

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: P722054

Luminaire Tested: **IFLD-S-SA3D-735-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722054  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-735-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

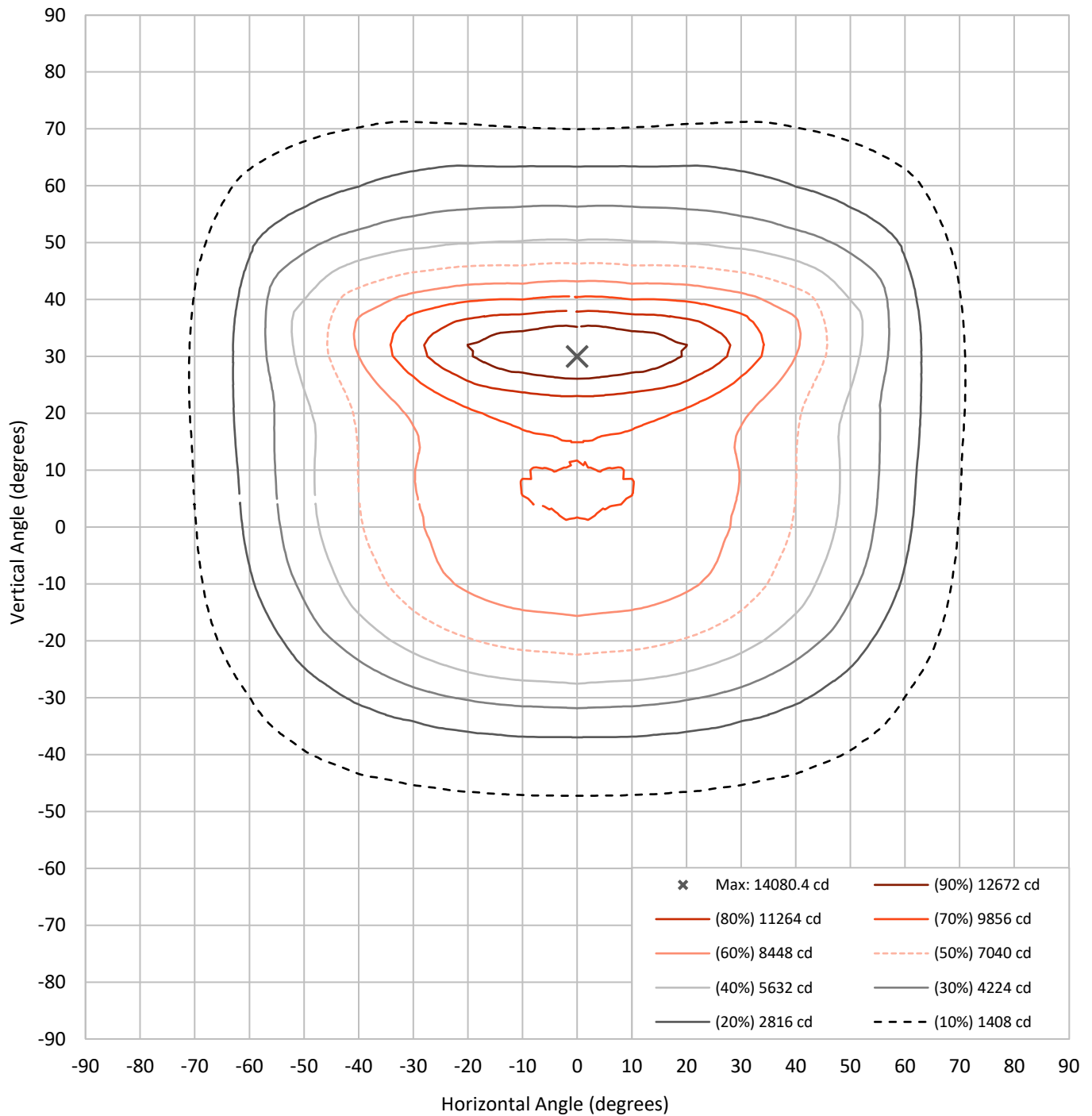
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23503.8 lumens	Max Intensity:	14080.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13667.7 lumens	Field Lumens:	22026.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 184.1  
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



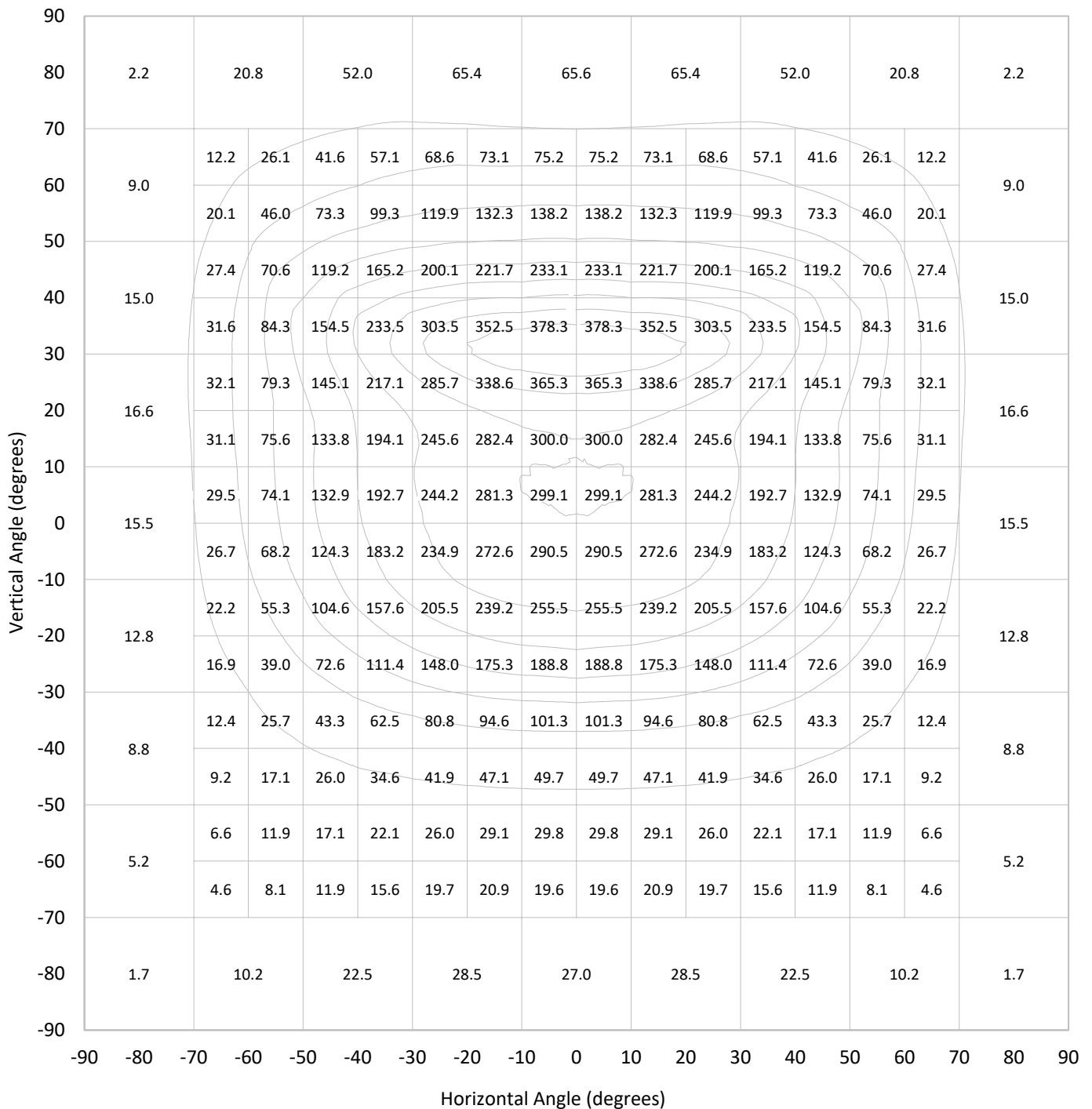
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### Iso-Candela Plot



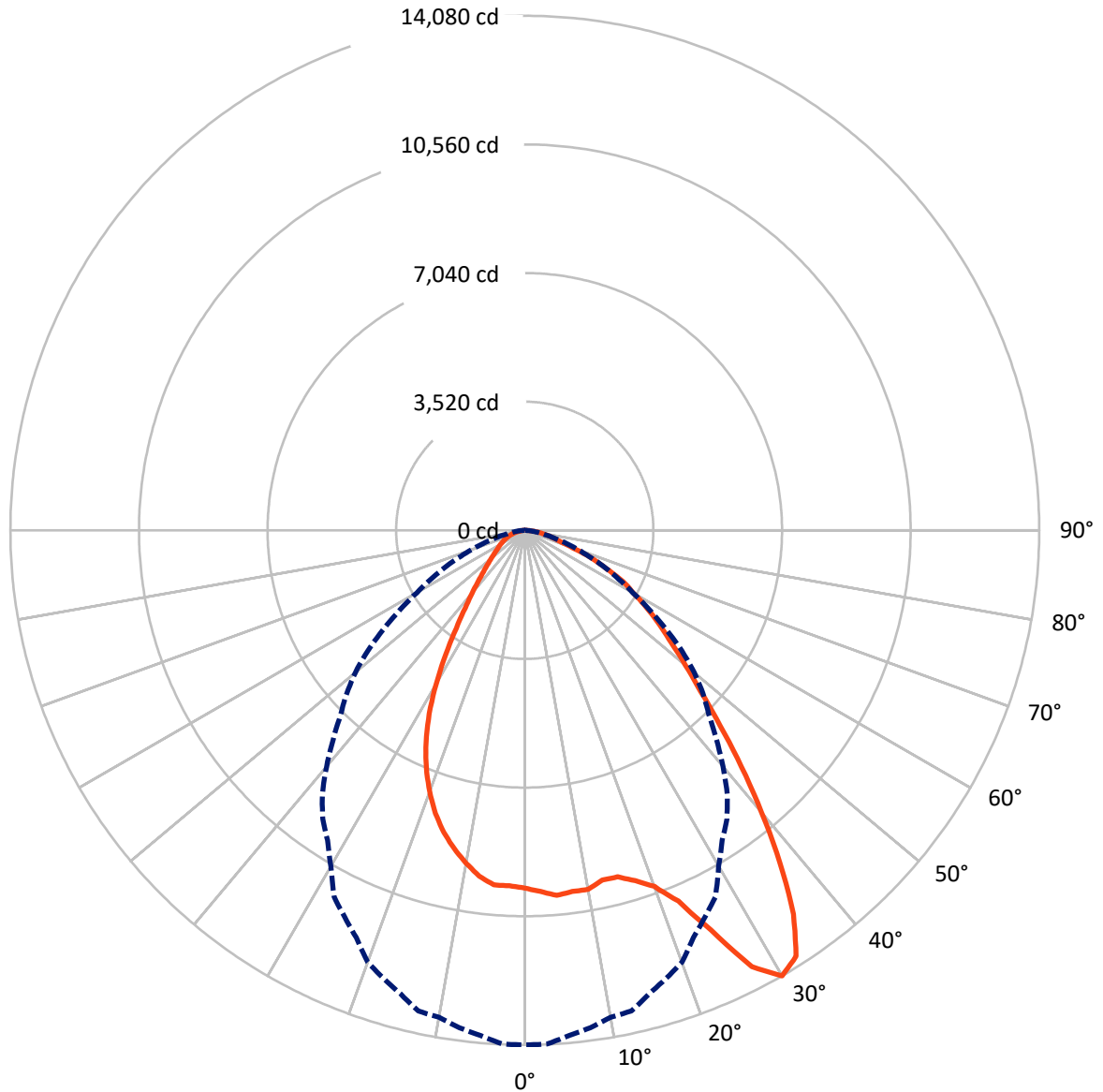
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### Lumen Table



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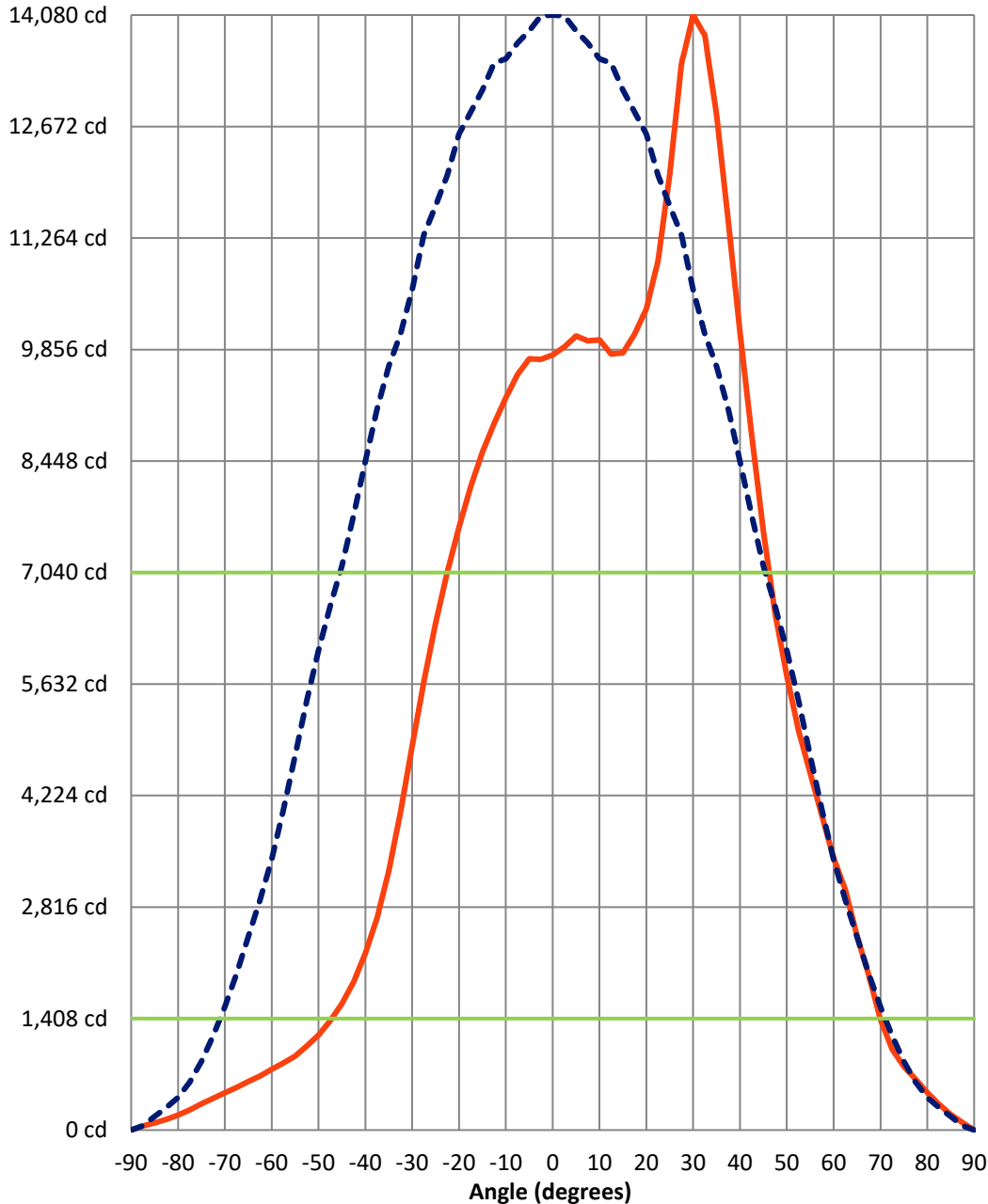
### Luminous Intensity Polar Plot



— 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: 13667.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 22026.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1477.7  
 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°	94.6	97.1	99.6	99.6	97.1	97.1	97.1	94.6	97.1	97.1	97.1
85°	196.7	201.7	206.7	204.2	201.7	196.7	191.7	194.2	196.7	199.2	199.2
82.5°	326.2	333.6	338.6	336.1	331.2	326.2	321.2	323.7	328.7	331.2	331.2
80°	473.1	475.6	478.1	483.0	475.6	475.6	473.1	483.0	488.0	493.0	498.0
77.5°	642.4	644.9	644.9	647.4	649.9	652.4	652.4	669.8	682.2	689.7	697.2
75°	801.8	809.2	816.7	824.2	834.1	839.1	846.6	871.5	891.4	906.3	921.3
72.5°	1020.9	1030.8	1043.3	1060.7	1078.1	1090.6	1108.0	1137.9	1160.3	1175.2	1192.7
70°	1396.8	1406.8	1419.2	1431.7	1449.1	1461.6	1479.0	1516.4	1538.8	1548.7	1558.7
67.5°	1954.6	1979.5	2001.9	1977.0	1964.5	1947.1	1952.1	1986.9	2009.4	2024.3	2021.8
65°	2450.1	2467.5	2467.5	2465.0	2455.0	2432.6	2445.1	2487.4	2512.3	2524.8	2487.4
62.5°	3032.7	3032.7	3020.3	3040.2	3042.7	3027.7	3020.3	3022.7	3025.2	3032.7	2970.5
60°	3436.1	3461.0	3468.4	3485.9	3490.9	3490.9	3503.3	3513.3	3513.3	3498.3	3426.1
57.5°	3968.9	4016.2	4026.2	4013.7	3988.8	3956.5	3951.5	3936.5	3906.7	3876.8	3841.9
55°	4506.7	4531.6	4529.1	4521.7	4496.8	4459.4	4464.4	4444.5	4397.2	4359.8	4312.5
52.5°	5047.0	5106.8	5116.8	5101.8	5067.0	5027.1	5029.6	5007.2	4959.9	4920.1	4855.3
50°	5736.7	5786.5	5781.6	5756.7	5706.9	5677.0	5679.5	5637.2	5582.4	5569.9	5485.3
47.5°	6526.0	6583.3	6573.4	6538.5	6471.3	6458.8	6471.3	6416.5	6384.1	6356.7	6257.1
45°	7561.9	7629.1	7591.7	7524.5	7417.4	7429.9	7447.3	7437.4	7367.6	7295.4	7168.4
42.5°	8776.9	8819.3	8774.4	8707.2	8572.8	8597.7	8587.7	8527.9	8485.6	8366.1	8204.2
40°	10076.7	10168.8	10099.1	9994.5	9855.1	9892.4	9865.0	9787.8	9688.2	9538.8	9334.7
37.5°	11478.5	11550.7	11471.0	11349.0	11224.5	11212.1	11157.3	11037.8	10895.8	10731.5	10405.3
35°	12820.5	13007.3	12860.4	12666.2	12514.3	12457.0	12404.7	12128.3	11966.5	11700.1	11254.4
32.5°	13819.0	13955.9	13774.2	13572.5	13388.2	13308.6	13124.3	12795.6	12708.5	12148.3	11739.9
30°	14080.4	14070.5	13881.2	13726.9	13527.7	13472.9	13134.3	12855.4	12576.5	12058.6	11670.2
27.5°	13458.0	13395.7	13213.9	13079.5	12882.8	12818.0	12484.4	12335.0	11904.3	11466.0	11137.4
25°	12071.1	12103.4	11966.5	11899.3	11769.8	11630.4	11498.4	11296.7	11027.8	10644.4	10343.1
22.5°	10978.0	11020.3	10963.1	10883.4	10783.8	10706.6	10607.0	10450.1	10191.2	9954.7	9670.8
20°	10370.5	10358.0	10308.2	10248.5	10153.8	10099.1	9989.5	9857.5	9658.4	9454.2	9147.9
17.5°	10051.8	9974.6	9927.3	9904.9	9855.1	9785.3	9655.9	9521.4	9367.0	9135.5	8911.4
15°	9815.2	9827.7	9790.3	9772.9	9733.1	9635.9	9504.0	9394.4	9185.3	9068.2	8864.1
12.5°	9800.3	9787.8	9790.3	9782.9	9733.1	9608.6	9541.3	9401.9	9267.4	9113.1	8879.0
10°	9977.1	9845.1	9855.1	9889.9	9810.2	9710.6	9638.4	9486.6	9359.6	9162.9	8931.3
7.5°	9967.1	9899.9	9919.8	9862.5	9887.4	9765.4	9665.8	9513.9	9354.6	9145.4	8936.3
5°	10026.9	9924.8	9907.3	9912.3	9850.1	9758.0	9623.5	9479.1	9329.7	9095.6	8881.5
2.5°	9889.9	9904.9	9825.2	9795.3	9787.8	9633.5	9509.0	9369.5	9215.2	9008.5	8816.8
0°	9787.8	9815.2	9733.1	9690.7	9688.2	9556.3	9476.6	9317.2	9207.7	9035.9	8804.3
-2.5°	9733.1	9765.4	9775.4	9698.2	9623.5	9521.4	9387.0	9215.2	9035.9	8836.7	8637.5
-5°	9738.0	9673.3	9645.9	9670.8	9606.1	9504.0	9354.6	9202.7	9025.9	8811.8	8562.8
-7.5°	9541.3	9476.6	9471.6	9459.2	9444.2	9347.1	9222.6	9058.3	8879.0	8679.8	8448.3
-10°	9247.5	9200.2	9187.8	9175.3	9135.5	9078.2	8961.2	8811.8	8649.9	8450.7	8204.2
-12.5°	8921.3	8898.9	8851.6	8819.3	8779.4	8712.2	8600.1	8463.2	8301.4	8124.6	7912.9
-15°	8560.3	8518.0	8470.7	8443.3	8386.0	8306.3	8194.3	8067.3	7890.5	7716.2	7517.0
-17.5°	8124.6	8072.3	8020.0	8012.5	7972.7	7850.7	7746.1	7591.7	7437.4	7270.5	7076.3
-20°	7611.7	7539.4	7504.6	7484.7	7429.9	7340.3	7228.2	7086.3	6936.9	6777.5	6553.4



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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°	7044.0	6981.7	6921.9	6884.6	6837.3	6767.6	6660.5	6536.0	6389.1	6209.8	6003.2
-25°	6399.1	6311.9	6274.6	6232.2	6207.3	6142.6	6038.0	5923.5	5771.6	5597.3	5400.6
-27.5°	5662.1	5592.3	5572.4	5512.7	5482.8	5415.6	5328.4	5221.3	5081.9	4917.6	4755.7
-30°	4847.9	4805.5	4773.2	4713.4	4691.0	4618.8	4561.5	4471.9	4344.9	4227.9	4098.4
-32.5°	4011.2	3968.9	3959.0	3931.6	3916.6	3869.3	3804.6	3739.8	3637.8	3550.6	3446.0
-35°	3269.2	3239.4	3241.9	3239.4	3224.4	3189.6	3109.9	3092.5	3017.8	2938.1	2870.9
-37.5°	2676.7	2679.1	2676.7	2674.2	2654.2	2639.3	2582.0	2559.6	2514.8	2437.6	2397.8
-40°	2231.0	2235.9	2233.4	2228.5	2206.1	2198.6	2161.2	2131.4	2113.9	2059.2	2016.8
-42.5°	1869.9	1877.4	1874.9	1872.4	1857.5	1855.0	1835.1	1800.2	1790.2	1757.9	1713.1
-45°	1596.0	1593.5	1588.6	1593.5	1586.1	1578.6	1566.2	1543.7	1531.3	1516.4	1479.0
-47.5°	1379.4	1381.9	1376.9	1376.9	1367.0	1359.5	1354.5	1339.6	1329.6	1317.2	1294.8
-50°	1200.1	1210.1	1207.6	1205.1	1197.6	1192.7	1192.7	1177.7	1162.8	1157.8	1142.9
-52.5°	1060.7	1068.2	1070.7	1075.6	1078.1	1080.6	1073.2	1058.2	1033.3	1030.8	1023.4
-55°	933.7	956.1	971.1	981.0	991.0	998.5	983.5	963.6	938.7	928.7	926.2
-57.5°	846.6	869.0	886.4	901.3	913.8	926.2	911.3	891.4	869.0	856.5	854.0
-60°	766.9	786.8	804.2	824.2	841.6	861.5	854.0	839.1	826.6	816.7	806.7
-62.5°	682.2	702.2	722.1	747.0	769.4	789.3	791.8	789.3	786.8	789.3	771.9
-65°	612.5	622.5	634.9	662.3	687.2	709.6	722.1	729.5	742.0	754.4	737.0
-67.5°	537.8	550.3	565.2	585.1	605.0	620.0	637.4	657.3	677.3	697.2	684.7
-70°	470.6	480.6	493.0	503.0	515.4	525.4	540.3	562.7	585.1	605.0	600.1
-72.5°	400.9	410.8	418.3	423.3	430.8	435.7	443.2	463.1	478.1	488.0	488.0
-75°	331.2	341.1	348.6	351.1	356.1	358.5	363.5	371.0	378.5	381.0	383.4
-77.5°	254.0	263.9	271.4	276.4	281.4	286.3	288.8	293.8	296.3	296.3	298.8
-80°	189.2	196.7	201.7	209.2	211.6	216.6	221.6	224.1	226.6	226.6	229.1
-82.5°	134.5	139.4	144.4	149.4	154.4	156.9	161.8	164.3	166.8	169.3	171.8
-85°	89.6	94.6	99.6	104.6	107.1	109.6	112.0	114.5	117.0	119.5	122.0
-87.5°	52.3	54.8	57.3	62.2	64.7	69.7	72.2	69.7	72.2	72.2	72.2
-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°	97.1	97.1	97.1	97.1	94.6	89.6	87.1	82.2	77.2	72.2	67.2
85°	201.7	204.2	204.2	204.2	199.2	196.7	189.2	181.8	171.8	156.9	144.4
82.5°	336.1	338.6	338.6	336.1	331.2	323.7	313.7	301.3	281.4	261.4	244.0
80°	505.5	507.9	507.9	505.5	493.0	480.6	468.1	453.2	428.3	400.9	371.0
77.5°	707.1	712.1	712.1	704.6	687.2	672.3	652.4	627.5	590.1	550.3	510.4
75°	941.2	953.6	956.1	948.7	926.2	898.9	866.5	824.2	766.9	717.1	669.8
72.5°	1212.6	1225.0	1235.0	1225.0	1192.7	1155.3	1108.0	1058.2	1000.9	933.7	854.0
70°	1568.6	1581.1	1588.6	1556.2	1498.9	1436.7	1379.4	1322.1	1254.9	1172.7	1085.6
67.5°	2016.8	2004.4	1989.4	1924.7	1852.5	1777.8	1698.1	1613.5	1526.3	1439.2	1337.1
65°	2447.6	2412.7	2380.4	2303.2	2211.0	2113.9	2021.8	1927.2	1822.6	1713.1	1616.0
62.5°	2900.7	2826.0	2746.4	2651.8	2557.1	2450.1	2357.9	2245.9	2128.9	1994.4	1869.9
60°	3346.4	3256.8	3177.1	3060.1	2935.6	2791.2	2691.6	2582.0	2445.1	2300.7	2153.8
57.5°	3777.2	3680.1	3592.9	3490.9	3356.4	3199.5	3090.0	2948.1	2803.6	2621.9	2472.5
55°	4235.3	4138.2	4068.5	3954.0	3807.1	3662.7	3543.1	3393.7	3192.1	2997.8	2813.6
52.5°	4760.7	4683.5	4608.8	4491.8	4315.0	4168.1	4036.1	3869.3	3657.7	3418.6	3197.0
50°	5348.3	5308.5	5228.8	5091.9	4890.2	4760.7	4586.4	4364.8	4138.2	3886.7	3610.4
47.5°	6127.7	6062.9	5950.9	5801.5	5632.2	5438.0	5203.9	4945.0	4623.8	4344.9	4051.1
45°	7058.9	6939.4	6795.0	6593.3	6384.1	6165.0	5908.6	5579.9	5149.1	4785.6	4476.9
42.5°	8067.3	7905.5	7708.8	7444.8	7173.4	6904.5	6628.1	6180.0	5642.1	5223.8	4875.2
40°	9120.5	8913.9	8667.4	8283.9	7982.6	7636.5	7320.3	6650.5	6077.9	5624.7	5253.7
37.5°	10151.4	9889.9	9476.6	9011.0	8659.9	8376.1	7681.4	6964.3	6451.4	5953.4	5577.4
35°	10940.7	10719.1	9989.5	9506.5	9205.2	8757.0	7888.0	7153.5	6610.7	6197.4	5612.3
32.5°	11408.8	10836.1	10196.2	9708.2	9459.2	8724.6	7903.0	7208.3	6685.4	6222.3	5522.6
30°	11304.2	10612.0	10051.8	9643.4	9103.1	8443.3	7763.5	7123.6	6615.7	6055.5	5423.0
27.5°	10674.2	10138.9	9638.4	9212.7	8682.3	8089.7	7462.3	6899.5	6426.5	5883.7	5286.1
25°	9962.1	9476.6	9105.6	8734.6	8231.6	7666.4	7113.7	6707.8	6232.2	5696.9	5106.8
22.5°	9307.3	8958.7	8667.4	8278.9	7788.4	7295.4	6951.8	6531.0	6043.0	5500.2	4922.5
20°	8889.0	8652.4	8318.8	7890.5	7504.6	7195.8	6814.9	6369.2	5866.2	5298.5	4765.7
17.5°	8687.3	8413.4	8042.4	7763.5	7467.2	7128.6	6702.8	6229.8	5694.4	5206.4	4783.1
15°	8582.7	8293.9	8049.9	7776.0	7442.3	7086.3	6613.2	6122.7	5694.4	5243.7	4795.6
12.5°	8605.1	8356.1	8089.7	7790.9	7432.4	7051.4	6623.2	6167.5	5724.3	5271.1	4798.1
10°	8674.8	8413.4	8129.6	7798.4	7437.4	7061.4	6650.5	6194.9	5739.2	5283.6	4793.1
7.5°	8699.7	8415.9	8112.1	7778.5	7424.9	7056.4	6655.5	6202.4	5741.7	5281.1	4778.1
5°	8622.6	8366.1	8072.3	7736.1	7390.0	7031.5	6635.6	6192.4	5721.8	5256.2	4740.8
2.5°	8518.0	8311.3	8030.0	7706.3	7355.2	6996.6	6603.2	6147.6	5677.0	5211.4	4693.5
0°	8500.5	8244.1	7960.2	7671.4	7297.9	6919.5	6528.5	6062.9	5594.8	5126.7	4611.3
-2.5°	8386.0	8114.6	7830.8	7517.0	7188.4	6807.4	6396.6	5940.9	5477.8	5017.2	4521.7
-5°	8298.9	7997.6	7696.3	7357.7	7026.5	6645.6	6219.8	5776.6	5323.4	4875.2	4397.2
-7.5°	8181.8	7873.1	7556.9	7203.3	6844.8	6456.3	6035.5	5592.3	5146.6	4700.9	4242.8
-10°	7945.3	7673.9	7377.6	7011.6	6633.1	6244.7	5826.4	5390.7	4945.0	4494.3	4033.7
-12.5°	7659.0	7372.6	7048.9	6712.8	6374.2	6013.1	5594.8	5166.6	4718.4	4265.2	3807.1
-15°	7288.0	7006.6	6675.4	6346.8	6020.6	5674.5	5306.0	4920.1	4464.4	4018.7	3560.6
-17.5°	6824.8	6560.9	6264.6	5950.9	5627.2	5278.6	4920.1	4593.9	4168.1	3749.8	3296.6
-20°	6326.9	6080.4	5813.9	5517.6	5193.9	4852.8	4514.2	4173.1	3804.6	3436.1	3015.3



REPORT NUMBER: P722054

CATALOG NUMBER: IFLD-S-SA3D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5809.0	5560.0	5291.1	5014.7	4715.9	4399.7	4085.9	3759.8	3436.1	3102.4	2746.4
-25°	5211.4	4992.3	4745.8	4476.9	4210.4	3934.1	3635.3	3339.0	3062.6	2773.8	2482.4
-27.5°	4586.4	4384.7	4160.6	3926.6	3697.5	3466.0	3207.0	2933.1	2704.0	2465.0	2223.5
-30°	3929.1	3767.2	3585.5	3381.3	3204.5	3017.8	2801.1	2574.6	2365.4	2183.6	1989.4
-32.5°	3306.6	3169.7	3040.2	2905.7	2731.4	2587.0	2437.6	2270.8	2086.5	1914.7	1775.3
-35°	2771.3	2624.4	2569.6	2470.0	2345.5	2218.5	2109.0	1989.4	1850.0	1698.1	1583.6
-37.5°	2320.6	2233.4	2156.3	2101.5	2019.3	1917.2	1830.1	1742.9	1635.9	1521.3	1406.8
-40°	1969.5	1909.8	1825.1	1797.7	1745.4	1675.7	1586.1	1518.8	1446.6	1359.5	1262.4
-42.5°	1688.2	1643.3	1588.6	1541.3	1518.8	1469.0	1399.3	1334.6	1277.3	1217.6	1142.9
-45°	1456.6	1426.7	1391.9	1349.5	1332.1	1292.3	1242.5	1170.3	1137.9	1088.1	1033.3
-47.5°	1269.9	1254.9	1230.0	1202.6	1177.7	1147.8	1103.0	1058.2	1013.4	981.0	938.7
-50°	1122.9	1113.0	1098.0	1075.6	1043.3	1023.4	993.5	953.6	911.3	883.9	854.0
-52.5°	1005.9	996.0	986.0	968.6	943.7	923.8	898.9	866.5	831.6	804.2	779.3
-55°	916.3	901.3	893.9	878.9	859.0	836.6	814.2	791.8	761.9	737.0	712.1
-57.5°	846.6	826.6	816.7	804.2	784.3	761.9	744.5	722.1	702.2	674.8	652.4
-60°	791.8	769.4	749.5	737.0	719.6	697.2	679.7	662.3	642.4	620.0	592.6
-62.5°	747.0	719.6	692.2	677.3	659.8	639.9	622.5	605.0	585.1	562.7	537.8
-65°	704.6	672.3	637.4	622.5	605.0	585.1	562.7	550.3	532.8	512.9	488.0
-67.5°	652.4	617.5	587.6	570.2	552.8	535.3	515.4	503.0	485.5	460.6	435.7
-70°	575.2	552.8	532.8	517.9	503.0	488.0	468.1	448.2	428.3	405.9	383.4
-72.5°	478.1	470.6	468.1	460.6	443.2	425.8	405.9	385.9	368.5	351.1	333.6
-75°	385.9	390.9	395.9	393.4	376.0	358.5	341.1	323.7	311.2	296.3	281.4
-77.5°	306.3	311.2	316.2	316.2	303.8	293.8	281.4	268.9	259.0	246.5	231.6
-80°	236.5	244.0	251.5	256.5	246.5	239.0	229.1	219.1	209.2	199.2	189.2
-82.5°	179.3	186.7	194.2	199.2	191.7	186.7	179.3	171.8	164.3	154.4	146.9
-85°	129.5	134.5	139.4	141.9	136.9	132.0	127.0	122.0	117.0	109.6	104.6
-87.5°	74.7	77.2	79.7	82.2	77.2	72.2	69.7	64.7	62.2	57.3	54.8
-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):**

	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°	62.2	57.3	52.3	49.8	44.8	37.3	32.4	27.4	22.4	17.4	14.9
85°	132.0	119.5	104.6	97.1	87.1	77.2	67.2	57.3	47.3	37.3	27.4
82.5°	226.6	211.6	196.7	179.3	156.9	129.5	102.1	84.7	69.7	54.8	42.3
80°	341.1	313.7	288.8	266.4	241.5	206.7	169.3	134.5	94.6	72.2	54.8
77.5°	473.1	440.7	405.9	368.5	328.7	281.4	239.0	194.2	146.9	99.6	69.7
75°	622.5	580.1	532.8	480.6	428.3	366.0	306.3	254.0	199.2	139.4	84.7
72.5°	789.3	737.0	679.7	610.0	527.9	455.7	383.4	313.7	249.0	176.8	114.5
70°	1003.4	921.3	836.6	761.9	657.3	542.8	458.1	378.5	296.3	216.6	144.4
67.5°	1232.5	1132.9	1030.8	921.3	789.3	654.8	532.8	443.2	346.1	254.0	171.8
65°	1481.5	1357.0	1227.5	1105.5	923.8	764.4	627.5	505.5	393.4	288.8	199.2
62.5°	1738.0	1591.1	1441.7	1282.3	1073.2	876.4	717.1	575.2	438.2	321.2	224.1
60°	2011.8	1840.0	1658.3	1459.1	1215.1	998.5	801.8	647.4	485.5	353.6	251.5
57.5°	2300.7	2113.9	1899.8	1630.9	1362.0	1115.5	898.9	712.1	527.9	383.4	271.4
55°	2614.4	2400.3	2166.2	1810.2	1506.4	1232.5	996.0	776.9	572.7	408.3	291.3
52.5°	2953.0	2704.0	2407.7	1999.4	1658.3	1352.0	1085.6	834.1	615.0	435.7	308.7
50°	3331.5	3017.8	2619.4	2173.7	1790.2	1464.1	1175.2	896.4	649.9	465.6	323.7
47.5°	3724.9	3386.3	2808.6	2335.5	1924.7	1573.6	1267.4	951.1	684.7	490.5	338.6
45°	4135.7	3642.7	3005.3	2479.9	2041.7	1673.2	1337.1	1000.9	727.1	512.9	351.1
42.5°	4541.6	3836.9	3177.1	2624.4	2151.3	1762.9	1394.3	1048.3	761.9	535.3	363.5
40°	4733.3	3983.9	3314.1	2724.0	2243.4	1842.5	1444.1	1090.6	791.8	550.3	376.0
37.5°	4813.0	4073.5	3403.7	2818.6	2315.6	1884.9	1486.5	1127.9	816.7	565.2	385.9
35°	4830.4	4105.9	3448.5	2883.3	2375.4	1924.7	1518.8	1155.3	836.6	580.1	395.9
32.5°	4798.1	4095.9	3461.0	2905.7	2412.7	1954.6	1541.3	1175.2	851.5	595.1	405.9
30°	4725.8	4043.6	3416.2	2903.2	2440.1	1972.0	1556.2	1190.2	866.5	605.0	410.8
27.5°	4608.8	3951.5	3358.9	2905.7	2455.0	1979.5	1563.7	1197.6	876.4	612.5	420.8
25°	4464.4	3827.0	3361.4	2900.7	2457.5	1982.0	1563.7	1197.6	878.9	615.0	428.3
22.5°	4297.6	3827.0	3361.4	2893.3	2442.6	1977.0	1556.2	1192.7	878.9	620.0	435.7
20°	4307.5	3829.5	3353.9	2878.3	2420.2	1962.0	1538.8	1180.2	871.5	627.5	440.7
17.5°	4315.0	3824.5	3339.0	2858.4	2390.3	1937.1	1516.4	1162.8	871.5	634.9	443.2
15°	4315.0	3809.6	3316.6	2828.5	2353.0	1902.3	1484.0	1147.8	874.0	637.4	448.2
12.5°	4307.5	3782.2	3281.7	2788.7	2308.1	1860.0	1464.1	1142.9	874.0	639.9	448.2
10°	4292.6	3744.8	3236.9	2738.9	2265.8	1845.0	1454.1	1132.9	869.0	639.9	448.2
7.5°	4265.2	3700.0	3199.5	2709.0	2240.9	1827.6	1439.2	1118.0	861.5	634.9	453.2
5°	4222.9	3675.1	3169.7	2674.2	2206.1	1815.1	1429.2	1105.5	856.5	634.9	448.2
2.5°	4168.1	3645.2	3134.8	2629.3	2166.2	1772.8	1396.8	1078.1	839.1	625.0	443.2
0°	4078.5	3585.5	3075.0	2567.1	2111.4	1730.5	1364.5	1050.7	821.7	615.0	438.2
-2.5°	3996.3	3505.8	2997.8	2502.4	2059.2	1693.1	1339.6	1035.8	814.2	612.5	435.7
-5°	3881.8	3396.2	2895.8	2417.7	1989.4	1655.8	1314.7	1018.4	806.7	607.5	435.7
-7.5°	3754.8	3281.7	2788.7	2330.6	1919.7	1591.1	1267.4	991.0	789.3	597.6	433.2
-10°	3558.1	3109.9	2654.2	2231.0	1845.0	1533.8	1227.5	966.1	774.4	587.6	423.3
-12.5°	3348.9	2920.7	2499.9	2109.0	1760.4	1474.0	1182.7	938.7	756.9	577.7	418.3
-15°	3127.3	2726.4	2338.0	1982.0	1668.2	1401.8	1135.4	908.8	739.5	565.2	410.8
-17.5°	2895.8	2522.3	2171.2	1852.5	1576.1	1327.1	1085.6	881.4	719.6	552.8	403.4
-20°	2651.8	2313.1	2001.9	1720.5	1479.0	1252.4	1033.3	849.1	697.2	537.8	393.4



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CATALOG NUMBER: IFLD-S-SA3D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2410.2	2106.5	1827.6	1591.1	1379.4	1175.2	981.0	816.7	672.3	520.4	385.9
-25°	2196.1	1912.2	1673.2	1466.6	1282.3	1100.5	926.2	784.3	644.9	503.0	376.0
-27.5°	1986.9	1745.4	1521.3	1349.5	1187.7	1028.3	874.0	749.5	617.5	483.0	366.0
-30°	1792.7	1586.1	1401.8	1235.0	1098.0	963.6	829.1	714.6	587.6	463.1	353.6
-32.5°	1616.0	1449.1	1294.8	1135.4	1013.4	898.9	786.8	679.7	557.7	443.2	341.1
-35°	1451.6	1322.1	1187.7	1053.2	928.7	839.1	742.0	642.4	530.4	420.8	328.7
-37.5°	1304.7	1200.1	1093.1	978.5	871.5	781.8	699.7	605.0	503.0	400.9	316.2
-40°	1177.7	1093.1	998.5	906.3	816.7	732.0	657.3	567.7	475.6	385.9	303.8
-42.5°	1060.7	996.0	918.8	841.6	761.9	687.2	615.0	527.9	448.2	368.5	291.3
-45°	971.1	906.3	844.1	774.4	707.1	642.4	570.2	493.0	423.3	348.6	278.9
-47.5°	886.4	829.1	771.9	714.6	659.8	600.1	527.9	463.1	395.9	331.2	268.9
-50°	811.7	756.9	707.1	657.3	610.0	552.8	485.5	433.2	373.5	313.7	256.5
-52.5°	742.0	694.7	644.9	605.0	565.2	507.9	453.2	403.4	351.1	293.8	244.0
-55°	679.7	634.9	590.1	552.8	515.4	465.6	420.8	378.5	328.7	278.9	231.6
-57.5°	620.0	582.6	540.3	505.5	468.1	428.3	390.9	351.1	306.3	263.9	219.1
-60°	565.2	530.4	493.0	458.1	425.8	393.4	358.5	326.2	286.3	246.5	206.7
-62.5°	510.4	480.6	448.2	413.3	388.4	358.5	331.2	298.8	266.4	231.6	184.3
-65°	460.6	433.2	403.4	373.5	351.1	328.7	303.8	273.9	246.5	214.1	164.3
-67.5°	410.8	385.9	361.0	336.1	316.2	298.8	273.9	251.5	229.1	194.2	144.4
-70°	363.5	343.6	321.2	301.3	286.3	266.4	249.0	229.1	209.2	169.3	122.0
-72.5°	318.7	298.8	281.4	266.4	254.0	236.5	221.6	206.7	179.3	141.9	102.1
-75°	266.4	254.0	244.0	231.6	219.1	206.7	194.2	176.8	149.4	114.5	79.7
-77.5°	219.1	211.6	204.2	194.2	184.3	174.3	159.4	141.9	119.5	89.6	64.7
-80°	179.3	171.8	166.8	156.9	149.4	139.4	124.5	109.6	87.1	69.7	52.3
-82.5°	136.9	132.0	127.0	122.0	114.5	104.6	89.6	77.2	64.7	52.3	39.8
-85°	97.1	94.6	89.6	84.7	77.2	69.7	59.8	52.3	44.8	34.9	27.4
-87.5°	49.8	47.3	44.8	42.3	39.8	34.9	29.9	24.9	22.4	17.4	12.4
-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°	10.0	7.5	2.5	0.0
85°	19.9	12.4	5.0	0.0
82.5°	29.9	19.9	7.5	0.0
80°	39.8	24.9	12.4	0.0
77.5°	49.8	29.9	14.9	0.0
75°	59.8	37.3	17.4	0.0
72.5°	67.2	42.3	19.9	0.0
70°	79.7	49.8	22.4	0.0
67.5°	99.6	54.8	24.9	0.0
65°	117.0	59.8	27.4	0.0
62.5°	136.9	64.7	29.9	0.0
60°	154.4	69.7	32.4	0.0
57.5°	171.8	82.2	34.9	0.0
55°	186.7	92.1	37.3	0.0
52.5°	204.2	102.1	39.8	0.0
50°	219.1	112.0	42.3	0.0
47.5°	231.6	122.0	42.3	0.0
45°	241.5	129.5	44.8	0.0
42.5°	249.0	136.9	47.3	0.0
40°	256.5	144.4	49.8	0.0
37.5°	263.9	151.9	49.8	0.0
35°	271.4	159.4	52.3	0.0
32.5°	278.9	166.8	52.3	0.0
30°	283.8	171.8	54.8	0.0
27.5°	291.3	176.8	54.8	0.0
25°	293.8	181.8	57.3	0.0
22.5°	298.8	184.3	57.3	0.0
20°	303.8	189.2	57.3	0.0
17.5°	306.3	191.7	59.8	0.0
15°	306.3	194.2	62.2	0.0
12.5°	308.7	196.7	62.2	0.0
10°	308.7	201.7	59.8	0.0
7.5°	313.7	199.2	59.8	0.0
5°	311.2	199.2	59.8	0.0
2.5°	308.7	196.7	59.8	0.0
0°	306.3	196.7	59.8	0.0
-2.5°	306.3	196.7	59.8	0.0
-5°	306.3	196.7	59.8	0.0
-7.5°	303.8	199.2	59.8	0.0
-10°	298.8	199.2	59.8	0.0
-12.5°	296.3	191.7	59.8	0.0
-15°	293.8	189.2	59.8	0.0
-17.5°	288.8	186.7	57.3	0.0
-20°	283.8	184.3	57.3	0.0



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CATALOG NUMBER: IFLD-S-SA3D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	278.9	179.3	57.3	0.0
-25°	273.9	174.3	54.8	0.0
-27.5°	268.9	169.3	54.8	0.0
-30°	261.4	164.3	52.3	0.0
-32.5°	254.0	159.4	52.3	0.0
-35°	249.0	151.9	49.8	0.0
-37.5°	241.5	144.4	49.8	0.0
-40°	234.1	136.9	47.3	0.0
-42.5°	226.6	129.5	44.8	0.0
-45°	216.6	122.0	44.8	0.0
-47.5°	209.2	114.5	42.3	0.0
-50°	196.7	104.6	39.8	0.0
-52.5°	181.8	94.6	37.3	0.0
-55°	166.8	87.1	34.9	0.0
-57.5°	151.9	77.2	34.9	0.0
-60°	136.9	67.2	32.4	0.0
-62.5°	122.0	62.2	29.9	0.0
-65°	107.1	57.3	27.4	0.0
-67.5°	89.6	49.8	24.9	0.0
-70°	74.7	44.8	22.4	0.0
-72.5°	64.7	39.8	19.9	0.0
-75°	54.8	34.9	17.4	0.0
-77.5°	47.3	29.9	14.9	0.0
-80°	37.3	22.4	10.0	0.0
-82.5°	27.4	17.4	7.5	0.0
-85°	17.4	12.4	5.0	0.0
-87.5°	10.0	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)