

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: P722327

Luminaire Tested: **IFLD-L-SA7A-940-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722327  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-940-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

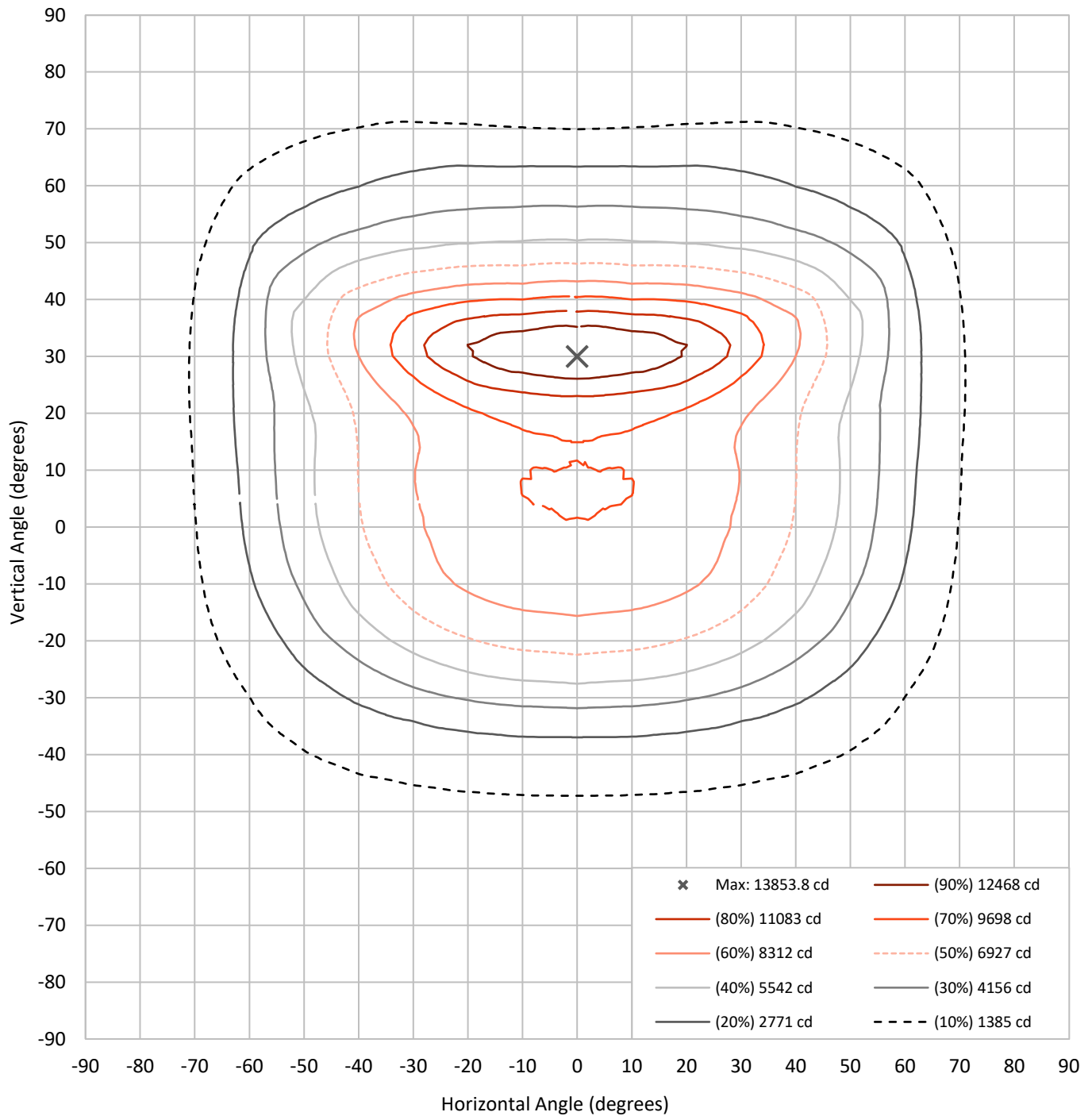
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23125.5 lumens	Max Intensity:	13853.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13447.8 lumens	Field Lumens:	21671.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6  
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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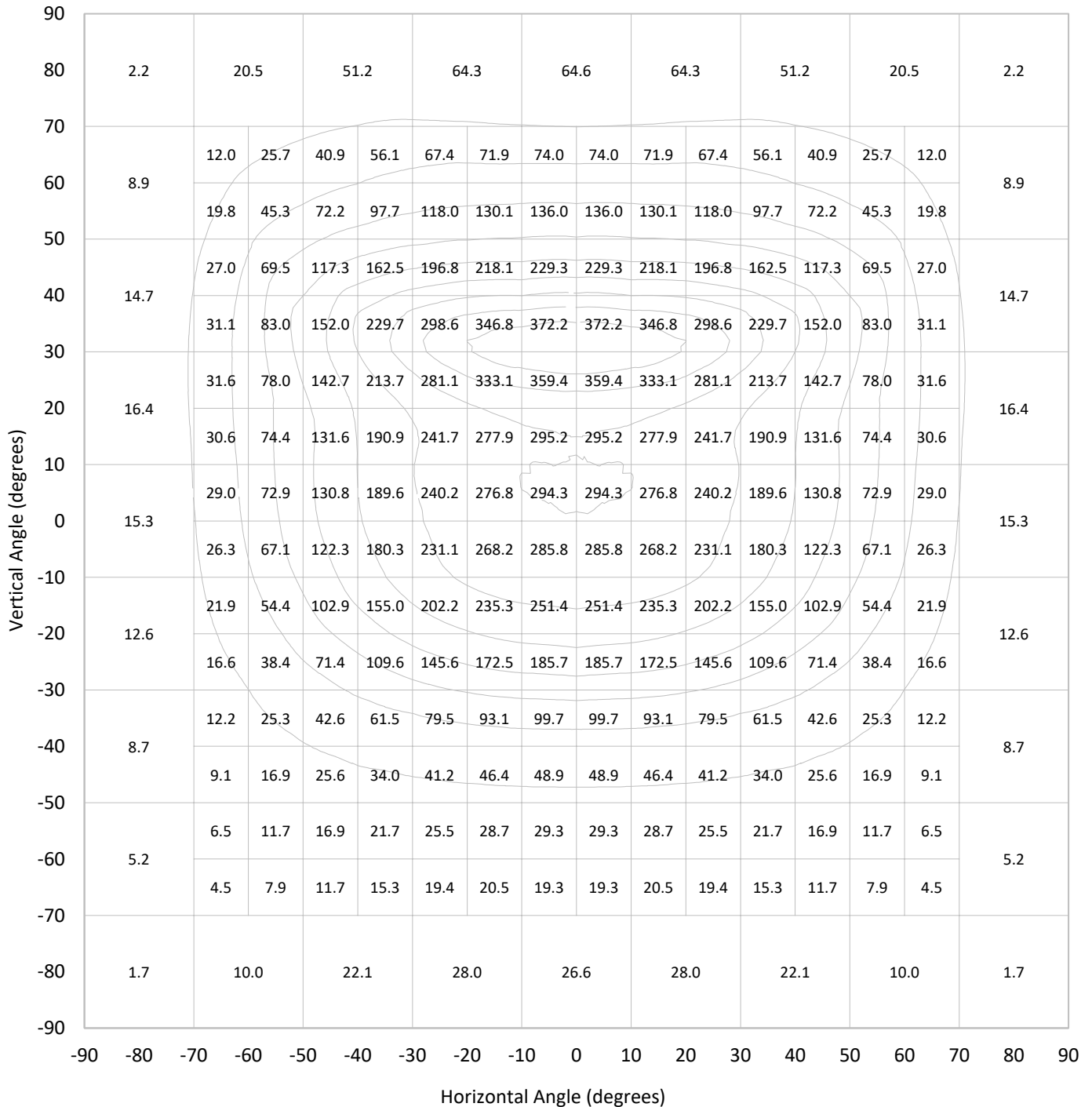
### Iso-Candela Plot





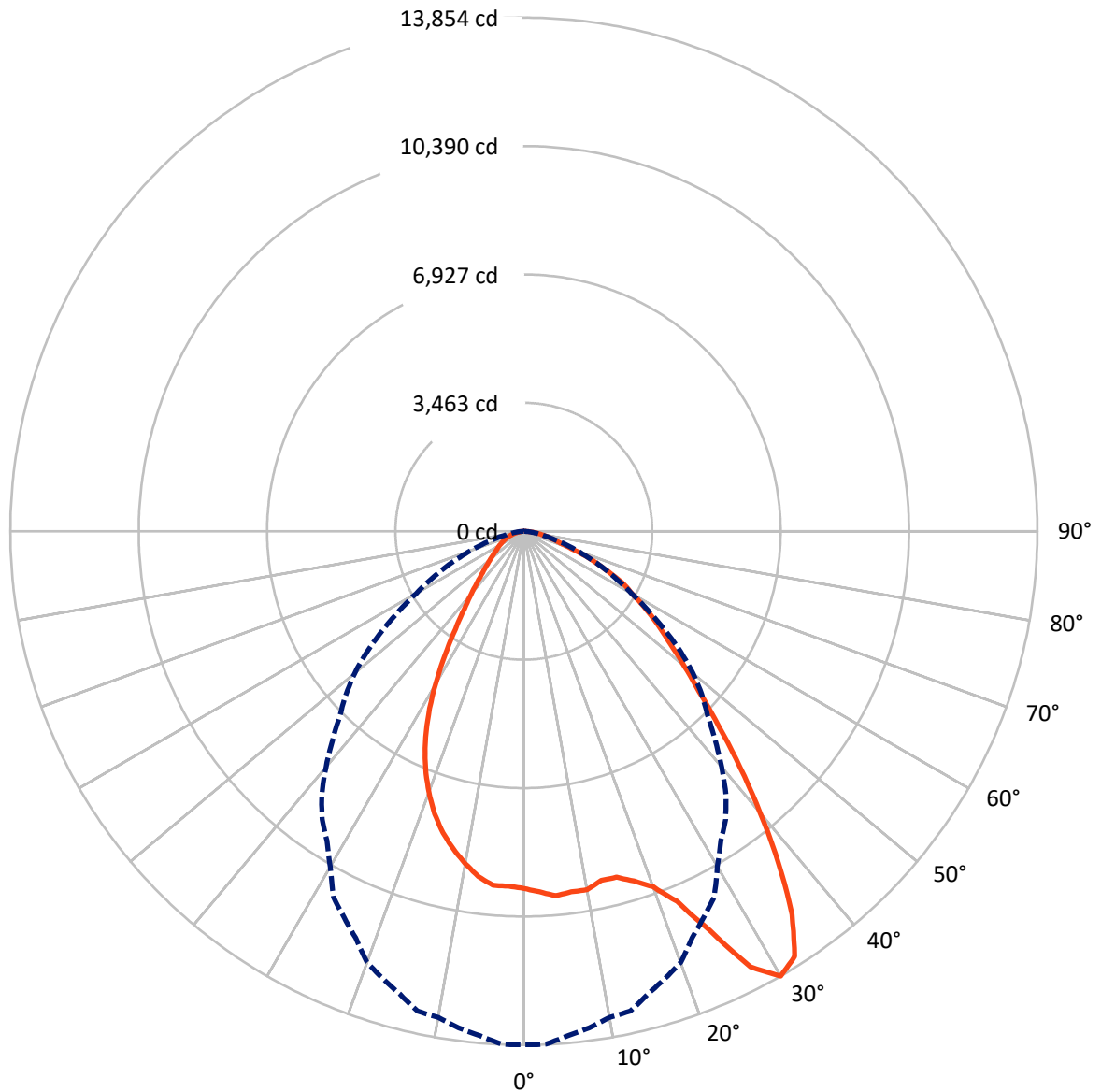
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### Lumen Table



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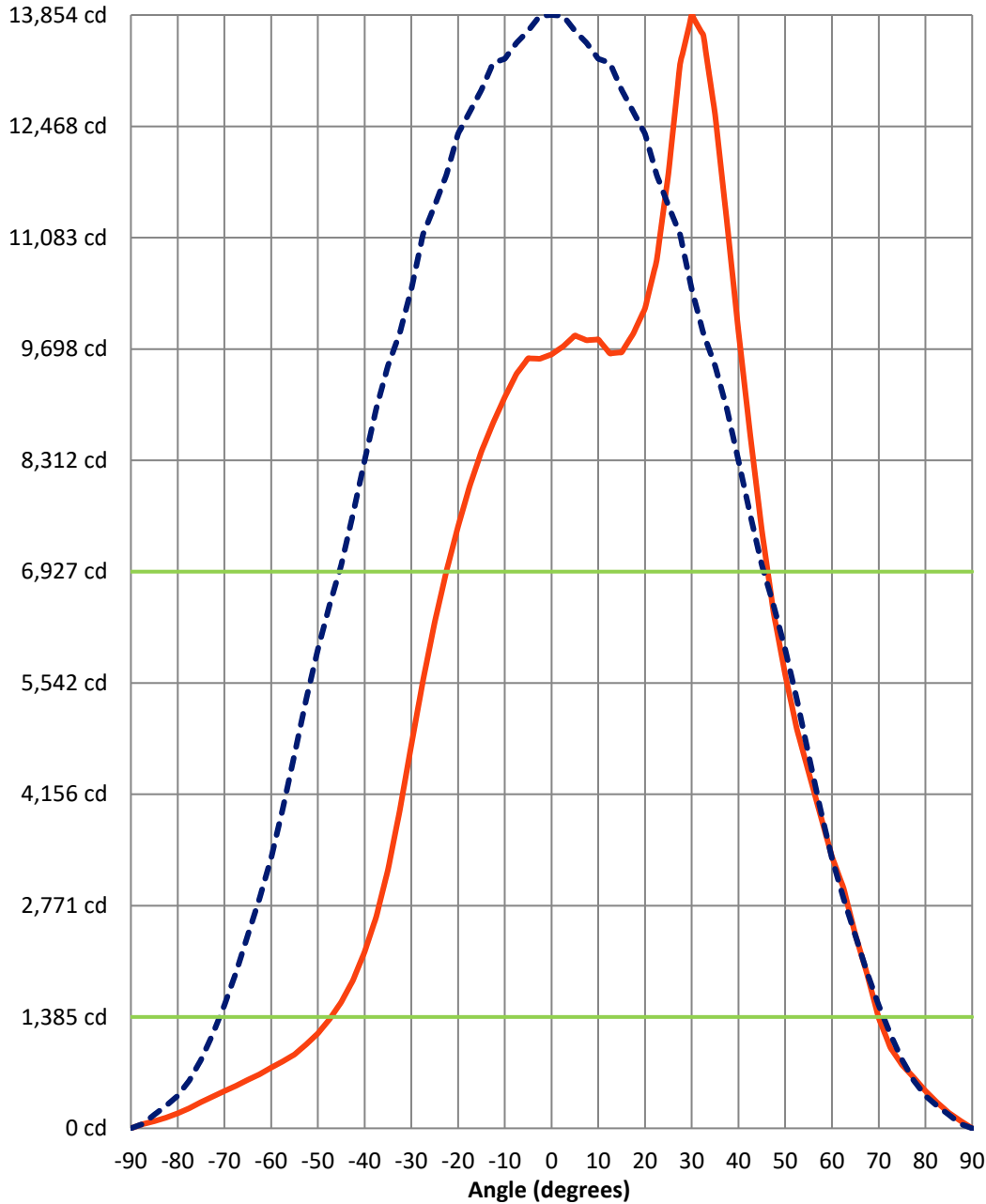
### Luminous Intensity Polar Plot



— 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: 13447.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 21671.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1453.9  
 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°	93.1	95.5	98.0	98.0	95.5	95.5	95.5	93.1	95.5	95.5	95.5
85°	193.5	198.4	203.3	200.9	198.4	193.5	188.6	191.1	193.5	196.0	196.0
82.5°	320.9	328.3	333.2	330.7	325.8	320.9	316.0	318.5	323.4	325.8	325.8
80°	465.5	467.9	470.4	475.3	467.9	467.9	465.5	475.3	480.2	485.1	490.0
77.5°	632.1	634.5	634.5	637.0	639.4	641.9	641.9	659.0	671.3	678.6	686.0
75°	788.8	796.2	803.5	810.9	820.7	825.6	832.9	857.4	877.0	891.7	906.4
72.5°	1004.4	1014.2	1026.5	1043.6	1060.8	1073.0	1090.2	1119.6	1141.6	1156.3	1173.5
70°	1374.4	1384.2	1396.4	1408.7	1425.8	1438.1	1455.2	1492.0	1514.0	1523.8	1533.6
67.5°	1923.1	1947.6	1969.7	1945.2	1932.9	1915.8	1920.7	1955.0	1977.0	1991.7	1989.3
65°	2410.6	2427.8	2427.8	2425.3	2415.5	2393.5	2405.7	2447.4	2471.9	2484.1	2447.4
62.5°	2983.9	2983.9	2971.7	2991.3	2993.7	2979.0	2971.7	2974.1	2976.6	2983.9	2922.7
60°	3380.8	3405.3	3412.6	3429.8	3434.7	3434.7	3446.9	3456.7	3456.7	3442.0	3371.0
57.5°	3905.0	3951.6	3961.4	3949.1	3924.6	3892.8	3887.9	3873.2	3843.8	3814.4	3780.1
55°	4434.2	4458.7	4456.3	4448.9	4424.4	4387.7	4392.6	4373.0	4326.4	4289.7	4243.1
52.5°	4965.8	5024.6	5034.4	5019.7	4985.4	4946.2	4948.7	4926.6	4880.1	4840.9	4777.2
50°	5644.4	5693.4	5688.5	5664.0	5615.0	5585.6	5588.1	5546.4	5492.5	5480.3	5397.0
47.5°	6421.0	6477.4	6467.6	6433.3	6367.1	6354.9	6367.1	6313.2	6281.4	6254.4	6156.4
45°	7440.2	7506.3	7469.6	7403.4	7298.1	7310.3	7327.5	7317.7	7249.1	7178.0	7053.1
42.5°	8635.7	8677.3	8633.2	8567.1	8434.8	8459.3	8449.5	8390.7	8349.0	8231.5	8072.2
40°	9914.5	10005.1	9936.5	9833.6	9696.5	9733.2	9706.3	9630.3	9532.3	9385.3	9184.4
37.5°	11293.8	11364.8	11286.4	11166.4	11043.9	11031.6	10977.7	10860.1	10720.5	10558.8	10237.9
35°	12614.2	12798.0	12653.4	12462.3	12312.9	12256.5	12205.1	11933.2	11773.9	11511.8	11073.3
32.5°	13596.6	13731.3	13552.5	13354.1	13172.8	13094.4	12913.1	12589.7	12504.0	11952.8	11551.0
30°	13853.8	13844.0	13657.8	13506.0	13310.0	13256.1	12922.9	12648.5	12374.1	11864.6	11482.4
27.5°	13241.4	13180.1	13001.3	12869.0	12675.5	12611.8	12283.5	12136.5	11712.7	11281.5	10958.1
25°	11876.8	11908.7	11773.9	11707.8	11580.4	11443.2	11313.4	11114.9	10850.3	10473.1	10176.6
22.5°	10801.3	10843.0	10786.6	10708.2	10610.2	10534.3	10436.3	10282.0	10027.2	9794.5	9515.2
20°	10203.6	10191.3	10142.3	10083.5	9990.4	9936.5	9828.7	9698.9	9502.9	9302.0	9000.7
17.5°	9890.0	9814.1	9767.5	9745.5	9696.5	9627.9	9500.5	9368.2	9216.3	8988.5	8768.0
15°	9657.3	9669.5	9632.8	9615.6	9576.4	9480.9	9351.0	9243.2	9037.5	8922.3	8721.4
12.5°	9642.6	9630.3	9632.8	9625.4	9576.4	9453.9	9387.8	9250.6	9118.3	8966.4	8736.1
10°	9816.5	9686.7	9696.5	9730.8	9652.4	9554.4	9483.3	9333.9	9208.9	9015.4	8787.6
7.5°	9806.7	9740.6	9760.2	9703.8	9728.3	9608.3	9510.3	9360.8	9204.0	8998.3	8792.5
5°	9865.5	9765.1	9747.9	9752.8	9691.6	9600.9	9468.6	9326.5	9179.5	8949.3	8738.6
2.5°	9730.8	9745.5	9667.1	9637.7	9630.3	9478.4	9355.9	9218.7	9066.8	8863.5	8674.9
0°	9630.3	9657.3	9576.4	9534.8	9532.3	9402.5	9324.1	9167.3	9059.5	8890.5	8662.6
-2.5°	9576.4	9608.3	9618.1	9542.1	9468.6	9368.2	9235.9	9066.8	8890.5	8694.5	8498.5
-5°	9581.3	9517.6	9490.7	9515.2	9451.5	9351.0	9204.0	9054.6	8880.7	8670.0	8425.0
-7.5°	9387.8	9324.1	9319.2	9306.9	9292.2	9196.7	9074.2	8912.5	8736.1	8540.1	8312.3
-10°	9098.7	9052.2	9039.9	9027.7	8988.5	8932.1	8817.0	8670.0	8510.7	8314.7	8072.2
-12.5°	8777.8	8755.7	8709.2	8677.3	8638.1	8572.0	8461.7	8327.0	8167.8	7993.8	7785.6
-15°	8422.5	8380.9	8334.3	8307.4	8251.1	8172.7	8062.4	7937.5	7763.5	7592.0	7396.1
-17.5°	7993.8	7942.4	7890.9	7883.6	7844.4	7724.3	7621.4	7469.6	7317.7	7153.5	6962.4
-20°	7489.2	7418.1	7383.8	7364.2	7310.3	7222.1	7111.9	6972.2	6825.2	6668.5	6448.0



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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°	6930.6	6869.3	6810.5	6773.8	6727.3	6658.7	6553.3	6430.8	6286.3	6109.9	5906.6
-25°	6296.1	6210.3	6173.6	6131.9	6107.4	6043.7	5940.9	5828.2	5678.7	5507.2	5313.7
-27.5°	5570.9	5502.3	5482.7	5423.9	5394.5	5328.4	5242.7	5137.3	5000.1	4838.4	4679.2
-30°	4769.8	4728.2	4696.3	4637.5	4615.5	4544.4	4488.1	4399.9	4275.0	4159.8	4032.4
-32.5°	3946.7	3905.0	3895.2	3868.3	3853.6	3807.0	3743.4	3679.7	3579.2	3493.5	3390.6
-35°	3216.6	3187.2	3189.7	3187.2	3172.5	3138.2	3059.8	3042.7	2969.2	2890.8	2824.7
-37.5°	2633.6	2636.0	2633.6	2631.1	2611.5	2596.8	2540.5	2518.4	2474.3	2398.4	2359.2
-40°	2195.1	2200.0	2197.5	2192.6	2170.6	2163.2	2126.5	2097.1	2079.9	2026.0	1984.4
-42.5°	1839.8	1847.2	1844.7	1842.3	1827.6	1825.1	1805.5	1771.2	1761.4	1729.6	1685.5
-45°	1570.3	1567.9	1563.0	1567.9	1560.5	1553.2	1540.9	1518.9	1506.7	1492.0	1455.2
-47.5°	1357.2	1359.7	1354.8	1354.8	1345.0	1337.6	1332.7	1318.0	1308.2	1296.0	1273.9
-50°	1180.8	1190.6	1188.2	1185.7	1178.4	1173.5	1173.5	1158.8	1144.1	1139.2	1124.5
-52.5°	1043.6	1051.0	1053.4	1058.3	1060.8	1063.2	1055.9	1041.2	1016.7	1014.2	1006.9
-55°	918.7	940.7	955.4	965.2	975.0	982.4	967.7	948.1	923.6	913.8	911.3
-57.5°	832.9	855.0	872.1	886.8	899.1	911.3	896.6	877.0	855.0	842.7	840.3
-60°	754.6	774.1	791.3	810.9	828.0	847.6	840.3	825.6	813.3	803.5	793.7
-62.5°	671.3	690.9	710.5	735.0	757.0	776.6	779.0	776.6	774.1	776.6	759.4
-65°	602.7	612.5	624.7	651.7	676.2	698.2	710.5	717.8	730.1	742.3	725.2
-67.5°	529.2	541.4	556.1	575.7	595.3	610.0	627.2	646.8	666.4	686.0	673.7
-70°	463.0	472.8	485.1	494.9	507.1	516.9	531.6	553.7	575.7	595.3	590.4
-72.5°	394.4	404.2	411.6	416.5	423.8	428.7	436.1	455.7	470.4	480.2	480.2
-75°	325.8	335.6	343.0	345.4	350.3	352.8	357.7	365.0	372.4	374.8	377.3
-77.5°	249.9	259.7	267.0	271.9	276.8	281.7	284.2	289.1	291.5	291.5	294.0
-80°	186.2	193.5	198.4	205.8	208.2	213.1	218.0	220.5	222.9	222.9	225.4
-82.5°	132.3	137.2	142.1	147.0	151.9	154.3	159.2	161.7	164.1	166.6	169.0
-85°	88.2	93.1	98.0	102.9	105.3	107.8	110.2	112.7	115.1	117.6	120.0
-87.5°	51.4	53.9	56.3	61.2	63.7	68.6	71.0	68.6	71.0	71.0	71.0
-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°	95.5	95.5	95.5	95.5	93.1	88.2	85.7	80.8	75.9	71.0	66.1
85°	198.4	200.9	200.9	200.9	196.0	193.5	186.2	178.8	169.0	154.3	142.1
82.5°	330.7	333.2	333.2	330.7	325.8	318.5	308.7	296.4	276.8	257.2	240.1
80°	497.3	499.8	499.8	497.3	485.1	472.8	460.6	445.9	421.4	394.4	365.0
77.5°	695.8	700.7	700.7	693.3	676.2	661.5	641.9	617.4	580.6	541.4	502.2
75°	926.0	938.3	940.7	933.4	911.3	884.4	852.5	810.9	754.6	705.6	659.0
72.5°	1193.1	1205.3	1215.1	1205.3	1173.5	1136.7	1090.2	1041.2	984.8	918.7	840.3
70°	1543.4	1555.6	1563.0	1531.1	1474.8	1413.6	1357.2	1300.9	1234.7	1153.9	1068.1
67.5°	1984.4	1972.1	1957.4	1893.7	1822.7	1749.2	1670.8	1587.5	1501.8	1416.0	1315.6
65°	2408.2	2373.9	2342.0	2266.1	2175.5	2079.9	1989.3	1896.2	1793.3	1685.5	1589.9
62.5°	2854.1	2780.6	2702.2	2609.1	2516.0	2410.6	2320.0	2209.8	2094.6	1962.3	1839.8
60°	3292.6	3204.4	3126.0	3010.9	2888.4	2746.3	2648.3	2540.5	2405.7	2263.7	2119.1
57.5°	3716.4	3620.9	3535.1	3434.7	3302.4	3148.0	3040.2	2900.6	2758.5	2579.7	2432.7
55°	4167.2	4071.6	4003.0	3890.3	3745.8	3603.7	3486.1	3339.1	3140.7	2949.6	2768.3
52.5°	4684.1	4608.1	4534.6	4419.5	4245.6	4101.0	3971.2	3807.0	3598.8	3363.6	3145.6
50°	5262.3	5223.1	5144.7	5009.9	4811.5	4684.1	4512.6	4294.6	4071.6	3824.2	3552.3
47.5°	6029.1	5965.4	5855.1	5708.1	5541.5	5350.4	5120.2	4865.4	4549.3	4275.0	3985.9
45°	6945.3	6827.7	6685.6	6487.2	6281.4	6065.8	5813.5	5490.1	5066.3	4708.6	4404.8
42.5°	7937.5	7778.2	7584.7	7325.0	7058.0	6793.4	6521.5	6080.5	5551.3	5139.8	4796.8
40°	8973.8	8770.4	8527.9	8150.6	7854.2	7513.7	7202.5	6543.5	5980.1	5534.2	5169.2
37.5°	9988.0	9730.8	9324.1	8866.0	8520.5	8241.3	7557.7	6852.2	6347.5	5857.6	5487.6
35°	10764.6	10546.6	9828.7	9353.5	9057.1	8616.1	7761.1	7038.4	6504.3	6097.6	5521.9
32.5°	11225.2	10661.7	10032.1	9551.9	9306.9	8584.2	7775.8	7092.3	6577.8	6122.1	5433.7
30°	11122.3	10441.2	9890.0	9488.2	8956.6	8307.4	7638.6	7009.0	6509.2	5958.0	5335.7
27.5°	10502.5	9975.7	9483.3	9064.4	8542.6	7959.5	7342.2	6788.5	6323.0	5789.0	5201.0
25°	9801.8	9324.1	8959.1	8594.0	8099.2	7543.1	6999.2	6599.9	6131.9	5605.2	5024.6
22.5°	9157.5	8814.5	8527.9	8145.7	7663.1	7178.0	6839.9	6425.9	5945.8	5411.7	4843.3
20°	8745.9	8513.2	8184.9	7763.5	7383.8	7080.0	6705.2	6266.7	5771.8	5213.3	4689.0
17.5°	8547.5	8278.0	7913.0	7638.6	7347.1	7013.9	6595.0	6129.5	5602.8	5122.6	4706.1
15°	8444.6	8160.4	7920.3	7650.8	7322.6	6972.2	6506.8	6024.2	5602.8	5159.4	4718.4
12.5°	8466.6	8221.7	7959.5	7665.5	7312.8	6937.9	6516.6	6068.2	5632.2	5186.3	4720.8
10°	8535.2	8278.0	7998.7	7672.9	7317.7	6947.7	6543.5	6095.2	5646.9	5198.6	4715.9
7.5°	8559.7	8280.5	7981.6	7653.3	7305.4	6942.8	6548.4	6102.5	5649.3	5196.1	4701.2
5°	8483.8	8231.5	7942.4	7611.6	7271.1	6918.3	6528.8	6092.7	5629.7	5171.6	4664.5
2.5°	8380.9	8177.6	7900.7	7582.2	7236.8	6884.0	6497.0	6048.6	5585.6	5127.5	4617.9
0°	8363.7	8111.4	7832.1	7548.0	7180.5	6808.1	6423.5	5965.4	5504.8	5044.2	4537.1
-2.5°	8251.1	7984.0	7704.7	7396.1	7072.7	6697.9	6293.6	5845.3	5389.6	4936.4	4448.9
-5°	8165.3	7868.9	7572.4	7239.3	6913.4	6538.6	6119.7	5683.6	5237.8	4796.8	4326.4
-7.5°	8050.2	7746.4	7435.3	7087.4	6734.6	6352.4	5938.4	5502.3	5063.8	4625.3	4174.5
-10°	7817.4	7550.4	7258.9	6898.7	6526.4	6144.2	5732.6	5303.9	4865.4	4422.0	3968.7
-12.5°	7535.7	7254.0	6935.5	6604.8	6271.6	5916.4	5504.8	5083.4	4642.4	4196.6	3745.8
-15°	7170.7	6893.8	6568.0	6244.6	5923.7	5583.2	5220.6	4840.9	4392.6	3954.0	3503.3
-17.5°	6715.0	6455.3	6163.8	5855.1	5536.6	5193.7	4840.9	4520.0	4101.0	3689.5	3243.6
-20°	6225.0	5982.5	5720.4	5428.8	5110.4	4774.7	4441.6	4105.9	3743.4	3380.8	2966.8



REPORT NUMBER: P722327

CATALOG NUMBER: IFLD-L-SA7A-940-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5715.5	5470.5	5205.9	4934.0	4640.0	4328.9	4020.2	3699.3	3380.8	3052.5	2702.2
-25°	5127.5	4911.9	4669.4	4404.8	4142.7	3870.7	3576.8	3285.2	3013.3	2729.1	2442.5
-27.5°	4512.6	4314.2	4093.7	3863.4	3638.0	3410.2	3155.4	2885.9	2660.5	2425.3	2187.7
-30°	3865.8	3706.6	3527.8	3326.9	3152.9	2969.2	2756.1	2533.1	2327.3	2148.5	1957.4
-32.5°	3253.4	3118.6	2991.3	2859.0	2687.5	2545.4	2398.4	2234.3	2053.0	1883.9	1746.7
-35°	2726.7	2582.1	2528.2	2430.2	2307.7	2182.8	2075.0	1957.4	1820.2	1670.8	1558.1
-37.5°	2283.2	2197.5	2121.6	2067.7	1986.8	1886.4	1800.6	1714.9	1609.5	1496.9	1384.2
-40°	1937.8	1879.0	1795.7	1768.8	1717.3	1648.7	1560.5	1494.4	1423.4	1337.6	1242.1
-42.5°	1661.0	1616.9	1563.0	1516.4	1494.4	1445.4	1376.8	1313.1	1256.8	1198.0	1124.5
-45°	1433.2	1403.8	1369.5	1327.8	1310.7	1271.5	1222.5	1151.4	1119.6	1070.6	1016.7
-47.5°	1249.4	1234.7	1210.2	1183.3	1158.8	1129.4	1085.3	1041.2	997.1	965.2	923.6
-50°	1104.9	1095.1	1080.4	1058.3	1026.5	1006.9	977.5	938.3	896.6	869.7	840.3
-52.5°	989.7	979.9	970.1	953.0	928.5	908.9	884.4	852.5	818.2	791.3	766.8
-55°	901.5	886.8	879.5	864.8	845.2	823.1	801.1	779.0	749.7	725.2	700.7
-57.5°	832.9	813.3	803.5	791.3	771.7	749.7	732.5	710.5	690.9	663.9	641.9
-60°	779.0	757.0	737.4	725.2	708.0	686.0	668.8	651.7	632.1	610.0	583.1
-62.5°	735.0	708.0	681.1	666.4	649.2	629.6	612.5	595.3	575.7	553.7	529.2
-65°	693.3	661.5	627.2	612.5	595.3	575.7	553.7	541.4	524.3	504.7	480.2
-67.5°	641.9	607.6	578.2	561.0	543.9	526.7	507.1	494.9	477.7	453.2	428.7
-70°	565.9	543.9	524.3	509.6	494.9	480.2	460.6	441.0	421.4	399.3	377.3
-72.5°	470.4	463.0	460.6	453.2	436.1	418.9	399.3	379.7	362.6	345.4	328.3
-75°	379.7	384.6	389.5	387.1	369.9	352.8	335.6	318.5	306.2	291.5	276.8
-77.5°	301.3	306.2	311.1	311.1	298.9	289.1	276.8	264.6	254.8	242.5	227.8
-80°	232.7	240.1	247.4	252.3	242.5	235.2	225.4	215.6	205.8	196.0	186.2
-82.5°	176.4	183.7	191.1	196.0	188.6	183.7	176.4	169.0	161.7	151.9	144.5
-85°	127.4	132.3	137.2	139.6	134.7	129.8	124.9	120.0	115.1	107.8	102.9
-87.5°	73.5	75.9	78.4	80.8	75.9	71.0	68.6	63.7	61.2	56.3	53.9
-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: P722327  
 CATALOG NUMBER: IFLD-L-SA7A-940-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°	61.2	56.3	51.4	49.0	44.1	36.7	31.8	26.9	22.0	17.1	14.7
85°	129.8	117.6	102.9	95.5	85.7	75.9	66.1	56.3	46.5	36.7	26.9
82.5°	222.9	208.2	193.5	176.4	154.3	127.4	100.4	83.3	68.6	53.9	41.6
80°	335.6	308.7	284.2	262.1	237.6	203.3	166.6	132.3	93.1	71.0	53.9
77.5°	465.5	433.6	399.3	362.6	323.4	276.8	235.2	191.1	144.5	98.0	68.6
75°	612.5	570.8	524.3	472.8	421.4	360.1	301.3	249.9	196.0	137.2	83.3
72.5°	776.6	725.2	668.8	600.2	519.4	448.3	377.3	308.7	245.0	173.9	112.7
70°	987.3	906.4	823.1	749.7	646.8	534.1	450.8	372.4	291.5	213.1	142.1
67.5°	1212.7	1114.7	1014.2	906.4	776.6	644.3	524.3	436.1	340.5	249.9	169.0
65°	1457.7	1335.2	1207.8	1087.7	908.9	752.1	617.4	497.3	387.1	284.2	196.0
62.5°	1710.0	1565.4	1418.5	1261.7	1055.9	862.3	705.6	565.9	431.2	316.0	220.5
60°	1979.5	1810.4	1631.6	1435.6	1195.5	982.4	788.8	637.0	477.7	347.9	247.4
57.5°	2263.7	2079.9	1869.2	1604.6	1340.1	1097.5	884.4	700.7	519.4	377.3	267.0
55°	2572.3	2361.6	2131.4	1781.0	1482.2	1212.7	979.9	764.3	563.5	401.8	286.6
52.5°	2905.5	2660.5	2369.0	1967.2	1631.6	1330.3	1068.1	820.7	605.1	428.7	303.8
50°	3277.9	2969.2	2577.2	2138.7	1761.4	1440.5	1156.3	881.9	639.4	458.1	318.5
47.5°	3665.0	3331.8	2763.4	2297.9	1893.7	1548.3	1247.0	935.8	673.7	482.6	333.2
45°	4069.2	3584.1	2957.0	2440.0	2008.9	1646.3	1315.6	984.8	715.4	504.7	345.4
42.5°	4468.5	3775.2	3126.0	2582.1	2116.7	1734.5	1371.9	1031.4	749.7	526.7	357.7
40°	4657.1	3919.7	3260.7	2680.1	2207.3	1812.9	1420.9	1073.0	779.0	541.4	369.9
37.5°	4735.5	4007.9	3348.9	2773.2	2278.3	1854.5	1462.6	1109.8	803.5	556.1	379.7
35°	4752.7	4039.8	3393.0	2836.9	2337.1	1893.7	1494.4	1136.7	823.1	570.8	389.5
32.5°	4720.8	4030.0	3405.3	2859.0	2373.9	1923.1	1516.4	1156.3	837.8	585.5	399.3
30°	4649.8	3978.5	3361.2	2856.5	2400.8	1940.3	1531.1	1171.0	852.5	595.3	404.2
27.5°	4534.6	3887.9	3304.8	2859.0	2415.5	1947.6	1538.5	1178.4	862.3	602.7	414.0
25°	4392.6	3765.4	3307.3	2854.1	2418.0	1950.1	1538.5	1178.4	864.8	605.1	421.4
22.5°	4228.4	3765.4	3307.3	2846.7	2403.3	1945.2	1531.1	1173.5	864.8	610.0	428.7
20°	4238.2	3767.9	3299.9	2832.0	2381.2	1930.5	1514.0	1161.2	857.4	617.4	433.6
17.5°	4245.6	3763.0	3285.2	2812.4	2351.8	1906.0	1492.0	1144.1	857.4	624.7	436.1
15°	4245.6	3748.3	3263.2	2783.0	2315.1	1871.7	1460.1	1129.4	859.9	627.2	441.0
12.5°	4238.2	3721.3	3228.9	2743.8	2271.0	1830.0	1440.5	1124.5	859.9	629.6	441.0
10°	4223.5	3684.6	3184.8	2694.8	2229.4	1815.3	1430.7	1114.7	855.0	629.6	441.0
7.5°	4196.6	3640.5	3148.0	2665.4	2204.9	1798.2	1416.0	1100.0	847.6	624.7	445.9
5°	4154.9	3616.0	3118.6	2631.1	2170.6	1785.9	1406.2	1087.7	842.7	624.7	441.0
2.5°	4101.0	3586.6	3084.3	2587.0	2131.4	1744.3	1374.4	1060.8	825.6	614.9	436.1
0°	4012.8	3527.8	3025.5	2525.8	2077.5	1702.6	1342.5	1033.8	808.4	605.1	431.2
-2.5°	3932.0	3449.4	2949.6	2462.1	2026.0	1665.9	1318.0	1019.1	801.1	602.7	428.7
-5°	3819.3	3341.6	2849.2	2378.8	1957.4	1629.1	1293.5	1002.0	793.7	597.8	428.7
-7.5°	3694.4	3228.9	2743.8	2293.0	1888.8	1565.4	1247.0	975.0	776.6	588.0	426.3
-10°	3500.8	3059.8	2611.5	2195.1	1815.3	1509.1	1207.8	950.5	761.9	578.2	416.5
-12.5°	3295.0	2873.7	2459.6	2075.0	1732.0	1450.3	1163.7	923.6	744.8	568.4	411.6
-15°	3077.0	2682.6	2300.4	1950.1	1641.4	1379.3	1117.1	894.2	727.6	556.1	404.2
-17.5°	2849.2	2481.7	2136.3	1822.7	1550.7	1305.8	1068.1	867.2	708.0	543.9	396.9
-20°	2609.1	2275.9	1969.7	1692.8	1455.2	1232.3	1016.7	835.4	686.0	529.2	387.1



REPORT NUMBER: P722327

CATALOG NUMBER: IFLD-L-SA7A-940-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2371.4	2072.6	1798.2	1565.4	1357.2	1156.3	965.2	803.5	661.5	512.0	379.7
-25°	2160.8	1881.5	1646.3	1443.0	1261.7	1082.8	911.3	771.7	634.5	494.9	369.9
-27.5°	1955.0	1717.3	1496.9	1327.8	1168.6	1011.8	859.9	737.4	607.6	475.3	360.1
-30°	1763.9	1560.5	1379.3	1215.1	1080.4	948.1	815.8	703.1	578.2	455.7	347.9
-32.5°	1589.9	1425.8	1273.9	1117.1	997.1	884.4	774.1	668.8	548.8	436.1	335.6
-35°	1428.3	1300.9	1168.6	1036.3	913.8	825.6	730.1	632.1	521.8	414.0	323.4
-37.5°	1283.7	1180.8	1075.5	962.8	857.4	769.2	688.4	595.3	494.9	394.4	311.1
-40°	1158.8	1075.5	982.4	891.7	803.5	720.3	646.8	558.6	467.9	379.7	298.9
-42.5°	1043.6	979.9	904.0	828.0	749.7	676.2	605.1	519.4	441.0	362.6	286.6
-45°	955.4	891.7	830.5	761.9	695.8	632.1	561.0	485.1	416.5	343.0	274.4
-47.5°	872.1	815.8	759.4	703.1	649.2	590.4	519.4	455.7	389.5	325.8	264.6
-50°	798.6	744.8	695.8	646.8	600.2	543.9	477.7	426.3	367.5	308.7	252.3
-52.5°	730.1	683.5	634.5	595.3	556.1	499.8	445.9	396.9	345.4	289.1	240.1
-55°	668.8	624.7	580.6	543.9	507.1	458.1	414.0	372.4	323.4	274.4	227.8
-57.5°	610.0	573.3	531.6	497.3	460.6	421.4	384.6	345.4	301.3	259.7	215.6
-60°	556.1	521.8	485.1	450.8	418.9	387.1	352.8	320.9	281.7	242.5	203.3
-62.5°	502.2	472.8	441.0	406.7	382.2	352.8	325.8	294.0	262.1	227.8	181.3
-65°	453.2	426.3	396.9	367.5	345.4	323.4	298.9	269.5	242.5	210.7	161.7
-67.5°	404.2	379.7	355.2	330.7	311.1	294.0	269.5	247.4	225.4	191.1	142.1
-70°	357.7	338.1	316.0	296.4	281.7	262.1	245.0	225.4	205.8	166.6	120.0
-72.5°	313.6	294.0	276.8	262.1	249.9	232.7	218.0	203.3	176.4	139.6	100.4
-75°	262.1	249.9	240.1	227.8	215.6	203.3	191.1	173.9	147.0	112.7	78.4
-77.5°	215.6	208.2	200.9	191.1	181.3	171.5	156.8	139.6	117.6	88.2	63.7
-80°	176.4	169.0	164.1	154.3	147.0	137.2	122.5	107.8	85.7	68.6	51.4
-82.5°	134.7	129.8	124.9	120.0	112.7	102.9	88.2	75.9	63.7	51.4	39.2
-85°	95.5	93.1	88.2	83.3	75.9	68.6	58.8	51.4	44.1	34.3	26.9
-87.5°	49.0	46.5	44.1	41.6	39.2	34.3	29.4	24.5	22.0	17.1	12.2
-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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 CATALOG NUMBER: IFLD-L-SA7A-940-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.8	7.3	2.4	0.0
85°	19.6	12.2	4.9	0.0
82.5°	29.4	19.6	7.3	0.0
80°	39.2	24.5	12.2	0.0
77.5°	49.0	29.4	14.7	0.0
75°	58.8	36.7	17.1	0.0
72.5°	66.1	41.6	19.6	0.0
70°	78.4	49.0	22.0	0.0
67.5°	98.0	53.9	24.5	0.0
65°	115.1	58.8	26.9	0.0
62.5°	134.7	63.7	29.4	0.0
60°	151.9	68.6	31.8	0.0
57.5°	169.0	80.8	34.3	0.0
55°	183.7	90.6	36.7	0.0
52.5°	200.9	100.4	39.2	0.0
50°	215.6	110.2	41.6	0.0
47.5°	227.8	120.0	41.6	0.0
45°	237.6	127.4	44.1	0.0
42.5°	245.0	134.7	46.5	0.0
40°	252.3	142.1	49.0	0.0
37.5°	259.7	149.4	49.0	0.0
35°	267.0	156.8	51.4	0.0
32.5°	274.4	164.1	51.4	0.0
30°	279.3	169.0	53.9	0.0
27.5°	286.6	173.9	53.9	0.0
25°	289.1	178.8	56.3	0.0
22.5°	294.0	181.3	56.3	0.0
20°	298.9	186.2	56.3	0.0
17.5°	301.3	188.6	58.8	0.0
15°	301.3	191.1	61.2	0.0
12.5°	303.8	193.5	61.2	0.0
10°	303.8	198.4	58.8	0.0
7.5°	308.7	196.0	58.8	0.0
5°	306.2	196.0	58.8	0.0
2.5°	303.8	193.5	58.8	0.0
0°	301.3	193.5	58.8	0.0
-2.5°	301.3	193.5	58.8	0.0
-5°	301.3	193.5	58.8	0.0
-7.5°	298.9	196.0	58.8	0.0
-10°	294.0	196.0	58.8	0.0
-12.5°	291.5	188.6	58.8	0.0
-15°	289.1	186.2	58.8	0.0
-17.5°	284.2	183.7	56.3	0.0
-20°	279.3	181.3	56.3	0.0



REPORT NUMBER: P722327

CATALOG NUMBER: IFLD-L-SA7A-940-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	274.4	176.4	56.3	0.0
-25°	269.5	171.5	53.9	0.0
-27.5°	264.6	166.6	53.9	0.0
-30°	257.2	161.7	51.4	0.0
-32.5°	249.9	156.8	51.4	0.0
-35°	245.0	149.4	49.0	0.0
-37.5°	237.6	142.1	49.0	0.0
-40°	230.3	134.7	46.5	0.0
-42.5°	222.9	127.4	44.1	0.0
-45°	213.1	120.0	44.1	0.0
-47.5°	205.8	112.7	41.6	0.0
-50°	193.5	102.9	39.2	0.0
-52.5°	178.8	93.1	36.7	0.0
-55°	164.1	85.7	34.3	0.0
-57.5°	149.4	75.9	34.3	0.0
-60°	134.7	66.1	31.8	0.0
-62.5°	120.0	61.2	29.4	0.0
-65°	105.3	56.3	26.9	0.0
-67.5°	88.2	49.0	24.5	0.0
-70°	73.5	44.1	22.0	0.0
-72.5°	63.7	39.2	19.6	0.0
-75°	53.9	34.3	17.1	0.0
-77.5°	46.5	29.4	14.7	0.0
-80°	36.7	22.0	9.8	0.0
-82.5°	26.9	17.1	7.3	0.0
-85°	17.1	12.2	4.9	0.0
-87.5°	9.8	4.9	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)