	369.4	350.1	330.7
-72.5°	412.4	405.9	403.8	397.3	382.3	367.3	350.1	332.9	317.9	302.8	287.8
-75°	332.9	337.2	341.5	339.3	324.3	309.3	294.2	279.2	268.5	255.6	242.7
-77.5°	264.2	268.5	272.8	272.8	262.0	253.4	242.7	231.9	223.4	212.6	199.7
-80°	204.0	210.5	216.9	221.2	212.6	206.2	197.6	189.0	180.4	171.8	163.2
-82.5°	154.6	161.1	167.5	171.8	165.4	161.1	154.6	148.2	141.7	133.2	126.7
-85°	111.7	116.0	120.3	122.4	118.1	113.8	109.5	105.2	100.9	94.5	90.2
-87.5°	64.4	66.6	68.7	70.9	66.6	62.3	60.1	55.8	53.7	49.4	47.2
-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: P722171  
 CATALOG NUMBER: IFLD-S-SA3E-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°	53.7	49.4	45.1	43.0	38.7	32.2	27.9	23.6	19.3	15.0	12.9
85°	113.8	103.1	90.2	83.8	75.2	66.6	58.0	49.4	40.8	32.2	23.6
82.5°	195.4	182.6	169.7	154.6	135.3	111.7	88.1	73.0	60.1	47.2	36.5
80°	294.2	270.6	249.1	229.8	208.3	178.3	146.0	116.0	81.6	62.3	47.2
77.5°	408.1	380.1	350.1	317.9	283.5	242.7	206.2	167.5	126.7	85.9	60.1
75°	536.9	500.4	459.6	414.5	369.4	315.7	264.2	219.1	171.8	120.3	73.0
72.5°	680.8	635.7	586.3	526.2	455.3	393.0	330.7	270.6	214.8	152.5	98.8
70°	865.5	794.6	721.6	657.2	567.0	468.2	395.2	326.4	255.6	186.8	124.6
67.5°	1063.1	977.2	889.1	794.6	680.8	564.8	459.6	382.3	298.5	219.1	148.2
65°	1277.9	1170.5	1058.8	953.6	796.8	659.3	541.2	436.0	339.3	249.1	171.8
62.5°	1499.1	1372.4	1243.5	1106.1	925.6	756.0	618.5	496.1	378.0	277.1	193.3
60°	1735.3	1587.1	1430.4	1258.5	1048.1	861.2	691.6	558.4	418.8	305.0	216.9
57.5°	1984.5	1823.4	1638.7	1406.7	1174.8	962.2	775.3	614.2	455.3	330.7	234.1
55°	2255.1	2070.4	1868.5	1561.4	1299.3	1063.1	859.1	670.1	494.0	352.2	251.3
52.5°	2547.1	2332.4	2076.8	1724.6	1430.4	1166.2	936.4	719.5	530.5	375.8	266.3
50°	2873.6	2603.0	2259.4	1874.9	1544.2	1262.8	1013.7	773.2	560.5	401.6	279.2
47.5°	3212.9	2920.8	2422.6	2014.5	1660.2	1357.3	1093.2	820.4	590.6	423.1	292.1
45°	3567.3	3142.1	2592.2	2139.1	1761.1	1443.2	1153.3	863.4	627.1	442.4	302.8
42.5°	3917.4	3309.6	2740.4	2263.7	1855.6	1520.6	1202.7	904.2	657.2	461.8	313.6
40°	4082.7	3436.3	2858.6	2349.6	1935.1	1589.3	1245.7	940.7	683.0	474.6	324.3
37.5°	4151.5	3513.6	2935.9	2431.2	1997.3	1625.8	1282.2	972.9	704.4	487.5	332.9
35°	4166.5	3541.5	2974.5	2487.0	2048.9	1660.2	1310.1	996.5	721.6	500.4	341.5
32.5°	4138.6	3532.9	2985.3	2506.3	2081.1	1685.9	1329.4	1013.7	734.5	513.3	350.1
30°	4076.3	3487.8	2946.6	2504.2	2104.7	1701.0	1342.3	1026.6	747.4	521.9	354.4
27.5°	3975.4	3408.4	2897.2	2506.3	2117.6	1707.4	1348.7	1033.0	756.0	528.3	363.0
25°	3850.8	3301.0	2899.4	2502.0	2119.8	1709.6	1348.7	1033.0	758.1	530.5	369.4
22.5°	3706.9	3301.0	2899.4	2495.6	2106.9	1705.3	1342.3	1028.7	758.1	534.8	375.8
20°	3715.5	3303.1	2892.9	2482.7	2087.5	1692.4	1327.3	1018.0	751.7	541.2	380.1
17.5°	3721.9	3298.8	2880.0	2465.5	2061.8	1670.9	1307.9	1003.0	751.7	547.7	382.3
15°	3721.9	3285.9	2860.7	2439.8	2029.6	1640.8	1280.0	990.1	753.8	549.8	386.6
12.5°	3715.5	3262.3	2830.6	2405.4	1990.9	1604.3	1262.8	985.8	753.8	552.0	386.6
10°	3702.6	3230.1	2792.0	2362.4	1954.4	1591.4	1254.2	977.2	749.5	552.0	386.6
7.5°	3679.0	3191.4	2759.8	2336.7	1932.9	1576.4	1241.4	964.3	743.1	547.7	390.9
5°	3642.5	3170.0	2734.0	2306.6	1902.8	1565.7	1232.8	953.6	738.8	547.7	386.6
2.5°	3595.2	3144.2	2703.9	2267.9	1868.5	1529.1	1204.8	929.9	723.8	539.1	382.3
0°	3517.9	3092.7	2652.4	2214.3	1821.2	1492.6	1176.9	906.3	708.7	530.5	378.0
-2.5°	3447.0	3023.9	2585.8	2158.4	1776.1	1460.4	1155.5	893.4	702.3	528.3	375.8
-5°	3348.2	2929.4	2497.7	2085.4	1716.0	1428.2	1134.0	878.4	695.8	524.0	375.8
-7.5°	3238.7	2830.6	2405.4	2010.2	1655.9	1372.4	1093.2	854.8	680.8	515.4	373.7
-10°	3069.0	2682.4	2289.4	1924.3	1591.4	1323.0	1058.8	833.3	667.9	506.9	365.1
-12.5°	2888.6	2519.2	2156.3	1819.1	1518.4	1271.4	1020.1	809.7	652.9	498.3	360.8
-15°	2697.5	2351.7	2016.7	1709.6	1438.9	1209.1	979.3	783.9	637.9	487.5	354.4
-17.5°	2497.7	2175.6	1872.8	1597.9	1359.5	1144.7	936.4	760.3	620.7	476.8	347.9
-20°	2287.3	1995.2	1726.7	1484.0	1275.7	1080.3	891.3	732.4	601.3	463.9	339.3



REPORT NUMBER: P722171

CATALOG NUMBER: IFLD-S-SA3E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2079.0	1816.9	1576.4	1372.4	1189.8	1013.7	846.2	704.4	579.9	448.9	332.9
-25°	1894.3	1649.4	1443.2	1265.0	1106.1	949.3	798.9	676.5	556.2	433.8	324.3
-27.5°	1713.8	1505.5	1312.2	1164.0	1024.4	887.0	753.8	646.5	532.6	416.6	315.7
-30°	1546.3	1368.1	1209.1	1065.2	947.1	831.2	715.2	616.4	506.9	399.5	305.0
-32.5°	1393.8	1249.9	1116.8	979.3	874.1	775.3	678.7	586.3	481.1	382.3	294.2
-35°	1252.1	1140.4	1024.4	908.5	801.1	723.8	640.0	554.1	457.5	363.0	283.5
-37.5°	1125.4	1035.2	942.8	844.0	751.7	674.4	603.5	521.9	433.8	345.8	272.8
-40°	1015.9	942.8	861.2	781.8	704.4	631.4	567.0	489.7	410.2	332.9	262.0
-42.5°	914.9	859.1	792.5	725.9	657.2	592.8	530.5	455.3	386.6	317.9	251.3
-45°	837.6	781.8	728.1	667.9	609.9	554.1	491.8	425.2	365.1	300.7	240.5
-47.5°	764.6	715.2	665.8	616.4	569.1	517.6	455.3	399.5	341.5	285.6	231.9
-50°	700.1	652.9	609.9	567.0	526.2	476.8	418.8	373.7	322.2	270.6	221.2
-52.5°	640.0	599.2	556.2	521.9	487.5	438.1	390.9	347.9	302.8	253.4	210.5
-55°	586.3	547.7	509.0	476.8	444.6	401.6	363.0	326.4	283.5	240.5	199.7
-57.5°	534.8	502.6	466.0	436.0	403.8	369.4	337.2	302.8	264.2	227.7	189.0
-60°	487.5	457.5	425.2	395.2	367.3	339.3	309.3	281.3	247.0	212.6	178.3
-62.5°	440.3	414.5	386.6	356.5	335.0	309.3	285.6	257.7	229.8	199.7	158.9
-65°	397.3	373.7	347.9	322.2	302.8	283.5	262.0	236.2	212.6	184.7	141.7
-67.5°	354.4	332.9	311.4	289.9	272.8	257.7	236.2	216.9	197.6	167.5	124.6
-70°	313.6	296.4	277.1	259.9	247.0	229.8	214.8	197.6	180.4	146.0	105.2
-72.5°	274.9	257.7	242.7	229.8	219.1	204.0	191.1	178.3	154.6	122.4	88.1
-75°	229.8	219.1	210.5	199.7	189.0	178.3	167.5	152.5	128.9	98.8	68.7
-77.5°	189.0	182.6	176.1	167.5	158.9	150.3	137.5	122.4	103.1	77.3	55.8
-80°	154.6	148.2	143.9	135.3	128.9	120.3	107.4	94.5	75.2	60.1	45.1
-82.5°	118.1	113.8	109.5	105.2	98.8	90.2	77.3	66.6	55.8	45.1	34.4
-85°	83.8	81.6	77.3	73.0	66.6	60.1	51.5	45.1	38.7	30.1	23.6
-87.5°	43.0	40.8	38.7	36.5	34.4	30.1	25.8	21.5	19.3	15.0	10.7
-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: P722171  
 CATALOG NUMBER: IFLD-S-SA3E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.6	6.4	2.1	0.0
85°	17.2	10.7	4.3	0.0
82.5°	25.8	17.2	6.4	0.0
80°	34.4	21.5	10.7	0.0
77.5°	43.0	25.8	12.9	0.0
75°	51.5	32.2	15.0	0.0
72.5°	58.0	36.5	17.2	0.0
70°	68.7	43.0	19.3	0.0
67.5°	85.9	47.2	21.5	0.0
65°	100.9	51.5	23.6	0.0
62.5°	118.1	55.8	25.8	0.0
60°	133.2	60.1	27.9	0.0
57.5°	148.2	70.9	30.1	0.0
55°	161.1	79.5	32.2	0.0
52.5°	176.1	88.1	34.4	0.0
50°	189.0	96.6	36.5	0.0
47.5°	199.7	105.2	36.5	0.0
45°	208.3	111.7	38.7	0.0
42.5°	214.8	118.1	40.8	0.0
40°	221.2	124.6	43.0	0.0
37.5°	227.7	131.0	43.0	0.0
35°	234.1	137.5	45.1	0.0
32.5°	240.5	143.9	45.1	0.0
30°	244.8	148.2	47.2	0.0
27.5°	251.3	152.5	47.2	0.0
25°	253.4	156.8	49.4	0.0
22.5°	257.7	158.9	49.4	0.0
20°	262.0	163.2	49.4	0.0
17.5°	264.2	165.4	51.5	0.0
15°	264.2	167.5	53.7	0.0
12.5°	266.3	169.7	53.7	0.0
10°	266.3	174.0	51.5	0.0
7.5°	270.6	171.8	51.5	0.0
5°	268.5	171.8	51.5	0.0
2.5°	266.3	169.7	51.5	0.0
0°	264.2	169.7	51.5	0.0
-2.5°	264.2	169.7	51.5	0.0
-5°	264.2	169.7	51.5	0.0
-7.5°	262.0	171.8	51.5	0.0
-10°	257.7	171.8	51.5	0.0
-12.5°	255.6	165.4	51.5	0.0
-15°	253.4	163.2	51.5	0.0
-17.5°	249.1	161.1	49.4	0.0
-20°	244.8	158.9	49.4	0.0



REPORT NUMBER: P722171  
 CATALOG NUMBER: IFLD-S-SA3E-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	240.5	154.6	49.4	0.0
-25°	236.2	150.3	47.2	0.0
-27.5°	231.9	146.0	47.2	0.0
-30°	225.5	141.7	45.1	0.0
-32.5°	219.1	137.5	45.1	0.0
-35°	214.8	131.0	43.0	0.0
-37.5°	208.3	124.6	43.0	0.0
-40°	201.9	118.1	40.8	0.0
-42.5°	195.4	111.7	38.7	0.0
-45°	186.8	105.2	38.7	0.0
-47.5°	180.4	98.8	36.5	0.0
-50°	169.7	90.2	34.4	0.0
-52.5°	156.8	81.6	32.2	0.0
-55°	143.9	75.2	30.1	0.0
-57.5°	131.0	66.6	30.1	0.0
-60°	118.1	58.0	27.9	0.0
-62.5°	105.2	53.7	25.8	0.0
-65°	92.4	49.4	23.6	0.0
-67.5°	77.3	43.0	21.5	0.0
-70°	64.4	38.7	19.3	0.0
-72.5°	55.8	34.4	17.2	0.0
-75°	47.2	30.1	15.0	0.0
-77.5°	40.8	25.8	12.9	0.0
-80°	32.2	19.3	8.6	0.0
-82.5°	23.6	15.0	6.4	0.0
-85°	15.0	10.7	4.3	0.0
-87.5°	8.6	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)