

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: P722297

Luminaire Tested: **IFLD-M-SA4E-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722297  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4E-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

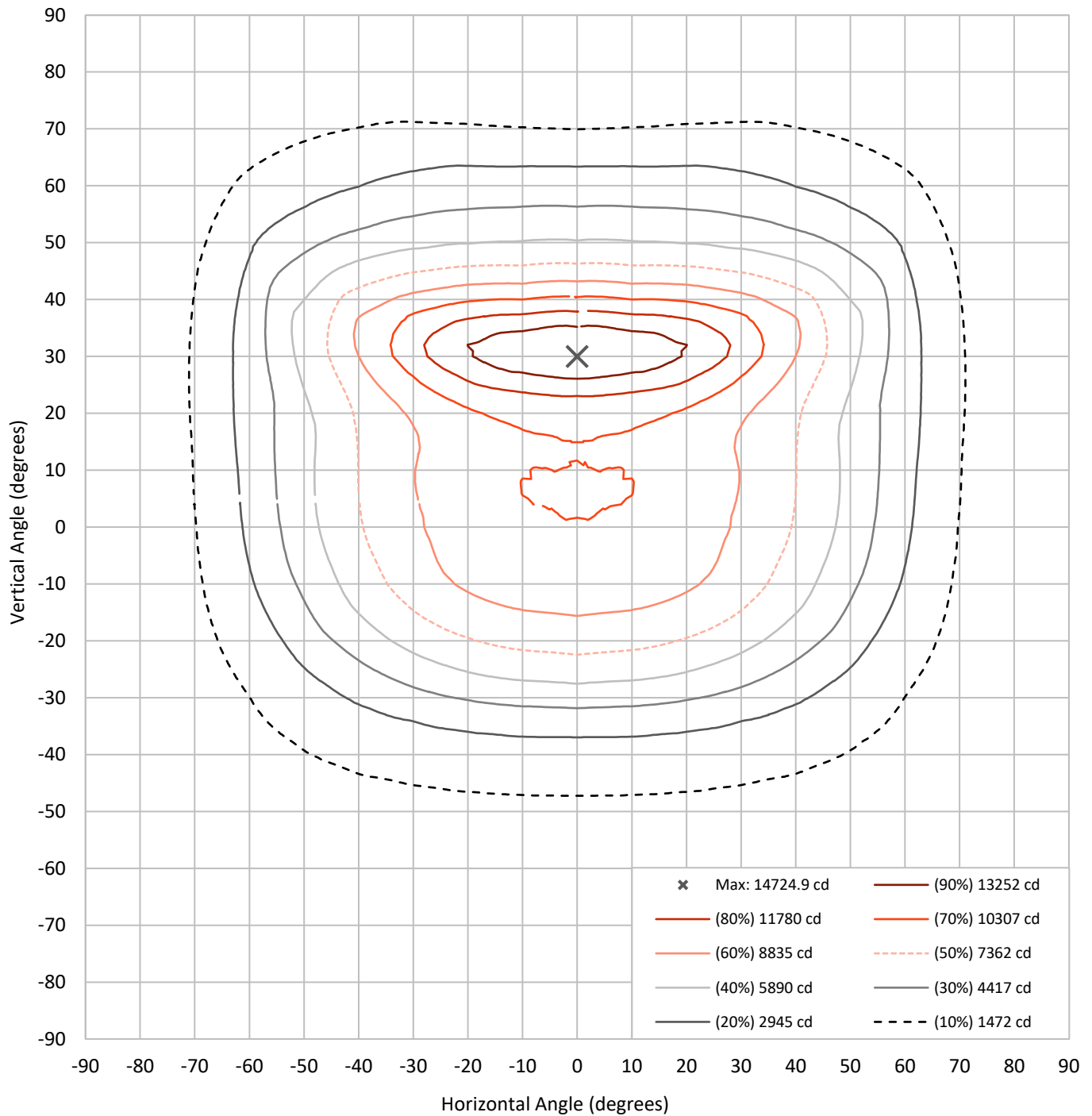
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	24579.5 lumens	Max Intensity:	14724.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14293.3 lumens	Field Lumens:	23034.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 314.8  
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



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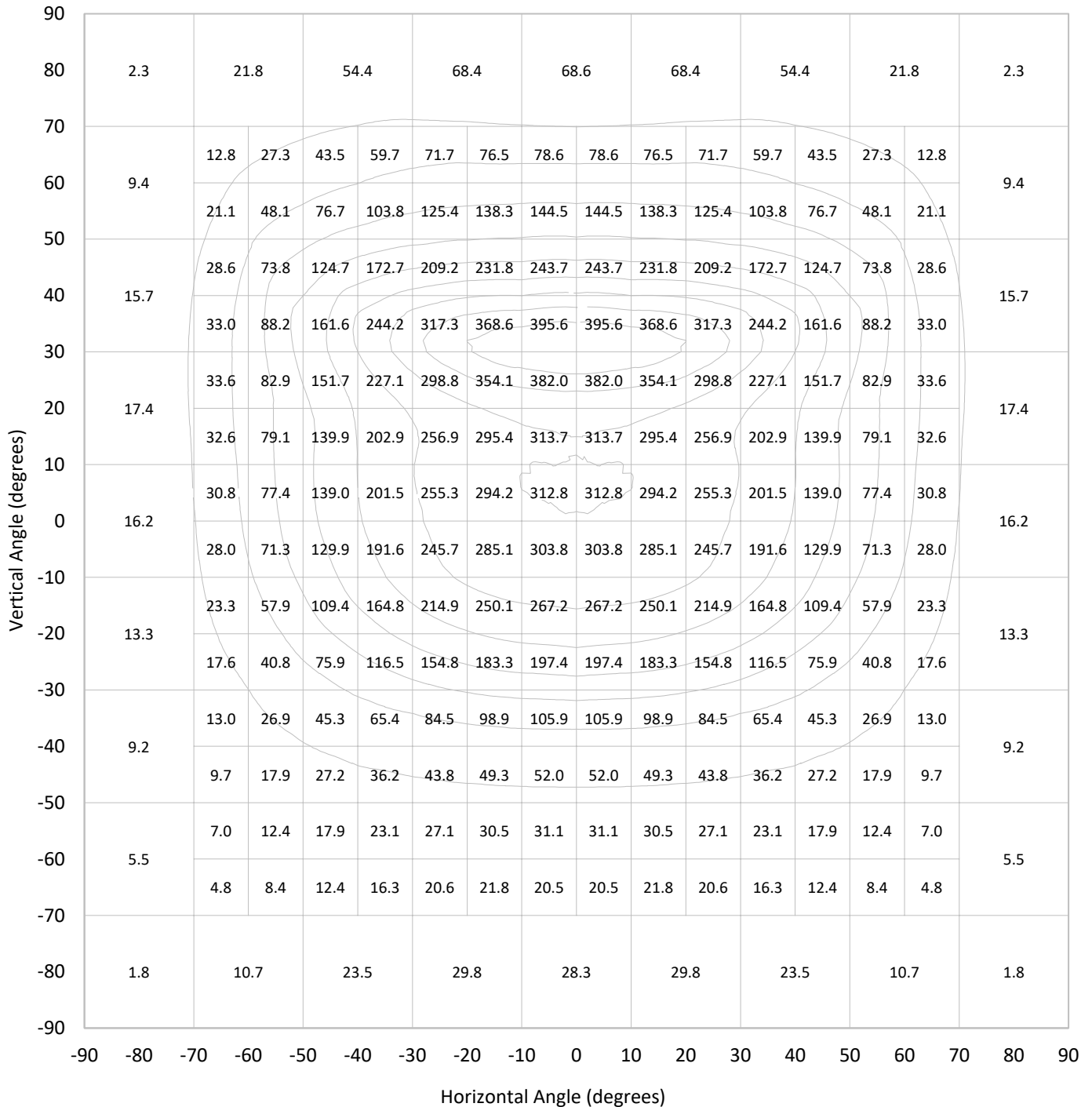
### Iso-Candela Plot





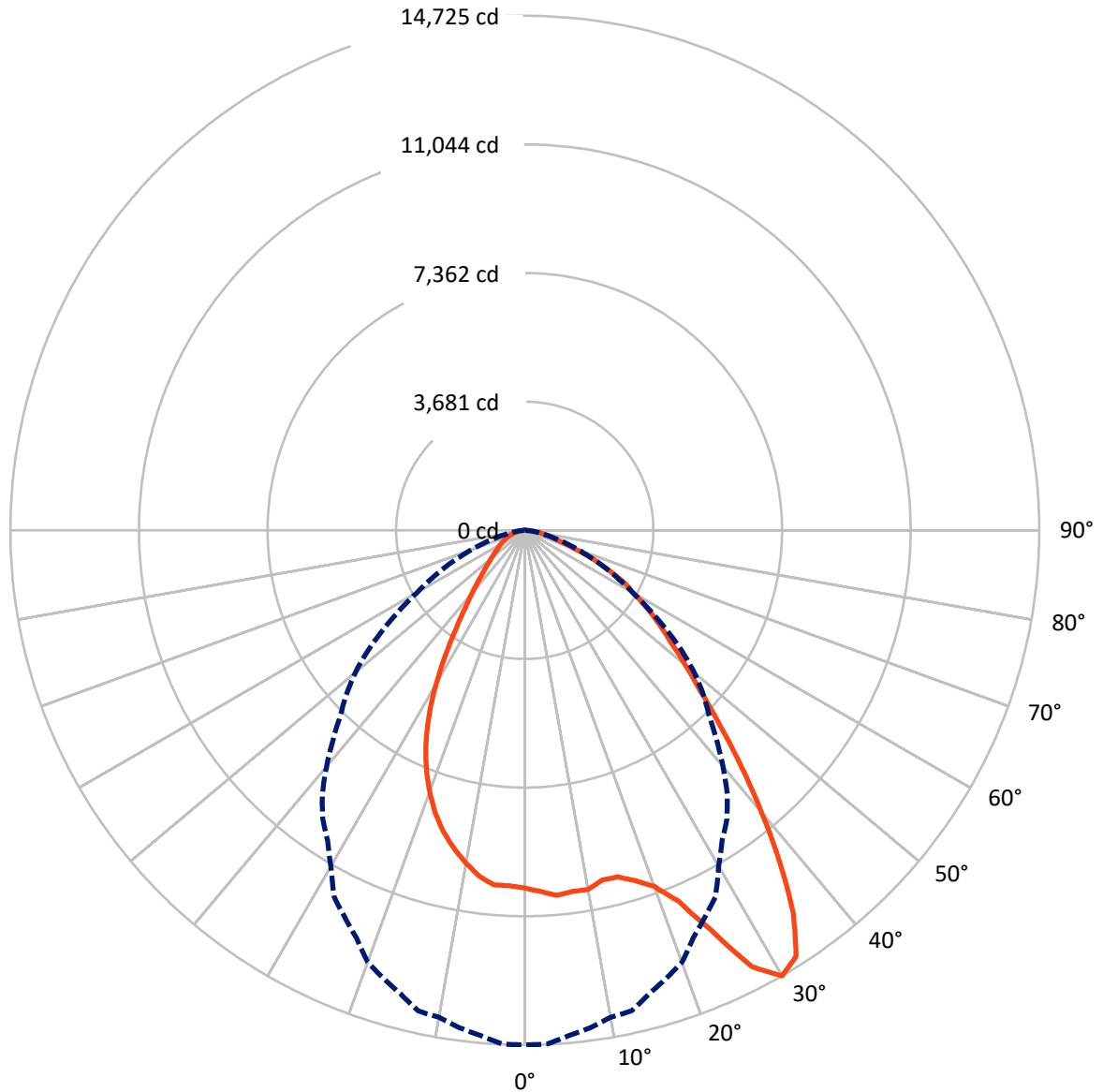
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### Lumen Table



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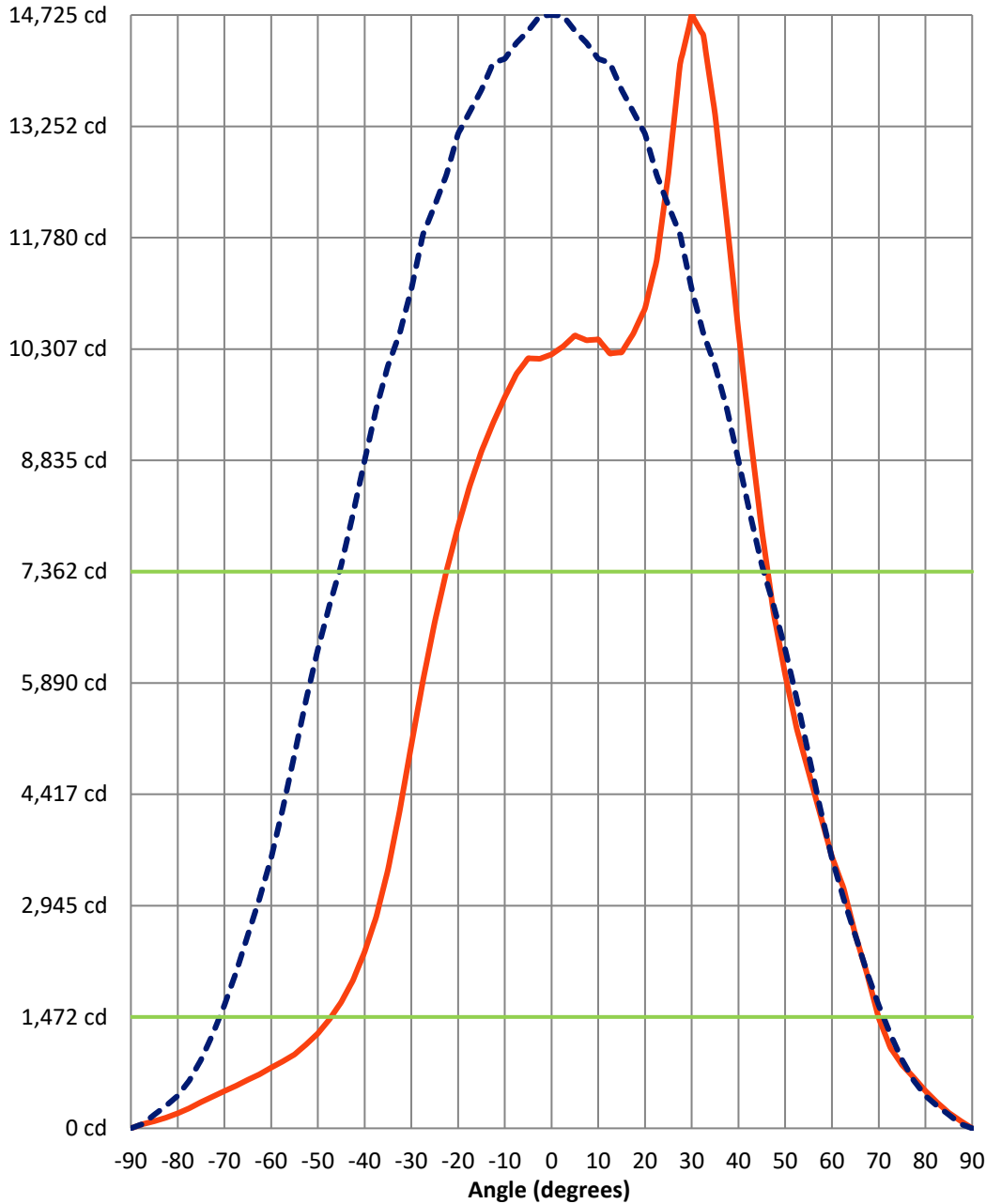
### Luminous Intensity Polar Plot



— 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: 14293.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 23034.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1545.3  
 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°	98.9	101.6	104.2	104.2	101.6	101.6	101.6	98.9	101.6	101.6	101.6
85°	205.7	210.9	216.1	213.5	210.9	205.7	200.5	203.1	205.7	208.3	208.3
82.5°	341.1	348.9	354.1	351.5	346.3	341.1	335.9	338.5	343.7	346.3	346.3
80°	494.7	497.3	499.9	505.2	497.3	497.3	494.7	505.2	510.4	515.6	520.8
77.5°	671.8	674.4	674.4	677.0	679.6	682.2	682.2	700.4	713.5	721.3	729.1
75°	838.4	846.3	854.1	861.9	872.3	877.5	885.3	911.4	932.2	947.8	963.4
72.5°	1067.6	1078.0	1091.0	1109.2	1127.5	1140.5	1158.7	1190.0	1213.4	1229.0	1247.3
70°	1460.8	1471.2	1484.2	1497.2	1515.5	1528.5	1546.7	1585.8	1609.2	1619.6	1630.0
67.5°	2044.0	2070.1	2093.5	2067.5	2054.5	2036.2	2041.4	2077.9	2101.3	2116.9	2114.3
65°	2562.2	2580.4	2580.4	2577.8	2567.4	2544.0	2557.0	2601.3	2627.3	2640.3	2601.3
62.5°	3171.5	3171.5	3158.5	3179.3	3181.9	3166.3	3158.5	3161.1	3163.7	3171.5	3106.4
60°	3593.3	3619.4	3627.2	3645.4	3650.6	3650.6	3663.6	3674.1	3674.1	3658.4	3582.9
57.5°	4150.6	4200.0	4210.5	4197.4	4171.4	4137.6	4132.3	4116.7	4085.5	4054.2	4017.8
55°	4713.0	4739.0	4736.4	4728.6	4702.6	4663.5	4668.7	4647.9	4598.4	4559.4	4509.9
52.5°	5278.0	5340.5	5351.0	5335.3	5298.9	5257.2	5259.8	5236.4	5186.9	5145.2	5077.5
50°	5999.3	6051.4	6046.2	6020.2	5968.1	5936.8	5939.4	5895.2	5837.9	5824.9	5736.3
47.5°	6824.7	6884.6	6874.2	6837.8	6767.5	6754.4	6767.5	6710.2	6676.3	6647.7	6543.5
45°	7908.0	7978.3	7939.2	7868.9	7756.9	7770.0	7788.2	7777.8	7704.9	7629.3	7496.5
42.5°	9178.6	9222.9	9176.0	9105.7	8965.1	8991.2	8980.8	8918.3	8874.0	8749.0	8579.8
40°	10537.9	10634.2	10561.3	10451.9	10306.1	10345.2	10316.5	10235.8	10131.7	9975.4	9761.9
37.5°	12003.8	12079.4	11996.0	11868.4	11738.3	11725.2	11667.9	11543.0	11394.5	11222.7	10881.6
35°	13407.3	13602.6	13449.0	13245.9	13087.1	13027.2	12972.5	12683.5	12514.2	12235.6	11769.5
32.5°	14451.5	14594.7	14404.6	14193.7	14001.0	13917.7	13725.0	13381.3	13290.2	12704.3	12277.3
30°	14724.9	14714.5	14516.6	14355.1	14146.8	14089.5	13735.4	13443.8	13152.2	12610.5	12204.3
27.5°	14073.9	14008.8	13818.7	13678.1	13472.4	13404.7	13055.8	12899.6	12449.1	11990.8	11647.1
25°	12623.6	12657.4	12514.2	12443.9	12308.5	12162.7	12024.7	11813.8	11532.5	11131.5	10816.5
22.5°	11480.5	11524.7	11464.8	11381.5	11277.4	11196.6	11092.5	10928.4	10657.6	10410.3	10113.4
20°	10845.1	10832.1	10780.0	10717.5	10618.6	10561.3	10446.7	10308.7	10100.4	9886.9	9566.6
17.5°	10511.8	10431.1	10381.6	10358.2	10306.1	10233.2	10097.8	9957.2	9795.8	9553.6	9319.3
15°	10264.5	10277.5	10238.4	10220.2	10178.5	10077.0	9939.0	9824.4	9605.7	9483.3	9269.8
12.5°	10248.8	10235.8	10238.4	10230.6	10178.5	10048.3	9978.0	9832.2	9691.6	9530.2	9285.4
10°	10433.7	10295.7	10306.1	10342.6	10259.3	10155.1	10079.6	9920.7	9788.0	9582.2	9340.1
7.5°	10423.3	10353.0	10373.8	10313.9	10340.0	10212.4	10108.2	9949.4	9782.7	9564.0	9345.3
5°	10485.8	10379.0	10360.8	10366.0	10300.9	10204.6	10064.0	9912.9	9756.7	9511.9	9288.0
2.5°	10342.6	10358.2	10274.9	10243.6	10235.8	10074.4	9944.2	9798.4	9636.9	9420.8	9220.3
0°	10235.8	10264.5	10178.5	10134.3	10131.7	9993.7	9910.3	9743.7	9629.1	9449.4	9207.3
-2.5°	10178.5	10212.4	10222.8	10142.1	10064.0	9957.2	9816.6	9636.9	9449.4	9241.1	9032.8
-5°	10183.7	10116.0	10087.4	10113.4	10045.7	9939.0	9782.7	9623.9	9439.0	9215.1	8954.7
-7.5°	9978.0	9910.3	9905.1	9892.1	9876.5	9774.9	9644.7	9472.9	9285.4	9077.1	8834.9
-10°	9670.8	9621.3	9608.3	9595.3	9553.6	9493.7	9371.3	9215.1	9045.8	8837.5	8579.8
-12.5°	9329.7	9306.2	9256.8	9222.9	9181.2	9110.9	8993.8	8850.6	8681.3	8496.4	8275.1
-15°	8952.1	8907.8	8858.4	8829.7	8769.8	8686.5	8569.3	8436.5	8251.7	8069.4	7861.1
-17.5°	8496.4	8441.8	8387.1	8379.3	8337.6	8210.0	8100.6	7939.2	7777.8	7603.3	7400.2
-20°	7960.0	7884.5	7848.1	7827.2	7770.0	7676.2	7559.0	7410.6	7254.4	7087.7	6853.4



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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°	7366.4	7301.3	7238.8	7199.7	7150.2	7077.3	6965.4	6835.2	6681.5	6494.1	6277.9
-25°	6691.9	6600.8	6561.8	6517.5	6491.5	6423.8	6314.4	6194.6	6035.8	5853.5	5647.8
-27.5°	5921.2	5848.3	5827.5	5765.0	5733.7	5663.4	5572.3	5460.3	5314.5	5142.6	4973.4
-30°	5069.7	5025.5	4991.6	4929.1	4905.7	4830.2	4770.3	4676.6	4543.8	4421.4	4286.0
-32.5°	4194.8	4150.6	4140.2	4111.5	4095.9	4046.4	3978.7	3911.0	3804.3	3713.1	3603.8
-35°	3418.9	3387.6	3390.2	3387.6	3372.0	3335.6	3252.2	3234.0	3155.9	3072.6	3002.3
-37.5°	2799.2	2801.8	2799.2	2796.6	2775.7	2760.1	2700.2	2676.8	2629.9	2549.2	2507.5
-40°	2333.1	2338.3	2335.7	2330.5	2307.0	2299.2	2260.2	2228.9	2210.7	2153.4	2109.1
-42.5°	1955.5	1963.3	1960.7	1958.1	1942.5	1939.9	1919.1	1882.6	1872.2	1838.3	1791.5
-45°	1669.1	1666.5	1661.3	1666.5	1658.7	1650.9	1637.8	1614.4	1601.4	1585.8	1546.7
-47.5°	1442.5	1445.1	1439.9	1439.9	1429.5	1421.7	1416.5	1400.9	1390.5	1377.4	1354.0
-50°	1255.1	1265.5	1262.9	1260.3	1252.5	1247.3	1247.3	1231.6	1216.0	1210.8	1195.2
-52.5°	1109.2	1117.1	1119.7	1124.9	1127.5	1130.1	1122.3	1106.6	1080.6	1078.0	1070.2
-55°	976.5	999.9	1015.5	1025.9	1036.3	1044.2	1028.5	1007.7	981.7	971.2	968.6
-57.5°	885.3	908.8	927.0	942.6	955.6	968.6	953.0	932.2	908.8	895.7	893.1
-60°	802.0	822.8	841.1	861.9	880.1	900.9	893.1	877.5	864.5	854.1	843.7
-62.5°	713.5	734.3	755.1	781.2	804.6	825.4	828.0	825.4	822.8	825.4	807.2
-65°	640.6	651.0	664.0	692.6	718.7	742.1	755.1	762.9	776.0	789.0	770.7
-67.5°	562.4	575.5	591.1	611.9	632.7	648.4	666.6	687.4	708.3	729.1	716.1
-70°	492.1	502.5	515.6	526.0	539.0	549.4	565.0	588.5	611.9	632.7	627.5
-72.5°	419.2	429.6	437.5	442.7	450.5	455.7	463.5	484.3	499.9	510.4	510.4
-75°	346.3	356.7	364.5	367.1	372.4	375.0	380.2	388.0	395.8	398.4	401.0
-77.5°	265.6	276.0	283.8	289.0	294.2	299.4	302.0	307.3	309.9	309.9	312.5
-80°	197.9	205.7	210.9	218.7	221.3	226.5	231.7	234.3	237.0	237.0	239.6
-82.5°	140.6	145.8	151.0	156.2	161.4	164.0	169.3	171.9	174.5	177.1	179.7
-85°	93.7	98.9	104.2	109.4	112.0	114.6	117.2	119.8	122.4	125.0	127.6
-87.5°	54.7	57.3	59.9	65.1	67.7	72.9	75.5	72.9	75.5	75.5	75.5
-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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**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°	101.6	101.6	101.6	101.6	98.9	93.7	91.1	85.9	80.7	75.5	70.3
85°	210.9	213.5	213.5	213.5	208.3	205.7	197.9	190.1	179.7	164.0	151.0
82.5°	351.5	354.1	354.1	351.5	346.3	338.5	328.1	315.1	294.2	273.4	255.2
80°	528.6	531.2	531.2	528.6	515.6	502.5	489.5	473.9	447.9	419.2	388.0
77.5°	739.5	744.7	744.7	736.9	718.7	703.0	682.2	656.2	617.1	575.5	533.8
75°	984.3	997.3	999.9	992.1	968.6	940.0	906.1	861.9	802.0	749.9	700.4
72.5°	1268.1	1281.1	1291.5	1281.1	1247.3	1208.2	1158.7	1106.6	1046.8	976.5	893.1
70°	1640.4	1653.5	1661.3	1627.4	1567.5	1502.4	1442.5	1382.7	1312.4	1226.4	1135.3
67.5°	2109.1	2096.1	2080.5	2012.8	1937.3	1859.2	1775.8	1687.3	1596.2	1505.0	1398.3
65°	2559.6	2523.2	2489.3	2408.6	2312.2	2210.7	2114.3	2015.4	1906.0	1791.5	1689.9
62.5°	3033.5	2955.4	2872.1	2773.1	2674.2	2562.2	2465.9	2348.7	2226.3	2085.7	1955.5
60°	3499.6	3405.9	3322.5	3200.2	3070.0	2918.9	2814.8	2700.2	2557.0	2406.0	2252.3
57.5°	3950.1	3848.5	3757.4	3650.6	3510.0	3346.0	3231.4	3083.0	2932.0	2741.9	2585.6
55°	4429.2	4327.6	4254.7	4134.9	3981.3	3830.3	3705.3	3549.1	3338.2	3135.1	2942.4
52.5°	4978.6	4897.9	4819.8	4697.4	4512.5	4358.9	4220.9	4046.4	3825.1	3575.1	3343.4
50°	5593.1	5551.5	5468.1	5324.9	5114.0	4978.6	4796.3	4564.6	4327.6	4064.6	3775.6
47.5°	6408.1	6340.4	6223.3	6067.0	5890.0	5686.9	5442.1	5171.3	4835.4	4543.8	4236.5
45°	7382.0	7257.0	7106.0	6895.1	6676.3	6447.2	6179.0	5835.3	5384.8	5004.6	4681.8
42.5°	8436.5	8267.3	8061.6	7785.6	7501.8	7220.5	6931.5	6462.8	5900.4	5462.9	5098.4
40°	9538.0	9321.9	9064.1	8663.1	8348.0	7986.1	7655.4	6954.9	6356.0	5882.1	5494.2
37.5°	10616.0	10342.6	9910.3	9423.4	9056.3	8759.4	8032.9	7283.0	6746.6	6225.9	5832.7
35°	11441.4	11209.7	10446.7	9941.6	9626.5	9157.8	8249.1	7480.9	6913.3	6481.0	5869.1
32.5°	11930.9	11332.0	10662.9	10152.5	9892.1	9124.0	8264.7	7538.2	6991.4	6507.1	5775.4
30°	11821.6	11097.7	10511.8	10084.8	9519.8	8829.7	8118.9	7449.7	6918.5	6332.6	5671.2
27.5°	11162.8	10603.0	10079.6	9634.3	9079.7	8460.0	7803.8	7215.3	6720.6	6152.9	5528.0
25°	10418.1	9910.3	9522.4	9134.4	8608.4	8017.3	7439.3	7014.8	6517.5	5957.7	5340.5
22.5°	9733.3	9368.7	9064.1	8657.9	8144.9	7629.3	7270.0	6830.0	6319.6	5752.0	5147.9
20°	9295.8	9048.5	8699.5	8251.7	7848.1	7525.2	7126.8	6660.7	6134.7	5541.0	4983.8
17.5°	9084.9	8798.5	8410.5	8118.9	7809.0	7454.9	7009.6	6514.9	5955.1	5444.7	5002.0
15°	8975.5	8673.5	8418.3	8131.9	7783.0	7410.6	6915.9	6402.9	5955.1	5483.8	5015.1
12.5°	8999.0	8738.6	8460.0	8147.5	7772.6	7374.2	6926.3	6449.8	5986.3	5512.4	5017.7
10°	9071.9	8798.5	8501.6	8155.3	7777.8	7384.6	6954.9	6478.4	6001.9	5525.4	5012.5
7.5°	9097.9	8801.1	8483.4	8134.5	7764.7	7379.4	6960.1	6486.2	6004.5	5522.8	4996.8
5°	9017.2	8749.0	8441.8	8090.2	7728.3	7353.3	6939.3	6475.8	5983.7	5496.8	4957.8
2.5°	8907.8	8691.7	8397.5	8059.0	7691.8	7316.9	6905.5	6429.0	5936.8	5449.9	4908.3
0°	8889.6	8621.4	8324.6	8022.5	7631.9	7236.2	6827.4	6340.4	5850.9	5361.4	4822.4
-2.5°	8769.8	8486.0	8189.2	7861.1	7517.4	7119.0	6689.3	6212.8	5728.5	5246.8	4728.6
-5°	8678.7	8363.6	8048.6	7694.4	7348.1	6949.7	6504.5	6041.0	5567.1	5098.4	4598.4
-7.5°	8556.3	8233.4	7902.7	7533.0	7158.0	6751.8	6311.8	5848.3	5382.2	4916.1	4437.0
-10°	8309.0	8025.1	7715.3	7332.5	6936.7	6530.5	6093.1	5637.4	5171.3	4700.0	4218.3
-12.5°	8009.5	7710.1	7371.6	7020.0	6665.9	6288.3	5850.9	5403.0	4934.3	4460.4	3981.3
-15°	7621.5	7327.3	6981.0	6637.3	6296.2	5934.2	5548.8	5145.2	4668.7	4202.6	3723.5
-17.5°	7137.2	6861.2	6551.3	6223.3	5884.7	5520.2	5145.2	4804.1	4358.9	3921.4	3447.5
-20°	6616.4	6358.7	6080.0	5770.2	5431.7	5074.9	4720.8	4364.1	3978.7	3593.3	3153.3



REPORT NUMBER: P722297  
 CATALOG NUMBER: IFLD-M-SA4E-935-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6074.8	5814.4	5533.2	5244.2	4931.7	4601.0	4273.0	3931.8	3593.3	3244.4	2872.1
-25°	5449.9	5220.8	4963.0	4681.8	4403.1	4114.1	3801.7	3491.8	3202.8	2900.7	2596.1
-27.5°	4796.3	4585.4	4351.1	4106.3	3866.7	3624.6	3353.8	3067.4	2827.8	2577.8	2325.3
-30°	4108.9	3939.7	3749.6	3536.1	3351.2	3155.9	2929.4	2692.4	2473.7	2283.6	2080.5
-32.5°	3457.9	3314.7	3179.3	3038.7	2856.4	2705.4	2549.2	2374.7	2182.0	2002.4	1856.6
-35°	2898.1	2744.5	2687.2	2583.0	2452.8	2320.0	2205.5	2080.5	1934.7	1775.8	1656.1
-37.5°	2426.8	2335.7	2255.0	2197.7	2111.7	2005.0	1913.8	1822.7	1710.7	1591.0	1471.2
-40°	2059.7	1997.2	1908.6	1880.0	1825.3	1752.4	1658.7	1588.4	1512.8	1421.7	1320.2
-42.5°	1765.4	1718.6	1661.3	1611.8	1588.4	1536.3	1463.4	1395.7	1335.8	1273.3	1195.2
-45°	1523.3	1492.0	1455.6	1411.3	1393.1	1351.4	1299.3	1223.8	1190.0	1137.9	1080.6
-47.5°	1328.0	1312.4	1286.3	1257.7	1231.6	1200.4	1153.5	1106.6	1059.8	1025.9	981.7
-50°	1174.3	1163.9	1148.3	1124.9	1091.0	1070.2	1038.9	997.3	953.0	924.4	893.1
-52.5°	1052.0	1041.5	1031.1	1012.9	986.9	966.0	940.0	906.1	869.7	841.1	815.0
-55°	958.2	942.6	934.8	919.2	898.3	874.9	851.5	828.0	796.8	770.7	744.7
-57.5°	885.3	864.5	854.1	841.1	820.2	796.8	778.6	755.1	734.3	705.6	682.2
-60°	828.0	804.6	783.8	770.7	752.5	729.1	710.9	692.6	671.8	648.4	619.7
-62.5°	781.2	752.5	723.9	708.3	690.0	669.2	651.0	632.7	611.9	588.5	562.4
-65°	736.9	703.0	666.6	651.0	632.7	611.9	588.5	575.5	557.2	536.4	510.4
-67.5°	682.2	645.8	614.5	596.3	578.1	559.8	539.0	526.0	507.8	481.7	455.7
-70°	601.5	578.1	557.2	541.6	526.0	510.4	489.5	468.7	447.9	424.4	401.0
-72.5°	499.9	492.1	489.5	481.7	463.5	445.3	424.4	403.6	385.4	367.1	348.9
-75°	403.6	408.8	414.0	411.4	393.2	375.0	356.7	338.5	325.5	309.9	294.2
-77.5°	320.3	325.5	330.7	330.7	317.7	307.3	294.2	281.2	270.8	257.8	242.2
-80°	247.4	255.2	263.0	268.2	257.8	250.0	239.6	229.1	218.7	208.3	197.9
-82.5°	187.5	195.3	203.1	208.3	200.5	195.3	187.5	179.7	171.9	161.4	153.6
-85°	135.4	140.6	145.8	148.4	143.2	138.0	132.8	127.6	122.4	114.6	109.4
-87.5°	78.1	80.7	83.3	85.9	80.7	75.5	72.9	67.7	65.1	59.9	57.3
-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: P722297  
 CATALOG NUMBER: IFLD-M-SA4E-935-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°	65.1	59.9	54.7	52.1	46.9	39.1	33.9	28.6	23.4	18.2	15.6
85°	138.0	125.0	109.4	101.6	91.1	80.7	70.3	59.9	49.5	39.1	28.6
82.5°	237.0	221.3	205.7	187.5	164.0	135.4	106.8	88.5	72.9	57.3	44.3
80°	356.7	328.1	302.0	278.6	252.6	216.1	177.1	140.6	98.9	75.5	57.3
77.5°	494.7	460.9	424.4	385.4	343.7	294.2	250.0	203.1	153.6	104.2	72.9
75°	651.0	606.7	557.2	502.5	447.9	382.8	320.3	265.6	208.3	145.8	88.5
72.5°	825.4	770.7	710.9	637.9	552.0	476.5	401.0	328.1	260.4	184.9	119.8
70°	1049.4	963.4	874.9	796.8	687.4	567.6	479.1	395.8	309.9	226.5	151.0
67.5°	1288.9	1184.8	1078.0	963.4	825.4	684.8	557.2	463.5	361.9	265.6	179.7
65°	1549.3	1419.1	1283.7	1156.1	966.0	799.4	656.2	528.6	411.4	302.0	208.3
62.5°	1817.5	1663.9	1507.6	1341.0	1122.3	916.6	749.9	601.5	458.3	335.9	234.3
60°	2103.9	1924.3	1734.2	1525.9	1270.7	1044.2	838.4	677.0	507.8	369.7	263.0
57.5°	2406.0	2210.7	1986.8	1705.5	1424.3	1166.5	940.0	744.7	552.0	401.0	283.8
55°	2734.1	2510.1	2265.4	1893.0	1575.3	1288.9	1041.5	812.4	598.9	427.0	304.7
52.5°	3088.2	2827.8	2517.9	2090.9	1734.2	1413.9	1135.3	872.3	643.2	455.7	322.9
50°	3484.0	3155.9	2739.3	2273.2	1872.2	1531.1	1229.0	937.4	679.6	486.9	338.5
47.5°	3895.4	3541.3	2937.2	2442.4	2012.8	1645.6	1325.4	994.7	716.1	513.0	354.1
45°	4325.0	3809.5	3142.9	2593.5	2135.2	1749.8	1398.3	1046.8	760.3	536.4	367.1
42.5°	4749.5	4012.6	3322.5	2744.5	2249.7	1843.5	1458.2	1096.2	796.8	559.8	380.2
40°	4950.0	4166.2	3465.8	2848.6	2346.1	1926.9	1510.2	1140.5	828.0	575.5	393.2
37.5°	5033.3	4259.9	3559.5	2947.6	2421.6	1971.1	1554.5	1179.6	854.1	591.1	403.6
35°	5051.5	4293.8	3606.4	3015.3	2484.1	2012.8	1588.4	1208.2	874.9	606.7	414.0
32.5°	5017.7	4283.4	3619.4	3038.7	2523.2	2044.0	1611.8	1229.0	890.5	622.3	424.4
30°	4942.1	4228.7	3572.5	3036.1	2551.8	2062.3	1627.4	1244.7	906.1	632.7	429.6
27.5°	4819.8	4132.3	3512.6	3038.7	2567.4	2070.1	1635.2	1252.5	916.6	640.6	440.1
25°	4668.7	4002.2	3515.2	3033.5	2570.0	2072.7	1635.2	1252.5	919.2	643.2	447.9
22.5°	4494.3	4002.2	3515.2	3025.7	2554.4	2067.5	1627.4	1247.3	919.2	648.4	455.7
20°	4504.7	4004.8	3507.4	3010.1	2531.0	2051.9	1609.2	1234.2	911.4	656.2	460.9
17.5°	4512.5	3999.5	3491.8	2989.2	2499.7	2025.8	1585.8	1216.0	911.4	664.0	463.5
15°	4512.5	3983.9	3468.4	2958.0	2460.7	1989.4	1551.9	1200.4	914.0	666.6	468.7
12.5°	4504.7	3955.3	3431.9	2916.3	2413.8	1945.1	1531.1	1195.2	914.0	669.2	468.7
10°	4489.1	3916.2	3385.0	2864.3	2369.5	1929.5	1520.7	1184.8	908.8	669.2	468.7
7.5°	4460.4	3869.4	3346.0	2833.0	2343.5	1911.2	1505.0	1169.1	900.9	664.0	473.9
5°	4416.2	3843.3	3314.7	2796.6	2307.0	1898.2	1494.6	1156.1	895.7	664.0	468.7
2.5°	4358.9	3812.1	3278.3	2749.7	2265.4	1854.0	1460.8	1127.5	877.5	653.6	463.5
0°	4265.1	3749.6	3215.8	2684.6	2208.1	1809.7	1426.9	1098.8	859.3	643.2	458.3
-2.5°	4179.2	3666.3	3135.1	2616.9	2153.4	1770.6	1400.9	1083.2	851.5	640.6	455.7
-5°	4059.4	3551.7	3028.3	2528.4	2080.5	1731.6	1374.8	1065.0	843.7	635.3	455.7
-7.5°	3926.6	3431.9	2916.3	2437.2	2007.6	1663.9	1325.4	1036.3	825.4	624.9	453.1
-10°	3720.9	3252.2	2775.7	2333.1	1929.5	1604.0	1283.7	1010.3	809.8	614.5	442.7
-12.5°	3502.2	3054.3	2614.3	2205.5	1840.9	1541.5	1236.8	981.7	791.6	604.1	437.5
-15°	3270.5	2851.2	2445.0	2072.7	1744.6	1466.0	1187.4	950.4	773.3	591.1	429.6
-17.5°	3028.3	2637.7	2270.6	1937.3	1648.3	1387.9	1135.3	921.8	752.5	578.1	421.8
-20°	2773.1	2419.0	2093.5	1799.3	1546.7	1309.7	1080.6	887.9	729.1	562.4	411.4



REPORT NUMBER: P722297  
 CATALOG NUMBER: IFLD-M-SA4E-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2520.5	2202.9	1911.2	1663.9	1442.5	1229.0	1025.9	854.1	703.0	544.2	403.6
-25°	2296.6	1999.8	1749.8	1533.7	1341.0	1150.9	968.6	820.2	674.4	526.0	393.2
-27.5°	2077.9	1825.3	1591.0	1411.3	1242.0	1075.4	914.0	783.8	645.8	505.2	382.8
-30°	1874.8	1658.7	1466.0	1291.5	1148.3	1007.7	867.1	747.3	614.5	484.3	369.7
-32.5°	1689.9	1515.5	1354.0	1187.4	1059.8	940.0	822.8	710.9	583.3	463.5	356.7
-35°	1518.1	1382.7	1242.0	1101.4	971.2	877.5	776.0	671.8	554.6	440.1	343.7
-37.5°	1364.4	1255.1	1143.1	1023.3	911.4	817.6	731.7	632.7	526.0	419.2	330.7
-40°	1231.6	1143.1	1044.2	947.8	854.1	765.5	687.4	593.7	497.3	403.6	317.7
-42.5°	1109.2	1041.5	960.8	880.1	796.8	718.7	643.2	552.0	468.7	385.4	304.7
-45°	1015.5	947.8	882.7	809.8	739.5	671.8	596.3	515.6	442.7	364.5	291.6
-47.5°	927.0	867.1	807.2	747.3	690.0	627.5	552.0	484.3	414.0	346.3	281.2
-50°	848.9	791.6	739.5	687.4	637.9	578.1	507.8	453.1	390.6	328.1	268.2
-52.5°	776.0	726.5	674.4	632.7	591.1	531.2	473.9	421.8	367.1	307.3	255.2
-55°	710.9	664.0	617.1	578.1	539.0	486.9	440.1	395.8	343.7	291.6	242.2
-57.5°	648.4	609.3	565.0	528.6	489.5	447.9	408.8	367.1	320.3	276.0	229.1
-60°	591.1	554.6	515.6	479.1	445.3	411.4	375.0	341.1	299.4	257.8	216.1
-62.5°	533.8	502.5	468.7	432.2	406.2	375.0	346.3	312.5	278.6	242.2	192.7
-65°	481.7	453.1	421.8	390.6	367.1	343.7	317.7	286.4	257.8	223.9	171.9
-67.5°	429.6	403.6	377.6	351.5	330.7	312.5	286.4	263.0	239.6	203.1	151.0
-70°	380.2	359.3	335.9	315.1	299.4	278.6	260.4	239.6	218.7	177.1	127.6
-72.5°	333.3	312.5	294.2	278.6	265.6	247.4	231.7	216.1	187.5	148.4	106.8
-75°	278.6	265.6	255.2	242.2	229.1	216.1	203.1	184.9	156.2	119.8	83.3
-77.5°	229.1	221.3	213.5	203.1	192.7	182.3	166.6	148.4	125.0	93.7	67.7
-80°	187.5	179.7	174.5	164.0	156.2	145.8	130.2	114.6	91.1	72.9	54.7
-82.5°	143.2	138.0	132.8	127.6	119.8	109.4	93.7	80.7	67.7	54.7	41.7
-85°	101.6	98.9	93.7	88.5	80.7	72.9	62.5	54.7	46.9	36.5	28.6
-87.5°	52.1	49.5	46.9	44.3	41.7	36.5	31.2	26.0	23.4	18.2	13.0
-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: P722297  
 CATALOG NUMBER: IFLD-M-SA4E-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.4	7.8	2.6	0.0
85°	20.8	13.0	5.2	0.0
82.5°	31.2	20.8	7.8	0.0
80°	41.7	26.0	13.0	0.0
77.5°	52.1	31.2	15.6	0.0
75°	62.5	39.1	18.2	0.0
72.5°	70.3	44.3	20.8	0.0
70°	83.3	52.1	23.4	0.0
67.5°	104.2	57.3	26.0	0.0
65°	122.4	62.5	28.6	0.0
62.5°	143.2	67.7	31.2	0.0
60°	161.4	72.9	33.9	0.0
57.5°	179.7	85.9	36.5	0.0
55°	195.3	96.3	39.1	0.0
52.5°	213.5	106.8	41.7	0.0
50°	229.1	117.2	44.3	0.0
47.5°	242.2	127.6	44.3	0.0
45°	252.6	135.4	46.9	0.0
42.5°	260.4	143.2	49.5	0.0
40°	268.2	151.0	52.1	0.0
37.5°	276.0	158.8	52.1	0.0
35°	283.8	166.6	54.7	0.0
32.5°	291.6	174.5	54.7	0.0
30°	296.8	179.7	57.3	0.0
27.5°	304.7	184.9	57.3	0.0
25°	307.3	190.1	59.9	0.0
22.5°	312.5	192.7	59.9	0.0
20°	317.7	197.9	59.9	0.0
17.5°	320.3	200.5	62.5	0.0
15°	320.3	203.1	65.1	0.0
12.5°	322.9	205.7	65.1	0.0
10°	322.9	210.9	62.5	0.0
7.5°	328.1	208.3	62.5	0.0
5°	325.5	208.3	62.5	0.0
2.5°	322.9	205.7	62.5	0.0
0°	320.3	205.7	62.5	0.0
-2.5°	320.3	205.7	62.5	0.0
-5°	320.3	205.7	62.5	0.0
-7.5°	317.7	208.3	62.5	0.0
-10°	312.5	208.3	62.5	0.0
-12.5°	309.9	200.5	62.5	0.0
-15°	307.3	197.9	62.5	0.0
-17.5°	302.0	195.3	59.9	0.0
-20°	296.8	192.7	59.9	0.0



REPORT NUMBER: P722297  
 CATALOG NUMBER: IFLD-M-SA4E-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	291.6	187.5	59.9	0.0
-25°	286.4	182.3	57.3	0.0
-27.5°	281.2	177.1	57.3	0.0
-30°	273.4	171.9	54.7	0.0
-32.5°	265.6	166.6	54.7	0.0
-35°	260.4	158.8	52.1	0.0
-37.5°	252.6	151.0	52.1	0.0
-40°	244.8	143.2	49.5	0.0
-42.5°	237.0	135.4	46.9	0.0
-45°	226.5	127.6	46.9	0.0
-47.5°	218.7	119.8	44.3	0.0
-50°	205.7	109.4	41.7	0.0
-52.5°	190.1	98.9	39.1	0.0
-55°	174.5	91.1	36.5	0.0
-57.5°	158.8	80.7	36.5	0.0
-60°	143.2	70.3	33.9	0.0
-62.5°	127.6	65.1	31.2	0.0
-65°	112.0	59.9	28.6	0.0
-67.5°	93.7	52.1	26.0	0.0
-70°	78.1	46.9	23.4	0.0
-72.5°	67.7	41.7	20.8	0.0
-75°	57.3	36.5	18.2	0.0
-77.5°	49.5	31.2	15.6	0.0
-80°	39.1	23.4	10.4	0.0
-82.5°	28.6	18.2	7.8	0.0
-85°	18.2	13.0	5.2	0.0
-87.5°	10.4	5.2	2.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)