

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: P722243

Luminaire Tested: **IFLD-L-SA7D-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722243  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7D-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

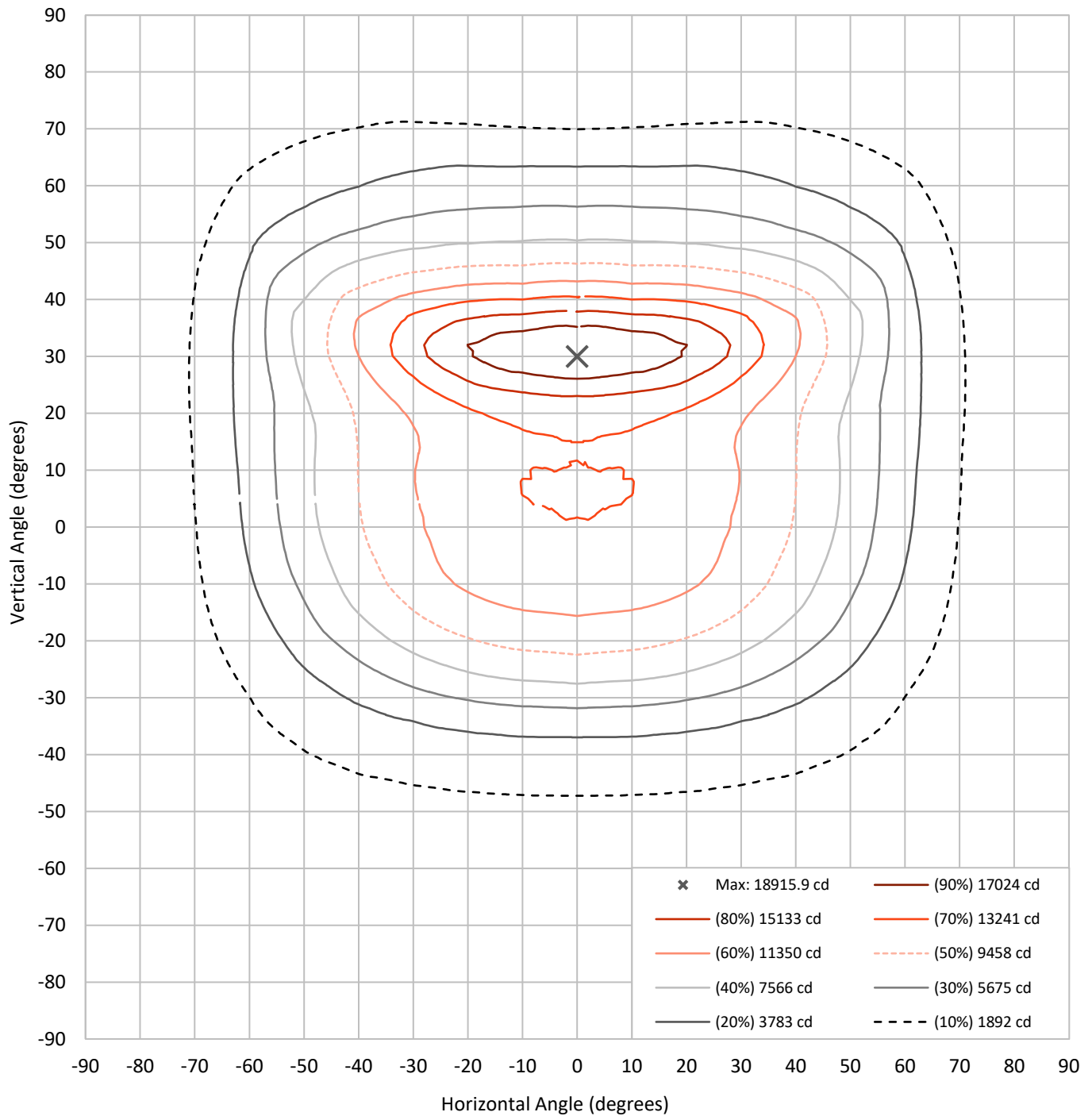
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31575.3 lumens	Max Intensity:	18915.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18361.4 lumens	Field Lumens:	29590.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 422.6  
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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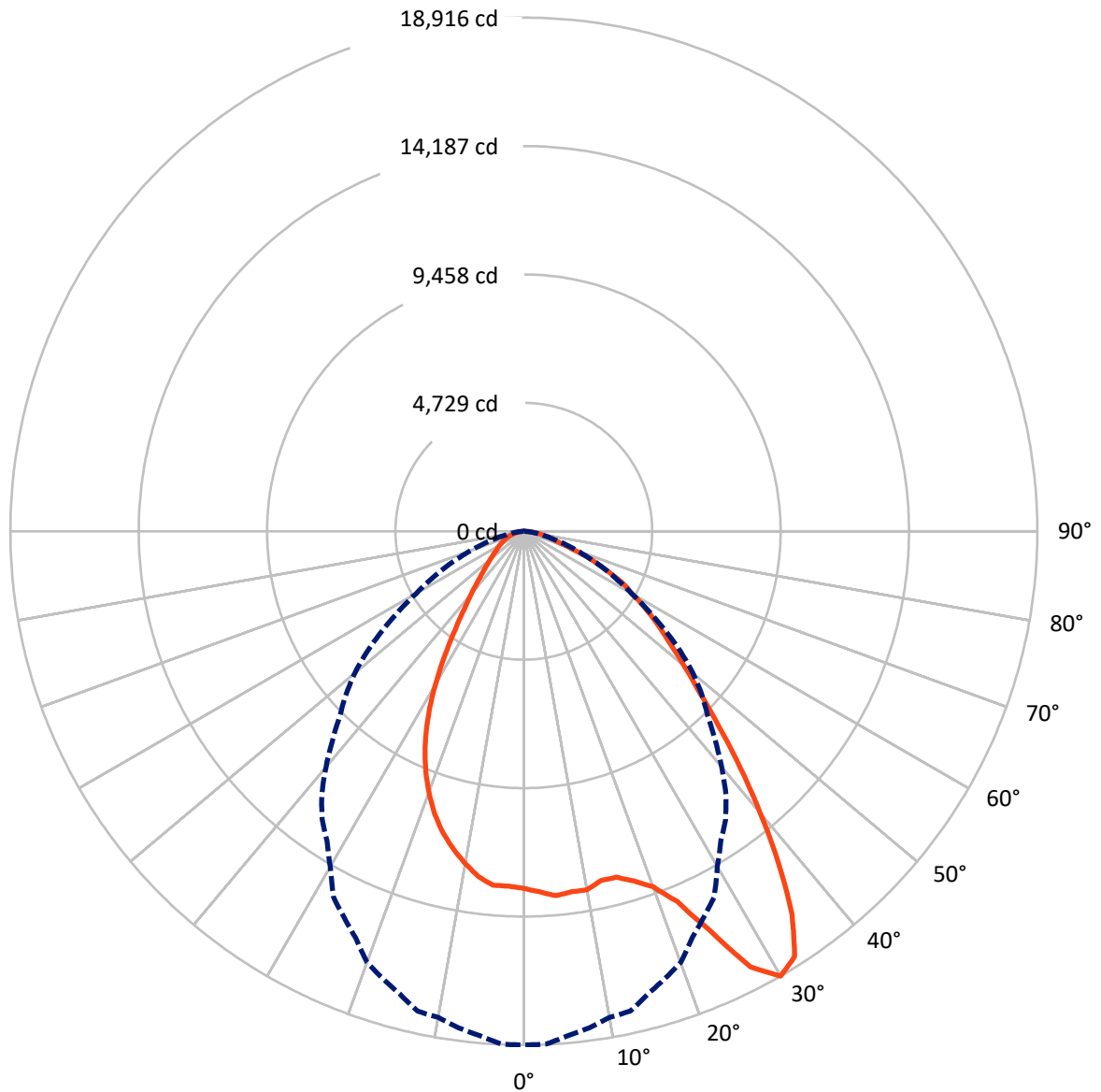
### Iso-Candela Plot





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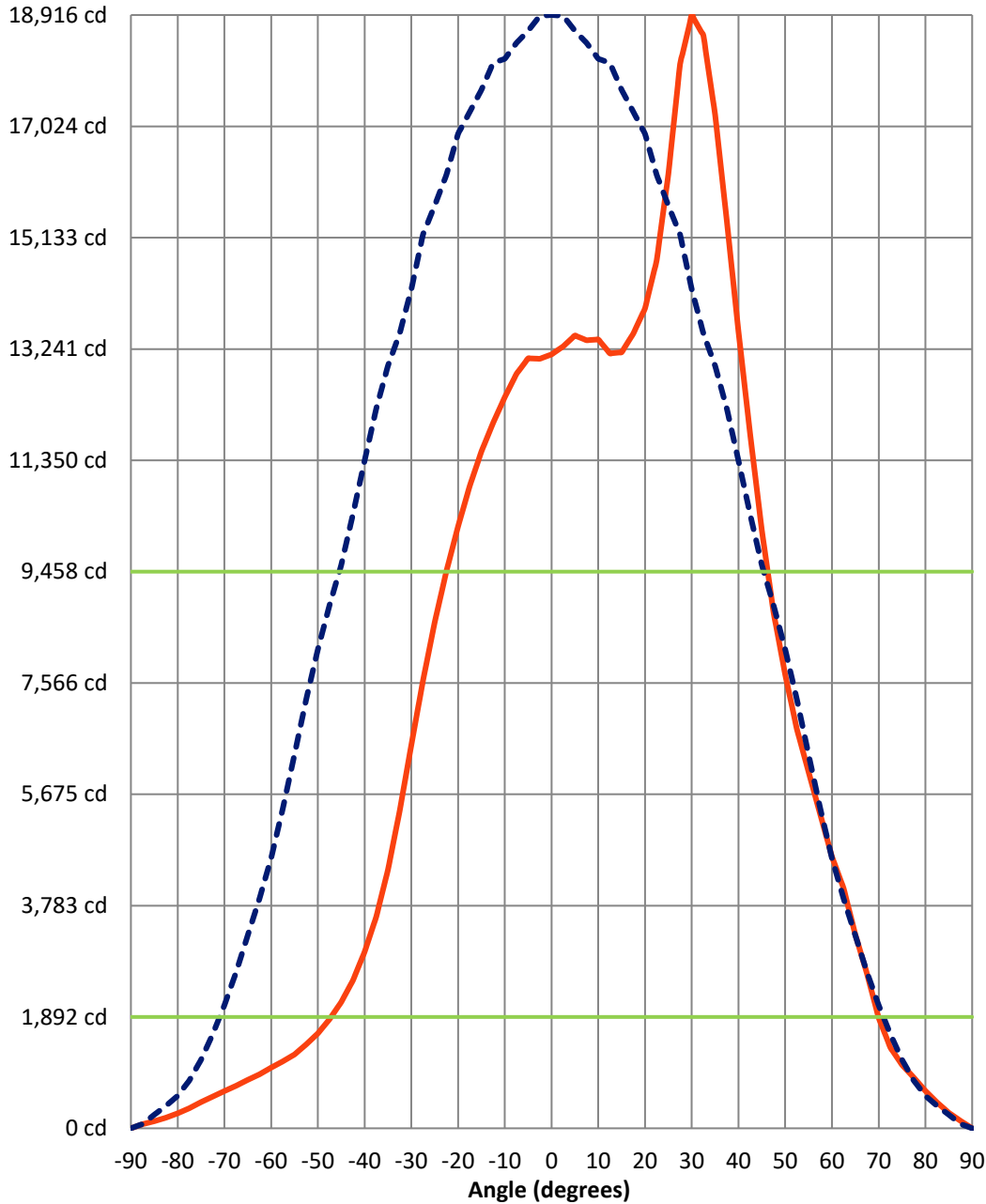
### Luminous Intensity Polar Plot



— 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: 18361.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 29590.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1985.2  
 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°	127.1	130.5	133.8	133.8	130.5	130.5	130.5	127.1	130.5	130.5	130.5
85°	264.3	270.9	277.6	274.3	270.9	264.3	257.6	260.9	264.3	267.6	267.6
82.5°	438.2	448.2	454.9	451.6	444.9	438.2	431.5	434.8	441.5	444.9	444.9
80°	635.5	638.9	642.2	648.9	638.9	638.9	635.5	648.9	655.6	662.3	669.0
77.5°	863.0	866.4	866.4	869.7	873.0	876.4	876.4	899.8	916.5	926.6	936.6
75°	1077.1	1087.1	1097.2	1107.2	1120.6	1127.3	1137.3	1170.7	1197.5	1217.6	1237.6
72.5°	1371.4	1384.8	1401.5	1425.0	1448.4	1465.1	1488.5	1528.7	1558.8	1578.8	1602.2
70°	1876.5	1889.9	1906.6	1923.4	1946.8	1963.5	1986.9	2037.1	2067.2	2080.6	2094.0
67.5°	2625.8	2659.3	2689.4	2655.9	2639.2	2615.8	2622.5	2669.3	2699.4	2719.5	2716.1
65°	3291.5	3314.9	3314.9	3311.5	3298.2	3268.0	3284.8	3341.6	3375.1	3391.8	3341.6
62.5°	4074.2	4074.2	4057.5	4084.2	4087.6	4067.5	4057.5	4060.8	4064.2	4074.2	3990.6
60°	4616.1	4649.5	4659.6	4683.0	4689.7	4689.7	4706.4	4719.8	4719.8	4699.7	4602.7
57.5°	5331.9	5395.5	5408.8	5392.1	5358.7	5315.2	5308.5	5288.4	5248.3	5208.1	5161.3
55°	6054.4	6087.9	6084.5	6074.5	6041.0	5990.9	5997.6	5970.8	5907.2	5857.1	5793.5
52.5°	6780.3	6860.6	6873.9	6853.9	6807.0	6753.5	6756.9	6726.8	6663.2	6609.7	6522.7
50°	7706.8	7773.7	7767.0	7733.6	7666.7	7626.6	7629.9	7573.0	7499.4	7482.7	7369.0
47.5°	8767.2	8844.1	8830.7	8783.9	8693.6	8676.9	8693.6	8620.0	8576.5	8539.7	8405.9
45°	10158.7	10249.0	10198.8	10108.5	9964.7	9981.4	10004.8	9991.5	9897.8	9800.8	9630.2
42.5°	11791.1	11847.9	11787.7	11697.4	11516.8	11550.2	11536.8	11456.6	11399.7	11239.1	11021.7
40°	13537.1	13660.9	13567.2	13426.8	13239.4	13289.6	13252.8	13149.1	13015.3	12814.6	12540.3
37.5°	15420.4	15517.4	15410.3	15246.4	15079.2	15062.4	14988.9	14828.3	14637.6	14416.9	13978.7
35°	17223.3	17474.2	17276.8	17015.9	16811.9	16734.9	16664.7	16293.4	16076.0	15718.1	15119.3
32.5°	18564.6	18748.6	18504.4	18233.5	17986.0	17878.9	17631.4	17189.9	17072.8	16320.2	15771.6
30°	18915.9	18902.5	18648.3	18440.9	18173.3	18099.7	17644.8	17270.1	16895.5	16199.7	15677.9
27.5°	18079.6	17996.0	17751.8	17571.2	17306.9	17220.0	16771.7	16571.0	15992.4	15403.6	14962.1
25°	16216.5	16260.0	16076.0	15985.7	15811.7	15624.4	15447.1	15176.2	14814.9	14299.8	13895.1
22.5°	14748.0	14804.9	14728.0	14620.9	14487.1	14383.4	14249.6	14038.9	13691.0	13373.2	12991.9
20°	13931.8	13915.1	13848.2	13767.9	13640.8	13567.2	13420.1	13242.8	12975.2	12700.9	12289.5
17.5°	13503.7	13400.0	13336.4	13306.3	13239.4	13145.8	12971.8	12791.2	12583.8	12272.7	11971.7
15°	13185.9	13202.6	13152.5	13129.0	13075.5	12945.1	12767.8	12620.6	12339.6	12182.4	11908.1
12.5°	13165.8	13149.1	13152.5	13142.4	13075.5	12908.3	12818.0	12630.6	12450.0	12242.6	11928.2
10°	13403.3	13226.1	13239.4	13286.3	13179.2	13045.4	12948.4	12744.4	12573.8	12309.5	11998.4
7.5°	13390.0	13299.6	13326.4	13249.5	13282.9	13119.0	12985.2	12781.2	12567.1	12286.1	12005.1
5°	13470.2	13333.1	13309.7	13316.4	13232.7	13109.0	12928.4	12734.3	12533.6	12219.2	11931.5
2.5°	13286.3	13306.3	13199.3	13159.2	13149.1	12941.7	12774.5	12587.2	12379.8	12102.1	11844.6
0°	13149.1	13185.9	13075.5	13018.7	13015.3	12838.0	12731.0	12516.9	12369.7	12138.9	11827.9
-2.5°	13075.5	13119.0	13132.4	13028.7	12928.4	12791.2	12610.6	12379.8	12138.9	11871.3	11603.7
-5°	13082.2	12995.3	12958.5	12991.9	12904.9	12767.8	12567.1	12363.0	12125.6	11837.9	11503.4
-7.5°	12818.0	12731.0	12724.3	12707.6	12687.5	12557.1	12389.8	12169.0	11928.2	11660.6	11349.5
-10°	12423.3	12359.7	12343.0	12326.3	12272.7	12195.8	12038.6	11837.9	11620.5	11352.9	11021.7
-12.5°	11985.1	11955.0	11891.4	11847.9	11794.4	11704.1	11553.6	11369.6	11152.2	10914.7	10630.3
-15°	11500.0	11443.2	11379.6	11342.8	11265.9	11158.9	11008.3	10837.7	10600.2	10366.1	10098.5
-17.5°	10914.7	10844.4	10774.2	10764.1	10710.6	10546.7	10406.2	10198.8	9991.5	9767.3	9506.4
-20°	10225.6	10128.6	10081.8	10055.0	9981.4	9861.0	9710.5	9519.8	9319.1	9105.0	8804.0



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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°	9463.0	9379.3	9299.0	9248.9	9185.3	9091.7	8947.8	8780.6	8583.2	8342.4	8064.7
-25°	8596.6	8479.5	8429.4	8372.5	8339.0	8252.1	8111.6	7957.7	7753.7	7519.5	7255.3
-27.5°	7606.5	7512.8	7486.1	7405.8	7365.6	7275.3	7158.3	7014.4	6827.1	6606.3	6388.9
-30°	6512.7	6455.8	6412.3	6332.0	6301.9	6204.9	6128.0	6007.6	5837.0	5679.8	5505.8
-32.5°	5388.8	5331.9	5318.5	5281.7	5261.7	5198.1	5111.1	5024.2	4887.0	4769.9	4629.5
-35°	4392.0	4351.8	4355.2	4351.8	4331.8	4284.9	4177.9	4154.5	4054.1	3947.1	3856.8
-37.5°	3595.9	3599.2	3595.9	3592.5	3565.7	3545.7	3468.7	3438.6	3378.4	3274.7	3221.2
-40°	2997.1	3003.8	3000.4	2993.8	2963.7	2953.6	2903.4	2863.3	2839.9	2766.3	2709.4
-42.5°	2512.1	2522.1	2518.8	2515.4	2495.4	2492.0	2465.3	2418.4	2405.0	2361.6	2301.3
-45°	2144.1	2140.8	2134.1	2140.8	2130.8	2120.7	2104.0	2073.9	2057.2	2037.1	1986.9
-47.5°	1853.1	1856.5	1849.8	1849.8	1836.4	1826.4	1819.7	1799.6	1786.2	1769.5	1739.4
-50°	1612.3	1625.7	1622.3	1619.0	1608.9	1602.2	1602.2	1582.2	1562.1	1555.4	1535.3
-52.5°	1425.0	1435.0	1438.3	1445.0	1448.4	1451.7	1441.7	1421.6	1388.2	1384.8	1374.8
-55°	1254.4	1284.5	1304.5	1317.9	1331.3	1341.3	1321.3	1294.5	1261.1	1247.7	1244.3
-57.5°	1137.3	1167.4	1190.8	1210.9	1227.6	1244.3	1224.3	1197.5	1167.4	1150.7	1147.3
-60°	1030.3	1057.0	1080.4	1107.2	1130.6	1157.4	1147.3	1127.3	1110.5	1097.2	1083.8
-62.5°	916.5	943.3	970.0	1003.5	1033.6	1060.4	1063.7	1060.4	1057.0	1060.4	1036.9
-65°	822.9	836.2	853.0	889.8	923.2	953.3	970.0	980.1	996.8	1013.5	990.1
-67.5°	722.5	739.2	759.3	786.1	812.8	832.9	856.3	883.1	909.8	936.6	919.9
-70°	632.2	645.6	662.3	675.7	692.4	705.8	725.9	756.0	786.1	812.8	806.1
-72.5°	538.5	551.9	562.0	568.6	578.7	585.4	595.4	622.2	642.2	655.6	655.6
-75°	444.9	458.3	468.3	471.6	478.3	481.7	488.4	498.4	508.4	511.8	515.1
-77.5°	341.2	354.6	364.6	371.3	378.0	384.7	388.0	394.7	398.1	398.1	401.4
-80°	254.2	264.3	270.9	281.0	284.3	291.0	297.7	301.0	304.4	304.4	307.7
-82.5°	180.6	187.3	194.0	200.7	207.4	210.7	217.4	220.8	224.1	227.5	230.8
-85°	120.4	127.1	133.8	140.5	143.8	147.2	150.5	153.9	157.2	160.6	163.9
-87.5°	70.2	73.6	76.9	83.6	87.0	93.7	97.0	93.7	97.0	97.0	97.0
-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°	130.5	130.5	130.5	130.5	127.1	120.4	117.1	110.4	103.7	97.0	90.3
85°	270.9	274.3	274.3	274.3	267.6	264.3	254.2	244.2	230.8	210.7	194.0
82.5°	451.6	454.9	454.9	451.6	444.9	434.8	421.5	404.7	378.0	351.2	327.8
80°	679.0	682.4	682.4	679.0	662.3	645.6	628.9	608.8	575.3	538.5	498.4
77.5°	950.0	956.7	956.7	946.6	923.2	903.1	876.4	842.9	792.8	739.2	685.7
75°	1264.4	1281.1	1284.5	1274.4	1244.3	1207.5	1164.1	1107.2	1030.3	963.4	899.8
72.5°	1629.0	1645.7	1659.1	1645.7	1602.2	1552.1	1488.5	1421.6	1344.7	1254.4	1147.3
70°	2107.3	2124.1	2134.1	2090.6	2013.7	1930.1	1853.1	1776.2	1685.9	1575.5	1458.4
67.5°	2709.4	2692.7	2672.6	2585.7	2488.7	2388.3	2281.3	2167.5	2050.5	1933.4	1796.3
65°	3288.1	3241.3	3197.8	3094.1	2970.3	2839.9	2716.1	2589.0	2448.5	2301.3	2170.9
62.5°	3896.9	3796.6	3689.5	3562.4	3435.3	3291.5	3167.7	3017.2	2860.0	2679.3	2512.1
60°	4495.7	4375.2	4268.2	4111.0	3943.7	3749.7	3615.9	3468.7	3284.8	3090.8	2893.4
57.5°	5074.3	4943.9	4826.8	4689.7	4509.0	4298.3	4151.1	3960.5	3766.4	3522.3	3321.6
55°	5689.8	5559.4	5465.7	5311.8	5114.5	4920.5	4759.9	4559.2	4288.3	4027.4	3779.8
52.5°	6395.6	6291.9	6191.6	6034.3	5796.9	5599.5	5422.2	5198.1	4913.8	4592.7	4295.0
50°	7185.0	7131.5	7024.5	6840.5	6569.5	6395.6	6161.5	5863.8	5559.4	5221.5	4850.2
47.5°	8232.0	8145.0	7994.5	7793.8	7566.3	7305.4	6991.0	6643.1	6211.6	5837.0	5442.3
45°	9483.0	9322.5	9128.5	8857.5	8576.5	8282.2	7937.6	7496.1	6917.4	6429.1	6014.3
42.5°	10837.7	10620.3	10356.1	10001.5	9636.9	9275.6	8904.3	8302.2	7579.7	7017.8	6549.5
40°	12252.7	11975.0	11643.9	11128.8	10724.0	10259.1	9834.2	8934.4	8165.1	7556.3	7057.9
37.5°	13637.5	13286.3	12731.0	12105.5	11633.8	11252.5	10319.3	9355.9	8666.8	7997.8	7492.8
35°	14697.8	14400.1	13420.1	12771.1	12366.4	11764.3	10596.9	9610.1	8880.9	8325.7	7539.6
32.5°	15326.7	14557.4	13697.7	13042.1	12707.6	11720.8	10617.0	9683.7	8981.3	8359.1	7419.2
30°	15186.2	14256.3	13503.7	12955.1	12229.2	11342.8	10429.7	9570.0	8887.6	8135.0	7285.4
27.5°	14339.9	13620.8	12948.4	12376.4	11663.9	10867.8	10024.9	9268.9	8633.4	7904.2	7101.4
25°	13383.3	12731.0	12232.6	11734.2	11058.5	10299.2	9556.6	9011.4	8372.5	7653.3	6860.6
22.5°	12503.5	12035.2	11643.9	11122.1	10463.1	9800.8	9339.2	8773.9	8118.3	7389.1	6613.0
20°	11941.6	11623.8	11175.6	10600.2	10081.8	9667.0	9155.2	8556.5	7880.8	7118.1	6402.3
17.5°	11670.6	11302.7	10804.3	10429.7	10031.6	9576.7	9004.7	8369.1	7650.0	6994.4	6425.7
15°	11530.1	11142.1	10814.3	10446.4	9998.1	9519.8	8884.3	8225.3	7650.0	7044.5	6442.4
12.5°	11560.3	11225.8	10867.8	10466.4	9984.8	9473.0	8897.6	8285.5	7690.1	7081.3	6445.8
10°	11653.9	11302.7	10921.4	10476.5	9991.5	9486.4	8934.4	8322.3	7710.2	7098.0	6439.1
7.5°	11687.4	11306.0	10897.9	10449.7	9974.7	9479.7	8941.1	8332.3	7713.5	7094.7	6419.0
5°	11583.7	11239.1	10844.4	10392.9	9927.9	9446.2	8914.4	8319.0	7686.8	7061.3	6368.8
2.5°	11443.2	11165.5	10787.6	10352.7	9881.1	9399.4	8870.9	8258.8	7626.6	7001.0	6305.3
0°	11419.8	11075.2	10693.9	10305.9	9804.1	9295.7	8770.5	8145.0	7516.2	6887.3	6194.9
-2.5°	11265.9	10901.3	10520.0	10098.5	9657.0	9145.2	8593.3	7981.1	7359.0	6740.1	6074.5
-5°	11148.8	10744.1	10339.3	9884.4	9439.5	8927.8	8355.8	7760.4	7151.6	6549.5	5907.2
-7.5°	10991.6	10576.8	10152.0	9677.0	9195.4	8673.5	8108.2	7512.8	6914.1	6315.3	5699.8
-10°	10673.8	10309.2	9911.2	9419.5	8911.0	8389.2	7827.3	7241.9	6643.1	6037.7	5418.9
-12.5°	10289.2	9904.5	9469.6	9018.1	8563.2	8078.1	7516.2	6940.8	6338.7	5730.0	5114.5
-15°	9790.8	9412.8	8967.9	8526.4	8088.2	7623.2	7128.2	6609.7	5997.6	5398.8	4783.3
-17.5°	9168.6	8814.0	8416.0	7994.5	7559.7	7091.4	6609.7	6171.5	5599.5	5037.5	4428.8
-20°	8499.6	8168.4	7810.5	7412.5	6977.6	6519.4	6064.5	5606.2	5111.1	4616.1	4050.8



REPORT NUMBER: P722243  
 CATALOG NUMBER: IFLD-L-SA7D-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°	7803.8	7469.3	7108.1	6736.8	6335.4	5910.6	5489.1	5050.9	4616.1	4167.8	3689.5
-25°	7001.0	6706.7	6375.5	6014.3	5656.4	5285.1	4883.7	4485.6	4114.3	3726.3	3334.9
-27.5°	6161.5	5890.5	5589.5	5275.0	4967.3	4656.2	4308.3	3940.4	3632.6	3311.5	2987.1
-30°	5278.4	5061.0	4816.8	4542.5	4305.0	4054.1	3763.1	3458.7	3177.7	2933.5	2672.6
-32.5°	4442.1	4258.2	4084.2	3903.6	3669.4	3475.4	3274.7	3050.6	2803.1	2572.3	2385.0
-35°	3723.0	3525.6	3452.0	3318.2	3151.0	2980.4	2833.2	2672.6	2485.3	2281.3	2127.4
-37.5°	3117.5	3000.4	2896.8	2823.2	2712.8	2575.6	2458.6	2341.5	2197.7	2043.8	1889.9
-40°	2645.9	2565.6	2451.9	2415.1	2344.8	2251.2	2130.8	2040.4	1943.4	1826.4	1695.9
-42.5°	2267.9	2207.7	2134.1	2070.5	2040.4	1973.5	1879.9	1792.9	1716.0	1635.7	1535.3
-45°	1956.8	1916.7	1869.8	1813.0	1789.6	1736.0	1669.1	1572.1	1528.7	1461.8	1388.2
-47.5°	1705.9	1685.9	1652.4	1615.6	1582.2	1542.0	1481.8	1421.6	1361.4	1317.9	1261.1
-50°	1508.6	1495.2	1475.1	1445.0	1401.5	1374.8	1334.6	1281.1	1224.3	1187.5	1147.3
-52.5°	1351.4	1338.0	1324.6	1301.2	1267.7	1241.0	1207.5	1164.1	1117.2	1080.4	1047.0
-55°	1231.0	1210.9	1200.8	1180.8	1154.0	1123.9	1093.8	1063.7	1023.6	990.1	956.7
-57.5°	1137.3	1110.5	1097.2	1080.4	1053.7	1023.6	1000.1	970.0	943.3	906.5	876.4
-60°	1063.7	1033.6	1006.8	990.1	966.7	936.6	913.2	889.8	863.0	832.9	796.1
-62.5°	1003.5	966.7	929.9	909.8	886.4	859.7	836.2	812.8	786.1	756.0	722.5
-65°	946.6	903.1	856.3	836.2	812.8	786.1	756.0	739.2	715.8	689.1	655.6
-67.5°	876.4	829.6	789.4	766.0	742.6	719.2	692.4	675.7	652.3	618.8	585.4
-70°	772.7	742.6	715.8	695.8	675.7	655.6	628.9	602.1	575.3	545.2	515.1
-72.5°	642.2	632.2	628.9	618.8	595.4	572.0	545.2	518.5	495.1	471.6	448.2
-75°	518.5	525.2	531.9	528.5	505.1	481.7	458.3	434.8	418.1	398.1	378.0
-77.5°	411.4	418.1	424.8	424.8	408.1	394.7	378.0	361.3	347.9	331.2	311.1
-80°	317.8	327.8	337.8	344.5	331.2	321.1	307.7	294.4	281.0	267.6	254.2
-82.5°	240.8	250.9	260.9	267.6	257.6	250.9	240.8	230.8	220.8	207.4	197.4
-85°	173.9	180.6	187.3	190.7	184.0	177.3	170.6	163.9	157.2	147.2	140.5
-87.5°	100.3	103.7	107.0	110.4	103.7	97.0	93.7	87.0	83.6	76.9	73.6
-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: P722243  
 CATALOG NUMBER: IFLD-L-SA7D-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°	83.6	76.9	70.2	66.9	60.2	50.2	43.5	36.8	30.1	23.4	20.1
85°	177.3	160.6	140.5	130.5	117.1	103.7	90.3	76.9	63.6	50.2	36.8
82.5°	304.4	284.3	264.3	240.8	210.7	173.9	137.1	113.7	93.7	73.6	56.9
80°	458.3	421.5	388.0	357.9	324.5	277.6	227.5	180.6	127.1	97.0	73.6
77.5°	635.5	592.1	545.2	495.1	441.5	378.0	321.1	260.9	197.4	133.8	93.7
75°	836.2	779.4	715.8	645.6	575.3	491.7	411.4	341.2	267.6	187.3	113.7
72.5°	1060.4	990.1	913.2	819.5	709.1	612.1	515.1	421.5	334.5	237.5	153.9
70°	1348.0	1237.6	1123.9	1023.6	883.1	729.2	615.5	508.4	398.1	291.0	194.0
67.5°	1655.8	1522.0	1384.8	1237.6	1060.4	879.7	715.8	595.4	465.0	341.2	230.8
65°	1990.3	1823.0	1649.1	1485.2	1241.0	1026.9	842.9	679.0	528.5	388.0	267.6
62.5°	2334.8	2137.4	1936.7	1722.7	1441.7	1177.4	963.4	772.7	588.7	431.5	301.0
60°	2702.7	2471.9	2227.8	1960.2	1632.4	1341.3	1077.1	869.7	652.3	475.0	337.8
57.5°	3090.8	2839.9	2552.2	2191.0	1829.7	1498.6	1207.5	956.7	709.1	515.1	364.6
55°	3512.2	3224.6	2910.1	2431.8	2023.7	1655.8	1338.0	1043.6	769.3	548.6	391.4
52.5°	3967.1	3632.6	3234.6	2686.0	2227.8	1816.3	1458.4	1120.6	826.2	585.4	414.8
50°	4475.6	4054.1	3518.9	2920.2	2405.0	1966.8	1578.8	1204.2	873.0	625.5	434.8
47.5°	5004.1	4549.2	3773.1	3137.6	2585.7	2114.0	1702.6	1277.8	919.9	659.0	454.9
45°	5556.0	4893.7	4037.4	3331.6	2742.9	2247.8	1796.3	1344.7	976.7	689.1	471.6
42.5°	6101.2	5154.6	4268.2	3525.6	2890.1	2368.2	1873.2	1408.2	1023.6	719.2	488.4
40°	6358.8	5352.0	4452.2	3659.4	3013.8	2475.3	1940.1	1465.1	1063.7	739.2	505.1
37.5°	6465.8	5472.4	4572.6	3786.5	3110.8	2532.2	1997.0	1515.3	1097.2	759.3	518.5
35°	6489.3	5515.9	4632.8	3873.5	3191.1	2585.7	2040.4	1552.1	1123.9	779.4	531.9
32.5°	6445.8	5502.5	4649.5	3903.6	3241.3	2625.8	2070.5	1578.8	1144.0	799.5	545.2
30°	6348.8	5432.2	4589.3	3900.2	3278.1	2649.2	2090.6	1598.9	1164.1	812.8	551.9
27.5°	6191.6	5308.5	4512.4	3903.6	3298.2	2659.3	2100.6	1608.9	1177.4	822.9	565.3
25°	5997.6	5141.2	4515.7	3896.9	3301.5	2662.6	2100.6	1608.9	1180.8	826.2	575.3
22.5°	5773.4	5141.2	4515.7	3886.9	3281.4	2655.9	2090.6	1602.2	1180.8	832.9	585.4
20°	5786.8	5144.6	4505.7	3866.8	3251.3	2635.8	2067.2	1585.5	1170.7	842.9	592.1
17.5°	5796.9	5137.9	4485.6	3840.0	3211.2	2602.4	2037.1	1562.1	1170.7	853.0	595.4
15°	5796.9	5117.8	4455.5	3799.9	3161.0	2555.6	1993.6	1542.0	1174.1	856.3	602.1
12.5°	5786.8	5081.0	4408.7	3746.4	3100.8	2498.7	1966.8	1535.3	1174.1	859.7	602.1
10°	5766.7	5030.9	4348.5	3679.5	3043.9	2478.6	1953.5	1522.0	1167.4	859.7	602.1
7.5°	5730.0	4970.6	4298.3	3639.3	3010.5	2455.2	1933.4	1501.9	1157.4	853.0	608.8
5°	5673.1	4937.2	4258.2	3592.5	2963.7	2438.5	1920.0	1485.2	1150.7	853.0	602.1
2.5°	5599.5	4897.1	4211.3	3532.3	2910.1	2381.6	1876.5	1448.4	1127.3	839.6	595.4
0°	5479.1	4816.8	4131.1	3448.7	2836.5	2324.8	1833.0	1411.6	1103.8	826.2	588.7
-2.5°	5368.7	4709.7	4027.4	3361.7	2766.3	2274.6	1799.6	1391.5	1093.8	822.9	585.4
-5°	5214.8	4562.6	3890.2	3248.0	2672.6	2224.4	1766.1	1368.1	1083.8	816.2	585.4
-7.5°	5044.2	4408.7	3746.4	3130.9	2579.0	2137.4	1702.6	1331.3	1060.4	802.8	582.0
-10°	4780.0	4177.9	3565.7	2997.1	2478.6	2060.5	1649.1	1297.9	1040.3	789.4	568.6
-12.5°	4499.0	3923.7	3358.4	2833.2	2364.9	1980.2	1588.9	1261.1	1016.9	776.0	562.0
-15°	4201.3	3662.8	3140.9	2662.6	2241.1	1883.2	1525.3	1220.9	993.5	759.3	551.9
-17.5°	3890.2	3388.5	2916.8	2488.7	2117.4	1782.9	1458.4	1184.1	966.7	742.6	541.9
-20°	3562.4	3107.5	2689.4	2311.4	1986.9	1682.5	1388.2	1140.6	936.6	722.5	528.5



REPORT NUMBER: P722243

CATALOG NUMBER: IFLD-L-SA7D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3237.9	2829.9	2455.2	2137.4	1853.1	1578.8	1317.9	1097.2	903.1	699.1	518.5
-25°	2950.3	2568.9	2247.8	1970.2	1722.7	1478.5	1244.3	1053.7	866.4	675.7	505.1
-27.5°	2669.3	2344.8	2043.8	1813.0	1595.6	1381.5	1174.1	1006.8	829.6	648.9	491.7
-30°	2408.4	2130.8	1883.2	1659.1	1475.1	1294.5	1113.9	960.0	789.4	622.2	475.0
-32.5°	2170.9	1946.8	1739.4	1525.3	1361.4	1207.5	1057.0	913.2	749.3	595.4	458.3
-35°	1950.1	1776.2	1595.6	1414.9	1247.7	1127.3	996.8	863.0	712.5	565.3	441.5
-37.5°	1752.8	1612.3	1468.4	1314.6	1170.7	1050.3	939.9	812.8	675.7	538.5	424.8
-40°	1582.2	1468.4	1341.3	1217.6	1097.2	983.4	883.1	762.7	638.9	518.5	408.1
-42.5°	1425.0	1338.0	1234.3	1130.6	1023.6	923.2	826.2	709.1	602.1	495.1	391.4
-45°	1304.5	1217.6	1133.9	1040.3	950.0	863.0	766.0	662.3	568.6	468.3	374.6
-47.5°	1190.8	1113.9	1036.9	960.0	886.4	806.1	709.1	622.2	531.9	444.9	361.3
-50°	1090.5	1016.9	950.0	883.1	819.5	742.6	652.3	582.0	501.7	421.5	344.5
-52.5°	996.8	933.2	866.4	812.8	759.3	682.4	608.8	541.9	471.6	394.7	327.8
-55°	913.2	853.0	792.8	742.6	692.4	625.5	565.3	508.4	441.5	374.6	311.1
-57.5°	832.9	782.7	725.9	679.0	628.9	575.3	525.2	471.6	411.4	354.6	294.4
-60°	759.3	712.5	662.3	615.5	572.0	528.5	481.7	438.2	384.7	331.2	277.6
-62.5°	685.7	645.6	602.1	555.3	521.8	481.7	444.9	401.4	357.9	311.1	247.5
-65°	618.8	582.0	541.9	501.7	471.6	441.5	408.1	367.9	331.2	287.7	220.8
-67.5°	551.9	518.5	485.0	451.6	424.8	401.4	367.9	337.8	307.7	260.9	194.0
-70°	488.4	461.6	431.5	404.7	384.7	357.9	334.5	307.7	281.0	227.5	163.9
-72.5°	428.2	401.4	378.0	357.9	341.2	317.8	297.7	277.6	240.8	190.7	137.1
-75°	357.9	341.2	327.8	311.1	294.4	277.6	260.9	237.5	200.7	153.9	107.0
-77.5°	294.4	284.3	274.3	260.9	247.5	234.1	214.1	190.7	160.6	120.4	87.0
-80°	240.8	230.8	224.1	210.7	200.7	187.3	167.2	147.2	117.1	93.7	70.2
-82.5°	184.0	177.3	170.6	163.9	153.9	140.5	120.4	103.7	87.0	70.2	53.5
-85°	130.5	127.1	120.4	113.7	103.7	93.7	80.3	70.2	60.2	46.8	36.8
-87.5°	66.9	63.6	60.2	56.9	53.5	46.8	40.1	33.4	30.1	23.4	16.7
-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: P722243

CATALOG NUMBER: IFLD-L-SA7D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.4	10.0	3.3	0.0
85°	26.8	16.7	6.7	0.0
82.5°	40.1	26.8	10.0	0.0
80°	53.5	33.4	16.7	0.0
77.5°	66.9	40.1	20.1	0.0
75°	80.3	50.2	23.4	0.0
72.5°	90.3	56.9	26.8	0.0
70°	107.0	66.9	30.1	0.0
67.5°	133.8	73.6	33.4	0.0
65°	157.2	80.3	36.8	0.0
62.5°	184.0	87.0	40.1	0.0
60°	207.4	93.7	43.5	0.0
57.5°	230.8	110.4	46.8	0.0
55°	250.9	123.8	50.2	0.0
52.5°	274.3	137.1	53.5	0.0
50°	294.4	150.5	56.9	0.0
47.5°	311.1	163.9	56.9	0.0
45°	324.5	173.9	60.2	0.0
42.5°	334.5	184.0	63.6	0.0
40°	344.5	194.0	66.9	0.0
37.5°	354.6	204.0	66.9	0.0
35°	364.6	214.1	70.2	0.0
32.5°	374.6	224.1	70.2	0.0
30°	381.3	230.8	73.6	0.0
27.5°	391.4	237.5	73.6	0.0
25°	394.7	244.2	76.9	0.0
22.5°	401.4	247.5	76.9	0.0
20°	408.1	254.2	76.9	0.0
17.5°	411.4	257.6	80.3	0.0
15°	411.4	260.9	83.6	0.0
12.5°	414.8	264.3	83.6	0.0
10°	414.8	270.9	80.3	0.0
7.5°	421.5	267.6	80.3	0.0
5°	418.1	267.6	80.3	0.0
2.5°	414.8	264.3	80.3	0.0
0°	411.4	264.3	80.3	0.0
-2.5°	411.4	264.3	80.3	0.0
-5°	411.4	264.3	80.3	0.0
-7.5°	408.1	267.6	80.3	0.0
-10°	401.4	267.6	80.3	0.0
-12.5°	398.1	257.6	80.3	0.0
-15°	394.7	254.2	80.3	0.0
-17.5°	388.0	250.9	76.9	0.0
-20°	381.3	247.5	76.9	0.0



REPORT NUMBER: P722243

CATALOG NUMBER: IFLD-L-SA7D-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	374.6	240.8	76.9	0.0
-25°	367.9	234.1	73.6	0.0
-27.5°	361.3	227.5	73.6	0.0
-30°	351.2	220.8	70.2	0.0
-32.5°	341.2	214.1	70.2	0.0
-35°	334.5	204.0	66.9	0.0
-37.5°	324.5	194.0	66.9	0.0
-40°	314.4	184.0	63.6	0.0
-42.5°	304.4	173.9	60.2	0.0
-45°	291.0	163.9	60.2	0.0
-47.5°	281.0	153.9	56.9	0.0
-50°	264.3	140.5	53.5	0.0
-52.5°	244.2	127.1	50.2	0.0
-55°	224.1	117.1	46.8	0.0
-57.5°	204.0	103.7	46.8	0.0
-60°	184.0	90.3	43.5	0.0
-62.5°	163.9	83.6	40.1	0.0
-65°	143.8	76.9	36.8	0.0
-67.5°	120.4	66.9	33.4	0.0
-70°	100.3	60.2	30.1	0.0
-72.5°	87.0	53.5	26.8	0.0
-75°	73.6	46.8	23.4	0.0
-77.5°	63.6	40.1	20.1	0.0
-80°	50.2	30.1	13.4	0.0
-82.5°	36.8	23.4	10.0	0.0
-85°	23.4	16.7	6.7	0.0
-87.5°	13.4	6.7	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)