

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: P722168

Luminaire Tested: **IFLD-S-SA3B-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722168  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

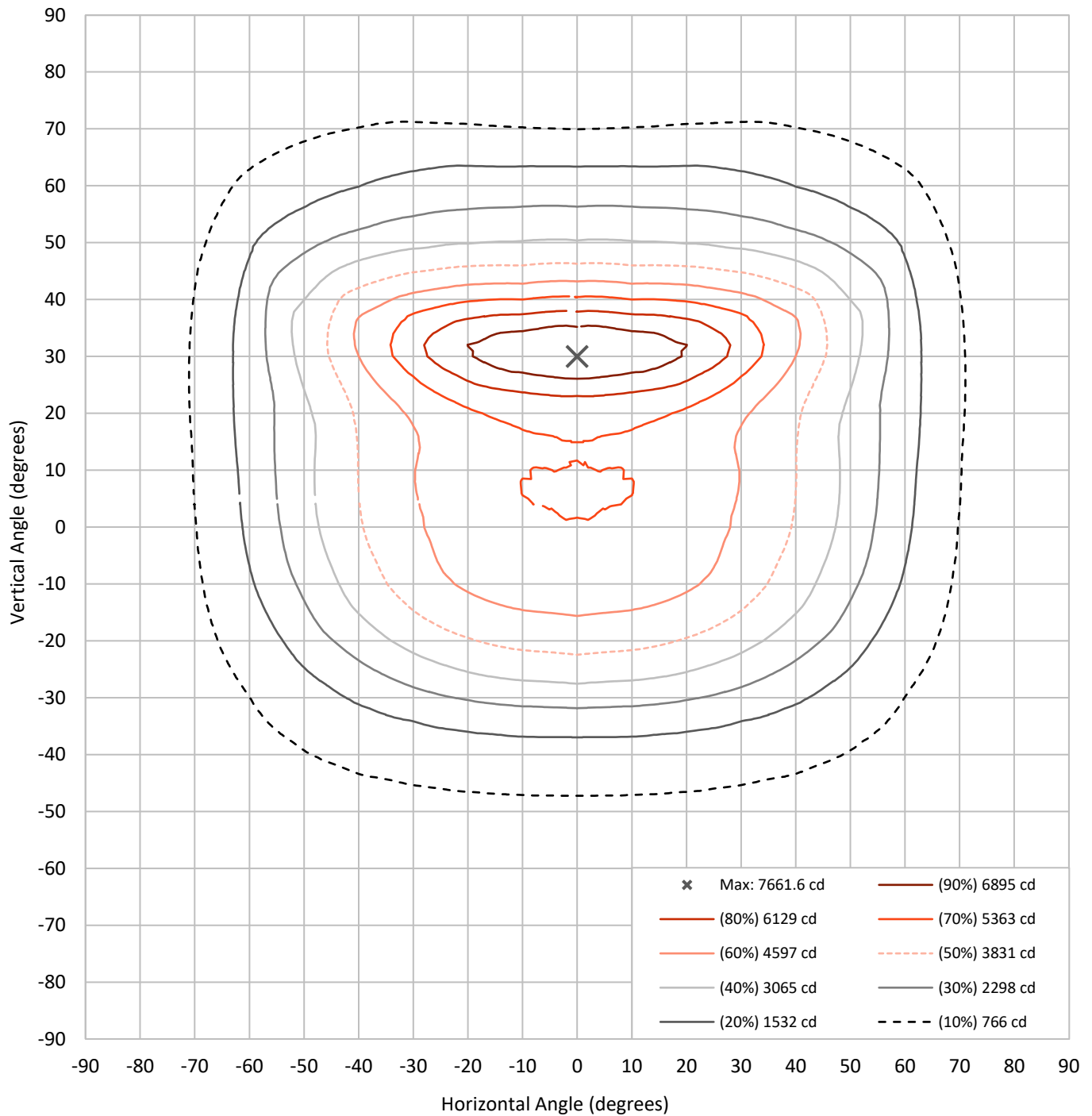
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12789.2 lumens	Max Intensity:	7661.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7437.1 lumens	Field Lumens:	11985.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4  
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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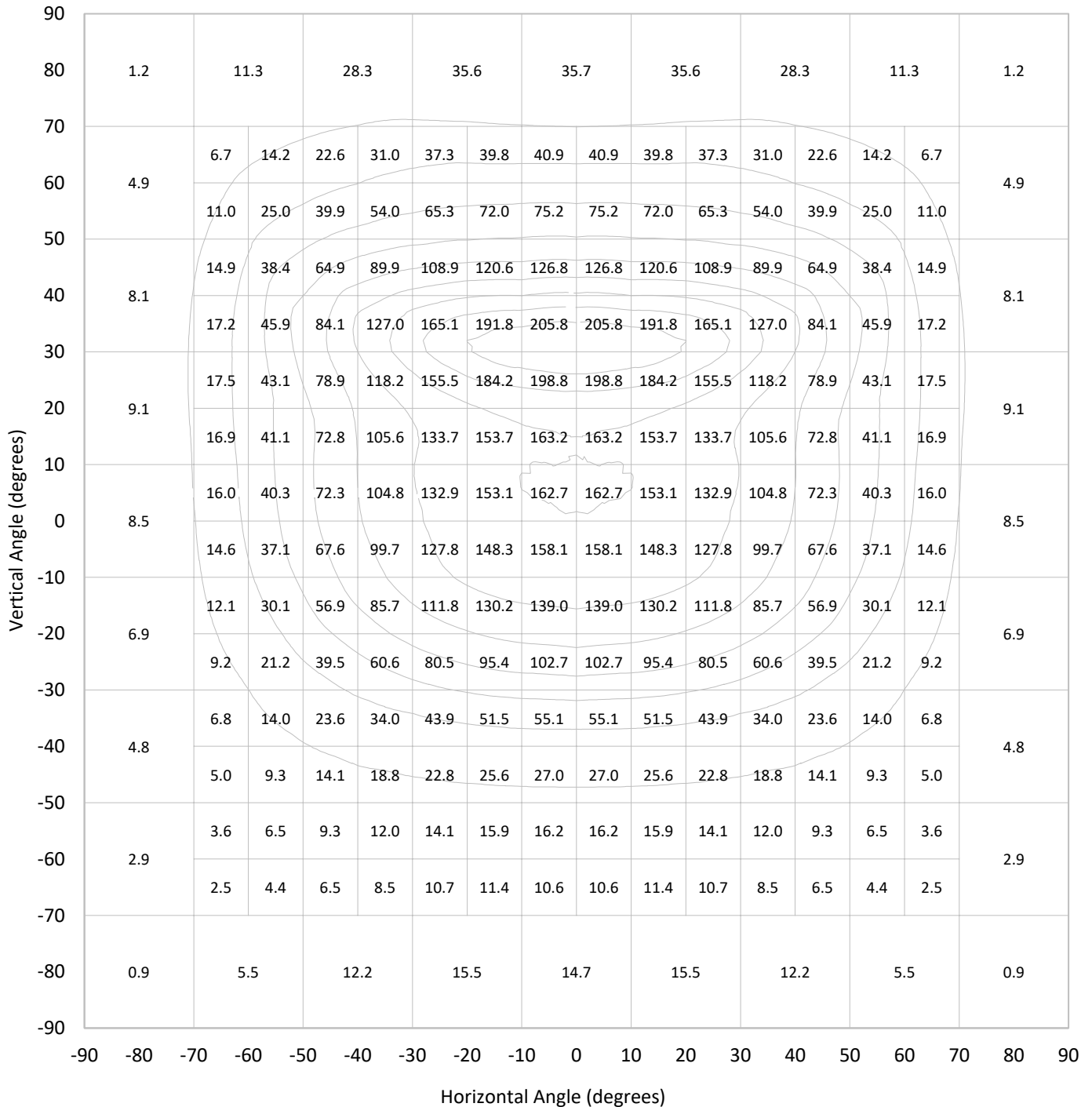
### Iso-Candela Plot





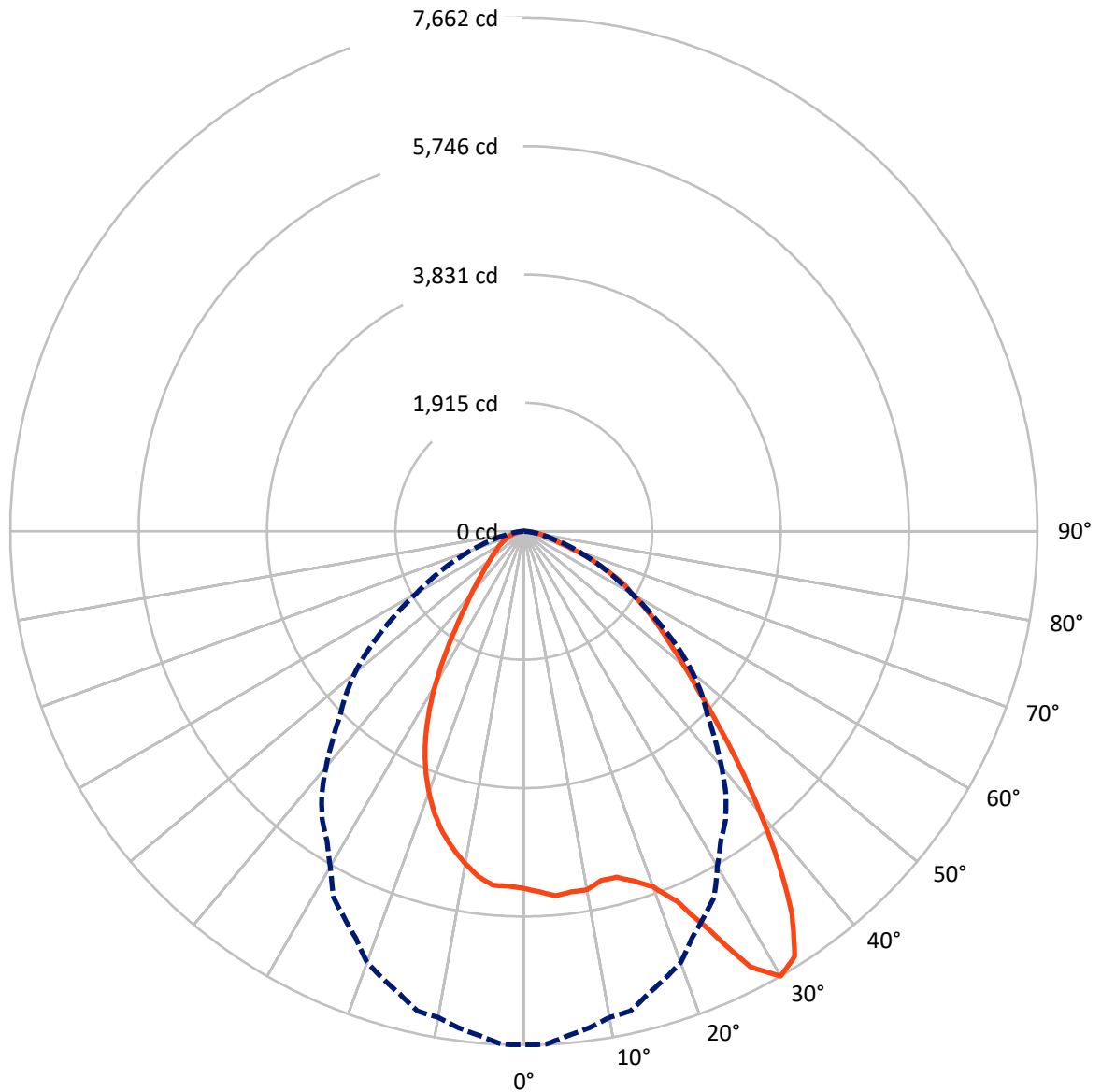
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### Lumen Table



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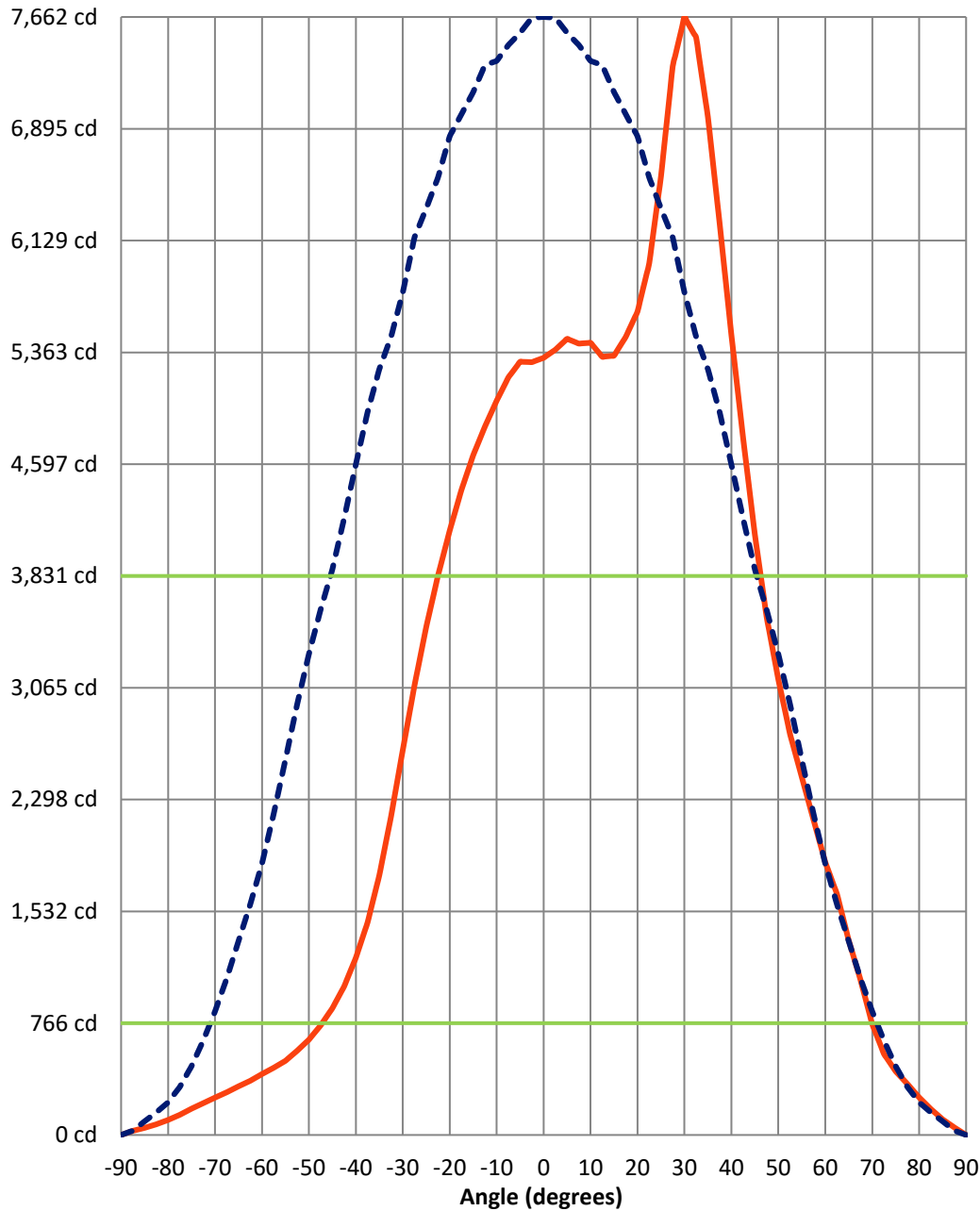
### Luminous Intensity Polar Plot



— 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: 7437.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 11985.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 804.1  
 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°	51.5	52.8	54.2	54.2	52.8	52.8	52.8	51.5	52.8	52.8	52.8
85°	107.0	109.7	112.5	111.1	109.7	107.0	104.3	105.7	107.0	108.4	108.4
82.5°	177.5	181.5	184.3	182.9	180.2	177.5	174.8	176.1	178.8	180.2	180.2
80°	257.4	258.8	260.1	262.8	258.8	258.8	257.4	262.8	265.5	268.3	271.0
77.5°	349.5	350.9	350.9	352.3	353.6	355.0	355.0	364.5	371.2	375.3	379.4
75°	436.3	440.3	444.4	448.5	453.9	456.6	460.6	474.2	485.0	493.2	501.3
72.5°	555.5	560.9	567.7	577.2	586.6	593.4	602.9	619.2	631.4	639.5	649.0
70°	760.1	765.5	772.3	779.0	788.5	795.3	804.8	825.1	837.3	842.7	848.1
67.5°	1063.5	1077.1	1089.3	1075.7	1069.0	1059.5	1062.2	1081.2	1093.4	1101.5	1100.1
65°	1333.2	1342.6	1342.6	1341.3	1335.9	1323.7	1330.5	1353.5	1367.0	1373.8	1353.5
62.5°	1650.2	1650.2	1643.4	1654.3	1655.6	1647.5	1643.4	1644.8	1646.1	1650.2	1616.3
60°	1869.7	1883.2	1887.3	1896.8	1899.5	1899.5	1906.3	1911.7	1911.7	1903.6	1864.3
57.5°	2159.6	2185.4	2190.8	2184.0	2170.5	2152.8	2150.1	2142.0	2125.7	2109.5	2090.5
55°	2452.3	2465.8	2464.5	2460.4	2446.8	2426.5	2429.2	2418.4	2392.6	2372.3	2346.6
52.5°	2746.3	2778.8	2784.2	2776.1	2757.1	2735.4	2736.8	2724.6	2698.8	2677.2	2641.9
50°	3121.6	3148.6	3145.9	3132.4	3105.3	3089.0	3090.4	3067.4	3037.6	3030.8	2984.7
47.5°	3551.0	3582.2	3576.8	3557.8	3521.2	3514.5	3521.2	3491.4	3473.8	3458.9	3404.7
45°	4114.7	4151.2	4130.9	4094.3	4036.1	4042.8	4052.3	4046.9	4009.0	3969.7	3900.6
42.5°	4775.8	4798.8	4774.5	4737.9	4664.7	4678.3	4672.8	4640.3	4617.3	4552.3	4464.2
40°	5483.0	5533.2	5495.2	5438.3	5362.5	5382.8	5367.9	5325.9	5271.7	5190.4	5079.3
37.5°	6245.8	6285.1	6241.8	6175.4	6107.6	6100.8	6071.0	6006.0	5928.8	5839.4	5661.9
35°	6976.1	7077.7	6997.8	6892.1	6809.4	6778.3	6749.8	6599.4	6511.4	6366.4	6123.9
32.5°	7519.4	7593.9	7495.0	7385.2	7285.0	7241.6	7141.4	6962.5	6915.1	6610.3	6388.1
30°	7661.6	7656.2	7553.2	7469.2	7360.8	7331.0	7146.8	6995.0	6843.3	6561.5	6350.1
27.5°	7322.9	7289.0	7190.1	7117.0	7009.9	6974.7	6793.2	6711.9	6477.5	6239.0	6060.2
25°	6568.3	6585.9	6511.4	6474.8	6404.3	6328.5	6256.7	6146.9	6000.6	5791.9	5628.0
22.5°	5973.5	5996.5	5965.4	5922.0	5867.8	5825.8	5771.6	5686.3	5545.4	5416.7	5262.2
20°	5642.9	5636.1	5609.0	5576.5	5525.0	5495.2	5435.6	5363.8	5255.4	5144.3	4977.7
17.5°	5469.5	5427.5	5401.7	5389.6	5362.5	5324.5	5254.1	5180.9	5096.9	4970.9	4849.0
15°	5340.8	5347.6	5327.2	5317.7	5296.1	5243.2	5171.4	5111.8	4998.0	4934.3	4823.2
12.5°	5332.7	5325.9	5327.2	5323.2	5296.1	5228.3	5191.7	5115.9	5042.7	4958.7	4831.4
10°	5428.8	5357.0	5362.5	5381.4	5338.1	5283.9	5244.6	5161.9	5092.8	4985.8	4859.8
7.5°	5423.4	5386.8	5397.7	5366.5	5380.1	5313.7	5259.5	5176.8	5090.1	4976.3	4862.5
5°	5455.9	5400.4	5390.9	5393.6	5359.7	5309.6	5236.5	5157.9	5076.6	4949.2	4832.7
2.5°	5381.4	5389.6	5346.2	5329.9	5325.9	5241.9	5174.1	5098.3	5014.3	4901.8	4797.5
0°	5325.9	5340.8	5296.1	5273.0	5271.7	5199.9	5156.5	5069.8	5010.2	4916.7	4790.7
-2.5°	5296.1	5313.7	5319.1	5277.1	5236.5	5180.9	5107.7	5014.3	4916.7	4808.3	4699.9
-5°	5298.8	5263.6	5248.7	5262.2	5227.0	5171.4	5090.1	5007.5	4911.3	4794.8	4659.3
-7.5°	5191.7	5156.5	5153.8	5147.0	5138.9	5086.1	5018.3	4928.9	4831.4	4723.0	4597.0
-10°	5031.9	5006.1	4999.4	4992.6	4970.9	4939.7	4876.1	4794.8	4706.7	4598.3	4464.2
-12.5°	4854.4	4842.2	4816.5	4798.8	4777.2	4740.6	4679.6	4605.1	4517.0	4420.8	4305.7
-15°	4657.9	4634.9	4609.2	4594.3	4563.1	4519.7	4458.8	4389.7	4293.5	4198.7	4090.3
-17.5°	4420.8	4392.4	4363.9	4359.9	4338.2	4271.8	4214.9	4130.9	4046.9	3956.1	3850.5
-20°	4141.7	4102.5	4083.5	4072.7	4042.8	3994.1	3933.1	3855.9	3774.6	3687.9	3565.9



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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°	3832.8	3799.0	3766.5	3746.1	3720.4	3682.5	3624.2	3556.5	3476.5	3379.0	3266.5
-25°	3481.9	3434.5	3414.2	3391.2	3377.6	3342.4	3285.5	3223.2	3140.5	3045.7	2938.6
-27.5°	3080.9	3043.0	3032.1	2999.6	2983.4	2946.8	2899.4	2841.1	2765.2	2675.8	2587.7
-30°	2637.9	2614.8	2597.2	2564.7	2552.5	2513.2	2482.1	2433.3	2364.2	2300.5	2230.1
-32.5°	2182.6	2159.6	2154.2	2139.3	2131.2	2105.4	2070.2	2035.0	1979.4	1932.0	1875.1
-35°	1778.9	1762.6	1764.0	1762.6	1754.5	1735.6	1692.2	1682.7	1642.1	1598.7	1562.1
-37.5°	1456.5	1457.8	1456.5	1455.1	1444.3	1436.1	1405.0	1392.8	1368.4	1326.4	1304.7
-40°	1213.9	1216.6	1215.3	1212.6	1200.4	1196.3	1176.0	1159.7	1150.3	1120.5	1097.4
-42.5°	1017.5	1021.5	1020.2	1018.8	1010.7	1009.4	998.5	979.5	974.1	956.5	932.1
-45°	868.5	867.1	864.4	867.1	863.0	859.0	852.2	840.0	833.2	825.1	804.8
-47.5°	750.6	751.9	749.2	749.2	743.8	739.7	737.0	728.9	723.5	716.7	704.5
-50°	653.0	658.5	657.1	655.7	651.7	649.0	649.0	640.8	632.7	630.0	621.9
-52.5°	577.2	581.2	582.6	585.3	586.6	588.0	583.9	575.8	562.3	560.9	556.8
-55°	508.1	520.3	528.4	533.8	539.2	543.3	535.2	524.3	510.8	505.4	504.0
-57.5°	460.6	472.8	482.3	490.5	497.2	504.0	495.9	485.0	472.8	466.1	464.7
-60°	417.3	428.1	437.6	448.5	457.9	468.8	464.7	456.6	449.8	444.4	439.0
-62.5°	371.2	382.1	392.9	406.5	418.6	429.5	430.8	429.5	428.1	429.5	420.0
-65°	333.3	338.7	345.5	360.4	373.9	386.1	392.9	397.0	403.7	410.5	401.0
-67.5°	292.6	299.4	307.5	318.4	329.2	337.4	346.8	357.7	368.5	379.4	372.6
-70°	256.1	261.5	268.3	273.7	280.5	285.9	294.0	306.2	318.4	329.2	326.5
-72.5°	218.1	223.5	227.6	230.3	234.4	237.1	241.2	252.0	260.1	265.5	265.5
-75°	180.2	185.6	189.7	191.0	193.7	195.1	197.8	201.9	205.9	207.3	208.6
-77.5°	138.2	143.6	147.7	150.4	153.1	155.8	157.2	159.9	161.2	161.2	162.6
-80°	103.0	107.0	109.7	113.8	115.2	117.9	120.6	121.9	123.3	123.3	124.6
-82.5°	73.2	75.9	78.6	81.3	84.0	85.4	88.1	89.4	90.8	92.1	93.5
-85°	48.8	51.5	54.2	56.9	58.3	59.6	61.0	62.3	63.7	65.0	66.4
-87.5°	28.5	29.8	31.2	33.9	35.2	37.9	39.3	37.9	39.3	39.3	39.3
-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°	52.8	52.8	52.8	52.8	51.5	48.8	47.4	44.7	42.0	39.3	36.6
85°	109.7	111.1	111.1	111.1	108.4	107.0	103.0	98.9	93.5	85.4	78.6
82.5°	182.9	184.3	184.3	182.9	180.2	176.1	170.7	163.9	153.1	142.3	132.8
80°	275.0	276.4	276.4	275.0	268.3	261.5	254.7	246.6	233.0	218.1	201.9
77.5°	384.8	387.5	387.5	383.4	373.9	365.8	355.0	341.4	321.1	299.4	277.7
75°	512.1	518.9	520.3	516.2	504.0	489.1	471.5	448.5	417.3	390.2	364.5
72.5°	659.8	666.6	672.0	666.6	649.0	628.6	602.9	575.8	544.6	508.1	464.7
70°	853.5	860.3	864.4	846.8	815.6	781.7	750.6	719.4	682.8	638.1	590.7
67.5°	1097.4	1090.6	1082.5	1047.3	1008.0	967.4	924.0	877.9	830.5	783.1	727.5
65°	1331.8	1312.8	1295.2	1253.2	1203.1	1150.3	1100.1	1048.6	991.7	932.1	879.3
62.5°	1578.4	1537.7	1494.4	1442.9	1391.4	1333.2	1283.0	1222.1	1158.4	1085.2	1017.5
60°	1820.9	1772.1	1728.8	1665.1	1597.4	1518.8	1464.6	1405.0	1330.5	1251.9	1171.9
57.5°	2055.3	2002.5	1955.0	1899.5	1826.3	1741.0	1681.4	1604.1	1525.6	1426.6	1345.4
55°	2304.6	2251.7	2213.8	2151.5	2071.6	1993.0	1927.9	1846.6	1736.9	1631.2	1531.0
52.5°	2590.5	2548.5	2507.8	2444.1	2347.9	2268.0	2196.2	2105.4	1990.3	1860.2	1739.6
50°	2910.2	2888.5	2845.2	2770.6	2660.9	2590.5	2495.6	2375.0	2251.7	2114.9	1964.5
47.5°	3334.3	3299.0	3238.1	3156.8	3064.6	2959.0	2831.6	2690.7	2515.9	2364.2	2204.3
45°	3841.0	3775.9	3697.4	3587.6	3473.8	3354.6	3215.0	3036.2	2801.8	2604.0	2436.0
42.5°	4389.7	4301.6	4194.6	4051.0	3903.3	3757.0	3606.6	3362.7	3070.1	2842.5	2652.8
40°	4962.8	4850.3	4716.2	4507.6	4343.6	4155.3	3983.2	3618.8	3307.2	3060.6	2858.7
37.5°	5523.7	5381.4	5156.5	4903.2	4712.1	4557.7	4179.7	3789.5	3510.4	3239.4	3034.8
35°	5953.2	5832.6	5435.6	5172.8	5008.8	4765.0	4292.1	3892.5	3597.1	3372.2	3053.8
32.5°	6207.9	5896.3	5548.1	5282.5	5147.0	4747.4	4300.3	3922.3	3637.7	3385.7	3005.0
30°	6151.0	5774.3	5469.5	5247.3	4953.3	4594.3	4224.4	3876.2	3599.8	3295.0	2950.8
27.5°	5808.2	5516.9	5244.6	5012.9	4724.3	4401.9	4060.5	3754.3	3496.8	3201.5	2876.3
25°	5420.7	5156.5	4954.7	4752.8	4479.1	4171.6	3870.8	3649.9	3391.2	3099.9	2778.8
22.5°	5064.4	4874.7	4716.2	4504.8	4237.9	3969.7	3782.7	3553.7	3288.2	2992.8	2678.5
20°	4836.8	4708.1	4526.5	4293.5	4083.5	3915.5	3708.2	3465.7	3192.0	2883.1	2593.2
17.5°	4727.0	4578.0	4376.1	4224.4	4063.2	3878.9	3647.2	3389.8	3098.5	2833.0	2602.6
15°	4670.1	4513.0	4380.2	4231.2	4049.6	3855.9	3598.5	3331.6	3098.5	2853.3	2609.4
12.5°	4682.3	4546.8	4401.9	4239.3	4044.2	3836.9	3603.9	3355.9	3114.8	2868.2	2610.8
10°	4720.3	4578.0	4423.6	4243.4	4046.9	3842.3	3618.8	3370.8	3122.9	2875.0	2608.1
7.5°	4733.8	4579.4	4414.1	4232.5	4040.1	3839.6	3621.5	3374.9	3124.3	2873.6	2599.9
5°	4691.8	4552.3	4392.4	4209.5	4021.2	3826.1	3610.7	3369.5	3113.4	2860.1	2579.6
2.5°	4634.9	4522.5	4369.4	4193.2	4002.2	3807.1	3593.0	3345.1	3089.0	2835.7	2553.9
0°	4625.4	4485.9	4331.4	4174.3	3971.0	3765.1	3552.4	3299.0	3044.3	2789.6	2509.2
-2.5°	4563.1	4415.4	4261.0	4090.3	3911.4	3704.1	3480.6	3232.6	2980.6	2730.0	2460.4
-5°	4515.7	4351.7	4187.8	4003.6	3823.4	3616.1	3384.4	3143.2	2896.6	2652.8	2392.6
-7.5°	4452.0	4284.0	4111.9	3919.6	3724.5	3513.1	3284.1	3043.0	2800.5	2557.9	2308.6
-10°	4323.3	4175.6	4014.4	3815.2	3609.3	3397.9	3170.3	2933.2	2690.7	2445.5	2194.8
-12.5°	4167.5	4011.7	3835.6	3652.7	3468.4	3271.9	3044.3	2811.3	2567.4	2320.8	2071.6
-15°	3965.6	3812.5	3632.3	3453.5	3276.0	3087.7	2887.2	2677.2	2429.2	2186.7	1937.4
-17.5°	3713.6	3570.0	3408.8	3238.1	3061.9	2872.3	2677.2	2499.7	2268.0	2040.4	1793.8
-20°	3442.7	3308.5	3163.6	3002.3	2826.2	2640.6	2456.3	2270.7	2070.2	1869.7	1640.7



REPORT NUMBER: P722168  
 CATALOG NUMBER: IFLD-S-SA3B-827-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3160.8	3025.4	2879.0	2728.6	2566.1	2394.0	2223.3	2045.8	1869.7	1688.1	1494.4
-25°	2835.7	2716.5	2582.3	2436.0	2291.0	2140.6	1978.1	1816.8	1666.5	1509.3	1350.8
-27.5°	2495.6	2385.9	2263.9	2136.6	2011.9	1885.9	1745.0	1596.0	1471.4	1341.3	1209.9
-30°	2137.9	2049.9	1951.0	1839.9	1743.7	1642.1	1524.2	1400.9	1287.1	1188.2	1082.5
-32.5°	1799.2	1724.7	1654.3	1581.1	1486.3	1407.7	1326.4	1235.6	1135.4	1041.9	966.0
-35°	1507.9	1428.0	1398.2	1344.0	1276.3	1207.2	1147.6	1082.5	1006.6	924.0	861.7
-37.5°	1262.7	1215.3	1173.3	1143.5	1098.8	1043.2	995.8	948.4	890.1	827.8	765.5
-40°	1071.7	1039.2	993.1	978.2	949.7	911.8	863.0	826.5	787.2	739.7	686.9
-42.5°	918.6	894.2	864.4	838.6	826.5	799.4	761.4	726.2	695.0	662.5	621.9
-45°	792.6	776.3	757.4	734.3	724.8	703.2	676.1	636.8	619.2	592.1	562.3
-47.5°	691.0	682.8	669.3	654.4	640.8	624.6	600.2	575.8	551.4	533.8	510.8
-50°	611.0	605.6	597.5	585.3	567.7	556.8	540.6	518.9	495.9	481.0	464.7
-52.5°	547.4	541.9	536.5	527.0	513.5	502.6	489.1	471.5	452.5	437.6	424.1
-55°	498.6	490.5	486.4	478.3	467.4	455.2	443.0	430.8	414.6	401.0	387.5
-57.5°	460.6	449.8	444.4	437.6	426.8	414.6	405.1	392.9	382.1	367.2	355.0
-60°	430.8	418.6	407.8	401.0	391.5	379.4	369.9	360.4	349.5	337.4	322.5
-62.5°	406.5	391.5	376.6	368.5	359.0	348.2	338.7	329.2	318.4	306.2	292.6
-65°	383.4	365.8	346.8	338.7	329.2	318.4	306.2	299.4	289.9	279.1	265.5
-67.5°	355.0	336.0	319.7	310.3	300.8	291.3	280.5	273.7	264.2	250.6	237.1
-70°	313.0	300.8	289.9	281.8	273.7	265.5	254.7	243.9	233.0	220.8	208.6
-72.5°	260.1	256.1	254.7	250.6	241.2	231.7	220.8	210.0	200.5	191.0	181.5
-75°	210.0	212.7	215.4	214.1	204.6	195.1	185.6	176.1	169.4	161.2	153.1
-77.5°	166.6	169.4	172.1	172.1	165.3	159.9	153.1	146.3	140.9	134.1	126.0
-80°	128.7	132.8	136.8	139.5	134.1	130.1	124.6	119.2	113.8	108.4	103.0
-82.5°	97.5	101.6	105.7	108.4	104.3	101.6	97.5	93.5	89.4	84.0	79.9
-85°	70.5	73.2	75.9	77.2	74.5	71.8	69.1	66.4	63.7	59.6	56.9
-87.5°	40.6	42.0	43.4	44.7	42.0	39.3	37.9	35.2	33.9	31.2	29.8
-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: P722168  
 CATALOG NUMBER: IFLD-S-SA3B-827-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°	33.9	31.2	28.5	27.1	24.4	20.3	17.6	14.9	12.2	9.5	8.1
85°	71.8	65.0	56.9	52.8	47.4	42.0	36.6	31.2	25.7	20.3	14.9
82.5°	123.3	115.2	107.0	97.5	85.4	70.5	55.5	46.1	37.9	29.8	23.0
80°	185.6	170.7	157.2	145.0	131.4	112.5	92.1	73.2	51.5	39.3	29.8
77.5°	257.4	239.8	220.8	200.5	178.8	153.1	130.1	105.7	79.9	54.2	37.9
75°	338.7	315.7	289.9	261.5	233.0	199.2	166.6	138.2	108.4	75.9	46.1
72.5°	429.5	401.0	369.9	331.9	287.2	247.9	208.6	170.7	135.5	96.2	62.3
70°	546.0	501.3	455.2	414.6	357.7	295.4	249.3	205.9	161.2	117.9	78.6
67.5°	670.6	616.5	560.9	501.3	429.5	356.3	289.9	241.2	188.3	138.2	93.5
65°	806.1	738.4	667.9	601.5	502.6	415.9	341.4	275.0	214.1	157.2	108.4
62.5°	945.7	865.7	784.5	697.7	583.9	476.9	390.2	313.0	238.5	174.8	121.9
60°	1094.7	1001.2	902.3	793.9	661.2	543.3	436.3	352.3	264.2	192.4	136.8
57.5°	1251.9	1150.3	1033.7	887.4	741.1	607.0	489.1	387.5	287.2	208.6	147.7
55°	1422.6	1306.1	1178.7	985.0	819.7	670.6	541.9	422.7	311.6	222.2	158.5
52.5°	1606.8	1471.4	1310.1	1087.9	902.3	735.7	590.7	453.9	334.6	237.1	168.0
50°	1812.8	1642.1	1425.3	1182.8	974.1	796.6	639.5	487.7	353.6	253.4	176.1
47.5°	2026.8	1842.6	1528.3	1270.8	1047.3	856.3	689.6	517.5	372.6	266.9	184.3
45°	2250.4	1982.1	1635.3	1349.4	1111.0	910.5	727.5	544.6	395.6	279.1	191.0
42.5°	2471.2	2087.8	1728.8	1428.0	1170.6	959.2	758.7	570.4	414.6	291.3	197.8
40°	2575.6	2167.7	1803.3	1482.2	1220.7	1002.6	785.8	593.4	430.8	299.4	204.6
37.5°	2618.9	2216.5	1852.1	1533.7	1260.0	1025.6	808.8	613.7	444.4	307.5	210.0
35°	2628.4	2234.1	1876.5	1568.9	1292.5	1047.3	826.5	628.6	455.2	315.7	215.4
32.5°	2610.8	2228.7	1883.2	1581.1	1312.8	1063.5	838.6	639.5	463.4	323.8	220.8
30°	2571.5	2200.3	1858.8	1579.7	1327.7	1073.0	846.8	647.6	471.5	329.2	223.5
27.5°	2507.8	2150.1	1827.7	1581.1	1335.9	1077.1	850.8	651.7	476.9	333.3	229.0
25°	2429.2	2082.4	1829.0	1578.4	1337.2	1078.5	850.8	651.7	478.3	334.6	233.0
22.5°	2338.5	2082.4	1829.0	1574.3	1329.1	1075.7	846.8	649.0	478.3	337.4	237.1
20°	2343.9	2083.7	1825.0	1566.2	1316.9	1067.6	837.3	642.2	474.2	341.4	239.8
17.5°	2347.9	2081.0	1816.8	1555.4	1300.6	1054.1	825.1	632.7	474.2	345.5	241.2
15°	2347.9	2072.9	1804.6	1539.1	1280.3	1035.1	807.5	624.6	475.5	346.8	243.9
12.5°	2343.9	2058.0	1785.7	1517.4	1255.9	1012.1	796.6	621.9	475.5	348.2	243.9
10°	2335.7	2037.7	1761.3	1490.3	1232.9	1003.9	791.2	616.5	472.8	348.2	243.9
7.5°	2320.8	2013.3	1741.0	1474.1	1219.4	994.5	783.1	608.3	468.8	345.5	246.6
5°	2297.8	1999.7	1724.7	1455.1	1200.4	987.7	777.7	601.5	466.1	345.5	243.9
2.5°	2268.0	1983.5	1705.7	1430.7	1178.7	964.6	760.1	586.6	456.6	340.1	241.2
0°	2219.2	1951.0	1673.2	1396.8	1148.9	941.6	742.5	571.7	447.1	334.6	238.5
-2.5°	2174.5	1907.6	1631.2	1361.6	1120.5	921.3	728.9	563.6	443.0	333.3	237.1
-5°	2112.2	1848.0	1575.7	1315.6	1082.5	901.0	715.4	554.1	439.0	330.6	237.1
-7.5°	2043.1	1785.7	1517.4	1268.1	1044.6	865.7	689.6	539.2	429.5	325.2	235.7
-10°	1936.1	1692.2	1444.3	1213.9	1003.9	834.6	667.9	525.7	421.4	319.7	230.3
-12.5°	1822.3	1589.2	1360.3	1147.6	957.9	802.1	643.5	510.8	411.9	314.3	227.6
-15°	1701.7	1483.6	1272.2	1078.5	907.7	762.8	617.8	494.5	402.4	307.5	223.5
-17.5°	1575.7	1372.5	1181.4	1008.0	857.6	722.1	590.7	479.6	391.5	300.8	219.5
-20°	1442.9	1258.6	1089.3	936.2	804.8	681.5	562.3	462.0	379.4	292.6	214.1



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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°	1311.5	1146.2	994.5	865.7	750.6	639.5	533.8	444.4	365.8	283.2	210.0
-25°	1195.0	1040.5	910.5	798.0	697.7	598.8	504.0	426.8	350.9	273.7	204.6
-27.5°	1081.2	949.7	827.8	734.3	646.3	559.5	475.5	407.8	336.0	262.8	199.2
-30°	975.5	863.0	762.8	672.0	597.5	524.3	451.2	388.8	319.7	252.0	192.4
-32.5°	879.3	788.5	704.5	617.8	551.4	489.1	428.1	369.9	303.5	241.2	185.6
-35°	789.9	719.4	646.3	573.1	505.4	456.6	403.7	349.5	288.6	229.0	178.8
-37.5°	709.9	653.0	594.8	532.5	474.2	425.4	380.7	329.2	273.7	218.1	172.1
-40°	640.8	594.8	543.3	493.2	444.4	398.3	357.7	308.9	258.8	210.0	165.3
-42.5°	577.2	541.9	499.9	457.9	414.6	373.9	334.6	287.2	243.9	200.5	158.5
-45°	528.4	493.2	459.3	421.4	384.8	349.5	310.3	268.3	230.3	189.7	151.7
-47.5°	482.3	451.2	420.0	388.8	359.0	326.5	287.2	252.0	215.4	180.2	146.3
-50°	441.7	411.9	384.8	357.7	331.9	300.8	264.2	235.7	203.2	170.7	139.5
-52.5°	403.7	378.0	350.9	329.2	307.5	276.4	246.6	219.5	191.0	159.9	132.8
-55°	369.9	345.5	321.1	300.8	280.5	253.4	229.0	205.9	178.8	151.7	126.0
-57.5°	337.4	317.0	294.0	275.0	254.7	233.0	212.7	191.0	166.6	143.6	119.2
-60°	307.5	288.6	268.3	249.3	231.7	214.1	195.1	177.5	155.8	134.1	112.5
-62.5°	277.7	261.5	243.9	224.9	211.4	195.1	180.2	162.6	145.0	126.0	100.3
-65°	250.6	235.7	219.5	203.2	191.0	178.8	165.3	149.0	134.1	116.5	89.4
-67.5°	223.5	210.0	196.5	182.9	172.1	162.6	149.0	136.8	124.6	105.7	78.6
-70°	197.8	187.0	174.8	163.9	155.8	145.0	135.5	124.6	113.8	92.1	66.4
-72.5°	173.4	162.6	153.1	145.0	138.2	128.7	120.6	112.5	97.5	77.2	55.5
-75°	145.0	138.2	132.8	126.0	119.2	112.5	105.7	96.2	81.3	62.3	43.4
-77.5°	119.2	115.2	111.1	105.7	100.3	94.8	86.7	77.2	65.0	48.8	35.2
-80°	97.5	93.5	90.8	85.4	81.3	75.9	67.7	59.6	47.4	37.9	28.5
-82.5°	74.5	71.8	69.1	66.4	62.3	56.9	48.8	42.0	35.2	28.5	21.7
-85°	52.8	51.5	48.8	46.1	42.0	37.9	32.5	28.5	24.4	19.0	14.9
-87.5°	27.1	25.7	24.4	23.0	21.7	19.0	16.3	13.5	12.2	9.5	6.8
-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: P722168  
 CATALOG NUMBER: IFLD-S-SA3B-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.4	4.1	1.4	0.0
85°	10.8	6.8	2.7	0.0
82.5°	16.3	10.8	4.1	0.0
80°	21.7	13.5	6.8	0.0
77.5°	27.1	16.3	8.1	0.0
75°	32.5	20.3	9.5	0.0
72.5°	36.6	23.0	10.8	0.0
70°	43.4	27.1	12.2	0.0
67.5°	54.2	29.8	13.5	0.0
65°	63.7	32.5	14.9	0.0
62.5°	74.5	35.2	16.3	0.0
60°	84.0	37.9	17.6	0.0
57.5°	93.5	44.7	19.0	0.0
55°	101.6	50.1	20.3	0.0
52.5°	111.1	55.5	21.7	0.0
50°	119.2	61.0	23.0	0.0
47.5°	126.0	66.4	23.0	0.0
45°	131.4	70.5	24.4	0.0
42.5°	135.5	74.5	25.7	0.0
40°	139.5	78.6	27.1	0.0
37.5°	143.6	82.6	27.1	0.0
35°	147.7	86.7	28.5	0.0
32.5°	151.7	90.8	28.5	0.0
30°	154.5	93.5	29.8	0.0
27.5°	158.5	96.2	29.8	0.0
25°	159.9	98.9	31.2	0.0
22.5°	162.6	100.3	31.2	0.0
20°	165.3	103.0	31.2	0.0
17.5°	166.6	104.3	32.5	0.0
15°	166.6	105.7	33.9	0.0
12.5°	168.0	107.0	33.9	0.0
10°	168.0	109.7	32.5	0.0
7.5°	170.7	108.4	32.5	0.0
5°	169.4	108.4	32.5	0.0
2.5°	168.0	107.0	32.5	0.0
0°	166.6	107.0	32.5	0.0
-2.5°	166.6	107.0	32.5	0.0
-5°	166.6	107.0	32.5	0.0
-7.5°	165.3	108.4	32.5	0.0
-10°	162.6	108.4	32.5	0.0
-12.5°	161.2	104.3	32.5	0.0
-15°	159.9	103.0	32.5	0.0
-17.5°	157.2	101.6	31.2	0.0
-20°	154.5	100.3	31.2	0.0



REPORT NUMBER: P722168

CATALOG NUMBER: IFLD-S-SA3B-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	151.7	97.5	31.2	0.0
-25°	149.0	94.8	29.8	0.0
-27.5°	146.3	92.1	29.8	0.0
-30°	142.3	89.4	28.5	0.0
-32.5°	138.2	86.7	28.5	0.0
-35°	135.5	82.6	27.1	0.0
-37.5°	131.4	78.6	27.1	0.0
-40°	127.4	74.5	25.7	0.0
-42.5°	123.3	70.5	24.4	0.0
-45°	117.9	66.4	24.4	0.0
-47.5°	113.8	62.3	23.0	0.0
-50°	107.0	56.9	21.7	0.0
-52.5°	98.9	51.5	20.3	0.0
-55°	90.8	47.4	19.0	0.0
-57.5°	82.6	42.0	19.0	0.0
-60°	74.5	36.6	17.6	0.0
-62.5°	66.4	33.9	16.3	0.0
-65°	58.3	31.2	14.9	0.0
-67.5°	48.8	27.1	13.5	0.0
-70°	40.6	24.4	12.2	0.0
-72.5°	35.2	21.7	10.8	0.0
-75°	29.8	19.0	9.5	0.0
-77.5°	25.7	16.3	8.1	0.0
-80°	20.3	12.2	5.4	0.0
-82.5°	14.9	9.5	4.1	0.0
-85°	9.5	6.8	2.7	0.0
-87.5°	5.4	2.7	1.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)