

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: P722233

Luminaire Tested: **IFLD-S-SA6D-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722233  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 2700K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

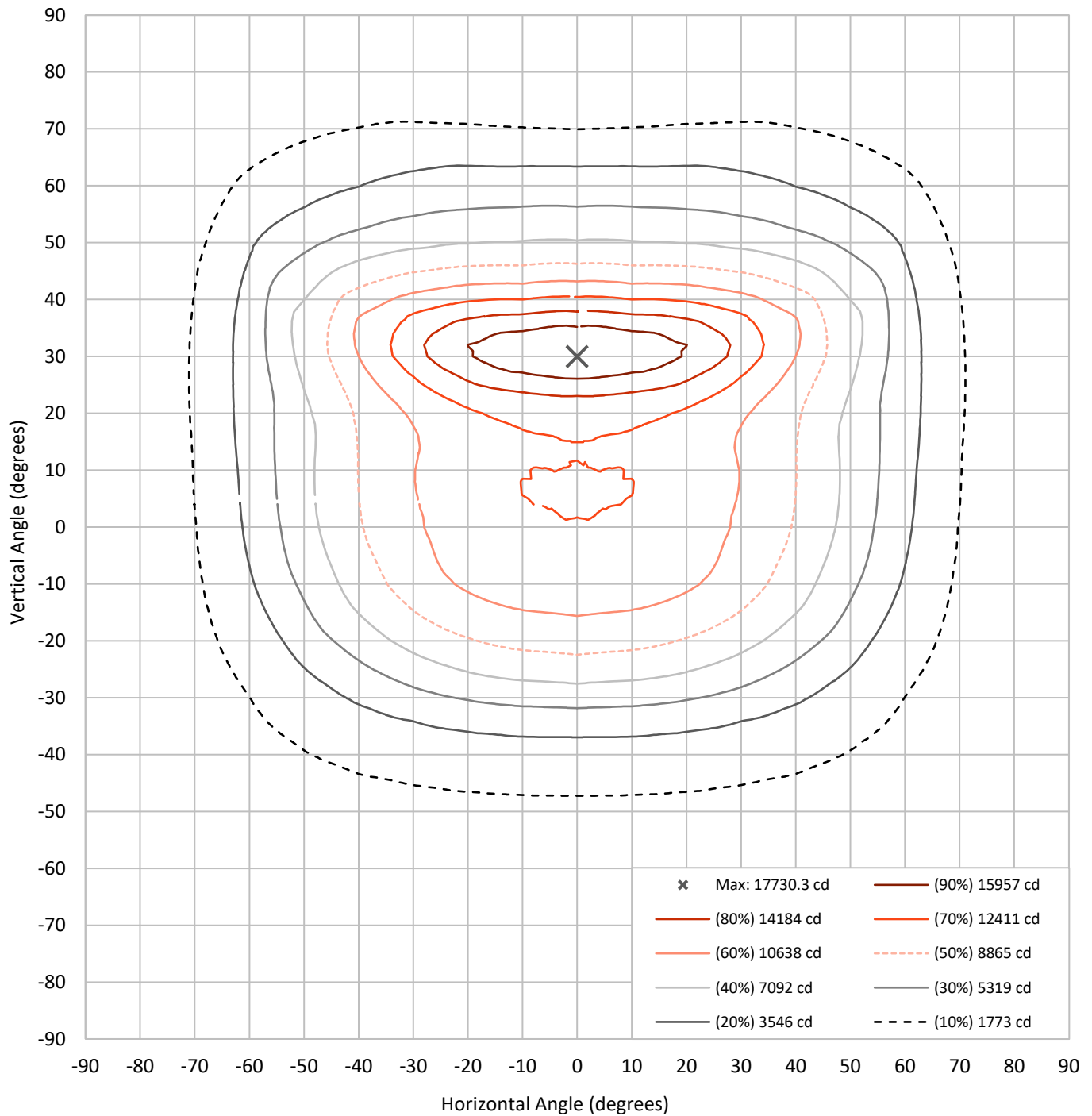
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29596.3 lumens	Max Intensity:	17730.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	80.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	17210.6 lumens	Field Lumens:	27735.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2  
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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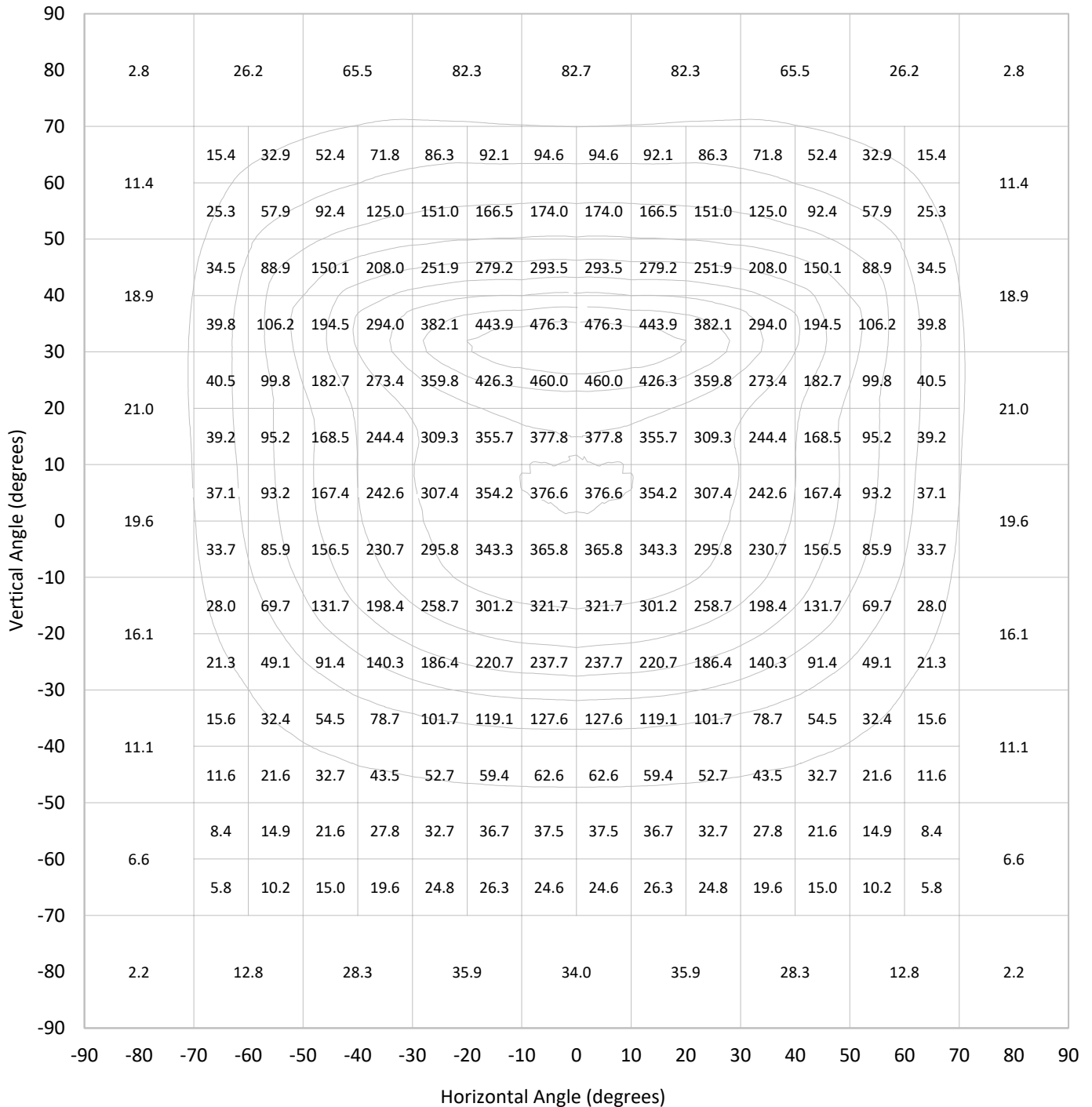
### Iso-Candela Plot





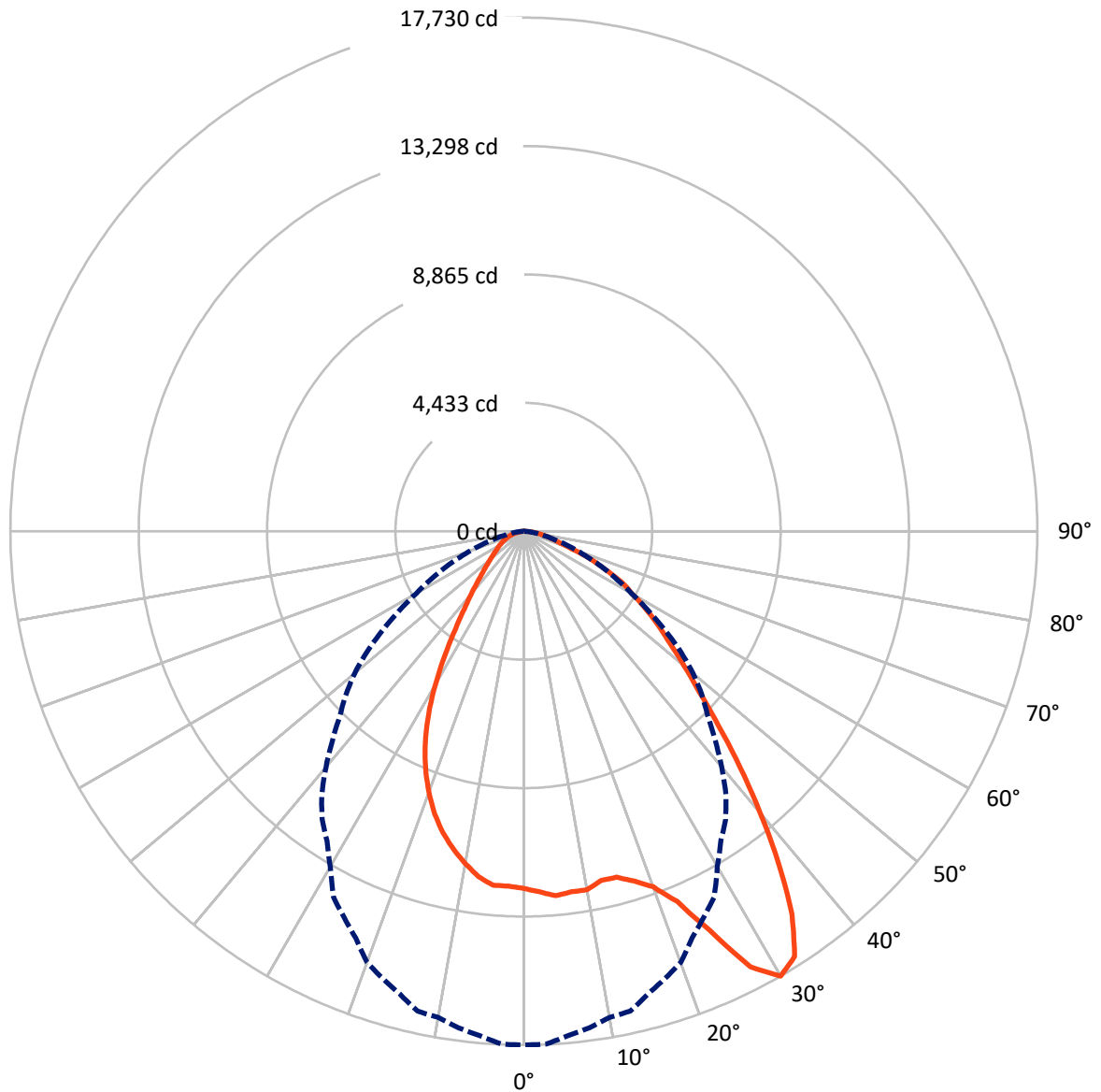
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### Lumen Table



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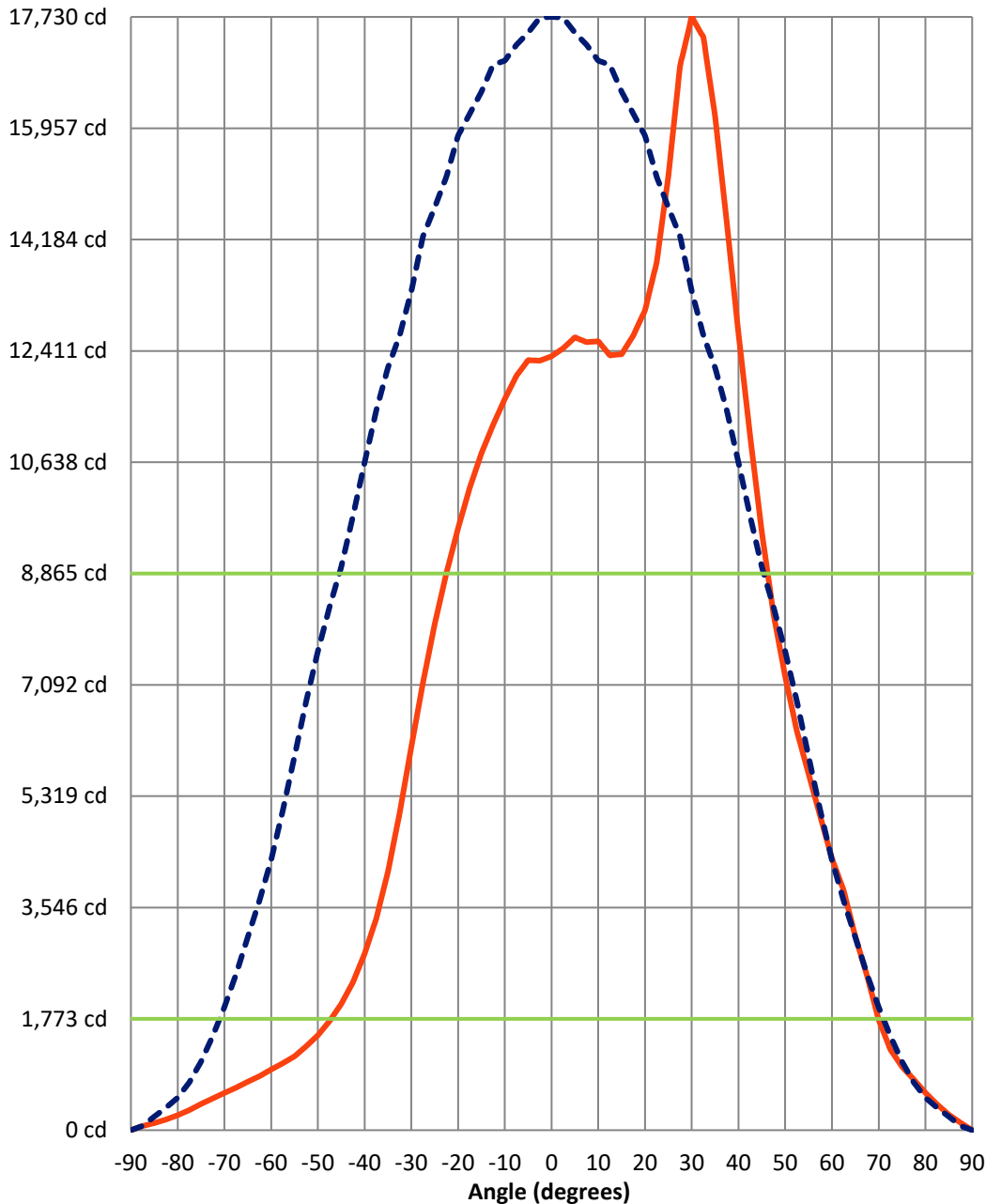
### Luminous Intensity Polar Plot



— 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: 17210.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 27735.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1860.7  
 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°	119.1	122.3	125.4	125.4	122.3	122.3	122.3	119.1	122.3	122.3	122.3
85°	247.7	254.0	260.2	257.1	254.0	247.7	241.4	244.6	247.7	250.8	250.8
82.5°	410.7	420.1	426.4	423.3	417.0	410.7	404.5	407.6	413.9	417.0	417.0
80°	595.7	598.8	602.0	608.3	598.8	598.8	595.7	608.3	614.5	620.8	627.1
77.5°	808.9	812.1	812.1	815.2	818.3	821.5	821.5	843.4	859.1	868.5	877.9
75°	1009.6	1019.0	1028.4	1037.8	1050.3	1056.6	1066.0	1097.4	1122.4	1141.3	1160.1
72.5°	1285.5	1298.0	1313.7	1335.7	1357.6	1373.3	1395.2	1432.8	1461.1	1479.9	1501.8
70°	1758.9	1771.5	1787.1	1802.8	1824.8	1840.4	1862.4	1909.4	1937.6	1950.2	1962.7
67.5°	2461.2	2492.6	2520.8	2489.5	2473.8	2451.8	2458.1	2502.0	2530.2	2549.0	2545.9
65°	3085.2	3107.1	3107.1	3104.0	3091.4	3063.2	3078.9	3132.2	3163.6	3179.2	3132.2
62.5°	3818.8	3818.8	3803.2	3828.2	3831.4	3812.6	3803.2	3806.3	3809.4	3818.8	3740.5
60°	4326.8	4358.1	4367.5	4389.5	4395.7	4395.7	4411.4	4424.0	4424.0	4405.1	4314.2
57.5°	4997.7	5057.3	5069.8	5054.2	5022.8	4982.0	4975.8	4957.0	4919.3	4881.7	4837.8
55°	5675.0	5706.3	5703.2	5693.8	5662.4	5615.4	5621.7	5596.6	5537.0	5490.0	5430.4
52.5°	6355.3	6430.6	6443.1	6424.3	6380.4	6330.2	6333.4	6305.2	6245.6	6195.4	6113.9
50°	7223.8	7286.5	7280.2	7248.9	7186.2	7148.6	7151.7	7098.4	7029.4	7013.7	6907.1
47.5°	8217.7	8289.8	8277.3	8233.4	8148.7	8133.1	8148.7	8079.8	8039.0	8004.5	7879.1
45°	9522.0	9606.7	9559.6	9475.0	9340.2	9355.8	9377.8	9365.2	9277.5	9186.5	9026.6
42.5°	11052.1	11105.4	11048.9	10964.3	10795.0	10826.3	10813.8	10738.5	10685.2	10534.7	10330.9
40°	12688.7	12804.7	12716.9	12585.2	12409.7	12456.7	12422.2	12325.0	12199.6	12011.5	11754.4
37.5°	14453.9	14544.8	14444.5	14290.9	14134.1	14118.4	14049.4	13898.9	13720.2	13513.3	13102.6
35°	16143.8	16379.0	16194.0	15949.4	15758.2	15686.1	15620.2	15272.2	15068.4	14732.9	14171.7
32.5°	17401.1	17573.5	17344.7	17090.7	16858.7	16758.4	16526.3	16112.5	16002.7	15297.3	14783.1
30°	17730.3	17717.8	17479.5	17285.1	17034.3	16965.3	16538.9	16187.7	15836.6	15184.4	14695.3
27.5°	16946.5	16868.1	16639.2	16469.9	16222.2	16140.7	15720.6	15532.4	14990.0	14438.2	14024.3
25°	15200.1	15240.9	15068.4	14983.8	14820.7	14645.1	14479.0	14225.0	13886.4	13403.6	13024.2
22.5°	13823.7	13877.0	13804.9	13704.5	13579.1	13481.9	13356.5	13159.0	12832.9	12535.1	12177.6
20°	13058.7	13043.0	12980.3	12905.0	12785.9	12716.9	12579.0	12412.8	12162.0	11904.9	11519.2
17.5°	12657.3	12560.1	12500.6	12472.4	12409.7	12321.9	12158.8	11989.5	11795.1	11503.5	11221.4
15°	12359.5	12375.2	12328.1	12306.2	12256.0	12133.7	11967.6	11829.6	11566.2	11418.9	11161.8
12.5°	12340.7	12325.0	12328.1	12318.7	12256.0	12099.3	12014.6	11839.0	11669.7	11475.3	11180.6
10°	12563.3	12397.1	12409.7	12453.5	12353.2	12227.8	12136.9	11945.6	11785.7	11538.0	11246.4
7.5°	12550.7	12466.1	12491.2	12419.1	12450.4	12296.8	12171.4	11980.1	11779.4	11516.1	11252.7
5°	12626.0	12497.4	12475.5	12481.8	12403.4	12287.4	12118.1	11936.2	11748.1	11453.4	11183.7
2.5°	12453.5	12472.4	12372.0	12334.4	12325.0	12130.6	11973.8	11798.3	11603.9	11343.6	11102.2
0°	12325.0	12359.5	12256.0	12202.7	12199.6	12033.4	11933.1	11732.4	11594.5	11378.1	11086.5
-2.5°	12256.0	12296.8	12309.3	12212.1	12118.1	11989.5	11820.2	11603.9	11378.1	11127.3	10876.5
-5°	12262.3	12180.8	12146.3	12177.6	12096.1	11967.6	11779.4	11588.2	11365.6	11095.9	10782.4
-7.5°	12014.6	11933.1	11926.8	11911.1	11892.3	11770.0	11613.3	11406.3	11180.6	10929.8	10638.2
-10°	11644.6	11585.1	11569.4	11553.7	11503.5	11431.4	11284.1	11095.9	10892.1	10641.3	10330.9
-12.5°	11233.9	11205.7	11146.1	11105.4	11055.2	10970.5	10829.4	10657.0	10453.2	10230.6	9964.1
-15°	10779.3	10726.0	10666.4	10631.9	10559.8	10459.5	10318.4	10158.5	9935.9	9716.4	9465.6
-17.5°	10230.6	10164.8	10098.9	10089.5	10039.3	9885.7	9754.0	9559.6	9365.2	9155.2	8910.6
-20°	9584.7	9493.8	9449.9	9424.8	9355.8	9243.0	9101.9	8923.2	8735.0	8534.4	8252.2



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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°	8869.9	8791.5	8716.2	8669.2	8609.6	8521.8	8387.0	8230.3	8045.3	7819.5	7559.3
-25°	8057.8	7948.1	7901.0	7847.7	7816.4	7734.9	7603.2	7459.0	7267.7	7048.2	6800.5
-27.5°	7129.7	7042.0	7016.9	6941.6	6904.0	6819.4	6709.6	6574.8	6399.2	6192.3	5988.5
-30°	6104.5	6051.2	6010.4	5935.2	5907.0	5816.0	5743.9	5631.1	5471.2	5323.8	5160.8
-32.5°	5051.0	4997.7	4985.2	4950.7	4931.9	4872.3	4790.8	4709.3	4580.7	4471.0	4339.3
-35°	4116.7	4079.1	4082.2	4079.1	4060.3	4016.4	3916.0	3894.1	3800.0	3699.7	3615.0
-37.5°	3370.5	3373.6	3370.5	3367.3	3342.3	3323.5	3251.3	3223.1	3166.7	3069.5	3019.3
-40°	2809.3	2815.5	2812.4	2806.1	2777.9	2768.5	2721.5	2683.8	2661.9	2592.9	2539.6
-42.5°	2354.6	2364.0	2360.9	2357.8	2339.0	2335.8	2310.7	2266.8	2254.3	2213.5	2157.1
-45°	2009.7	2006.6	2000.3	2006.6	1997.2	1987.8	1972.1	1943.9	1928.2	1909.4	1862.4
-47.5°	1737.0	1740.1	1733.8	1733.8	1721.3	1711.9	1705.6	1686.8	1674.3	1658.6	1630.4
-50°	1511.2	1523.8	1520.6	1517.5	1508.1	1501.8	1501.8	1483.0	1464.2	1457.9	1439.1
-52.5°	1335.7	1345.1	1348.2	1354.5	1357.6	1360.7	1351.3	1332.5	1301.2	1298.0	1288.6
-55°	1175.8	1204.0	1222.8	1235.3	1247.9	1257.3	1238.5	1213.4	1182.0	1169.5	1166.3
-57.5°	1066.0	1094.2	1116.2	1135.0	1150.7	1166.3	1147.5	1122.4	1094.2	1078.6	1075.4
-60°	965.7	990.8	1012.7	1037.8	1059.7	1084.8	1075.4	1056.6	1040.9	1028.4	1015.8
-62.5°	859.1	884.2	909.2	940.6	968.8	993.9	997.0	993.9	990.8	993.9	972.0
-65°	771.3	783.8	799.5	834.0	865.4	893.6	909.2	918.7	934.3	950.0	928.1
-67.5°	677.2	692.9	711.7	736.8	761.9	780.7	802.6	827.7	852.8	877.9	862.2
-70°	592.6	605.1	620.8	633.3	649.0	661.6	680.4	708.6	736.8	761.9	755.6
-72.5°	504.8	517.3	526.7	533.0	542.4	548.7	558.1	583.2	602.0	614.5	614.5
-75°	417.0	429.5	438.9	442.1	448.4	451.5	457.8	467.2	476.6	479.7	482.8
-77.5°	319.8	332.3	341.8	348.0	354.3	360.6	363.7	370.0	373.1	373.1	376.2
-80°	238.3	247.7	254.0	263.4	266.5	272.8	279.0	282.2	285.3	285.3	288.5
-82.5°	169.3	175.6	181.8	188.1	194.4	197.5	203.8	206.9	210.1	213.2	216.3
-85°	112.9	119.1	125.4	131.7	134.8	138.0	141.1	144.2	147.4	150.5	153.6
-87.5°	65.8	69.0	72.1	78.4	81.5	87.8	90.9	87.8	90.9	90.9	90.9
-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°	122.3	122.3	122.3	122.3	119.1	112.9	109.7	103.5	97.2	90.9	84.7
85°	254.0	257.1	257.1	257.1	250.8	247.7	238.3	228.9	216.3	197.5	181.8
82.5°	423.3	426.4	426.4	423.3	417.0	407.6	395.1	379.4	354.3	329.2	307.3
80°	636.5	639.6	639.6	636.5	620.8	605.1	589.4	570.6	539.3	504.8	467.2
77.5°	890.4	896.7	896.7	887.3	865.4	846.5	821.5	790.1	743.1	692.9	642.7
75°	1185.2	1200.8	1204.0	1194.6	1166.3	1131.9	1091.1	1037.8	965.7	903.0	843.4
72.5°	1526.9	1542.6	1555.1	1542.6	1501.8	1454.8	1395.2	1332.5	1260.4	1175.8	1075.4
70°	1975.3	1990.9	2000.3	1959.6	1887.5	1809.1	1737.0	1664.9	1580.2	1476.7	1367.0
67.5°	2539.6	2523.9	2505.1	2423.6	2332.7	2238.6	2138.3	2031.7	1922.0	1812.2	1683.7
65°	3082.0	3038.1	2997.4	2900.2	2784.2	2661.9	2545.9	2426.7	2295.1	2157.1	2034.8
62.5°	3652.7	3558.6	3458.3	3339.1	3220.0	3085.2	2969.2	2828.1	2680.7	2511.4	2354.6
60°	4213.9	4101.0	4000.7	3853.3	3696.6	3514.7	3389.3	3251.3	3078.9	2897.0	2712.1
57.5°	4756.3	4634.0	4524.3	4395.7	4226.4	4028.9	3890.9	3712.2	3530.4	3301.5	3113.4
55°	5333.2	5210.9	5123.1	4978.9	4793.9	4612.1	4461.6	4273.5	4019.5	3774.9	3542.9
52.5°	5994.8	5897.6	5803.5	5656.1	5433.5	5248.5	5082.4	4872.3	4605.8	4304.8	4025.8
50°	6734.7	6684.5	6584.2	6411.8	6157.8	5994.8	5775.3	5496.2	5210.9	4894.3	4546.2
47.5°	7716.1	7634.5	7493.4	7305.3	7092.1	6847.6	6552.8	6226.8	5822.3	5471.2	5101.2
45°	8888.7	8738.2	8556.3	8302.4	8039.0	7763.1	7440.1	7026.3	6483.9	6026.1	5637.3
42.5°	10158.5	9954.7	9707.0	9374.6	9032.9	8694.3	8346.3	7781.9	7104.7	6577.9	6139.0
40°	11484.7	11224.5	10914.1	10431.3	10051.9	9616.1	9217.9	8374.5	7653.3	7082.7	6615.6
37.5°	12782.8	12453.5	11933.1	11346.8	10904.7	10547.3	9672.5	8769.5	8123.6	7496.6	7023.1
35°	13776.7	13497.6	12579.0	11970.7	11591.3	11027.0	9932.7	9007.8	8324.3	7803.8	7067.0
32.5°	14366.1	13645.0	12839.2	12224.7	11911.1	10986.2	9951.5	9076.8	8418.4	7835.2	6954.2
30°	14234.4	13362.8	12657.3	12143.1	11462.8	10631.9	9776.0	8970.2	8330.6	7625.1	6828.8
27.5°	13441.2	12767.1	12136.9	11600.7	10932.9	10186.7	9396.6	8688.0	8092.3	7408.8	6656.3
25°	12544.5	11933.1	11465.9	10998.8	10365.4	9653.7	8957.6	8446.6	7847.7	7173.6	6430.6
22.5°	11719.9	11280.9	10914.1	10425.0	9807.3	9186.5	8753.9	8224.0	7609.5	6926.0	6198.6
20°	11193.1	10895.3	10475.2	9935.9	9449.9	9061.1	8581.4	8020.2	7386.8	6672.0	6001.0
17.5°	10939.2	10594.3	10127.1	9776.0	9402.9	8976.5	8440.3	7844.6	7170.5	6556.0	6023.0
15°	10807.5	10443.8	10136.5	9791.6	9371.5	8923.2	8327.4	7709.8	7170.5	6603.0	6038.7
12.5°	10835.7	10522.2	10186.7	9810.5	9359.0	8879.3	8340.0	7766.2	7208.1	6637.5	6041.8
10°	10923.5	10594.3	10236.9	9819.9	9365.2	8891.8	8374.5	7800.7	7226.9	6653.2	6035.5
7.5°	10954.9	10597.4	10214.9	9794.8	9349.6	8885.5	8380.7	7810.1	7230.1	6650.0	6016.7
5°	10857.7	10534.7	10164.8	9741.5	9305.7	8854.2	8355.7	7797.6	7205.0	6618.7	5969.7
2.5°	10726.0	10465.7	10111.5	9703.9	9261.8	8810.3	8314.9	7741.1	7148.6	6562.3	5910.1
0°	10704.0	10381.1	10023.7	9660.0	9189.7	8713.1	8220.8	7634.5	7045.1	6455.7	5806.6
-2.5°	10559.8	10218.1	9860.6	9465.6	9051.7	8572.0	8054.7	7480.9	6897.7	6317.7	5693.8
-5°	10450.1	10070.7	9691.3	9264.9	8847.9	8368.2	7832.1	7274.0	6703.3	6139.0	5537.0
-7.5°	10302.7	9913.9	9515.7	9070.5	8619.0	8129.9	7600.0	7042.0	6480.7	5919.5	5342.6
-10°	10004.9	9663.1	9290.0	8829.1	8352.5	7863.4	7336.7	6788.0	6226.8	5659.3	5079.2
-12.5°	9644.3	9283.7	8876.1	8452.9	8026.5	7571.8	7045.1	6505.8	5941.5	5370.8	4793.9
-15°	9177.1	8822.8	8405.8	7992.0	7581.2	7145.4	6681.4	6195.4	5621.7	5060.4	4483.5
-17.5°	8593.9	8261.6	7888.5	7493.4	7085.9	6646.9	6195.4	5784.7	5248.5	4721.8	4151.2
-20°	7966.9	7656.5	7321.0	6947.9	6540.3	6110.8	5684.4	5254.8	4790.8	4326.8	3796.9



REPORT NUMBER: P722233

CATALOG NUMBER: IFLD-S-SA6D-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°	7314.7	7001.2	6662.6	6314.6	5938.3	5540.1	5145.1	4734.4	4326.8	3906.6	3458.3
-25°	6562.3	6286.3	5975.9	5637.3	5301.8	4953.8	4577.6	4204.5	3856.5	3492.8	3125.9
-27.5°	5775.3	5521.3	5239.1	4944.4	4656.0	4364.4	4038.3	3693.4	3405.0	3104.0	2799.9
-30°	4947.6	4743.8	4514.9	4257.8	4035.2	3800.0	3527.3	3241.9	2978.6	2749.7	2505.1
-32.5°	4163.7	3991.3	3828.2	3658.9	3439.5	3257.6	3069.5	2859.4	2627.4	2411.1	2235.5
-35°	3489.6	3304.6	3235.7	3110.3	2953.5	2793.6	2655.6	2505.1	2329.6	2138.3	1994.1
-37.5°	2922.1	2812.4	2715.2	2646.2	2542.8	2414.2	2304.5	2194.7	2059.9	1915.7	1771.5
-40°	2480.0	2404.8	2298.2	2263.7	2197.9	2110.1	1997.2	1912.6	1821.6	1711.9	1589.6
-42.5°	2125.8	2069.3	2000.3	1940.8	1912.6	1849.8	1762.1	1680.5	1608.4	1533.2	1439.1
-45°	1834.2	1796.5	1752.7	1699.4	1677.4	1627.2	1564.5	1473.6	1432.8	1370.1	1301.2
-47.5°	1599.0	1580.2	1548.9	1514.4	1483.0	1445.4	1389.0	1332.5	1276.1	1235.3	1182.0
-50°	1414.0	1401.5	1382.7	1354.5	1313.7	1288.6	1251.0	1200.8	1147.5	1113.0	1075.4
-52.5°	1266.7	1254.1	1241.6	1219.6	1188.3	1163.2	1131.9	1091.1	1047.2	1012.7	981.4
-55°	1153.8	1135.0	1125.6	1106.8	1081.7	1053.5	1025.3	997.0	959.4	928.1	896.7
-57.5°	1066.0	1040.9	1028.4	1012.7	987.6	959.4	937.5	909.2	884.2	849.7	821.5
-60°	997.0	968.8	943.7	928.1	906.1	877.9	855.9	834.0	808.9	780.7	746.2
-62.5°	940.6	906.1	871.6	852.8	830.9	805.8	783.8	761.9	736.8	708.6	677.2
-65°	887.3	846.5	802.6	783.8	761.9	736.8	708.6	692.9	671.0	645.9	614.5
-67.5°	821.5	777.6	739.9	718.0	696.0	674.1	649.0	633.3	611.4	580.0	548.7
-70°	724.3	696.0	671.0	652.1	633.3	614.5	589.4	564.4	539.3	511.1	482.8
-72.5°	602.0	592.6	589.4	580.0	558.1	536.1	511.1	486.0	464.0	442.1	420.1
-75°	486.0	492.2	498.5	495.4	473.4	451.5	429.5	407.6	391.9	373.1	354.3
-77.5°	385.6	391.9	398.2	398.2	382.5	370.0	354.3	338.6	326.1	310.4	291.6
-80°	297.9	307.3	316.7	322.9	310.4	301.0	288.5	275.9	263.4	250.8	238.3
-82.5°	225.7	235.2	244.6	250.8	241.4	235.2	225.7	216.3	206.9	194.4	185.0
-85°	163.0	169.3	175.6	178.7	172.4	166.2	159.9	153.6	147.4	138.0	131.7
-87.5°	94.1	97.2	100.3	103.5	97.2	90.9	87.8	81.5	78.4	72.1	69.0
-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: P722233  
 CATALOG NUMBER: IFLD-S-SA6D-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°	78.4	72.1	65.8	62.7	56.4	47.0	40.8	34.5	28.2	21.9	18.8
85°	166.2	150.5	131.7	122.3	109.7	97.2	84.7	72.1	59.6	47.0	34.5
82.5°	285.3	266.5	247.7	225.7	197.5	163.0	128.5	106.6	87.8	69.0	53.3
80°	429.5	395.1	363.7	335.5	304.1	260.2	213.2	169.3	119.1	90.9	69.0
77.5°	595.7	555.0	511.1	464.0	413.9	354.3	301.0	244.6	185.0	125.4	87.8
75°	783.8	730.5	671.0	605.1	539.3	460.9	385.6	319.8	250.8	175.6	106.6
72.5°	993.9	928.1	855.9	768.2	664.7	573.8	482.8	395.1	313.5	222.6	144.2
70°	1263.5	1160.1	1053.5	959.4	827.7	683.5	576.9	476.6	373.1	272.8	181.8
67.5°	1552.0	1426.6	1298.0	1160.1	993.9	824.6	671.0	558.1	435.8	319.8	216.3
65°	1865.5	1708.8	1545.7	1392.1	1163.2	962.5	790.1	636.5	495.4	363.7	250.8
62.5°	2188.5	2003.5	1815.4	1614.7	1351.3	1103.6	903.0	724.3	551.8	404.5	282.2
60°	2533.3	2317.0	2088.1	1837.3	1530.0	1257.3	1009.6	815.2	611.4	445.2	316.7
57.5°	2897.0	2661.9	2392.3	2053.6	1715.0	1404.6	1131.9	896.7	664.7	482.8	341.8
55°	3292.1	3022.5	2727.7	2279.4	1896.9	1552.0	1254.1	978.2	721.1	514.2	366.8
52.5°	3718.5	3405.0	3031.9	2517.7	2088.1	1702.5	1367.0	1050.3	774.4	548.7	388.8
50°	4195.1	3800.0	3298.4	2737.1	2254.3	1843.6	1479.9	1128.7	818.3	586.3	407.6
47.5°	4690.5	4264.1	3536.7	2940.9	2423.6	1981.5	1595.9	1197.7	862.2	617.7	426.4
45°	5207.8	4587.0	3784.3	3122.8	2571.0	2106.9	1683.7	1260.4	915.5	645.9	442.1
42.5°	5718.8	4831.5	4000.7	3304.6	2708.9	2219.8	1755.8	1320.0	959.4	674.1	457.8
40°	5960.3	5016.5	4173.1	3430.1	2824.9	2320.1	1818.5	1373.3	997.0	692.9	473.4
37.5°	6060.6	5129.4	4286.0	3549.2	2915.9	2373.4	1871.8	1420.3	1028.4	711.7	486.0
35°	6082.5	5170.2	4342.4	3630.7	2991.1	2423.6	1912.6	1454.8	1053.5	730.5	498.5
32.5°	6041.8	5157.6	4358.1	3658.9	3038.1	2461.2	1940.8	1479.9	1072.3	749.3	511.1
30°	5950.9	5091.8	4301.7	3655.8	3072.6	2483.2	1959.6	1498.7	1091.1	761.9	517.3
27.5°	5803.5	4975.8	4229.6	3658.9	3091.4	2492.6	1969.0	1508.1	1103.6	771.3	529.9
25°	5621.7	4819.0	4232.7	3652.7	3094.6	2495.7	1969.0	1508.1	1106.8	774.4	539.3
22.5°	5411.6	4819.0	4232.7	3643.3	3075.8	2489.5	1959.6	1501.8	1106.8	780.7	548.7
20°	5424.1	4822.1	4223.3	3624.4	3047.5	2470.6	1937.6	1486.1	1097.4	790.1	555.0
17.5°	5433.5	4815.9	4204.5	3599.4	3009.9	2439.3	1909.4	1464.2	1097.4	799.5	558.1
15°	5433.5	4797.1	4176.3	3561.7	2962.9	2395.4	1868.7	1445.4	1100.5	802.6	564.4
12.5°	5424.1	4762.6	4132.4	3511.6	2906.5	2342.1	1843.6	1439.1	1100.5	805.8	564.4
10°	5405.3	4715.5	4075.9	3448.9	2853.2	2323.3	1831.0	1426.6	1094.2	805.8	564.4
7.5°	5370.8	4659.1	4028.9	3411.2	2821.8	2301.3	1812.2	1407.8	1084.8	799.5	570.6
5°	5317.5	4627.8	3991.3	3367.3	2777.9	2285.7	1799.7	1392.1	1078.6	799.5	564.4
2.5°	5248.5	4590.1	3947.4	3310.9	2727.7	2232.4	1758.9	1357.6	1056.6	787.0	558.1
0°	5135.7	4514.9	3872.1	3232.5	2658.8	2179.1	1718.2	1323.1	1034.7	774.4	551.8
-2.5°	5032.2	4414.5	3774.9	3151.0	2592.9	2132.0	1686.8	1304.3	1025.3	771.3	548.7
-5°	4888.0	4276.6	3646.4	3044.4	2505.1	2085.0	1655.5	1282.4	1015.8	765.0	548.7
-7.5°	4728.1	4132.4	3511.6	2934.7	2417.3	2003.5	1595.9	1247.9	993.9	752.5	545.5
-10°	4480.4	3916.0	3342.3	2809.3	2323.3	1931.4	1545.7	1216.5	975.1	739.9	533.0
-12.5°	4217.0	3677.7	3147.9	2655.6	2216.7	1856.1	1489.3	1182.0	953.1	727.4	526.7
-15°	3938.0	3433.2	2944.1	2495.7	2100.7	1765.2	1429.7	1144.4	931.2	711.7	517.3
-17.5°	3646.4	3176.1	2734.0	2332.7	1984.7	1671.1	1367.0	1109.9	906.1	696.0	507.9
-20°	3339.1	2912.7	2520.8	2166.5	1862.4	1577.1	1301.2	1069.1	877.9	677.2	495.4



REPORT NUMBER: P722233

CATALOG NUMBER: IFLD-S-SA6D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3035.0	2652.5	2301.3	2003.5	1737.0	1479.9	1235.3	1028.4	846.5	655.3	486.0
-25°	2765.4	2407.9	2106.9	1846.7	1614.7	1385.8	1166.3	987.6	812.1	633.3	473.4
-27.5°	2502.0	2197.9	1915.7	1699.4	1495.6	1294.9	1100.5	943.7	777.6	608.3	460.9
-30°	2257.4	1997.2	1765.2	1555.1	1382.7	1213.4	1044.1	899.8	739.9	583.2	445.2
-32.5°	2034.8	1824.8	1630.4	1429.7	1276.1	1131.9	990.8	855.9	702.3	558.1	429.5
-35°	1827.9	1664.9	1495.6	1326.2	1169.5	1056.6	934.3	808.9	667.8	529.9	413.9
-37.5°	1642.9	1511.2	1376.4	1232.2	1097.4	984.5	881.0	761.9	633.3	504.8	398.2
-40°	1483.0	1376.4	1257.3	1141.3	1028.4	921.8	827.7	714.9	598.8	486.0	382.5
-42.5°	1335.7	1254.1	1156.9	1059.7	959.4	865.4	774.4	664.7	564.4	464.0	366.8
-45°	1222.8	1141.3	1062.9	975.1	890.4	808.9	718.0	620.8	533.0	438.9	351.2
-47.5°	1116.2	1044.1	972.0	899.8	830.9	755.6	664.7	583.2	498.5	417.0	338.6
-50°	1022.1	953.1	890.4	827.7	768.2	696.0	611.4	545.5	470.3	395.1	322.9
-52.5°	934.3	874.8	812.1	761.9	711.7	639.6	570.6	507.9	442.1	370.0	307.3
-55°	855.9	799.5	743.1	696.0	649.0	586.3	529.9	476.6	413.9	351.2	291.6
-57.5°	780.7	733.7	680.4	636.5	589.4	539.3	492.2	442.1	385.6	332.3	275.9
-60°	711.7	667.8	620.8	576.9	536.1	495.4	451.5	410.7	360.6	310.4	260.2
-62.5°	642.7	605.1	564.4	520.5	489.1	451.5	417.0	376.2	335.5	291.6	232.0
-65°	580.0	545.5	507.9	470.3	442.1	413.9	382.5	344.9	310.4	269.6	206.9
-67.5°	517.3	486.0	454.6	423.3	398.2	376.2	344.9	316.7	288.5	244.6	181.8
-70°	457.8	432.7	404.5	379.4	360.6	335.5	313.5	288.5	263.4	213.2	153.6
-72.5°	401.3	376.2	354.3	335.5	319.8	297.9	279.0	260.2	225.7	178.7	128.5
-75°	335.5	319.8	307.3	291.6	275.9	260.2	244.6	222.6	188.1	144.2	100.3
-77.5°	275.9	266.5	257.1	244.6	232.0	219.5	200.7	178.7	150.5	112.9	81.5
-80°	225.7	216.3	210.1	197.5	188.1	175.6	156.8	138.0	109.7	87.8	65.8
-82.5°	172.4	166.2	159.9	153.6	144.2	131.7	112.9	97.2	81.5	65.8	50.2
-85°	122.3	119.1	112.9	106.6	97.2	87.8	75.2	65.8	56.4	43.9	34.5
-87.5°	62.7	59.6	56.4	53.3	50.2	43.9	37.6	31.4	28.2	21.9	15.7
-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: P722233  
 CATALOG NUMBER: IFLD-S-SA6D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.5	9.4	3.1	0.0
85°	25.1	15.7	6.3	0.0
82.5°	37.6	25.1	9.4	0.0
80°	50.2	31.4	15.7	0.0
77.5°	62.7	37.6	18.8	0.0
75°	75.2	47.0	21.9	0.0
72.5°	84.7	53.3	25.1	0.0
70°	100.3	62.7	28.2	0.0
67.5°	125.4	69.0	31.4	0.0
65°	147.4	75.2	34.5	0.0
62.5°	172.4	81.5	37.6	0.0
60°	194.4	87.8	40.8	0.0
57.5°	216.3	103.5	43.9	0.0
55°	235.2	116.0	47.0	0.0
52.5°	257.1	128.5	50.2	0.0
50°	275.9	141.1	53.3	0.0
47.5°	291.6	153.6	53.3	0.0
45°	304.1	163.0	56.4	0.0
42.5°	313.5	172.4	59.6	0.0
40°	322.9	181.8	62.7	0.0
37.5°	332.3	191.3	62.7	0.0
35°	341.8	200.7	65.8	0.0
32.5°	351.2	210.1	65.8	0.0
30°	357.4	216.3	69.0	0.0
27.5°	366.8	222.6	69.0	0.0
25°	370.0	228.9	72.1	0.0
22.5°	376.2	232.0	72.1	0.0
20°	382.5	238.3	72.1	0.0
17.5°	385.6	241.4	75.2	0.0
15°	385.6	244.6	78.4	0.0
12.5°	388.8	247.7	78.4	0.0
10°	388.8	254.0	75.2	0.0
7.5°	395.1	250.8	75.2	0.0
5°	391.9	250.8	75.2	0.0
2.5°	388.8	247.7	75.2	0.0
0°	385.6	247.7	75.2	0.0
-2.5°	385.6	247.7	75.2	0.0
-5°	385.6	247.7	75.2	0.0
-7.5°	382.5	250.8	75.2	0.0
-10°	376.2	250.8	75.2	0.0
-12.5°	373.1	241.4	75.2	0.0
-15°	370.0	238.3	75.2	0.0
-17.5°	363.7	235.2	72.1	0.0
-20°	357.4	232.0	72.1	0.0



REPORT NUMBER: P722233

CATALOG NUMBER: IFLD-S-SA6D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	351.2	225.7	72.1	0.0
-25°	344.9	219.5	69.0	0.0
-27.5°	338.6	213.2	69.0	0.0
-30°	329.2	206.9	65.8	0.0
-32.5°	319.8	200.7	65.8	0.0
-35°	313.5	191.3	62.7	0.0
-37.5°	304.1	181.8	62.7	0.0
-40°	294.7	172.4	59.6	0.0
-42.5°	285.3	163.0	56.4	0.0
-45°	272.8	153.6	56.4	0.0
-47.5°	263.4	144.2	53.3	0.0
-50°	247.7	131.7	50.2	0.0
-52.5°	228.9	119.1	47.0	0.0
-55°	210.1	109.7	43.9	0.0
-57.5°	191.3	97.2	43.9	0.0
-60°	172.4	84.7	40.8	0.0
-62.5°	153.6	78.4	37.6	0.0
-65°	134.8	72.1	34.5	0.0
-67.5°	112.9	62.7	31.4	0.0
-70°	94.1	56.4	28.2	0.0
-72.5°	81.5	50.2	25.1	0.0
-75°	69.0	43.9	21.9	0.0
-77.5°	59.6	37.6	18.8	0.0
-80°	47.0	28.2	12.5	0.0
-82.5°	34.5	21.9	9.4	0.0
-85°	21.9	15.7	6.3	0.0
-87.5°	12.5	6.3	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)