

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: P722198

Luminaire Tested: **IFLD-S-SA3C-830-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722198  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-830-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

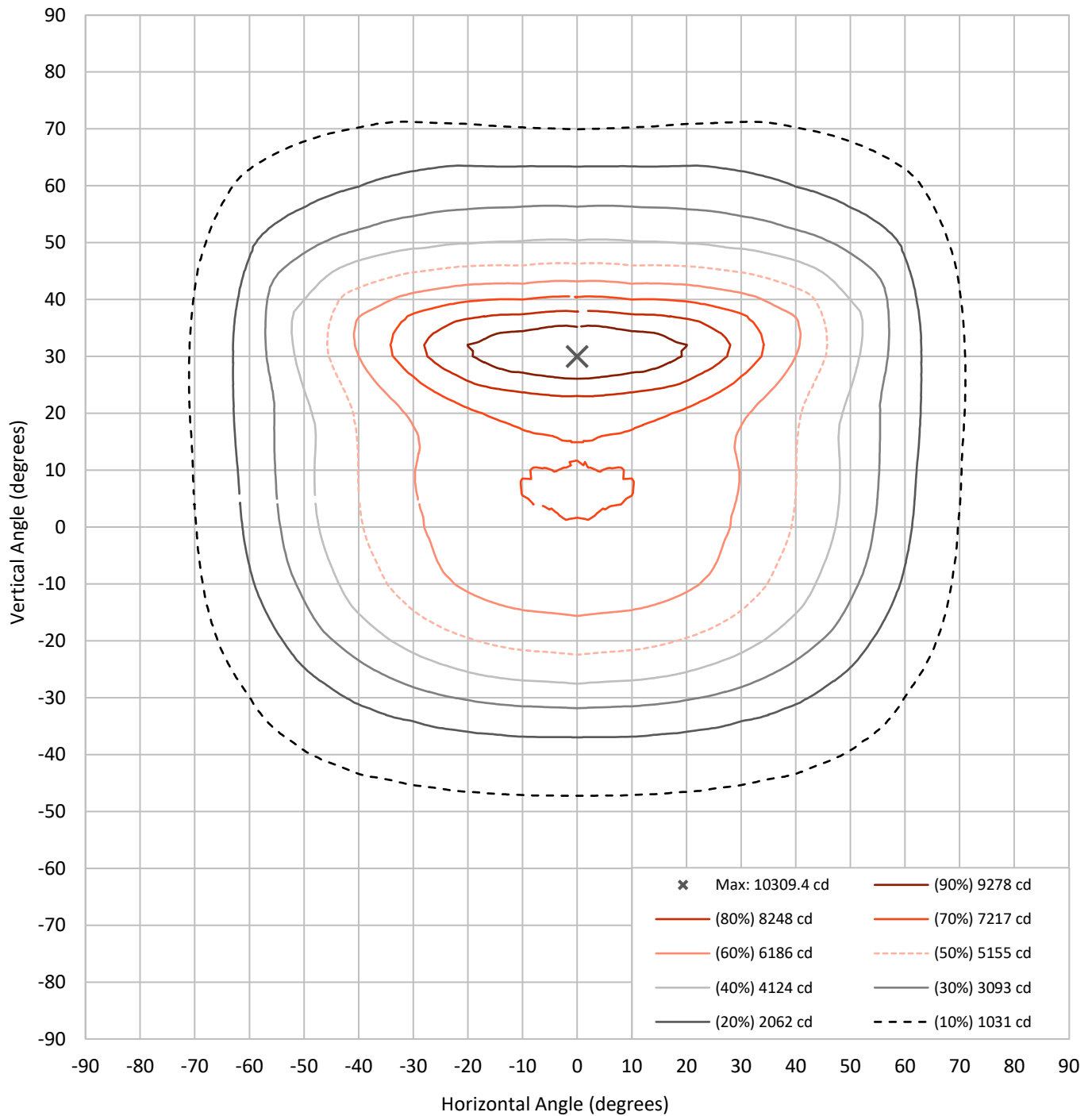
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17209.1 lumens	Max Intensity:	10309.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10007.3 lumens	Field Lumens:	16127.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 160.8  
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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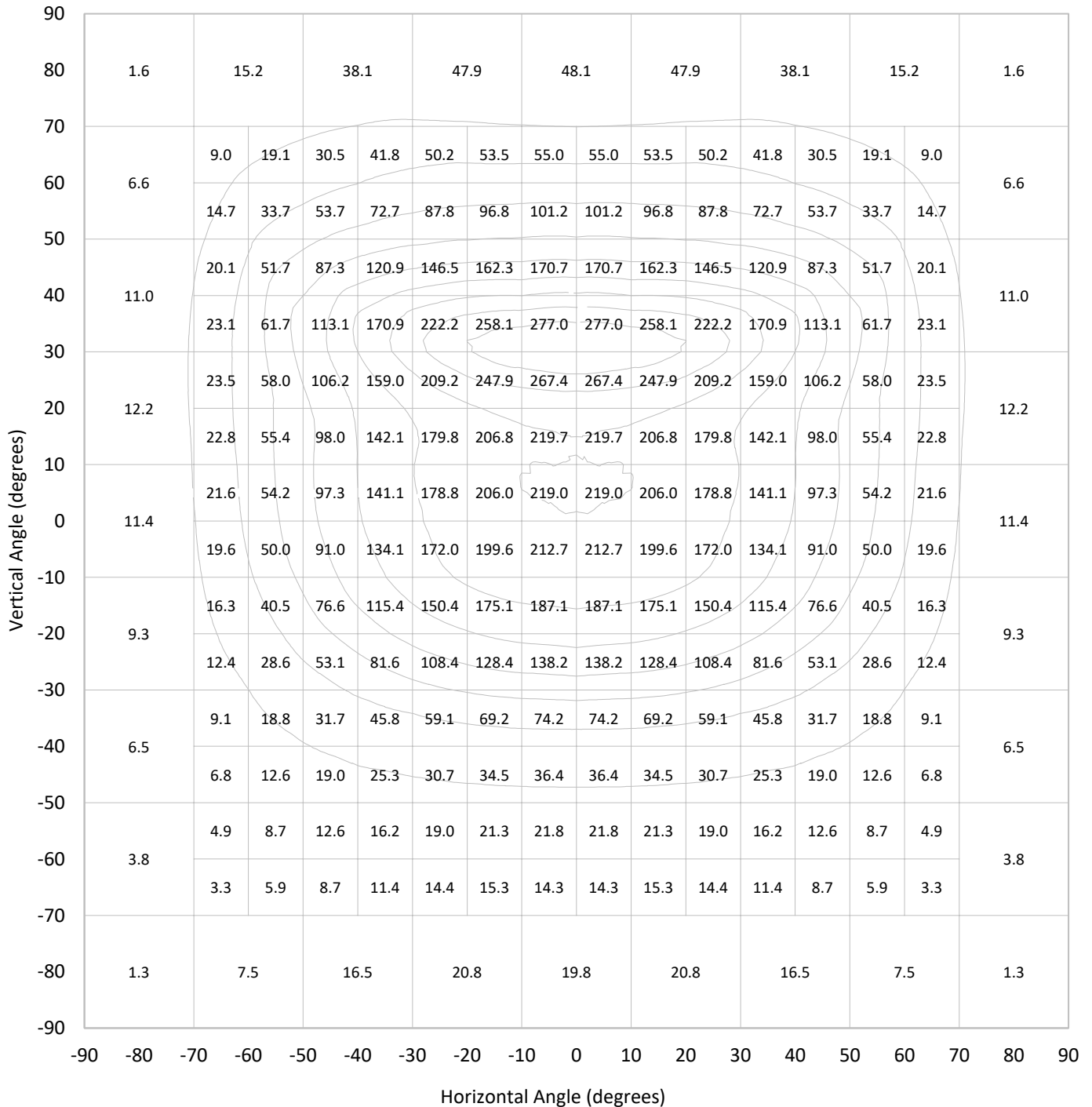
### Iso-Candela Plot





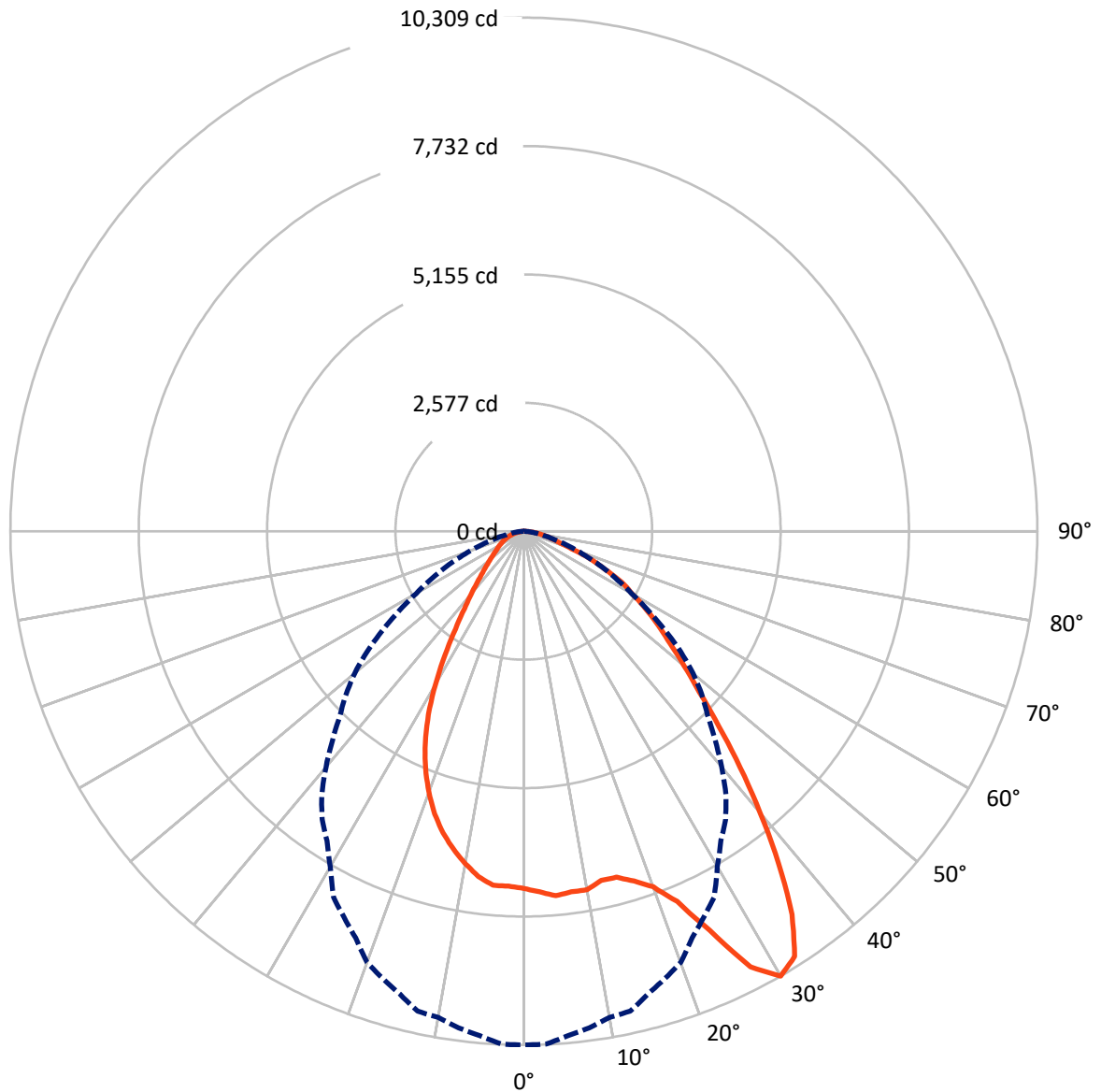
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### Lumen Table



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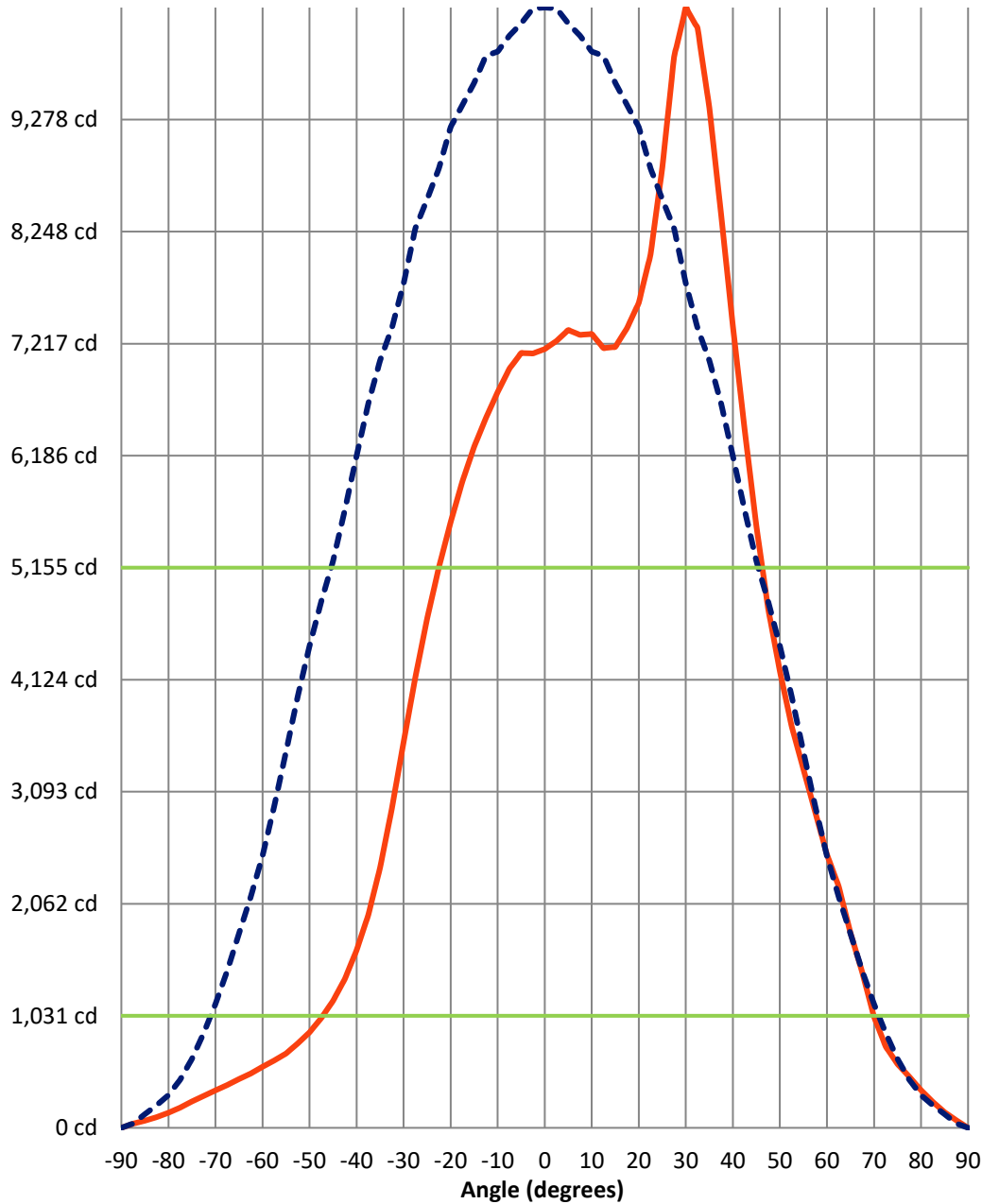
### Luminous Intensity Polar Plot



— 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: 10007.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16127.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1081.9  
 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°	69.3	71.1	72.9	72.9	71.1	71.1	71.1	69.3	71.1	71.1	71.1
85°	144.0	147.7	151.3	149.5	147.7	144.0	140.4	142.2	144.0	145.8	145.8
82.5°	238.8	244.3	247.9	246.1	242.5	238.8	235.2	237.0	240.6	242.5	242.5
80°	346.4	348.2	350.0	353.7	348.2	348.2	346.4	353.7	357.3	361.0	364.6
77.5°	470.4	472.2	472.2	474.0	475.8	477.6	477.6	490.4	499.5	505.0	510.5
75°	587.0	592.5	598.0	603.4	610.7	614.4	619.8	638.1	652.7	663.6	674.5
72.5°	747.5	754.8	763.9	776.6	789.4	798.5	811.3	833.1	849.5	860.5	873.2
70°	1022.7	1030.0	1039.1	1048.3	1061.0	1070.1	1082.9	1110.2	1126.7	1133.9	1141.2
67.5°	1431.1	1449.3	1465.7	1447.5	1438.4	1425.6	1429.3	1454.8	1471.2	1482.2	1480.3
65°	1793.9	1806.7	1806.7	1804.8	1797.5	1781.1	1790.3	1821.2	1839.5	1848.6	1821.2
62.5°	2220.5	2220.5	2211.4	2226.0	2227.8	2216.9	2211.4	2213.2	2215.0	2220.5	2174.9
60°	2515.8	2534.1	2539.5	2552.3	2555.9	2555.9	2565.1	2572.3	2572.3	2561.4	2508.5
57.5°	2906.0	2940.6	2947.9	2938.8	2920.6	2896.9	2893.2	2882.3	2860.4	2838.5	2813.0
55°	3299.8	3318.0	3316.2	3310.7	3292.5	3265.1	3268.8	3254.2	3219.5	3192.2	3157.6
52.5°	3695.4	3739.1	3746.4	3735.5	3709.9	3680.8	3682.6	3666.2	3631.6	3602.4	3555.0
50°	4200.3	4236.8	4233.2	4214.9	4178.5	4156.6	4158.4	4127.4	4087.3	4078.2	4016.2
47.5°	4778.3	4820.2	4812.9	4787.4	4738.2	4729.0	4738.2	4698.0	4674.3	4654.3	4581.4
45°	5536.7	5585.9	5558.5	5509.3	5430.9	5440.0	5452.8	5445.5	5394.5	5341.6	5248.6
42.5°	6426.3	6457.3	6424.5	6375.3	6276.8	6295.1	6287.8	6244.0	6213.0	6125.5	6007.0
40°	7378.0	7445.4	7394.4	7317.8	7215.7	7243.0	7223.0	7166.5	7093.6	6984.2	6834.7
37.5°	8404.3	8457.2	8398.9	8309.5	8218.4	8209.3	8169.2	8081.7	7977.7	7857.4	7618.6
35°	9387.0	9523.7	9416.1	9273.9	9162.7	9120.8	9082.5	8880.2	8761.7	8566.6	8240.3
32.5°	10118.0	10218.3	10085.2	9937.5	9802.6	9744.3	9609.4	9368.7	9304.9	8894.7	8595.8
30°	10309.4	10302.2	10163.6	10050.6	9904.7	9864.6	9616.7	9412.5	9208.3	8829.1	8544.7
27.5°	9853.7	9808.1	9675.0	9576.6	9432.6	9385.2	9140.9	9031.5	8716.1	8395.2	8154.6
25°	8838.2	8861.9	8761.7	8712.4	8617.6	8515.6	8418.9	8271.3	8074.4	7793.6	7573.0
22.5°	8037.9	8068.9	8027.0	7968.6	7895.7	7839.2	7766.3	7651.4	7461.8	7288.6	7080.8
20°	7593.1	7584.0	7547.5	7503.7	7434.5	7394.4	7314.1	7217.5	7071.7	6922.2	6698.0
17.5°	7359.7	7303.2	7268.6	7252.2	7215.7	7164.7	7069.9	6971.4	6858.4	6688.8	6524.8
15°	7186.5	7195.6	7168.3	7155.5	7126.4	7055.3	6958.7	6878.4	6725.3	6639.6	6490.1
12.5°	7175.6	7166.5	7168.3	7162.8	7126.4	7035.2	6986.0	6883.9	6785.5	6672.4	6501.1
10°	7305.0	7208.4	7215.7	7241.2	7182.9	7110.0	7057.1	6945.9	6852.9	6708.9	6539.3
7.5°	7297.7	7248.5	7263.1	7221.2	7239.4	7150.1	7077.2	6965.9	6849.3	6696.1	6543.0
5°	7341.5	7266.7	7254.0	7257.6	7212.1	7144.6	7046.2	6940.4	6831.0	6659.7	6502.9
2.5°	7241.2	7252.2	7193.8	7171.9	7166.5	7053.5	6962.3	6860.2	6747.2	6595.9	6455.5
0°	7166.5	7186.5	7126.4	7095.4	7093.6	6996.9	6938.6	6821.9	6741.7	6615.9	6446.4
-2.5°	7126.4	7150.1	7157.4	7100.9	7046.2	6971.4	6873.0	6747.2	6615.9	6470.1	6324.2
-5°	7130.0	7082.6	7062.6	7080.8	7033.4	6958.7	6849.3	6738.1	6608.6	6451.8	6269.5
-7.5°	6986.0	6938.6	6935.0	6925.8	6914.9	6843.8	6752.6	6632.3	6501.1	6355.2	6185.7
-10°	6770.9	6736.2	6727.1	6718.0	6688.8	6646.9	6561.2	6451.8	6333.3	6187.5	6007.0
-12.5°	6532.1	6515.6	6481.0	6457.3	6428.1	6378.9	6296.9	6196.6	6078.1	5948.7	5793.7
-15°	6267.7	6236.7	6202.1	6182.0	6140.1	6081.8	5999.7	5906.7	5777.3	5649.7	5503.8
-17.5°	5948.7	5910.4	5872.1	5866.6	5837.5	5748.1	5671.6	5558.5	5445.5	5323.4	5181.2
-20°	5573.1	5520.3	5494.7	5480.1	5440.0	5374.4	5292.4	5188.5	5079.1	4962.4	4798.3



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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°	5157.5	5111.9	5068.1	5040.8	5006.1	4955.1	4876.7	4785.6	4678.0	4546.7	4395.4
-25°	4685.3	4621.5	4594.1	4563.1	4544.9	4497.5	4420.9	4337.1	4225.9	4098.3	3954.2
-27.5°	4145.7	4094.6	4080.0	4036.3	4014.4	3965.2	3901.4	3823.0	3720.9	3600.6	3482.1
-30°	3549.5	3518.5	3494.8	3451.1	3434.7	3381.8	3339.9	3274.2	3181.3	3095.6	3000.8
-32.5°	2937.0	2906.0	2898.7	2878.6	2867.7	2833.0	2785.6	2738.2	2663.5	2599.7	2523.1
-35°	2393.7	2371.8	2373.6	2371.8	2360.9	2335.4	2277.0	2264.3	2209.6	2151.2	2102.0
-37.5°	1959.8	1961.6	1959.8	1958.0	1943.4	1932.5	1890.5	1874.1	1841.3	1784.8	1755.6
-40°	1633.5	1637.1	1635.3	1631.6	1615.2	1609.8	1582.4	1560.5	1547.8	1507.7	1476.7
-42.5°	1369.1	1374.6	1372.8	1370.9	1360.0	1358.2	1343.6	1318.1	1310.8	1287.1	1254.3
-45°	1168.6	1166.8	1163.1	1166.8	1161.3	1155.8	1146.7	1130.3	1121.2	1110.2	1082.9
-47.5°	1010.0	1011.8	1008.2	1008.2	1000.9	995.4	991.7	980.8	973.5	964.4	948.0
-50°	878.7	886.0	884.2	882.4	876.9	873.2	873.2	862.3	851.4	847.7	836.8
-52.5°	776.6	782.1	783.9	787.6	789.4	791.2	785.7	774.8	756.6	754.8	749.3
-55°	683.7	700.1	711.0	718.3	725.6	731.1	720.1	705.5	687.3	680.0	678.2
-57.5°	619.8	636.3	649.0	660.0	669.1	678.2	667.2	652.7	636.3	627.1	625.3
-60°	561.5	576.1	588.9	603.4	616.2	630.8	625.3	614.4	605.3	598.0	590.7
-62.5°	499.5	514.1	528.7	546.9	563.3	577.9	579.7	577.9	576.1	577.9	565.2
-65°	448.5	455.8	464.9	484.9	503.2	519.6	528.7	534.2	543.3	552.4	539.6
-67.5°	393.8	402.9	413.8	428.4	443.0	453.9	466.7	481.3	495.9	510.5	501.3
-70°	344.6	351.9	361.0	368.3	377.4	384.7	395.6	412.0	428.4	443.0	439.4
-72.5°	293.5	300.8	306.3	309.9	315.4	319.0	324.5	339.1	350.0	357.3	357.3
-75°	242.5	249.8	255.2	257.1	260.7	262.5	266.2	271.6	277.1	278.9	280.8
-77.5°	186.0	193.2	198.7	202.4	206.0	209.7	211.5	215.1	216.9	216.9	218.8
-80°	138.6	144.0	147.7	153.1	155.0	158.6	162.3	164.1	165.9	165.9	167.7
-82.5°	98.4	102.1	105.7	109.4	113.0	114.9	118.5	120.3	122.1	124.0	125.8
-85°	65.6	69.3	72.9	76.6	78.4	80.2	82.0	83.9	85.7	87.5	89.3
-87.5°	38.3	40.1	41.9	45.6	47.4	51.0	52.9	51.0	52.9	52.9	52.9
-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°	71.1	71.1	71.1	71.1	69.3	65.6	63.8	60.2	56.5	52.9	49.2
85°	147.7	149.5	149.5	149.5	145.8	144.0	138.6	133.1	125.8	114.9	105.7
82.5°	246.1	247.9	247.9	246.1	242.5	237.0	229.7	220.6	206.0	191.4	178.7
80°	370.1	371.9	371.9	370.1	361.0	351.9	342.7	331.8	313.6	293.5	271.6
77.5°	517.8	521.4	521.4	515.9	503.2	492.2	477.6	459.4	432.1	402.9	373.7
75°	689.1	698.2	700.1	694.6	678.2	658.1	634.4	603.4	561.5	525.0	490.4
72.5°	887.8	896.9	904.2	896.9	873.2	845.9	811.3	774.8	732.9	683.7	625.3
70°	1148.5	1157.6	1163.1	1139.4	1097.5	1051.9	1010.0	968.0	918.8	858.7	794.9
67.5°	1476.7	1467.6	1456.6	1409.2	1356.4	1301.7	1243.3	1181.3	1117.5	1053.7	979.0
65°	1792.1	1766.6	1742.9	1686.3	1618.9	1547.8	1480.3	1411.1	1334.5	1254.3	1183.2
62.5°	2123.9	2069.2	2010.8	1941.6	1872.3	1793.9	1726.4	1644.4	1558.7	1460.3	1369.1
60°	2450.2	2384.6	2326.2	2240.6	2149.4	2043.7	1970.7	1890.5	1790.3	1684.5	1577.0
57.5°	2765.6	2694.5	2630.7	2555.9	2457.5	2342.6	2262.4	2158.5	2052.8	1919.7	1810.3
55°	3101.0	3029.9	2978.9	2895.0	2787.5	2681.7	2594.2	2484.8	2337.2	2195.0	2060.1
52.5°	3485.7	3429.2	3374.5	3288.8	3159.4	3051.8	2955.2	2833.0	2678.1	2503.1	2340.8
50°	3916.0	3886.8	3828.4	3728.2	3580.5	3485.7	3358.1	3195.8	3029.9	2845.8	2643.4
47.5°	4486.6	4439.2	4357.1	4247.7	4123.8	3981.6	3810.2	3620.6	3385.4	3181.3	2966.1
45°	5168.4	5080.9	4975.2	4827.5	4674.3	4513.9	4326.1	4085.5	3770.1	3503.9	3277.9
42.5°	5906.7	5788.2	5644.2	5451.0	5252.3	5055.4	4853.0	4524.9	4131.1	3824.8	3569.6
40°	6677.9	6526.6	6346.1	6065.3	5844.8	5591.3	5359.8	4869.4	4450.1	4118.3	3846.7
37.5°	7432.6	7241.2	6938.6	6597.7	6340.6	6132.8	5624.2	5099.1	4723.6	4359.0	4083.7
35°	8010.6	7848.3	7314.1	6960.5	6739.9	6411.7	5775.5	5237.7	4840.2	4537.6	4109.2
32.5°	8353.3	7934.0	7465.5	7108.1	6925.8	6388.0	5786.4	5277.8	4894.9	4555.8	4043.6
30°	8276.7	7769.9	7359.7	7060.7	6665.1	6182.0	5684.3	5215.8	4843.9	4433.7	3970.6
27.5°	7815.5	7423.5	7057.1	6745.4	6357.0	5923.1	5463.7	5051.7	4705.3	4307.9	3870.4
25°	7294.1	6938.6	6667.0	6395.3	6027.1	5613.2	5208.5	4911.3	4563.1	4171.2	3739.1
22.5°	6814.6	6559.4	6346.1	6061.7	5702.6	5341.6	5090.0	4781.9	4424.6	4027.2	3604.2
20°	6508.4	6335.2	6090.9	5777.3	5494.7	5268.7	4989.7	4663.4	4295.1	3879.5	3489.4
17.5°	6360.7	6160.1	5888.5	5684.3	5467.4	5219.4	4907.7	4561.3	4169.4	3812.0	3502.1
15°	6284.1	6072.6	5894.0	5693.4	5449.2	5188.5	4842.1	4482.9	4169.4	3839.4	3511.2
12.5°	6300.5	6118.2	5923.1	5704.4	5441.9	5162.9	4849.4	4515.7	4191.2	3859.4	3513.1
10°	6351.6	6160.1	5952.3	5709.8	5445.5	5170.2	4869.4	4535.8	4202.2	3868.6	3509.4
7.5°	6369.8	6162.0	5939.6	5695.3	5436.4	5166.6	4873.1	4541.3	4204.0	3866.7	3498.5
5°	6313.3	6125.5	5910.4	5664.3	5410.9	5148.3	4858.5	4534.0	4189.4	3848.5	3471.1
2.5°	6236.7	6085.4	5879.4	5642.4	5385.3	5122.8	4834.8	4501.2	4156.6	3815.7	3436.5
0°	6224.0	6036.2	5828.3	5616.9	5343.4	5066.3	4780.1	4439.2	4096.4	3753.7	3376.3
-2.5°	6140.1	5941.4	5733.5	5503.8	5263.2	4984.3	4683.5	4349.8	4010.7	3673.5	3310.7
-5°	6076.3	5855.7	5635.1	5387.2	5144.7	4865.8	4554.0	4229.5	3897.7	3569.6	3219.5
-7.5°	5990.6	5764.5	5533.0	5274.1	5011.6	4727.2	4419.1	4094.6	3768.3	3442.0	3106.5
-10°	5817.4	5618.7	5401.8	5133.8	4856.7	4572.3	4266.0	3946.9	3620.6	3290.6	2953.4
-12.5°	5607.8	5398.1	5161.1	4915.0	4667.1	4402.7	4096.4	3782.9	3454.7	3122.9	2787.5
-15°	5336.1	5130.1	4887.6	4647.0	4408.2	4154.8	3885.0	3602.4	3268.8	2942.4	2607.0
-17.5°	4997.0	4803.8	4586.8	4357.1	4120.1	3864.9	3602.4	3363.6	3051.8	2745.5	2413.7
-20°	4632.4	4451.9	4256.9	4039.9	3802.9	3553.2	3305.2	3055.5	2785.6	2515.8	2207.7



REPORT NUMBER: P722198  
 CATALOG NUMBER: IFLD-S-SA3C-830-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4253.2	4070.9	3874.0	3671.7	3452.9	3221.4	2991.7	2752.8	2515.8	2271.5	2010.8
-25°	3815.7	3655.3	3474.8	3277.9	3082.8	2880.4	2661.7	2444.7	2242.4	2030.9	1817.6
-27.5°	3358.1	3210.4	3046.3	2875.0	2707.3	2537.7	2348.1	2147.6	1979.9	1804.8	1628.0
-30°	2876.8	2758.3	2625.2	2475.7	2346.3	2209.6	2051.0	1885.1	1731.9	1598.8	1456.6
-32.5°	2421.0	2320.8	2226.0	2127.5	1999.9	1894.2	1784.8	1662.6	1527.7	1401.9	1299.8
-35°	2029.1	1921.5	1881.4	1808.5	1717.3	1624.4	1544.1	1456.6	1354.5	1243.3	1159.5
-37.5°	1699.1	1635.3	1578.8	1538.7	1478.5	1403.8	1340.0	1276.1	1197.8	1113.9	1030.0
-40°	1442.0	1398.3	1336.3	1316.3	1278.0	1226.9	1161.3	1112.1	1059.2	995.4	924.3
-42.5°	1236.0	1203.2	1163.1	1128.5	1112.1	1075.6	1024.6	977.2	935.2	891.5	836.8
-45°	1066.5	1044.6	1019.1	988.1	975.3	946.2	909.7	856.8	833.1	796.7	756.6
-47.5°	929.8	918.8	900.6	880.5	862.3	840.4	807.6	774.8	742.0	718.3	687.3
-50°	822.2	814.9	804.0	787.6	763.9	749.3	727.4	698.2	667.2	647.2	625.3
-52.5°	736.5	729.2	721.9	709.2	690.9	676.4	658.1	634.4	608.9	588.9	570.6
-55°	670.9	660.0	654.5	643.5	629.0	612.6	596.1	579.7	557.9	539.6	521.4
-57.5°	619.8	605.3	598.0	588.9	574.3	557.9	545.1	528.7	514.1	494.1	477.6
-60°	579.7	563.3	548.7	539.6	526.9	510.5	497.7	484.9	470.4	453.9	433.9
-62.5°	546.9	526.9	506.8	495.9	483.1	468.5	455.8	443.0	428.4	412.0	393.8
-65°	515.9	492.2	466.7	455.8	443.0	428.4	412.0	402.9	390.1	375.6	357.3
-67.5°	477.6	452.1	430.2	417.5	404.7	392.0	377.4	368.3	355.5	337.3	319.0
-70°	421.1	404.7	390.1	379.2	368.3	357.3	342.7	328.2	313.6	297.2	280.8
-72.5°	350.0	344.6	342.7	337.3	324.5	311.7	297.2	282.6	269.8	257.1	244.3
-75°	282.6	286.2	289.9	288.0	275.3	262.5	249.8	237.0	227.9	216.9	206.0
-77.5°	224.2	227.9	231.5	231.5	222.4	215.1	206.0	196.9	189.6	180.5	169.5
-80°	173.2	178.7	184.1	187.8	180.5	175.0	167.7	160.4	153.1	145.8	138.6
-82.5°	131.3	136.7	142.2	145.8	140.4	136.7	131.3	125.8	120.3	113.0	107.6
-85°	94.8	98.4	102.1	103.9	100.3	96.6	93.0	89.3	85.7	80.2	76.6
-87.5°	54.7	56.5	58.3	60.2	56.5	52.9	51.0	47.4	45.6	41.9	40.1
-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-SA3C-830-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°	45.6	41.9	38.3	36.5	32.8	27.3	23.7	20.1	16.4	12.8	10.9
85°	96.6	87.5	76.6	71.1	63.8	56.5	49.2	41.9	34.6	27.3	20.1
82.5°	165.9	155.0	144.0	131.3	114.9	94.8	74.7	62.0	51.0	40.1	31.0
80°	249.8	229.7	211.5	195.1	176.8	151.3	124.0	98.4	69.3	52.9	40.1
77.5°	346.4	322.7	297.2	269.8	240.6	206.0	175.0	142.2	107.6	72.9	51.0
75°	455.8	424.8	390.1	351.9	313.6	268.0	224.2	186.0	145.8	102.1	62.0
72.5°	577.9	539.6	497.7	446.7	386.5	333.6	280.8	229.7	182.3	129.4	83.9
70°	734.7	674.5	612.6	557.9	481.3	397.4	335.4	277.1	216.9	158.6	105.7
67.5°	902.4	829.5	754.8	674.5	577.9	479.5	390.1	324.5	253.4	186.0	125.8
65°	1084.7	993.6	898.8	809.4	676.4	559.7	459.4	370.1	288.0	211.5	145.8
62.5°	1272.5	1164.9	1055.6	938.9	785.7	641.7	525.0	421.1	320.9	235.2	164.1
60°	1473.0	1347.2	1214.2	1068.3	889.7	731.1	587.0	474.0	355.5	258.9	184.1
57.5°	1684.5	1547.8	1391.0	1194.1	997.2	816.7	658.1	521.4	386.5	280.8	198.7
55°	1914.2	1757.4	1586.1	1325.4	1103.0	902.4	729.2	568.8	419.3	299.0	213.3
52.5°	2162.2	1979.9	1762.9	1463.9	1214.2	989.9	794.9	610.7	450.3	319.0	226.1
50°	2439.3	2209.6	1917.9	1591.5	1310.8	1072.0	860.5	656.3	475.8	340.9	237.0
47.5°	2727.3	2479.4	2056.4	1710.0	1409.2	1152.2	927.9	696.4	501.3	359.1	247.9
45°	3028.1	2667.1	2200.4	1815.8	1494.9	1225.1	979.0	732.9	532.3	375.6	257.1
42.5°	3325.3	2809.3	2326.2	1921.5	1575.1	1290.7	1020.9	767.5	557.9	392.0	266.2
40°	3465.7	2916.9	2426.5	1994.4	1642.6	1349.1	1057.4	798.5	579.7	402.9	275.3
37.5°	3524.0	2982.5	2492.1	2063.7	1695.5	1380.1	1088.4	825.8	598.0	413.8	282.6
35°	3536.8	3006.2	2524.9	2111.1	1739.2	1409.2	1112.1	845.9	612.6	424.8	289.9
32.5°	3513.1	2998.9	2534.1	2127.5	1766.6	1431.1	1128.5	860.5	623.5	435.7	297.2
30°	3460.2	2960.7	2501.2	2125.7	1786.6	1443.9	1139.4	871.4	634.4	443.0	300.8
27.5°	3374.5	2893.2	2459.3	2127.5	1797.5	1449.3	1144.9	876.9	641.7	448.5	308.1
25°	3268.8	2802.1	2461.1	2123.9	1799.4	1451.2	1144.9	876.9	643.5	450.3	313.6
22.5°	3146.6	2802.1	2461.1	2118.4	1788.4	1447.5	1139.4	873.2	643.5	453.9	319.0
20°	3153.9	2803.9	2455.7	2107.5	1772.0	1436.6	1126.7	864.1	638.1	459.4	322.7
17.5°	3159.4	2800.2	2444.7	2092.9	1750.1	1418.3	1110.2	851.4	638.1	464.9	324.5
15°	3159.4	2789.3	2428.3	2071.0	1722.8	1392.8	1086.5	840.4	639.9	466.7	328.2
12.5°	3153.9	2769.2	2402.8	2041.8	1690.0	1361.8	1072.0	836.8	639.9	468.5	328.2
10°	3143.0	2741.9	2370.0	2005.4	1659.0	1350.9	1064.7	829.5	636.3	468.5	328.2
7.5°	3122.9	2709.1	2342.6	1983.5	1640.8	1338.1	1053.7	818.6	630.8	464.9	331.8
5°	3091.9	2690.8	2320.8	1958.0	1615.2	1329.0	1046.4	809.4	627.1	464.9	328.2
2.5°	3051.8	2669.0	2295.2	1925.2	1586.1	1298.0	1022.7	789.4	614.4	457.6	324.5
0°	2986.2	2625.2	2251.5	1879.6	1546.0	1267.0	999.0	769.3	601.6	450.3	320.9
-2.5°	2926.0	2566.9	2195.0	1832.2	1507.7	1239.7	980.8	758.4	596.1	448.5	319.0
-5°	2842.2	2486.7	2120.2	1770.2	1456.6	1212.3	962.6	745.6	590.7	444.8	319.0
-7.5°	2749.2	2402.8	2041.8	1706.4	1405.6	1164.9	927.9	725.6	577.9	437.5	317.2
-10°	2605.2	2277.0	1943.4	1633.5	1350.9	1123.0	898.8	707.4	567.0	430.2	309.9
-12.5°	2452.0	2138.5	1830.4	1544.1	1288.9	1079.3	866.0	687.3	554.2	423.0	306.3
-15°	2289.8	1996.3	1711.9	1451.2	1221.5	1026.4	831.3	665.4	541.5	413.8	300.8
-17.5°	2120.2	1846.8	1589.7	1356.4	1154.0	971.7	794.9	645.4	526.9	404.7	295.3
-20°	1941.6	1693.6	1465.7	1259.7	1082.9	917.0	756.6	621.7	510.5	393.8	288.0



REPORT NUMBER: P722198  
 CATALOG NUMBER: IFLD-S-SA3C-830-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1764.7	1542.3	1338.1	1164.9	1010.0	860.5	718.3	598.0	492.2	381.0	282.6
-25°	1607.9	1400.1	1225.1	1073.8	938.9	805.8	678.2	574.3	472.2	368.3	275.3
-27.5°	1454.8	1278.0	1113.9	988.1	869.6	752.9	639.9	548.7	452.1	353.7	268.0
-30°	1312.6	1161.3	1026.4	904.2	804.0	705.5	607.1	523.2	430.2	339.1	258.9
-32.5°	1183.2	1061.0	948.0	831.3	742.0	658.1	576.1	497.7	408.4	324.5	249.8
-35°	1062.8	968.0	869.6	771.2	680.0	614.4	543.3	470.4	388.3	308.1	240.6
-37.5°	955.3	878.7	800.3	716.5	638.1	572.4	512.3	443.0	368.3	293.5	231.5
-40°	862.3	800.3	731.1	663.6	598.0	536.0	481.3	415.7	348.2	282.6	222.4
-42.5°	776.6	729.2	672.7	616.2	557.9	503.2	450.3	386.5	328.2	269.8	213.3
-45°	711.0	663.6	618.0	567.0	517.8	470.4	417.5	361.0	309.9	255.2	204.2
-47.5°	649.0	607.1	565.2	523.2	483.1	439.4	386.5	339.1	289.9	242.5	196.9
-50°	594.3	554.2	517.8	481.3	446.7	404.7	355.5	317.2	273.5	229.7	187.8
-52.5°	543.3	508.6	472.2	443.0	413.8	371.9	331.8	295.3	257.1	215.1	178.7
-55°	497.7	464.9	432.1	404.7	377.4	340.9	308.1	277.1	240.6	204.2	169.5
-57.5°	453.9	426.6	395.6	370.1	342.7	313.6	286.2	257.1	224.2	193.2	160.4
-60°	413.8	388.3	361.0	335.4	311.7	288.0	262.5	238.8	209.7	180.5	151.3
-62.5°	373.7	351.9	328.2	302.6	284.4	262.5	242.5	218.8	195.1	169.5	134.9
-65°	337.3	317.2	295.3	273.5	257.1	240.6	222.4	200.5	180.5	156.8	120.3
-67.5°	300.8	282.6	264.3	246.1	231.5	218.8	200.5	184.1	167.7	142.2	105.7
-70°	266.2	251.6	235.2	220.6	209.7	195.1	182.3	167.7	153.1	124.0	89.3
-72.5°	233.4	218.8	206.0	195.1	186.0	173.2	162.3	151.3	131.3	103.9	74.7
-75°	195.1	186.0	178.7	169.5	160.4	151.3	142.2	129.4	109.4	83.9	58.3
-77.5°	160.4	155.0	149.5	142.2	134.9	127.6	116.7	103.9	87.5	65.6	47.4
-80°	131.3	125.8	122.1	114.9	109.4	102.1	91.2	80.2	63.8	51.0	38.3
-82.5°	100.3	96.6	93.0	89.3	83.9	76.6	65.6	56.5	47.4	38.3	29.2
-85°	71.1	69.3	65.6	62.0	56.5	51.0	43.8	38.3	32.8	25.5	20.1
-87.5°	36.5	34.6	32.8	31.0	29.2	25.5	21.9	18.2	16.4	12.8	9.1
-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: P722198  
 CATALOG NUMBER: IFLD-S-SA3C-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.3	5.5	1.8	0.0
85°	14.6	9.1	3.6	0.0
82.5°	21.9	14.6	5.5	0.0
80°	29.2	18.2	9.1	0.0
77.5°	36.5	21.9	10.9	0.0
75°	43.8	27.3	12.8	0.0
72.5°	49.2	31.0	14.6	0.0
70°	58.3	36.5	16.4	0.0
67.5°	72.9	40.1	18.2	0.0
65°	85.7	43.8	20.1	0.0
62.5°	100.3	47.4	21.9	0.0
60°	113.0	51.0	23.7	0.0
57.5°	125.8	60.2	25.5	0.0
55°	136.7	67.5	27.3	0.0
52.5°	149.5	74.7	29.2	0.0
50°	160.4	82.0	31.0	0.0
47.5°	169.5	89.3	31.0	0.0
45°	176.8	94.8	32.8	0.0
42.5°	182.3	100.3	34.6	0.0
40°	187.8	105.7	36.5	0.0
37.5°	193.2	111.2	36.5	0.0
35°	198.7	116.7	38.3	0.0
32.5°	204.2	122.1	38.3	0.0
30°	207.8	125.8	40.1	0.0
27.5°	213.3	129.4	40.1	0.0
25°	215.1	133.1	41.9	0.0
22.5°	218.8	134.9	41.9	0.0
20°	222.4	138.6	41.9	0.0
17.5°	224.2	140.4	43.8	0.0
15°	224.2	142.2	45.6	0.0
12.5°	226.1	144.0	45.6	0.0
10°	226.1	147.7	43.8	0.0
7.5°	229.7	145.8	43.8	0.0
5°	227.9	145.8	43.8	0.0
2.5°	226.1	144.0	43.8	0.0
0°	224.2	144.0	43.8	0.0
-2.5°	224.2	144.0	43.8	0.0
-5°	224.2	144.0	43.8	0.0
-7.5°	222.4	145.8	43.8	0.0
-10°	218.8	145.8	43.8	0.0
-12.5°	216.9	140.4	43.8	0.0
-15°	215.1	138.6	43.8	0.0
-17.5°	211.5	136.7	41.9	0.0
-20°	207.8	134.9	41.9	0.0



REPORT NUMBER: P722198  
 CATALOG NUMBER: IFLD-S-SA3C-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	204.2	131.3	41.9	0.0
-25°	200.5	127.6	40.1	0.0
-27.5°	196.9	124.0	40.1	0.0
-30°	191.4	120.3	38.3	0.0
-32.5°	186.0	116.7	38.3	0.0
-35°	182.3	111.2	36.5	0.0
-37.5°	176.8	105.7	36.5	0.0
-40°	171.4	100.3	34.6	0.0
-42.5°	165.9	94.8	32.8	0.0
-45°	158.6	89.3	32.8	0.0
-47.5°	153.1	83.9	31.0	0.0
-50°	144.0	76.6	29.2	0.0
-52.5°	133.1	69.3	27.3	0.0
-55°	122.1	63.8	25.5	0.0
-57.5°	111.2	56.5	25.5	0.0
-60°	100.3	49.2	23.7	0.0
-62.5°	89.3	45.6	21.9	0.0
-65°	78.4	41.9	20.1	0.0
-67.5°	65.6	36.5	18.2	0.0
-70°	54.7	32.8	16.4	0.0
-72.5°	47.4	29.2	14.6	0.0
-75°	40.1	25.5	12.8	0.0
-77.5°	34.6	21.9	10.9	0.0
-80°	27.3	16.4	7.3	0.0
-82.5°	20.1	12.8	5.5	0.0
-85°	12.8	9.1	3.6	0.0
-87.5°	7.3	3.6	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)