

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: P721986

Luminaire Tested: **IFLD-L-SA8C-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721986  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

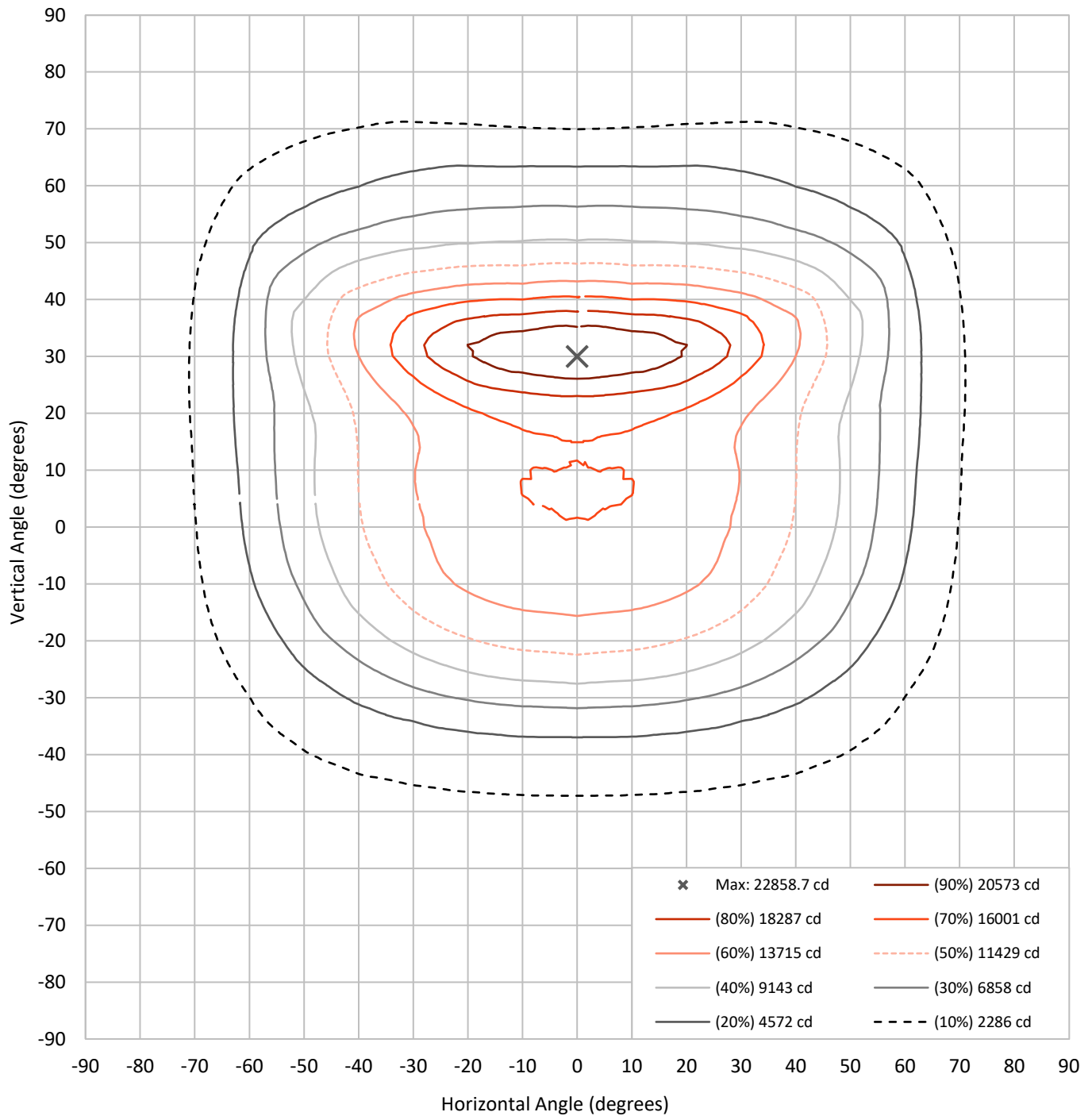
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	38156.9 lumens	Max Intensity:	22858.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22188.7 lumens	Field Lumens:	35757.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3  
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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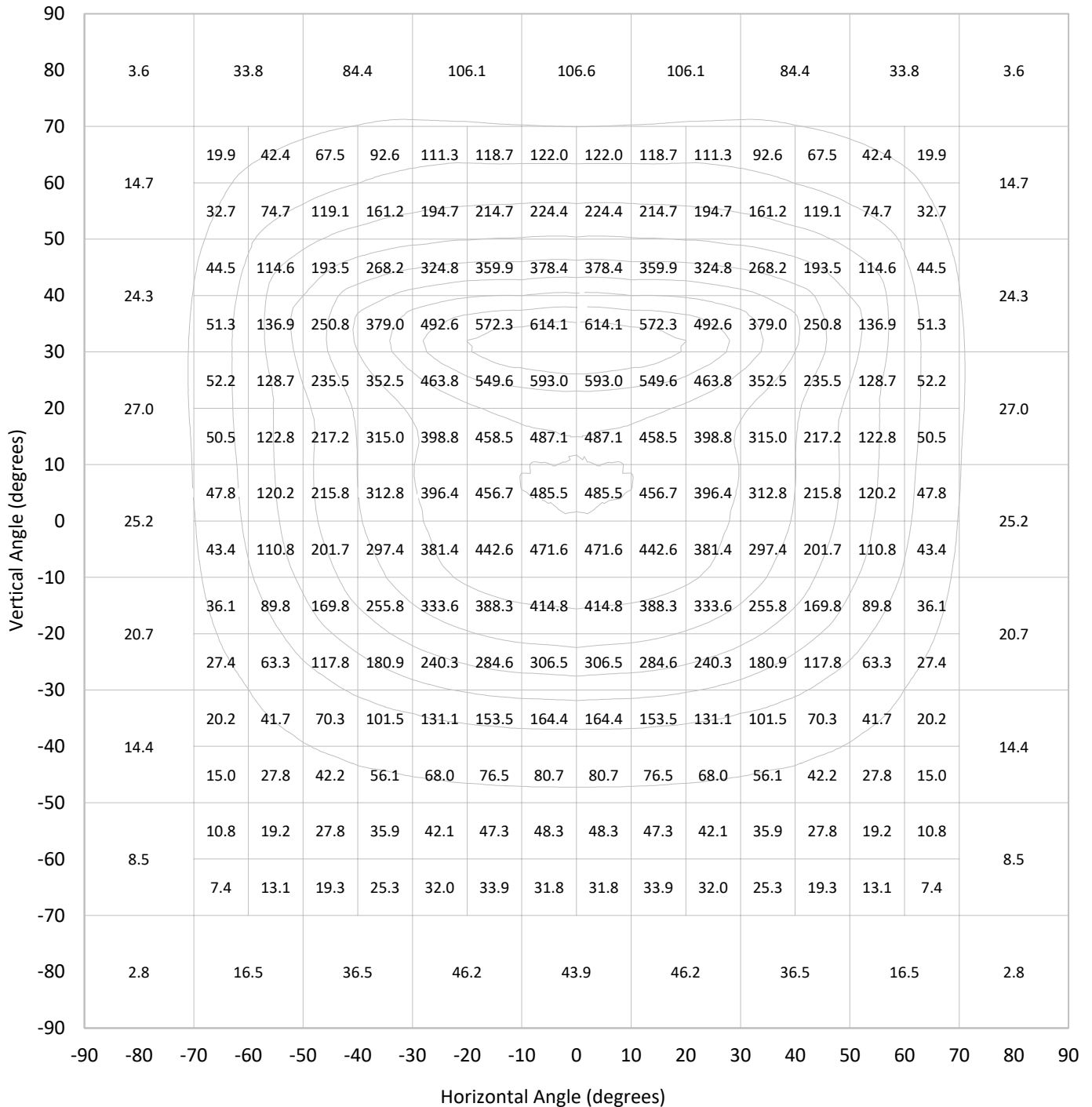
### Iso-Candela Plot





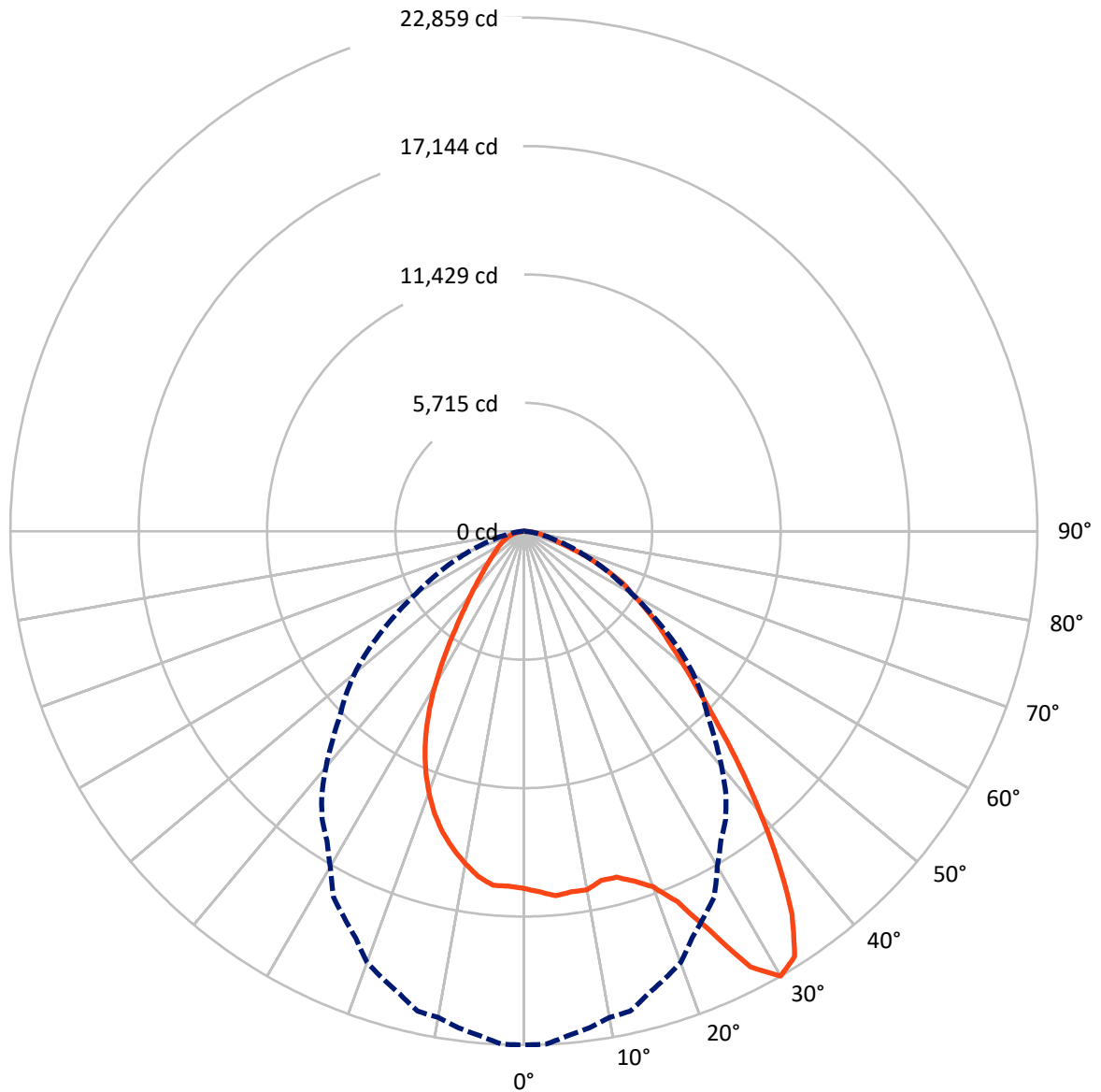
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### Lumen Table



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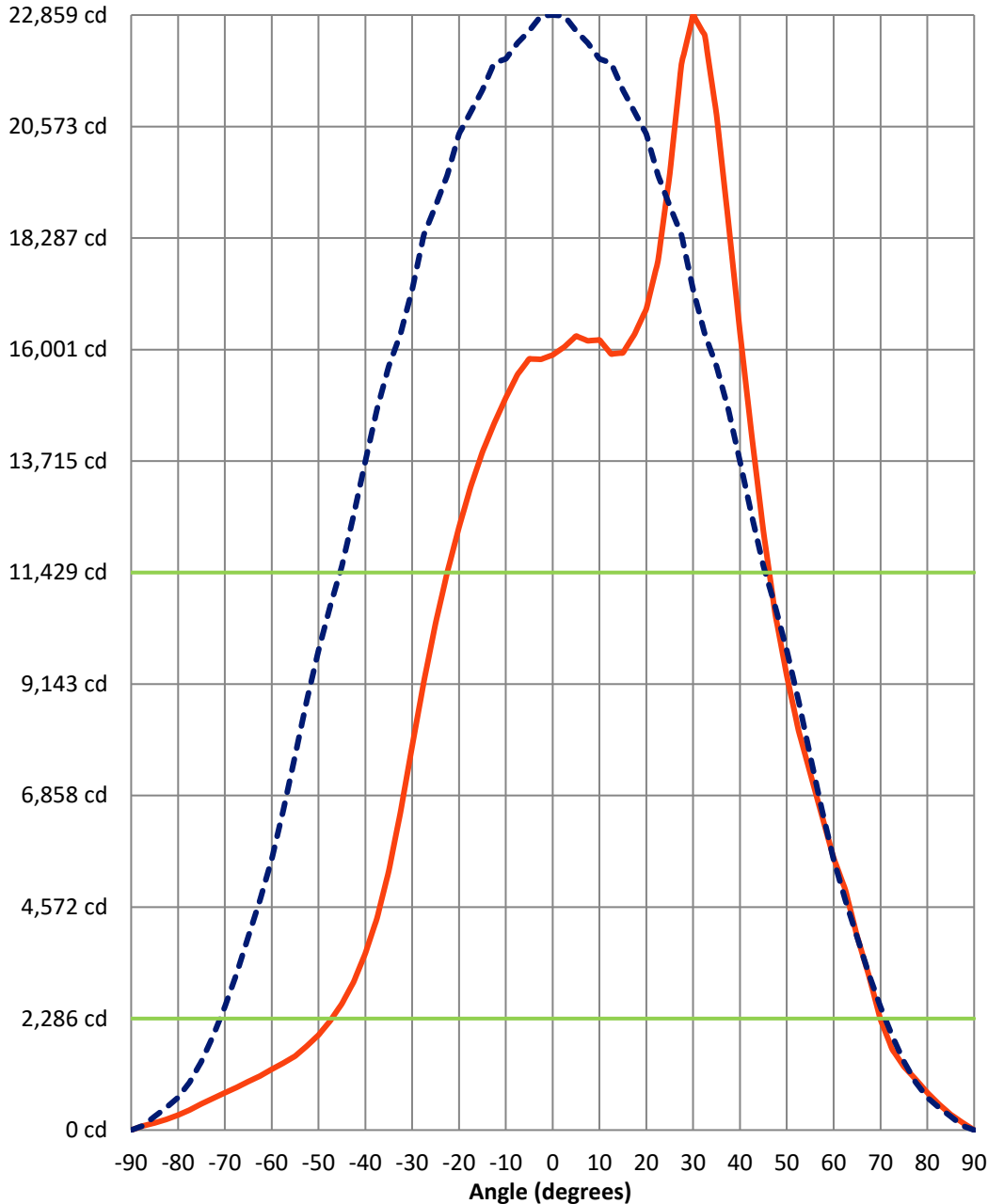
### Luminous Intensity Polar Plot



— 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: 22188.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 35757.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2398.9  
 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°	153.6	157.6	161.7	161.7	157.6	157.6	157.6	153.6	157.6	157.6	157.6
85°	319.3	327.4	335.5	331.5	327.4	319.3	311.3	315.3	319.3	323.4	323.4
82.5°	529.5	541.7	549.7	545.7	537.6	529.5	521.4	525.5	533.6	537.6	537.6
80°	768.0	772.1	776.1	784.2	772.1	772.1	768.0	784.2	792.3	800.4	808.4
77.5°	1042.9	1046.9	1046.9	1051.0	1055.0	1059.1	1059.1	1087.4	1107.6	1119.7	1131.8
75°	1301.6	1313.7	1325.8	1338.0	1354.1	1362.2	1374.4	1414.8	1447.1	1471.4	1495.6
72.5°	1657.3	1673.5	1693.7	1722.0	1750.3	1770.5	1798.8	1847.3	1883.7	1907.9	1936.2
70°	2267.7	2283.8	2304.1	2324.3	2352.6	2372.8	2401.1	2461.7	2498.1	2514.3	2530.4
67.5°	3173.1	3213.6	3249.9	3209.5	3189.3	3161.0	3169.1	3225.7	3262.1	3286.3	3282.3
65°	3977.5	4005.8	4005.8	4001.8	3985.6	3949.2	3969.4	4038.2	4078.6	4098.8	4038.2
62.5°	4923.4	4923.4	4903.2	4935.5	4939.6	4915.3	4903.2	4907.2	4911.3	4923.4	4822.4
60°	5578.2	5618.7	5630.8	5659.1	5667.2	5667.2	5687.4	5703.6	5703.6	5679.3	5562.1
57.5°	6443.3	6520.1	6536.3	6516.0	6475.6	6423.1	6415.0	6390.7	6342.2	6293.7	6237.1
55°	7316.4	7356.8	7352.8	7340.7	7300.2	7239.6	7247.7	7215.3	7138.5	7077.9	7001.1
52.5°	8193.6	8290.6	8306.7	8282.5	8225.9	8161.2	8165.3	8128.9	8052.1	7987.4	7882.3
50°	9313.2	9394.1	9386.0	9345.6	9264.7	9216.2	9220.3	9151.6	9062.6	9042.4	8905.0
47.5°	10594.6	10687.6	10671.4	10614.8	10505.7	10485.5	10505.7	10416.8	10364.2	10319.8	10158.1
45°	12276.2	12385.3	12324.7	12215.6	12041.7	12062.0	12090.2	12074.1	11960.9	11843.7	11637.5
42.5°	14248.8	14317.5	14244.7	14135.6	13917.3	13957.7	13941.6	13844.6	13775.8	13581.8	13319.1
40°	16358.8	16508.4	16395.2	16225.4	15999.1	16059.7	16015.2	15889.9	15728.2	15485.7	15154.2
37.5°	18634.6	18751.8	18622.5	18424.4	18222.3	18202.1	18113.1	17919.1	17688.7	17421.9	16892.4
35°	20813.3	21116.5	20878.0	20562.7	20316.1	20223.2	20138.3	19689.6	19426.9	18994.3	18270.8
32.5°	22434.3	22656.6	22361.5	22034.1	21735.0	21605.6	21306.5	20772.9	20631.4	19721.9	19059.0
30°	22858.7	22842.5	22535.3	22284.7	21961.3	21872.4	21322.7	20869.9	20417.2	19576.4	18945.8
27.5°	21848.1	21747.1	21452.0	21233.7	20914.4	20809.3	20267.6	20025.1	19325.8	18614.4	18080.8
25°	19596.6	19649.2	19426.9	19317.7	19107.5	18881.2	18666.9	18339.5	17902.9	17280.4	16791.3
22.5°	17822.1	17890.8	17797.8	17668.5	17506.8	17381.5	17219.8	16965.2	16544.8	16160.8	15699.9
20°	16835.8	16815.6	16734.7	16637.7	16484.1	16395.2	16217.3	16003.1	15679.7	15348.3	14851.1
17.5°	16318.4	16193.1	16116.3	16079.9	15999.1	15885.9	15675.7	15457.4	15206.8	14830.9	14467.1
15°	15934.4	15954.6	15894.0	15865.7	15801.0	15643.3	15429.1	15251.3	14911.7	14721.7	14390.3
12.5°	15910.1	15889.9	15894.0	15881.8	15801.0	15598.9	15489.7	15263.4	15045.1	14794.5	14414.5
10°	16197.1	15982.9	15999.1	16055.7	15926.3	15764.6	15647.4	15400.8	15194.7	14875.3	14499.4
7.5°	16181.0	16071.8	16104.2	16011.2	16051.6	15853.5	15691.9	15445.3	15186.6	14847.0	14507.5
5°	16278.0	16112.2	16083.9	16092.0	15991.0	15841.4	15623.1	15388.7	15146.2	14766.2	14418.6
2.5°	16055.7	16079.9	15950.6	15902.0	15889.9	15639.3	15437.2	15210.8	14960.2	14624.7	14313.5
0°	15889.9	15934.4	15801.0	15732.3	15728.2	15514.0	15384.6	15125.9	14948.1	14669.2	14293.3
-2.5°	15801.0	15853.5	15869.7	15744.4	15623.1	15457.4	15239.1	14960.2	14669.2	14345.8	14022.4
-5°	15809.1	15704.0	15659.5	15699.9	15594.8	15429.1	15186.6	14940.0	14653.0	14305.4	13901.2
-7.5°	15489.7	15384.6	15376.6	15356.4	15332.1	15174.5	14972.3	14705.6	14414.5	14091.1	13715.2
-10°	15012.8	14936.0	14915.8	14895.5	14830.9	14737.9	14547.9	14305.4	14042.6	13719.3	13319.1
-12.5°	14483.2	14446.9	14370.1	14317.5	14252.8	14143.7	13961.8	13739.5	13476.7	13189.7	12846.1
-15°	13897.1	13828.4	13751.6	13707.1	13614.2	13484.8	13302.9	13096.8	12809.8	12526.8	12203.4
-17.5°	13189.7	13104.8	13020.0	13007.8	12943.2	12745.1	12575.3	12324.7	12074.1	11803.3	11488.0
-20°	12357.0	12239.8	12183.2	12150.9	12062.0	11916.4	11734.5	11504.1	11261.6	11002.9	10639.1



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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°	11435.4	11334.4	11237.3	11176.7	11099.9	10986.7	10812.9	10610.8	10372.3	10081.3	9745.8
-25°	10388.5	10247.0	10186.4	10117.6	10077.2	9972.1	9802.4	9616.4	9369.8	9086.9	8767.6
-27.5°	9192.0	9078.8	9046.5	8949.5	8900.9	8791.8	8650.3	8476.5	8250.1	7983.4	7720.6
-30°	7870.2	7801.5	7748.9	7651.9	7615.5	7498.3	7405.3	7259.8	7053.7	6863.7	6653.5
-32.5°	6512.0	6443.3	6427.1	6382.6	6358.4	6281.6	6176.5	6071.4	5905.7	5764.2	5594.4
-35°	5307.4	5258.9	5263.0	5258.9	5234.7	5178.1	5048.7	5020.4	4899.2	4769.8	4660.7
-37.5°	4345.4	4349.4	4345.4	4341.3	4309.0	4284.7	4191.8	4155.4	4082.6	3957.3	3892.6
-40°	3621.8	3629.9	3625.9	3617.8	3581.4	3569.3	3508.6	3460.1	3431.8	3342.9	3274.2
-42.5°	3035.7	3047.8	3043.8	3039.7	3015.5	3011.4	2979.1	2922.5	2906.3	2853.8	2781.0
-45°	2591.1	2587.0	2578.9	2587.0	2574.9	2562.8	2542.5	2506.2	2486.0	2461.7	2401.1
-47.5°	2239.4	2243.4	2235.3	2235.3	2219.2	2207.0	2199.0	2174.7	2158.5	2138.3	2101.9
-50°	1948.3	1964.5	1960.5	1956.4	1944.3	1936.2	1936.2	1912.0	1887.7	1879.6	1855.4
-52.5°	1722.0	1734.1	1738.1	1746.2	1750.3	1754.3	1742.2	1717.9	1677.5	1673.5	1661.3
-55°	1515.8	1552.2	1576.5	1592.6	1608.8	1620.9	1596.7	1564.3	1523.9	1507.7	1503.7
-57.5°	1374.4	1410.7	1439.0	1463.3	1483.5	1503.7	1479.4	1447.1	1410.7	1390.5	1386.5
-60°	1245.0	1277.3	1305.6	1338.0	1366.3	1398.6	1386.5	1362.2	1342.0	1325.8	1309.7
-62.5°	1107.6	1139.9	1172.2	1212.7	1249.0	1281.4	1285.4	1281.4	1277.3	1281.4	1253.1
-65°	994.4	1010.6	1030.8	1075.2	1115.6	1152.0	1172.2	1184.4	1204.6	1224.8	1196.5
-67.5°	873.1	893.3	917.6	949.9	982.3	1006.5	1034.8	1067.1	1099.5	1131.8	1111.6
-70°	764.0	780.1	800.4	816.5	836.7	852.9	877.2	913.5	949.9	982.3	974.2
-72.5°	650.8	667.0	679.1	687.2	699.3	707.4	719.5	751.9	776.1	792.3	792.3
-75°	537.6	553.8	565.9	570.0	578.0	582.1	590.2	602.3	614.4	618.5	622.5
-77.5°	412.3	428.5	440.6	448.7	456.8	464.9	468.9	477.0	481.0	481.0	485.1
-80°	307.2	319.3	327.4	339.5	343.6	351.7	359.8	363.8	367.8	367.8	371.9
-82.5°	218.3	226.4	234.4	242.5	250.6	254.7	262.7	266.8	270.8	274.9	278.9
-85°	145.5	153.6	161.7	169.8	173.8	177.9	181.9	185.9	190.0	194.0	198.1
-87.5°	84.9	88.9	93.0	101.1	105.1	113.2	117.2	113.2	117.2	117.2	117.2
-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°	157.6	157.6	157.6	157.6	153.6	145.5	141.5	133.4	125.3	117.2	109.1
85°	327.4	331.5	331.5	331.5	323.4	319.3	307.2	295.1	278.9	254.7	234.4
82.5°	545.7	549.7	549.7	545.7	537.6	525.5	509.3	489.1	456.8	424.4	396.1
80°	820.6	824.6	824.6	820.6	800.4	780.1	759.9	735.7	695.3	650.8	602.3
77.5°	1148.0	1156.1	1156.1	1143.9	1115.6	1091.4	1059.1	1018.6	958.0	893.3	828.7
75°	1528.0	1548.2	1552.2	1540.1	1503.7	1459.2	1406.7	1338.0	1245.0	1164.2	1087.4
72.5°	1968.6	1988.8	2004.9	1988.8	1936.2	1875.6	1798.8	1717.9	1625.0	1515.8	1386.5
70°	2546.6	2566.8	2578.9	2526.4	2433.4	2332.4	2239.4	2146.4	2037.3	1903.9	1762.4
67.5°	3274.2	3254.0	3229.7	3124.6	3007.4	2886.1	2756.8	2619.4	2477.9	2336.4	2170.7
65°	3973.5	3916.9	3864.4	3739.0	3589.5	3431.8	3282.3	3128.7	2958.9	2781.0	2623.4
62.5°	4709.2	4587.9	4458.6	4305.0	4151.3	3977.5	3828.0	3646.1	3456.1	3237.8	3035.7
60°	5432.7	5287.2	5157.9	4967.9	4765.8	4531.3	4369.6	4191.8	3969.4	3735.0	3496.5
57.5°	6132.0	5974.4	5832.9	5667.2	5448.9	5194.2	5016.4	4786.0	4551.5	4256.4	4013.9
55°	6875.8	6718.2	6605.0	6419.0	6180.5	5946.1	5752.1	5509.5	5182.1	4866.8	4567.7
52.5°	7728.7	7603.4	7482.1	7292.1	7005.1	6766.7	6552.4	6281.6	5938.0	5550.0	5190.2
50°	8682.7	8618.0	8488.6	8266.3	7938.9	7728.7	7445.7	7086.0	6718.2	6309.9	5861.2
47.5°	9947.9	9842.8	9660.9	9418.3	9143.5	8828.2	8448.2	8027.8	7506.4	7053.7	6576.7
45°	11459.7	11265.6	11031.2	10703.8	10364.2	10008.5	9592.2	9058.6	8359.3	7769.1	7267.9
42.5°	13096.8	12834.0	12514.7	12086.2	11645.6	11209.0	10760.4	10032.8	9159.6	8480.6	7914.6
40°	14806.6	14471.1	14070.9	13448.4	12959.3	12397.5	11884.1	10796.7	9867.0	9131.3	8529.1
37.5°	16480.1	16055.7	15384.6	14628.8	14058.8	13598.0	12470.2	11306.1	10473.4	9664.9	9054.5
35°	17761.5	17401.7	16217.3	15433.2	14944.0	14216.4	12805.7	11613.3	10732.1	10061.1	9111.1
32.5°	18521.4	17591.7	16552.8	15760.6	15356.4	14163.9	12830.0	11702.2	10853.3	10101.5	8965.6
30°	18351.6	17227.9	16318.4	15655.5	14778.3	13707.1	12603.6	11564.8	10740.1	9830.7	8803.9
27.5°	17328.9	16459.9	15647.4	14956.2	14095.2	13133.1	12114.5	11201.0	10432.9	9551.7	8581.6
25°	16172.9	15384.6	14782.4	14180.1	13363.5	12446.0	11548.6	10889.7	10117.6	9248.6	8290.6
22.5°	15109.8	14543.9	14070.9	13440.3	12644.0	11843.7	11285.8	10602.7	9810.4	8929.2	7991.4
20°	14430.7	14046.7	13505.0	12809.8	12183.2	11682.0	11063.5	10340.0	9523.4	8601.8	7736.8
17.5°	14103.3	13658.6	13056.3	12603.6	12122.6	11572.8	10881.6	10113.6	9244.5	8452.3	7765.1
15°	13933.5	13464.6	13068.5	12623.8	12082.2	11504.1	10736.1	9939.8	9244.5	8512.9	7785.3
12.5°	13969.9	13565.7	13133.1	12648.1	12066.0	11447.5	10752.3	10012.6	9293.0	8557.4	7789.3
10°	14083.1	13658.6	13197.8	12660.2	12074.1	11463.7	10796.7	10057.0	9317.3	8577.6	7781.3
7.5°	14123.5	13662.7	13169.5	12627.9	12053.9	11455.6	10804.8	10069.1	9321.3	8573.5	7757.0
5°	13998.2	13581.8	13104.8	12559.1	11997.3	11415.2	10772.5	10053.0	9289.0	8533.1	7696.4
2.5°	13828.4	13492.9	13036.1	12510.6	11940.7	11358.6	10719.9	9980.2	9216.2	8460.3	7619.6
0°	13800.1	13383.8	12922.9	12454.0	11847.7	11233.3	10598.7	9842.8	9082.8	8322.9	7486.2
-2.5°	13614.2	13173.6	12712.7	12203.4	11669.9	11051.4	10384.4	9644.7	8892.9	8145.1	7340.7
-5°	13472.7	12983.6	12494.5	11944.7	11407.1	10788.7	10097.4	9377.9	8642.2	7914.6	7138.5
-7.5°	13282.7	12781.5	12268.1	11694.1	11112.0	10481.4	9798.3	9078.8	8355.2	7631.7	6887.9
-10°	12898.7	12458.1	11977.1	11382.9	10768.4	10137.9	9458.8	8751.4	8027.8	7296.2	6548.4
-12.5°	12433.8	11969.0	11443.5	10897.8	10348.1	9761.9	9082.8	8387.6	7660.0	6924.3	6180.5
-15°	11831.5	11374.8	10837.2	10303.6	9774.1	9212.2	8613.9	7987.4	7247.7	6524.1	5780.4
-17.5°	11079.7	10651.2	10170.2	9660.9	9135.4	8569.5	7987.4	7457.9	6766.7	6087.6	5351.9
-20°	10271.3	9871.1	9438.6	8957.5	8432.0	7878.3	7328.5	6774.7	6176.5	5578.2	4895.1



REPORT NUMBER: P721986  
 CATALOG NUMBER: IFLD-L-SA8C-722-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9430.5	9026.3	8589.7	8141.0	7655.9	7142.6	6633.3	6103.7	5578.2	5036.6	4458.6
-25°	8460.3	8104.6	7704.5	7267.9	6835.4	6386.7	5901.6	5420.6	4971.9	4503.0	4030.1
-27.5°	7445.7	7118.3	6754.5	6374.6	6002.7	5626.8	5206.4	4761.7	4389.8	4001.8	3609.7
-30°	6378.6	6115.9	5820.8	5489.3	5202.3	4899.2	4547.5	4179.6	3840.1	3545.0	3229.7
-32.5°	5368.1	5145.7	4935.5	4717.3	4434.3	4199.9	3957.3	3686.5	3387.4	3108.5	2882.1
-35°	4499.0	4260.5	4171.6	4009.9	3807.8	3601.6	3423.8	3229.7	3003.4	2756.8	2570.8
-37.5°	3767.3	3625.9	3500.6	3411.6	3278.2	3112.5	2971.0	2829.5	2655.7	2469.8	2283.8
-40°	3197.4	3100.4	2962.9	2918.5	2833.6	2720.4	2574.9	2465.7	2348.5	2207.0	2049.4
-42.5°	2740.6	2667.9	2578.9	2502.1	2465.7	2384.9	2271.7	2166.6	2073.7	1976.6	1855.4
-45°	2364.7	2316.2	2259.6	2190.9	2162.6	2097.9	2017.1	1899.8	1847.3	1766.4	1677.5
-47.5°	2061.5	2037.3	1996.9	1952.4	1912.0	1863.5	1790.7	1717.9	1645.2	1592.6	1523.9
-50°	1823.0	1806.9	1782.6	1746.2	1693.7	1661.3	1612.8	1548.2	1479.4	1435.0	1386.5
-52.5°	1633.1	1616.9	1600.7	1572.4	1532.0	1499.7	1459.2	1406.7	1350.1	1305.6	1265.2
-55°	1487.5	1463.3	1451.2	1426.9	1394.6	1358.2	1321.8	1285.4	1236.9	1196.5	1156.1
-57.5°	1374.4	1342.0	1325.8	1305.6	1273.3	1236.9	1208.6	1172.2	1139.9	1095.4	1059.1
-60°	1285.4	1249.0	1216.7	1196.5	1168.2	1131.8	1103.5	1075.2	1042.9	1006.5	962.0
-62.5°	1212.7	1168.2	1123.7	1099.5	1071.2	1038.8	1010.6	982.3	949.9	913.5	873.1
-65°	1143.9	1091.4	1034.8	1010.6	982.3	949.9	913.5	893.3	865.0	832.7	792.3
-67.5°	1059.1	1002.5	954.0	925.7	897.4	869.1	836.7	816.5	788.2	747.8	707.4
-70°	933.8	897.4	865.0	840.8	816.5	792.3	759.9	727.6	695.3	658.9	622.5
-72.5°	776.1	764.0	759.9	747.8	719.5	691.2	658.9	626.5	598.2	570.0	541.7
-75°	626.5	634.6	642.7	638.7	610.4	582.1	553.8	525.5	505.3	481.0	456.8
-77.5°	497.2	505.3	513.4	513.4	493.1	477.0	456.8	436.6	420.4	400.2	375.9
-80°	384.0	396.1	408.3	416.3	400.2	388.1	371.9	355.7	339.5	323.4	307.2
-82.5°	291.0	303.2	315.3	323.4	311.3	303.2	291.0	278.9	266.8	250.6	238.5
-85°	210.2	218.3	226.4	230.4	222.3	214.2	206.2	198.1	190.0	177.9	169.8
-87.5°	121.3	125.3	129.4	133.4	125.3	117.2	113.2	105.1	101.1	93.0	88.9
-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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 CATALOG NUMBER: IFLD-L-SA8C-722-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°	101.1	93.0	84.9	80.8	72.8	60.6	52.5	44.5	36.4	28.3	24.3
85°	214.2	194.0	169.8	157.6	141.5	125.3	109.1	93.0	76.8	60.6	44.5
82.5°	367.8	343.6	319.3	291.0	254.7	210.2	165.7	137.4	113.2	88.9	68.7
80°	553.8	509.3	468.9	432.5	392.1	335.5	274.9	218.3	153.6	117.2	88.9
77.5°	768.0	715.5	658.9	598.2	533.6	456.8	388.1	315.3	238.5	161.7	113.2
75°	1010.6	941.8	865.0	780.1	695.3	594.2	497.2	412.3	323.4	226.4	137.4
72.5°	1281.4	1196.5	1103.5	990.3	856.9	739.7	622.5	509.3	404.2	287.0	185.9
70°	1629.0	1495.6	1358.2	1236.9	1067.1	881.2	743.8	614.4	481.0	351.7	234.4
67.5°	2000.9	1839.2	1673.5	1495.6	1281.4	1063.1	865.0	719.5	561.9	412.3	278.9
65°	2405.1	2203.0	1992.8	1794.7	1499.7	1241.0	1018.6	820.6	638.7	468.9	323.4
62.5°	2821.5	2583.0	2340.4	2081.7	1742.2	1422.9	1164.2	933.8	711.4	521.4	363.8
60°	3266.1	2987.2	2692.1	2368.7	1972.6	1620.9	1301.6	1051.0	788.2	574.0	408.3
57.5°	3735.0	3431.8	3084.2	2647.6	2211.1	1810.9	1459.2	1156.1	856.9	622.5	440.6
55°	4244.3	3896.7	3516.7	2938.7	2445.5	2000.9	1616.9	1261.2	929.7	662.9	472.9
52.5°	4794.1	4389.8	3908.8	3245.9	2692.1	2194.9	1762.4	1354.1	998.4	707.4	501.2
50°	5408.5	4899.2	4252.4	3528.8	2906.3	2376.8	1907.9	1455.2	1055.0	755.9	525.5
47.5°	6047.1	5497.4	4559.6	3791.6	3124.6	2554.7	2057.5	1544.1	1111.6	796.3	549.7
45°	6714.1	5913.8	4878.9	4026.0	3314.6	2716.4	2170.7	1625.0	1180.3	832.7	570.0
42.5°	7373.0	6229.0	5157.9	4260.5	3492.5	2861.9	2263.6	1701.8	1236.9	869.1	590.2
40°	7684.2	6467.5	5380.2	4422.2	3642.0	2991.2	2344.5	1770.5	1285.4	893.3	610.4
37.5°	7813.6	6613.1	5525.7	4575.8	3759.3	3060.0	2413.2	1831.1	1325.8	917.6	626.5
35°	7841.9	6665.6	5598.5	4680.9	3856.3	3124.6	2465.7	1875.6	1358.2	941.8	642.7
32.5°	7789.3	6649.4	5618.7	4717.3	3916.9	3173.1	2502.1	1907.9	1382.4	966.1	658.9
30°	7672.1	6564.5	5545.9	4713.2	3961.4	3201.4	2526.4	1932.2	1406.7	982.3	667.0
27.5°	7482.1	6415.0	5452.9	4717.3	3985.6	3213.6	2538.5	1944.3	1422.9	994.4	683.1
25°	7247.7	6212.9	5457.0	4709.2	3989.7	3217.6	2538.5	1944.3	1426.9	998.4	695.3
22.5°	6976.9	6212.9	5457.0	4697.0	3965.4	3209.5	2526.4	1936.2	1426.9	1006.5	707.4
20°	6993.0	6216.9	5444.9	4672.8	3929.0	3185.3	2498.1	1916.0	1414.8	1018.6	715.5
17.5°	7005.1	6208.8	5420.6	4640.5	3880.5	3144.8	2461.7	1887.7	1414.8	1030.8	719.5
15°	7005.1	6184.6	5384.2	4591.9	3819.9	3088.2	2409.2	1863.5	1418.8	1034.8	727.6
12.5°	6993.0	6140.1	5327.6	4527.3	3747.1	3019.5	2376.8	1855.4	1418.8	1038.8	727.6
10°	6968.8	6079.5	5254.9	4446.4	3678.4	2995.3	2360.7	1839.2	1410.7	1038.8	727.6
7.5°	6924.3	6006.7	5194.2	4397.9	3638.0	2967.0	2336.4	1815.0	1398.6	1030.8	735.7
5°	6855.6	5966.3	5145.7	4341.3	3581.4	2946.8	2320.2	1794.7	1390.5	1030.8	727.6
2.5°	6766.7	5917.8	5089.1	4268.6	3516.7	2878.1	2267.7	1750.3	1362.2	1014.6	719.5
0°	6621.1	5820.8	4992.1	4167.5	3427.8	2809.3	2215.1	1705.8	1333.9	998.4	711.4
-2.5°	6487.7	5691.4	4866.8	4062.4	3342.9	2748.7	2174.7	1681.6	1321.8	994.4	707.4
-5°	6301.8	5513.6	4701.1	3925.0	3229.7	2688.1	2134.3	1653.3	1309.7	986.3	707.4
-7.5°	6095.7	5327.6	4527.3	3783.5	3116.5	2583.0	2057.5	1608.8	1281.4	970.1	703.3
-10°	5776.3	5048.7	4309.0	3621.8	2995.3	2490.0	1992.8	1568.4	1257.1	954.0	687.2
-12.5°	5436.8	4741.5	4058.4	3423.8	2857.8	2393.0	1920.0	1523.9	1228.8	937.8	679.1
-15°	5077.0	4426.2	3795.6	3217.6	2708.3	2275.8	1843.2	1475.4	1200.5	917.6	667.0
-17.5°	4701.1	4094.8	3524.8	3007.4	2558.7	2154.5	1762.4	1430.9	1168.2	897.4	654.8
-20°	4305.0	3755.2	3249.9	2793.2	2401.1	2033.2	1677.5	1378.4	1131.8	873.1	638.7



REPORT NUMBER: P721986  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3912.9	3419.7	2967.0	2583.0	2239.4	1907.9	1592.6	1325.8	1091.4	844.8	626.5
-25°	3565.2	3104.4	2716.4	2380.9	2081.7	1786.7	1503.7	1273.3	1046.9	816.5	610.4
-27.5°	3225.7	2833.6	2469.8	2190.9	1928.1	1669.4	1418.8	1216.7	1002.5	784.2	594.2
-30°	2910.4	2574.9	2275.8	2004.9	1782.6	1564.3	1346.1	1160.1	954.0	751.9	574.0
-32.5°	2623.4	2352.6	2101.9	1843.2	1645.2	1459.2	1277.3	1103.5	905.5	719.5	553.8
-35°	2356.6	2146.4	1928.1	1709.9	1507.7	1362.2	1204.6	1042.9	861.0	683.1	533.6
-37.5°	2118.1	1948.3	1774.5	1588.6	1414.8	1269.3	1135.9	982.3	816.5	650.8	513.4
-40°	1912.0	1774.5	1620.9	1471.4	1325.8	1188.4	1067.1	921.6	772.1	626.5	493.1
-42.5°	1722.0	1616.9	1491.6	1366.3	1236.9	1115.6	998.4	856.9	727.6	598.2	472.9
-45°	1576.5	1471.4	1370.3	1257.1	1148.0	1042.9	925.7	800.4	687.2	565.9	452.7
-47.5°	1439.0	1346.1	1253.1	1160.1	1071.2	974.2	856.9	751.9	642.7	537.6	436.6
-50°	1317.8	1228.8	1148.0	1067.1	990.3	897.4	788.2	703.3	606.3	509.3	416.3
-52.5°	1204.6	1127.8	1046.9	982.3	917.6	824.6	735.7	654.8	570.0	477.0	396.1
-55°	1103.5	1030.8	958.0	897.4	836.7	755.9	683.1	614.4	533.6	452.7	375.9
-57.5°	1006.5	945.9	877.2	820.6	759.9	695.3	634.6	570.0	497.2	428.5	355.7
-60°	917.6	861.0	800.4	743.8	691.2	638.7	582.1	529.5	464.9	400.2	335.5
-62.5°	828.7	780.1	727.6	671.0	630.6	582.1	537.6	485.1	432.5	375.9	299.1
-65°	747.8	703.3	654.8	606.3	570.0	533.6	493.1	444.6	400.2	347.6	266.8
-67.5°	667.0	626.5	586.1	545.7	513.4	485.1	444.6	408.3	371.9	315.3	234.4
-70°	590.2	557.8	521.4	489.1	464.9	432.5	404.2	371.9	339.5	274.9	198.1
-72.5°	517.4	485.1	456.8	432.5	412.3	384.0	359.8	335.5	291.0	230.4	165.7
-75°	432.5	412.3	396.1	375.9	355.7	335.5	315.3	287.0	242.5	185.9	129.4
-77.5°	355.7	343.6	331.5	315.3	299.1	283.0	258.7	230.4	194.0	145.5	105.1
-80°	291.0	278.9	270.8	254.7	242.5	226.4	202.1	177.9	141.5	113.2	84.9
-82.5°	222.3	214.2	206.2	198.1	185.9	169.8	145.5	125.3	105.1	84.9	64.7
-85°	157.6	153.6	145.5	137.4	125.3	113.2	97.0	84.9	72.8	56.6	44.5
-87.5°	80.8	76.8	72.8	68.7	64.7	56.6	48.5	40.4	36.4	28.3	20.2
-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: P721986  
 CATALOG NUMBER: IFLD-L-SA8C-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.2	12.1	4.0	0.0
85°	32.3	20.2	8.1	0.0
82.5°	48.5	32.3	12.1	0.0
80°	64.7	40.4	20.2	0.0
77.5°	80.8	48.5	24.3	0.0
75°	97.0	60.6	28.3	0.0
72.5°	109.1	68.7	32.3	0.0
70°	129.4	80.8	36.4	0.0
67.5°	161.7	88.9	40.4	0.0
65°	190.0	97.0	44.5	0.0
62.5°	222.3	105.1	48.5	0.0
60°	250.6	113.2	52.5	0.0
57.5°	278.9	133.4	56.6	0.0
55°	303.2	149.6	60.6	0.0
52.5°	331.5	165.7	64.7	0.0
50°	355.7	181.9	68.7	0.0
47.5°	375.9	198.1	68.7	0.0
45°	392.1	210.2	72.8	0.0
42.5°	404.2	222.3	76.8	0.0
40°	416.3	234.4	80.8	0.0
37.5°	428.5	246.6	80.8	0.0
35°	440.6	258.7	84.9	0.0
32.5°	452.7	270.8	84.9	0.0
30°	460.8	278.9	88.9	0.0
27.5°	472.9	287.0	88.9	0.0
25°	477.0	295.1	93.0	0.0
22.5°	485.1	299.1	93.0	0.0
20°	493.1	307.2	93.0	0.0
17.5°	497.2	311.3	97.0	0.0
15°	497.2	315.3	101.1	0.0
12.5°	501.2	319.3	101.1	0.0
10°	501.2	327.4	97.0	0.0
7.5°	509.3	323.4	97.0	0.0
5°	505.3	323.4	97.0	0.0
2.5°	501.2	319.3	97.0	0.0
0°	497.2	319.3	97.0	0.0
-2.5°	497.2	319.3	97.0	0.0
-5°	497.2	319.3	97.0	0.0
-7.5°	493.1	323.4	97.0	0.0
-10°	485.1	323.4	97.0	0.0
-12.5°	481.0	311.3	97.0	0.0
-15°	477.0	307.2	97.0	0.0
-17.5°	468.9	303.2	93.0	0.0
-20°	460.8	299.1	93.0	0.0



REPORT NUMBER: P721986

CATALOG NUMBER: IFLD-L-SA8C-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	452.7	291.0	93.0	0.0
-25°	444.6	283.0	88.9	0.0
-27.5°	436.6	274.9	88.9	0.0
-30°	424.4	266.8	84.9	0.0
-32.5°	412.3	258.7	84.9	0.0
-35°	404.2	246.6	80.8	0.0
-37.5°	392.1	234.4	80.8	0.0
-40°	380.0	222.3	76.8	0.0
-42.5°	367.8	210.2	72.8	0.0
-45°	351.7	198.1	72.8	0.0
-47.5°	339.5	185.9	68.7	0.0
-50°	319.3	169.8	64.7	0.0
-52.5°	295.1	153.6	60.6	0.0
-55°	270.8	141.5	56.6	0.0
-57.5°	246.6	125.3	56.6	0.0
-60°	222.3	109.1	52.5	0.0
-62.5°	198.1	101.1	48.5	0.0
-65°	173.8	93.0	44.5	0.0
-67.5°	145.5	80.8	40.4	0.0
-70°	121.3	72.8	36.4	0.0
-72.5°	105.1	64.7	32.3	0.0
-75°	88.9	56.6	28.3	0.0
-77.5°	76.8	48.5	24.3	0.0
-80°	60.6	36.4	16.2	0.0
-82.5°	44.5	28.3	12.1	0.0
-85°	28.3	20.2	8.1	0.0
-87.5°	16.2	8.1	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)