

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: P722228

Luminaire Tested: **IFLD-S-SA3D-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722228  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

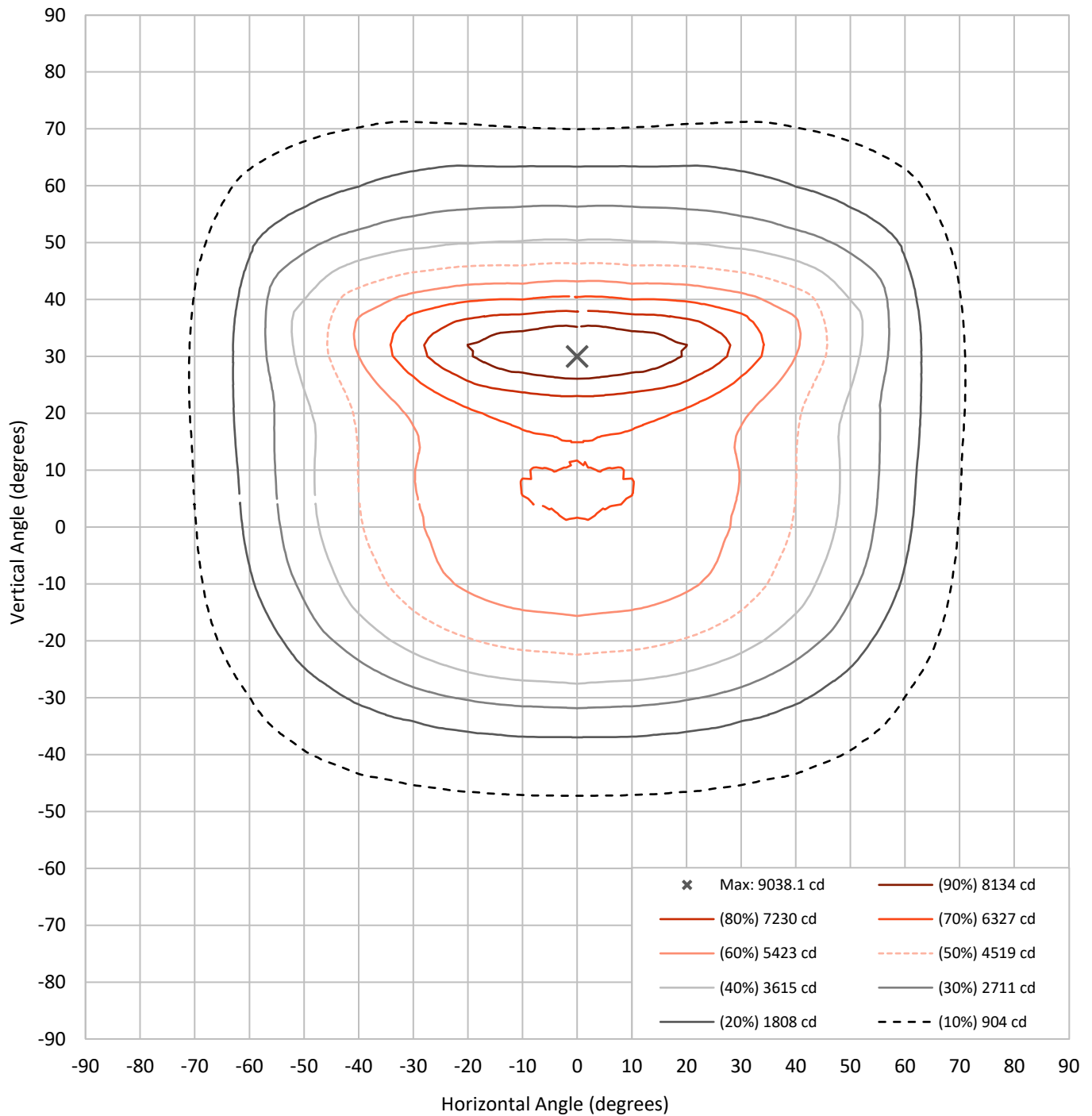
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15086.9 lumens	Max Intensity:	9038.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8773.2 lumens	Field Lumens:	14138.4 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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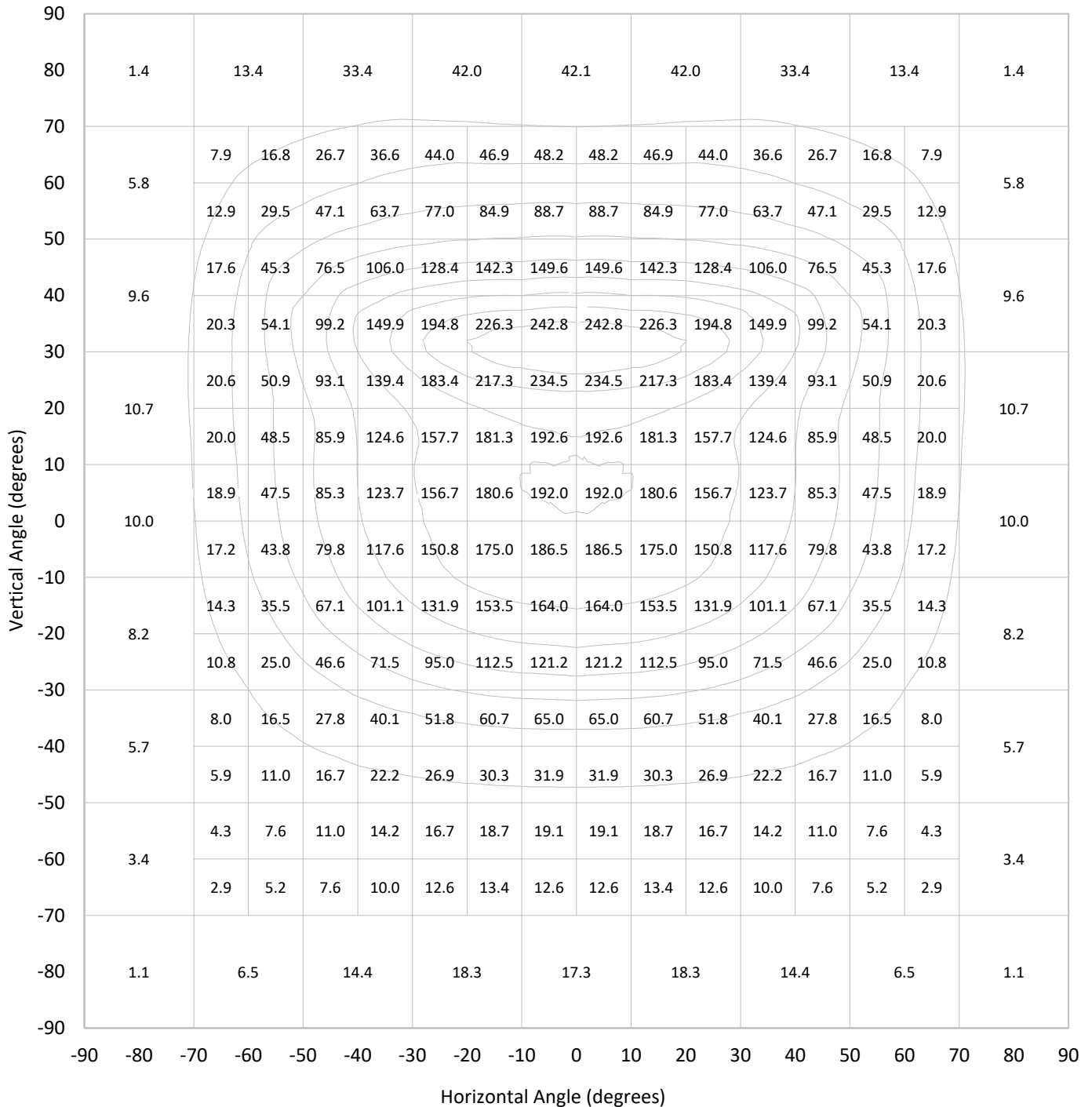
### Iso-Candela Plot





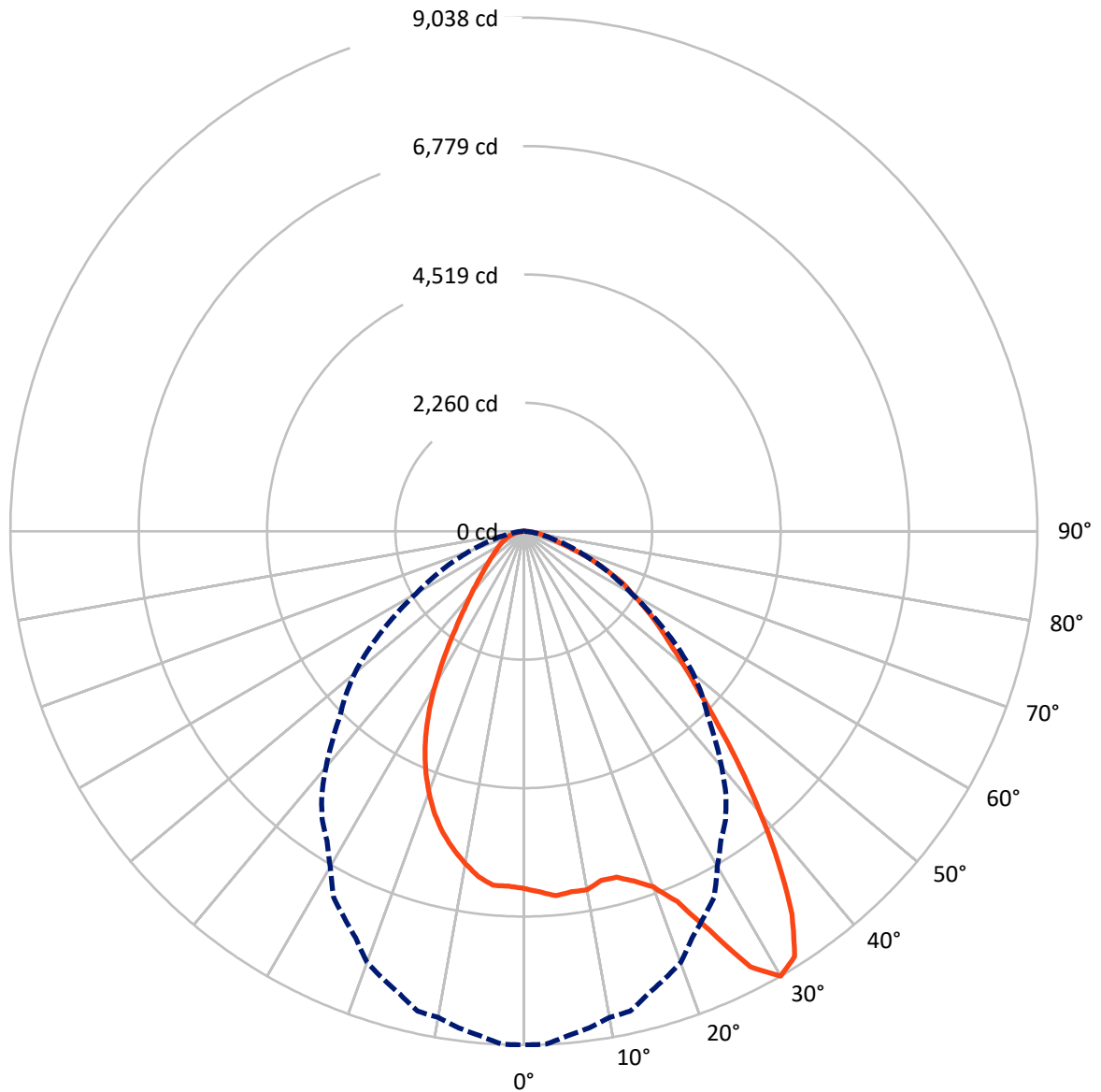
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### Lumen Table



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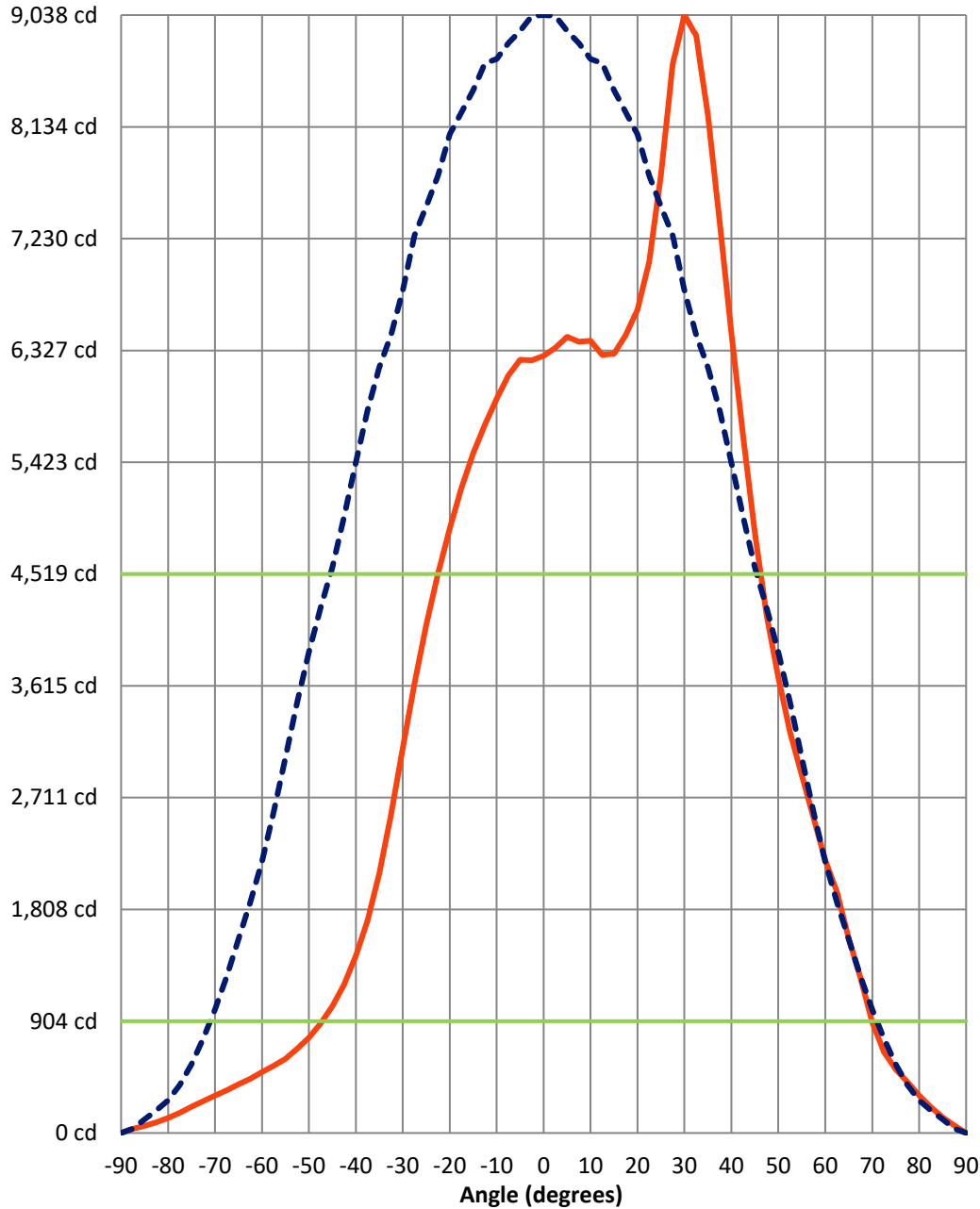
### Luminous Intensity Polar Plot



— 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: 8773.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 14138.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 948.5  
 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°	60.7	62.3	63.9	63.9	62.3	62.3	62.3	60.7	62.3	62.3	62.3
85°	126.3	129.5	132.7	131.1	129.5	126.3	123.1	124.7	126.3	127.9	127.9
82.5°	209.4	214.2	217.4	215.8	212.6	209.4	206.2	207.8	211.0	212.6	212.6
80°	303.7	305.3	306.9	310.1	305.3	305.3	303.7	310.1	313.3	316.5	319.7
77.5°	412.4	413.9	413.9	415.5	417.1	418.7	418.7	429.9	437.9	442.7	447.5
75°	514.6	519.4	524.2	529.0	535.4	538.6	543.4	559.4	572.2	581.8	591.4
72.5°	655.3	661.7	669.7	680.9	692.0	700.0	711.2	730.4	744.8	754.4	765.6
70°	896.6	903.0	911.0	919.0	930.2	938.2	949.4	973.3	987.7	994.1	1000.5
67.5°	1254.6	1270.6	1285.0	1269.0	1261.0	1249.8	1253.0	1275.4	1289.8	1299.4	1297.8
65°	1572.7	1583.9	1583.9	1582.3	1575.9	1561.5	1569.5	1596.7	1612.6	1620.6	1596.7
62.5°	1946.7	1946.7	1938.7	1951.5	1953.1	1943.5	1938.7	1940.3	1941.9	1946.7	1906.7
60°	2205.6	2221.6	2226.4	2237.6	2240.8	2240.8	2248.7	2255.1	2255.1	2245.6	2199.2
57.5°	2547.6	2578.0	2584.4	2576.4	2560.4	2539.6	2536.4	2526.8	2507.7	2488.5	2466.1
55°	2892.8	2908.8	2907.2	2902.4	2886.5	2862.5	2865.7	2852.9	2822.5	2798.5	2768.2
52.5°	3239.7	3278.0	3284.4	3274.8	3252.5	3226.9	3228.5	3214.1	3183.7	3158.2	3116.6
50°	3682.4	3714.3	3711.2	3695.2	3663.2	3644.0	3645.6	3618.5	3583.3	3575.3	3521.0
47.5°	4189.0	4225.8	4219.4	4197.0	4153.9	4145.9	4153.9	4118.7	4097.9	4080.4	4016.4
45°	4853.9	4897.1	4873.1	4829.9	4761.2	4769.2	4780.4	4774.0	4729.2	4682.9	4601.4
42.5°	5633.9	5661.0	5632.3	5589.1	5502.8	5518.8	5512.4	5474.0	5446.9	5370.1	5266.3
40°	6468.1	6527.3	6482.5	6415.4	6325.9	6349.9	6332.3	6282.7	6218.8	6122.9	5991.9
37.5°	7368.0	7414.3	7363.2	7284.9	7204.9	7197.0	7161.8	7085.1	6994.0	6888.5	6679.1
35°	8229.4	8349.3	8255.0	8130.3	8032.8	7996.1	7962.5	7785.1	7681.2	7510.2	7224.1
32.5°	8870.3	8958.2	8841.6	8712.1	8593.8	8542.7	8424.4	8213.4	8157.5	7797.9	7535.8
30°	9038.1	9031.8	8910.3	8811.2	8683.3	8648.2	8430.8	8251.8	8072.8	7740.4	7491.0
27.5°	8638.6	8598.6	8482.0	8395.6	8269.4	8227.8	8013.7	7917.8	7641.3	7360.0	7149.0
25°	7748.4	7769.1	7681.2	7638.1	7555.0	7465.5	7380.8	7251.3	7078.7	6832.5	6639.2
22.5°	7046.7	7073.9	7037.1	6986.0	6922.1	6872.5	6808.6	6707.9	6541.7	6389.8	6207.6
20°	6656.7	6648.7	6616.8	6578.4	6517.7	6482.5	6412.2	6327.5	6199.6	6068.6	5872.0
17.5°	6452.2	6402.6	6372.3	6357.9	6325.9	6281.2	6198.0	6111.7	6012.6	5864.0	5720.2
15°	6300.3	6308.3	6284.3	6273.2	6247.6	6185.3	6100.5	6030.2	5896.0	5820.9	5689.8
12.5°	6290.7	6282.7	6284.3	6279.6	6247.6	6167.7	6124.5	6035.0	5948.7	5849.6	5699.4
10°	6404.2	6319.5	6325.9	6348.3	6297.1	6233.2	6186.9	6089.4	6007.8	5881.6	5732.9
7.5°	6397.8	6354.7	6367.5	6330.7	6346.7	6268.4	6204.4	6106.9	6004.7	5870.4	5736.1
5°	6436.2	6370.7	6359.5	6362.7	6322.7	6263.6	6177.3	6084.6	5988.7	5838.4	5701.0
2.5°	6348.3	6357.9	6306.7	6287.5	6282.7	6183.7	6103.7	6014.2	5915.1	5782.5	5659.4
0°	6282.7	6300.3	6247.6	6220.4	6218.8	6134.1	6083.0	5980.7	5910.4	5800.1	5651.4
-2.5°	6247.6	6268.4	6274.8	6225.2	6177.3	6111.7	6025.4	5915.1	5800.1	5672.2	5544.4
-5°	6250.8	6209.2	6191.6	6207.6	6166.1	6100.5	6004.7	5907.2	5793.7	5656.2	5496.4
-7.5°	6124.5	6083.0	6079.8	6071.8	6062.2	5999.9	5919.9	5814.5	5699.4	5571.5	5422.9
-10°	5935.9	5905.6	5897.6	5889.6	5864.0	5827.2	5752.1	5656.2	5552.3	5424.5	5266.3
-12.5°	5726.6	5712.2	5681.8	5661.0	5635.5	5592.3	5520.4	5432.5	5328.6	5215.1	5079.3
-15°	5494.8	5467.6	5437.3	5419.7	5382.9	5331.8	5259.9	5178.4	5064.9	4953.0	4825.1
-17.5°	5215.1	5181.5	5148.0	5143.2	5117.6	5039.3	4972.2	4873.1	4774.0	4666.9	4542.2
-20°	4885.9	4839.5	4817.1	4804.4	4769.2	4711.7	4639.7	4548.6	4452.7	4350.5	4206.6



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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°	4521.5	4481.5	4443.2	4419.2	4388.8	4344.1	4275.3	4195.4	4101.1	3986.1	3853.4
-25°	4107.5	4051.6	4027.6	4000.4	3984.5	3942.9	3875.8	3802.3	3704.8	3592.9	3466.6
-27.5°	3634.4	3589.7	3576.9	3538.5	3519.4	3476.2	3420.3	3351.5	3262.0	3156.6	3052.7
-30°	3111.8	3084.6	3063.9	3025.5	3011.1	2964.8	2928.0	2870.5	2789.0	2713.8	2630.7
-32.5°	2574.8	2547.6	2541.2	2523.6	2514.1	2483.7	2442.1	2400.6	2335.1	2279.1	2212.0
-35°	2098.5	2079.3	2080.9	2079.3	2069.7	2047.4	1996.2	1985.0	1937.1	1885.9	1842.8
-37.5°	1718.1	1719.7	1718.1	1716.5	1703.7	1694.2	1657.4	1643.0	1614.2	1564.7	1539.1
-40°	1432.0	1435.2	1433.6	1430.4	1416.1	1411.3	1387.3	1368.1	1356.9	1321.8	1294.6
-42.5°	1200.3	1205.1	1203.5	1201.9	1192.3	1190.7	1177.9	1155.5	1149.1	1128.4	1099.6
-45°	1024.5	1022.9	1019.7	1022.9	1018.1	1013.3	1005.3	990.9	982.9	973.3	949.4
-47.5°	885.4	887.0	883.8	883.8	877.4	872.6	869.5	859.9	853.5	845.5	831.1
-50°	770.4	776.8	775.2	773.6	768.8	765.6	765.6	756.0	746.4	743.2	733.6
-52.5°	680.9	685.7	687.3	690.4	692.0	693.6	688.8	679.3	663.3	661.7	656.9
-55°	599.3	613.7	623.3	629.7	636.1	640.9	631.3	618.5	602.5	596.1	594.6
-57.5°	543.4	557.8	569.0	578.6	586.6	594.6	585.0	572.2	557.8	549.8	548.2
-60°	492.3	505.0	516.2	529.0	540.2	553.0	548.2	538.6	530.6	524.2	517.8
-62.5°	437.9	450.7	463.5	479.5	493.9	506.6	508.2	506.6	505.0	506.6	495.5
-65°	393.2	399.6	407.6	425.1	441.1	455.5	463.5	468.3	476.3	484.3	473.1
-67.5°	345.2	353.2	362.8	375.6	388.4	398.0	409.2	421.9	434.7	447.5	439.5
-70°	302.1	308.5	316.5	322.8	330.8	337.2	346.8	361.2	375.6	388.4	385.2
-72.5°	257.3	263.7	268.5	271.7	276.5	279.7	284.5	297.3	306.9	313.3	313.3
-75°	212.6	219.0	223.8	225.4	228.6	230.1	233.3	238.1	242.9	244.5	246.1
-77.5°	163.0	169.4	174.2	177.4	180.6	183.8	185.4	188.6	190.2	190.2	191.8
-80°	121.5	126.3	129.5	134.3	135.9	139.0	142.2	143.8	145.4	145.4	147.0
-82.5°	86.3	89.5	92.7	95.9	99.1	100.7	103.9	105.5	107.1	108.7	110.3
-85°	57.5	60.7	63.9	67.1	68.7	70.3	71.9	73.5	75.1	76.7	78.3
-87.5°	33.6	35.2	36.8	40.0	41.6	44.8	46.3	44.8	46.3	46.3	46.3
-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°	62.3	62.3	62.3	62.3	60.7	57.5	55.9	52.7	49.5	46.3	43.2
85°	129.5	131.1	131.1	131.1	127.9	126.3	121.5	116.7	110.3	100.7	92.7
82.5°	215.8	217.4	217.4	215.8	212.6	207.8	201.4	193.4	180.6	167.8	156.6
80°	324.4	326.0	326.0	324.4	316.5	308.5	300.5	290.9	274.9	257.3	238.1
77.5°	453.9	457.1	457.1	452.3	441.1	431.5	418.7	402.8	378.8	353.2	327.6
75°	604.1	612.1	613.7	608.9	594.6	577.0	556.2	529.0	492.3	460.3	429.9
72.5°	778.4	786.3	792.7	786.3	765.6	741.6	711.2	679.3	642.5	599.3	548.2
70°	1006.9	1014.9	1019.7	998.9	962.2	922.2	885.4	848.7	805.5	752.8	696.8
67.5°	1294.6	1286.6	1277.0	1235.5	1189.1	1141.2	1090.0	1035.7	979.7	923.8	858.3
65°	1571.1	1548.7	1527.9	1478.4	1419.3	1356.9	1297.8	1237.1	1169.9	1099.6	1037.3
62.5°	1862.0	1814.0	1762.9	1702.1	1641.4	1572.7	1513.5	1441.6	1366.5	1280.2	1200.3
60°	2148.1	2090.5	2039.4	1964.3	1884.3	1791.6	1727.7	1657.4	1569.5	1476.8	1382.5
57.5°	2424.6	2362.2	2306.3	2240.8	2154.5	2053.8	1983.4	1892.3	1799.6	1683.0	1587.1
55°	2718.6	2656.3	2611.6	2538.0	2443.7	2351.0	2274.3	2178.4	2049.0	1924.3	1806.0
52.5°	3055.9	3006.3	2958.4	2883.3	2769.8	2675.5	2590.8	2483.7	2347.8	2194.4	2052.2
50°	3433.1	3407.5	3356.3	3268.4	3139.0	3055.9	2944.0	2801.7	2656.3	2494.9	2317.5
47.5°	3933.3	3891.8	3819.8	3723.9	3615.3	3490.6	3340.4	3174.1	2968.0	2789.0	2600.4
45°	4531.1	4454.3	4361.6	4232.2	4097.9	3957.3	3792.7	3581.7	3305.2	3071.9	2873.7
42.5°	5178.4	5074.5	4948.2	4778.8	4604.6	4432.0	4254.6	3966.9	3621.7	3353.1	3129.4
40°	5854.4	5721.8	5563.5	5317.4	5124.0	4901.9	4698.9	4268.9	3901.3	3610.5	3372.3
37.5°	6516.1	6348.3	6083.0	5784.1	5558.7	5376.5	4930.6	4470.3	4141.1	3821.4	3580.1
35°	7022.7	6880.5	6412.2	6102.1	5908.8	5621.1	5063.3	4591.8	4243.4	3978.1	3602.5
32.5°	7323.2	6955.6	6544.9	6231.6	6071.8	5600.3	5072.9	4627.0	4291.3	3994.0	3544.9
30°	7256.1	6811.8	6452.2	6190.0	5843.2	5419.7	4983.4	4572.6	4246.6	3887.0	3481.0
27.5°	6851.7	6508.1	6186.9	5913.6	5573.1	5192.7	4790.0	4428.8	4125.1	3776.7	3393.1
25°	6394.6	6083.0	5844.8	5606.7	5283.8	4921.0	4566.2	4305.7	4000.4	3656.8	3278.0
22.5°	5974.3	5750.5	5563.5	5314.2	4999.3	4682.9	4462.3	4192.2	3879.0	3530.6	3159.8
20°	5705.8	5553.9	5339.8	5064.9	4817.1	4619.0	4374.4	4088.3	3765.5	3401.1	3059.1
17.5°	5576.3	5400.5	5162.4	4983.4	4793.2	4575.8	4302.5	3998.8	3655.2	3342.0	3070.3
15°	5509.2	5323.8	5167.2	4991.4	4777.2	4548.6	4245.0	3930.1	3655.2	3365.9	3078.2
12.5°	5523.6	5363.8	5192.7	5000.9	4770.8	4526.3	4251.4	3958.9	3674.4	3383.5	3079.8
10°	5568.3	5400.5	5218.3	5005.7	4774.0	4532.7	4268.9	3976.5	3684.0	3391.5	3076.6
7.5°	5584.3	5402.1	5207.1	4993.0	4766.0	4529.5	4272.1	3981.3	3685.6	3389.9	3067.1
5°	5534.8	5370.1	5181.5	4965.8	4743.6	4513.5	4259.4	3974.9	3672.8	3373.9	3043.1
2.5°	5467.6	5335.0	5154.4	4946.6	4721.3	4491.1	4238.6	3946.1	3644.0	3345.2	3012.7
0°	5456.4	5291.8	5109.6	4924.2	4684.5	4441.6	4190.6	3891.8	3591.3	3290.8	2960.0
-2.5°	5382.9	5208.7	5026.5	4825.1	4614.2	4369.6	4105.9	3813.4	3516.2	3220.5	2902.4
-5°	5327.0	5133.6	4940.2	4722.8	4510.3	4265.7	3992.4	3708.0	3417.1	3129.4	2822.5
-7.5°	5251.9	5053.7	4850.7	4623.8	4393.6	4144.3	3874.2	3589.7	3303.6	3017.5	2723.4
-10°	5100.0	4925.8	4735.6	4500.7	4257.8	4008.4	3739.9	3460.2	3174.1	2884.9	2589.2
-12.5°	4916.2	4732.4	4524.7	4308.9	4091.5	3859.8	3591.3	3316.4	3028.7	2737.8	2443.7
-15°	4678.1	4497.5	4284.9	4074.0	3864.6	3642.4	3405.9	3158.2	2865.7	2579.6	2285.5
-17.5°	4380.8	4211.4	4021.2	3819.8	3612.1	3388.3	3158.2	2948.8	2675.5	2407.0	2116.1
-20°	4061.2	3902.9	3731.9	3541.7	3334.0	3115.0	2897.6	2678.7	2442.1	2205.6	1935.5



REPORT NUMBER: P722228

CATALOG NUMBER: IFLD-S-SA3D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3728.7	3568.9	3396.3	3218.9	3027.1	2824.1	2622.7	2413.4	2205.6	1991.4	1762.9
-25°	3345.2	3204.5	3046.3	2873.7	2702.7	2525.2	2333.5	2143.3	1965.9	1780.5	1593.5
-27.5°	2944.0	2814.5	2670.7	2520.5	2373.4	2224.8	2058.6	1882.7	1735.7	1582.3	1427.2
-30°	2522.0	2418.2	2301.5	2170.4	2057.0	1937.1	1798.0	1652.6	1518.3	1401.7	1277.0
-32.5°	2122.5	2034.6	1951.5	1865.2	1753.3	1660.6	1564.7	1457.6	1339.3	1229.1	1139.6
-35°	1778.9	1684.6	1649.4	1585.5	1505.6	1424.0	1353.7	1277.0	1187.5	1090.0	1016.5
-37.5°	1489.6	1433.6	1384.1	1348.9	1296.2	1230.7	1174.7	1118.8	1050.1	976.5	903.0
-40°	1264.2	1225.9	1171.5	1153.9	1120.4	1075.6	1018.1	974.9	928.6	872.6	810.3
-42.5°	1083.6	1054.8	1019.7	989.3	974.9	943.0	898.2	856.7	819.9	781.5	733.6
-45°	935.0	915.8	893.4	866.3	855.1	829.5	797.5	751.2	730.4	698.4	663.3
-47.5°	815.1	805.5	789.5	772.0	756.0	736.8	708.0	679.3	650.5	629.7	602.5
-50°	720.8	714.4	704.8	690.4	669.7	656.9	637.7	612.1	585.0	567.4	548.2
-52.5°	645.7	639.3	632.9	621.7	605.7	593.0	577.0	556.2	533.8	516.2	500.3
-55°	588.2	578.6	573.8	564.2	551.4	537.0	522.6	508.2	489.1	473.1	457.1
-57.5°	543.4	530.6	524.2	516.2	503.5	489.1	477.9	463.5	450.7	433.1	418.7
-60°	508.2	493.9	481.1	473.1	461.9	447.5	436.3	425.1	412.4	398.0	380.4
-62.5°	479.5	461.9	444.3	434.7	423.5	410.8	399.6	388.4	375.6	361.2	345.2
-65°	452.3	431.5	409.2	399.6	388.4	375.6	361.2	353.2	342.0	329.2	313.3
-67.5°	418.7	396.4	377.2	366.0	354.8	343.6	330.8	322.8	311.7	295.7	279.7
-70°	369.2	354.8	342.0	332.4	322.8	313.3	300.5	287.7	274.9	260.5	246.1
-72.5°	306.9	302.1	300.5	295.7	284.5	273.3	260.5	247.7	236.5	225.4	214.2
-75°	247.7	250.9	254.1	252.5	241.3	230.1	219.0	207.8	199.8	190.2	180.6
-77.5°	196.6	199.8	203.0	203.0	195.0	188.6	180.6	172.6	166.2	158.2	148.6
-80°	151.8	156.6	161.4	164.6	158.2	153.4	147.0	140.6	134.3	127.9	121.5
-82.5°	115.1	119.9	124.7	127.9	123.1	119.9	115.1	110.3	105.5	99.1	94.3
-85°	83.1	86.3	89.5	91.1	87.9	84.7	81.5	78.3	75.1	70.3	67.1
-87.5°	47.9	49.5	51.1	52.7	49.5	46.3	44.8	41.6	40.0	36.8	35.2
-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: P722228  
 CATALOG NUMBER: IFLD-S-SA3D-927-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°	40.0	36.8	33.6	32.0	28.8	24.0	20.8	17.6	14.4	11.2	9.6
85°	84.7	76.7	67.1	62.3	55.9	49.5	43.2	36.8	30.4	24.0	17.6
82.5°	145.4	135.9	126.3	115.1	100.7	83.1	65.5	54.3	44.8	35.2	27.2
80°	219.0	201.4	185.4	171.0	155.0	132.7	108.7	86.3	60.7	46.3	35.2
77.5°	303.7	282.9	260.5	236.5	211.0	180.6	153.4	124.7	94.3	63.9	44.8
75°	399.6	372.4	342.0	308.5	274.9	234.9	196.6	163.0	127.9	89.5	54.3
72.5°	506.6	473.1	436.3	391.6	338.8	292.5	246.1	201.4	159.8	113.5	73.5
70°	644.1	591.4	537.0	489.1	421.9	348.4	294.1	242.9	190.2	139.0	92.7
67.5°	791.1	727.2	661.7	591.4	506.6	420.3	342.0	284.5	222.2	163.0	110.3
65°	951.0	871.1	787.9	709.6	593.0	490.7	402.8	324.4	252.5	185.4	127.9
62.5°	1115.6	1021.3	925.4	823.1	688.8	562.6	460.3	369.2	281.3	206.2	143.8
60°	1291.4	1181.1	1064.4	936.6	779.9	640.9	514.6	415.5	311.7	227.0	161.4
57.5°	1476.8	1356.9	1219.5	1046.9	874.2	716.0	577.0	457.1	338.8	246.1	174.2
55°	1678.2	1540.7	1390.5	1161.9	966.9	791.1	639.3	498.7	367.6	262.1	187.0
52.5°	1895.5	1735.7	1545.5	1283.4	1064.4	867.9	696.8	535.4	394.8	279.7	198.2
50°	2138.5	1937.1	1681.4	1395.3	1149.1	939.8	754.4	575.4	417.1	298.9	207.8
47.5°	2391.0	2173.6	1802.8	1499.2	1235.5	1010.1	813.5	610.5	439.5	314.9	217.4
45°	2654.7	2338.3	1929.1	1591.9	1310.6	1074.0	858.3	642.5	466.7	329.2	225.4
42.5°	2915.2	2462.9	2039.4	1684.6	1380.9	1131.6	895.0	672.9	489.1	343.6	233.3
40°	3038.3	2557.2	2127.3	1748.5	1440.0	1182.7	927.0	700.0	508.2	353.2	241.3
37.5°	3089.4	2614.7	2184.8	1809.2	1486.4	1209.9	954.2	724.0	524.2	362.8	247.7
35°	3100.6	2635.5	2213.6	1850.8	1524.7	1235.5	974.9	741.6	537.0	372.4	254.1
32.5°	3079.8	2629.1	2221.6	1865.2	1548.7	1254.6	989.3	754.4	546.6	382.0	260.5
30°	3033.5	2595.6	2192.8	1863.6	1566.3	1265.8	998.9	764.0	556.2	388.4	263.7
27.5°	2958.4	2536.4	2156.0	1865.2	1575.9	1270.6	1003.7	768.8	562.6	393.2	270.1
25°	2865.7	2456.5	2157.6	1862.0	1577.5	1272.2	1003.7	768.8	564.2	394.8	274.9
22.5°	2758.6	2456.5	2157.6	1857.2	1567.9	1269.0	998.9	765.6	564.2	398.0	279.7
20°	2765.0	2458.1	2152.9	1847.6	1553.5	1259.4	987.7	757.6	559.4	402.8	282.9
17.5°	2769.8	2454.9	2143.3	1834.8	1534.3	1243.4	973.3	746.4	559.4	407.6	284.5
15°	2769.8	2445.3	2128.9	1815.6	1510.4	1221.1	952.6	736.8	561.0	409.2	287.7
12.5°	2765.0	2427.8	2106.5	1790.0	1481.6	1193.9	939.8	733.6	561.0	410.8	287.7
10°	2755.4	2403.8	2077.7	1758.1	1454.4	1184.3	933.4	727.2	557.8	410.8	287.7
7.5°	2737.8	2375.0	2053.8	1738.9	1438.4	1173.1	923.8	717.6	553.0	407.6	290.9
5°	2710.6	2359.0	2034.6	1716.5	1416.1	1165.1	917.4	709.6	549.8	407.6	287.7
2.5°	2675.5	2339.8	2012.2	1687.8	1390.5	1138.0	896.6	692.0	538.6	401.2	284.5
0°	2617.9	2301.5	1973.8	1647.8	1355.3	1110.8	875.8	674.5	527.4	394.8	281.3
-2.5°	2565.2	2250.3	1924.3	1606.2	1321.8	1086.8	859.9	664.9	522.6	393.2	279.7
-5°	2491.7	2180.0	1858.8	1551.9	1277.0	1062.8	843.9	653.7	517.8	390.0	279.7
-7.5°	2410.2	2106.5	1790.0	1496.0	1232.3	1021.3	813.5	636.1	506.6	383.6	278.1
-10°	2283.9	1996.2	1703.7	1432.0	1184.3	984.5	787.9	620.1	497.1	377.2	271.7
-12.5°	2149.7	1874.8	1604.7	1353.7	1130.0	946.2	759.2	602.5	485.9	370.8	268.5
-15°	2007.4	1750.1	1500.8	1272.2	1070.8	899.8	728.8	583.4	474.7	362.8	263.7
-17.5°	1858.8	1619.0	1393.7	1189.1	1011.7	851.9	696.8	565.8	461.9	354.8	258.9
-20°	1702.1	1484.8	1285.0	1104.4	949.4	803.9	663.3	545.0	447.5	345.2	252.5



REPORT NUMBER: P722228

CATALOG NUMBER: IFLD-S-SA3D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1547.1	1352.1	1173.1	1021.3	885.4	754.4	629.7	524.2	431.5	334.0	247.7
-25°	1409.7	1227.5	1074.0	941.4	823.1	706.4	594.6	503.5	413.9	322.8	241.3
-27.5°	1275.4	1120.4	976.5	866.3	762.4	660.1	561.0	481.1	396.4	310.1	234.9
-30°	1150.7	1018.1	899.8	792.7	704.8	618.5	532.2	458.7	377.2	297.3	227.0
-32.5°	1037.3	930.2	831.1	728.8	650.5	577.0	505.0	436.3	358.0	284.5	219.0
-35°	931.8	848.7	762.4	676.1	596.1	538.6	476.3	412.4	340.4	270.1	211.0
-37.5°	837.5	770.4	701.6	628.1	559.4	501.9	449.1	388.4	322.8	257.3	203.0
-40°	756.0	701.6	640.9	581.8	524.2	469.9	421.9	364.4	305.3	247.7	195.0
-42.5°	680.9	639.3	589.8	540.2	489.1	441.1	394.8	338.8	287.7	236.5	187.0
-45°	623.3	581.8	541.8	497.1	453.9	412.4	366.0	316.5	271.7	223.8	179.0
-47.5°	569.0	532.2	495.5	458.7	423.5	385.2	338.8	297.3	254.1	212.6	172.6
-50°	521.0	485.9	453.9	421.9	391.6	354.8	311.7	278.1	239.7	201.4	164.6
-52.5°	476.3	445.9	413.9	388.4	362.8	326.0	290.9	258.9	225.4	188.6	156.6
-55°	436.3	407.6	378.8	354.8	330.8	298.9	270.1	242.9	211.0	179.0	148.6
-57.5°	398.0	374.0	346.8	324.4	300.5	274.9	250.9	225.4	196.6	169.4	140.6
-60°	362.8	340.4	316.5	294.1	273.3	252.5	230.1	209.4	183.8	158.2	132.7
-62.5°	327.6	308.5	287.7	265.3	249.3	230.1	212.6	191.8	171.0	148.6	118.3
-65°	295.7	278.1	258.9	239.7	225.4	211.0	195.0	175.8	158.2	137.5	105.5
-67.5°	263.7	247.7	231.7	215.8	203.0	191.8	175.8	161.4	147.0	124.7	92.7
-70°	233.3	220.6	206.2	193.4	183.8	171.0	159.8	147.0	134.3	108.7	78.3
-72.5°	204.6	191.8	180.6	171.0	163.0	151.8	142.2	132.7	115.1	91.1	65.5
-75°	171.0	163.0	156.6	148.6	140.6	132.7	124.7	113.5	95.9	73.5	51.1
-77.5°	140.6	135.9	131.1	124.7	118.3	111.9	102.3	91.1	76.7	57.5	41.6
-80°	115.1	110.3	107.1	100.7	95.9	89.5	79.9	70.3	55.9	44.8	33.6
-82.5°	87.9	84.7	81.5	78.3	73.5	67.1	57.5	49.5	41.6	33.6	25.6
-85°	62.3	60.7	57.5	54.3	49.5	44.8	38.4	33.6	28.8	22.4	17.6
-87.5°	32.0	30.4	28.8	27.2	25.6	22.4	19.2	16.0	14.4	11.2	8.0
-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: P722228

CATALOG NUMBER: IFLD-S-SA3D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.4	4.8	1.6	0.0
85°	12.8	8.0	3.2	0.0
82.5°	19.2	12.8	4.8	0.0
80°	25.6	16.0	8.0	0.0
77.5°	32.0	19.2	9.6	0.0
75°	38.4	24.0	11.2	0.0
72.5°	43.2	27.2	12.8	0.0
70°	51.1	32.0	14.4	0.0
67.5°	63.9	35.2	16.0	0.0
65°	75.1	38.4	17.6	0.0
62.5°	87.9	41.6	19.2	0.0
60°	99.1	44.8	20.8	0.0
57.5°	110.3	52.7	22.4	0.0
55°	119.9	59.1	24.0	0.0
52.5°	131.1	65.5	25.6	0.0
50°	140.6	71.9	27.2	0.0
47.5°	148.6	78.3	27.2	0.0
45°	155.0	83.1	28.8	0.0
42.5°	159.8	87.9	30.4	0.0
40°	164.6	92.7	32.0	0.0
37.5°	169.4	97.5	32.0	0.0
35°	174.2	102.3	33.6	0.0
32.5°	179.0	107.1	33.6	0.0
30°	182.2	110.3	35.2	0.0
27.5°	187.0	113.5	35.2	0.0
25°	188.6	116.7	36.8	0.0
22.5°	191.8	118.3	36.8	0.0
20°	195.0	121.5	36.8	0.0
17.5°	196.6	123.1	38.4	0.0
15°	196.6	124.7	40.0	0.0
12.5°	198.2	126.3	40.0	0.0
10°	198.2	129.5	38.4	0.0
7.5°	201.4	127.9	38.4	0.0
5°	199.8	127.9	38.4	0.0
2.5°	198.2	126.3	38.4	0.0
0°	196.6	126.3	38.4	0.0
-2.5°	196.6	126.3	38.4	0.0
-5°	196.6	126.3	38.4	0.0
-7.5°	195.0	127.9	38.4	0.0
-10°	191.8	127.9	38.4	0.0
-12.5°	190.2	123.1	38.4	0.0
-15°	188.6	121.5	38.4	0.0
-17.5°	185.4	119.9	36.8	0.0
-20°	182.2	118.3	36.8	0.0



REPORT NUMBER: P722228

CATALOG NUMBER: IFLD-S-SA3D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	179.0	115.1	36.8	0.0
-25°	175.8	111.9	35.2	0.0
-27.5°	172.6	108.7	35.2	0.0
-30°	167.8	105.5	33.6	0.0
-32.5°	163.0	102.3	33.6	0.0
-35°	159.8	97.5	32.0	0.0
-37.5°	155.0	92.7	32.0	0.0
-40°	150.2	87.9	30.4	0.0
-42.5°	145.4	83.1	28.8	0.0
-45°	139.0	78.3	28.8	0.0
-47.5°	134.3	73.5	27.2	0.0
-50°	126.3	67.1	25.6	0.0
-52.5°	116.7	60.7	24.0	0.0
-55°	107.1	55.9	22.4	0.0
-57.5°	97.5	49.5	22.4	0.0
-60°	87.9	43.2	20.8	0.0
-62.5°	78.3	40.0	19.2	0.0
-65°	68.7	36.8	17.6	0.0
-67.5°	57.5	32.0	16.0	0.0
-70°	47.9	28.8	14.4	0.0
-72.5°	41.6	25.6	12.8	0.0
-75°	35.2	22.4	11.2	0.0
-77.5°	30.4	19.2	9.6	0.0
-80°	24.0	14.4	6.4	0.0
-82.5°	17.6	11.2	4.8	0.0
-85°	11.2	8.0	3.2	0.0
-87.5°	6.4	3.2	1.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)