

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: P722698

Luminaire Tested: **IFLD-S-SA6E-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722698
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

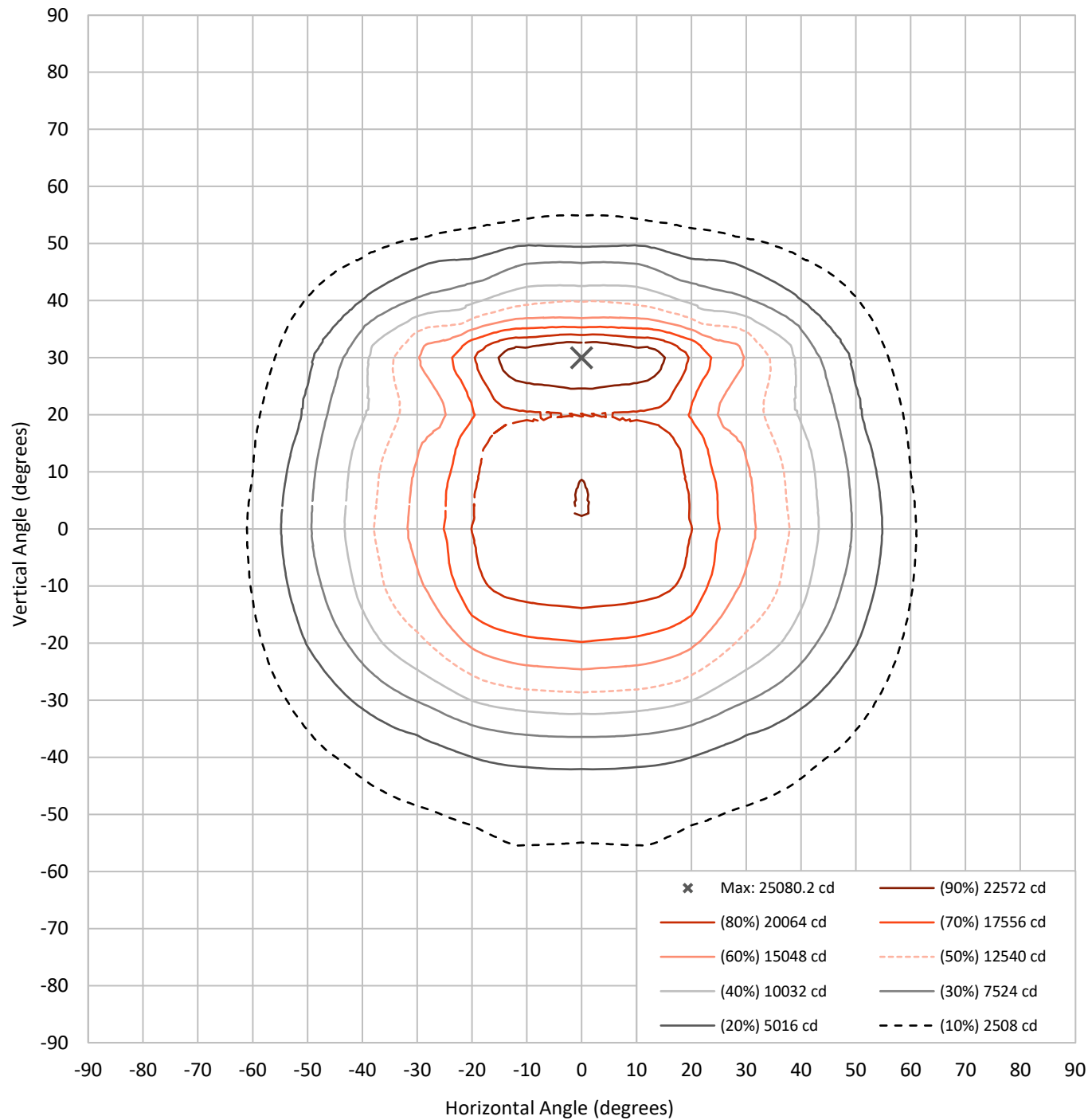
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35925.8 lumens	Max Intensity:	25080.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	77.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	22919.1 lumens	Field Lumens:	33869.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	464.2		
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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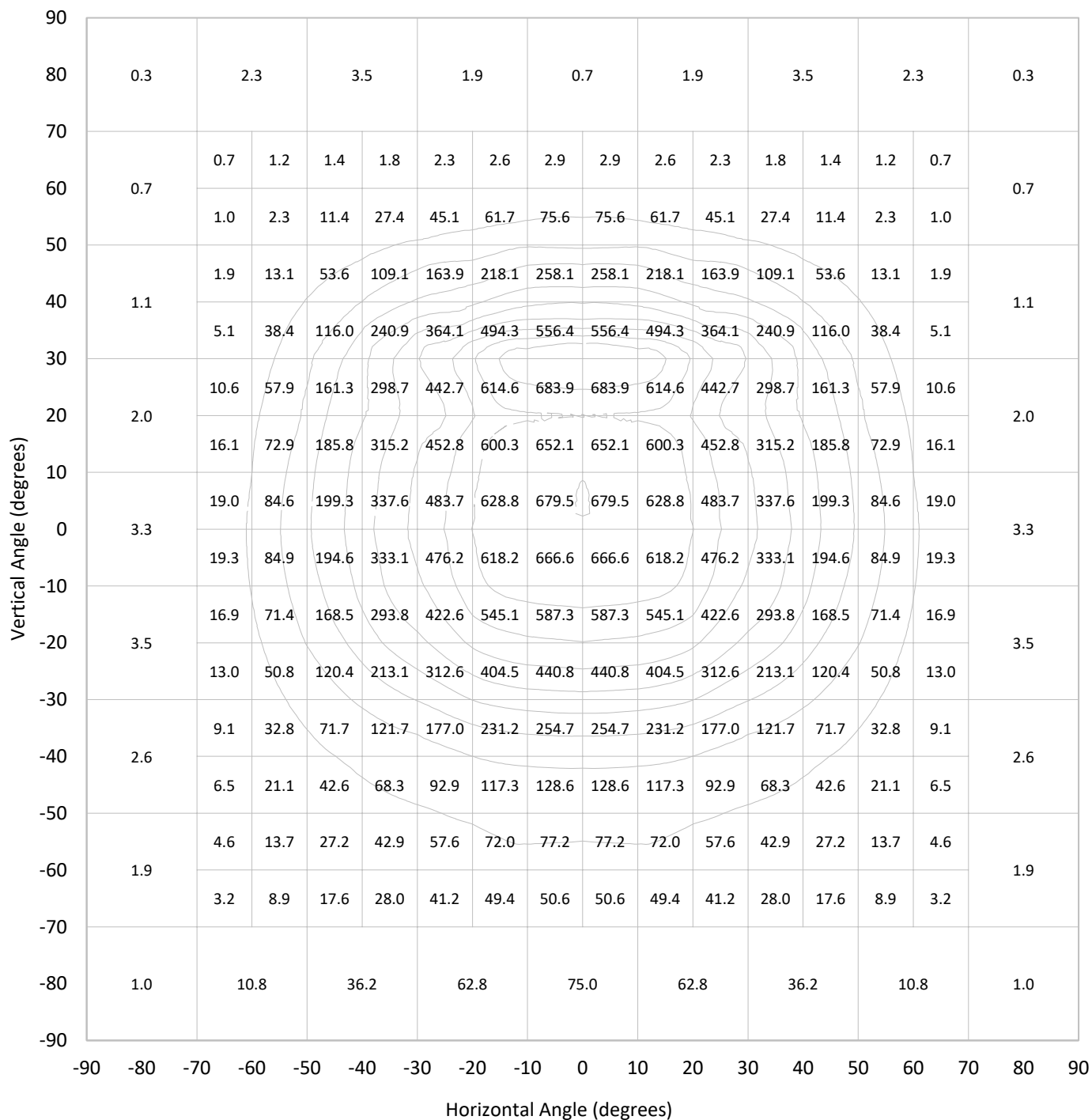
Iso-Candela Plot



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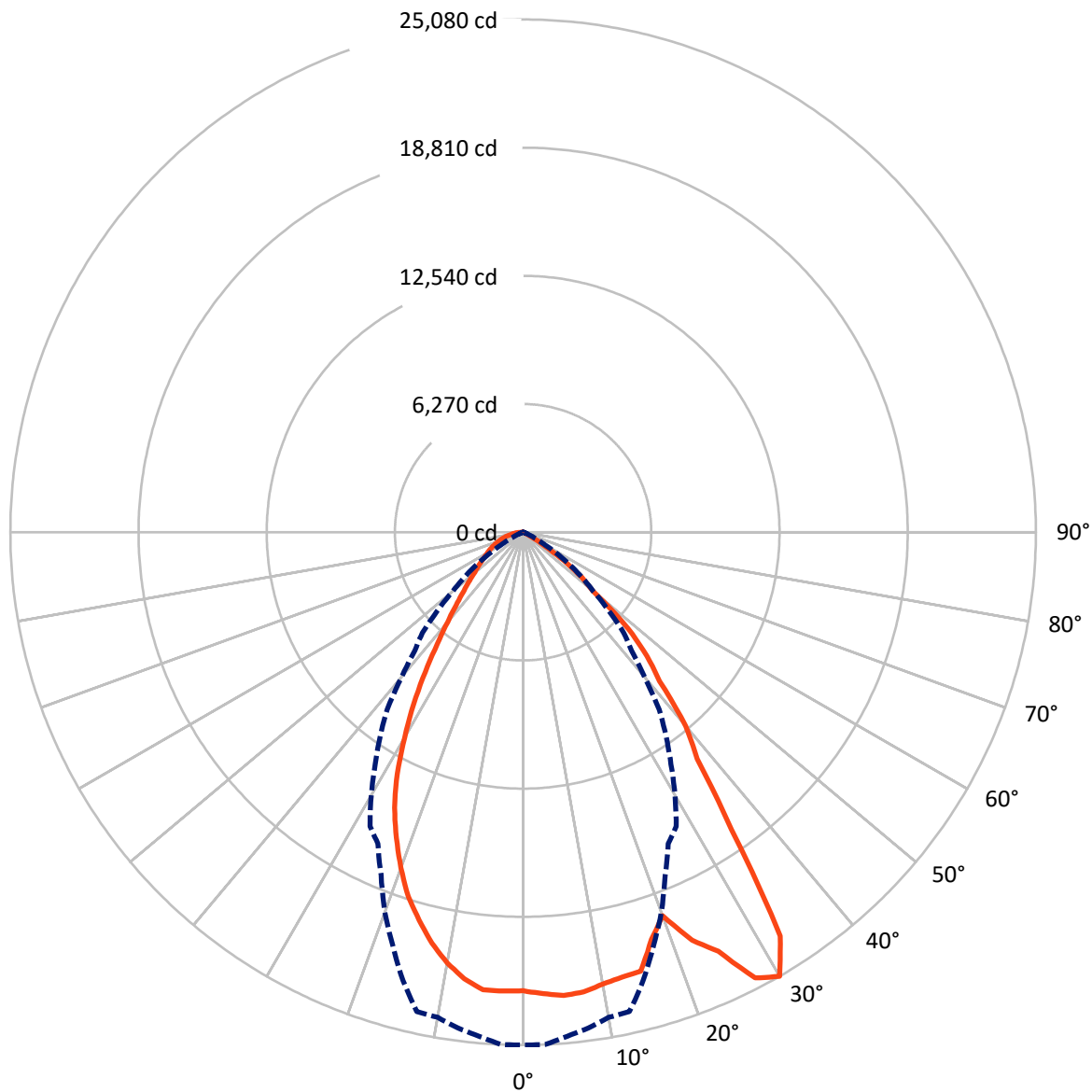
Lumen Table



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Luminous Intensity Polar Plot

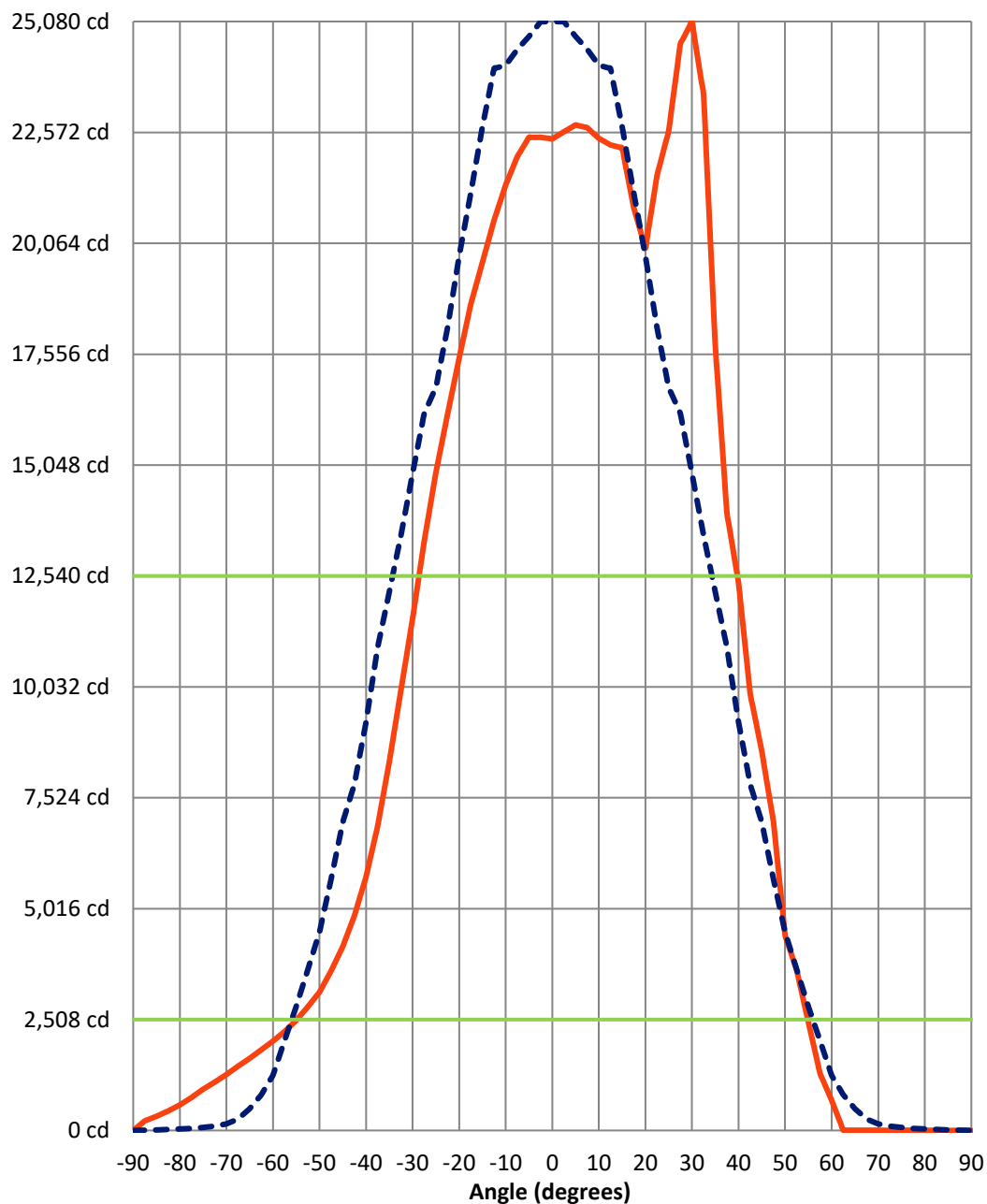


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22919.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33869.9

Efficiency: 94.3%

Spill:

Lumens: 2055.8

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	11.4	11.4	17.2
82.5°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	17.2	17.2	22.9
80°	5.7	5.7	5.7	5.7	11.4	11.4	11.4	17.2	17.2	22.9	22.9
77.5°	5.7	5.7	5.7	11.4	11.4	11.4	17.2	17.2	22.9	22.9	28.6
75°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	28.6
72.5°	0.0	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	22.9
70°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	22.9
67.5°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	22.9	22.9	22.9	28.6
65°	5.7	5.7	5.7	11.4	17.2	17.2	22.9	28.6	28.6	34.3	40.0
62.5°	5.7	11.4	11.4	17.2	22.9	28.6	62.9	97.2	97.2	68.6	57.2
60°	680.6	737.8	732.1	663.5	577.7	486.2	469.0	451.8	417.5	366.1	383.2
57.5°	1292.6	1361.3	1389.8	1372.7	1326.9	1246.9	1201.1	1149.6	1081.0	1000.9	909.4
55°	2448.0	2476.6	2413.6	2293.5	2162.0	2030.4	1984.7	1916.0	1813.1	1710.1	1572.9
52.5°	3620.5	3717.7	3689.1	3569.0	3391.7	3157.2	2899.8	2699.6	2579.5	2465.1	2327.9
50°	4421.2	4461.2	4541.3	4684.3	4735.8	4575.6	4158.1	3620.5	3237.3	3431.7	3283.0
47.5°	6977.8	7178.0	7138.0	7035.0	6863.4	6428.8	5845.4	5364.9	4964.6	4833.0	4855.9
45°	8573.6	8653.7	8625.1	8579.3	8499.2	8093.1	7446.8	6709.0	6337.2	6188.5	6034.1
42.5°	9883.4	9969.2	9986.3	9992.0	9906.2	9534.5	8951.1	8213.3	7841.5	7412.5	7075.1
40°	12382.8	12508.6	12365.6	12176.9	11890.9	11467.7	10895.7	10215.1	9557.3	9031.2	8630.8
37.5°	13978.6	14133.0	14190.2	14178.7	14115.8	13932.8	13229.3	12583.0	11576.3	10398.1	10609.7
35°	17764.9	17925.0	17879.3	17707.7	17616.2	17421.7	16735.4	15969.0	14704.9	13423.8	13080.6
32.5°	23410.1	23759.0	23106.9	22392.0	21951.6	22106.0	21408.2	19532.2	18948.8	16638.1	15568.6
30°	25080.2	25074.5	24742.7	24451.0	24090.7	24016.3	22700.8	21202.3	19772.4	18153.8	16804.0
27.5°	24571.1	24468.2	24187.9	23976.3	23638.9	23461.5	22174.6	20985.0	19332.0	17885.0	16580.9
25°	22609.3	22689.4	22403.4	22363.4	22231.8	21888.7	21248.1	19909.7	18434.1	16832.6	15894.6
22.5°	21597.0	21568.4	21225.2	21025.0	21185.2	20819.1	20561.7	19211.9	17673.4	16323.6	15196.8
20°	19949.7	19955.5	19869.7	19852.5	19755.3	19589.4	19383.5	18428.4	17341.6	16186.3	14830.8
17.5°	20870.6	21105.1	21208.0	20355.8	20596.1	20407.3	20190.0	18857.3	18039.4	17015.6	15248.3
15°	22220.4	22134.6	22031.7	21985.9	21854.4	21677.0	21282.4	20218.6	18811.6	17753.4	16375.0
12.5°	22289.0	22123.2	22083.1	22077.4	21940.1	21694.2	21311.0	20430.2	19183.3	17896.4	16775.4
10°	22437.7	22266.2	22243.3	22271.9	22060.3	21905.8	21522.6	20704.7	19297.7	18142.4	17084.3
7.5°	22678.0	22392.0	22523.5	22437.7	22340.5	22094.6	21682.8	20882.0	19715.2	18468.4	17358.8
5°	22740.9	22426.3	22569.3	22489.2	22346.2	22106.0	21659.9	20996.4	19972.6	18599.9	17467.5
2.5°	22586.5	22494.9	22432.0	22283.3	22220.4	21957.3	21534.1	20824.8	19852.5	18542.7	17444.6
0°	22426.3	22506.4	22363.4	22214.7	22186.1	21974.5	21614.1	20973.5	20132.8	18702.9	17639.1
-2.5°	22460.6	22397.7	22300.5	22146.1	21997.3	21694.2	21368.2	20767.6	19864.0	18354.0	17364.5
-5°	22460.6	22168.9	22180.4	22186.1	22037.4	21722.8	21328.2	20819.1	19703.8	18348.3	17284.4
-7.5°	22025.9	21774.3	21734.2	21699.9	21659.9	21368.2	21059.3	20424.5	19435.0	18199.6	17061.4
-10°	21385.4	21139.4	21162.3	21110.8	20985.0	20790.5	20556.0	19984.1	19171.9	17730.6	16609.5
-12.5°	20584.6	20475.9	20413.0	20327.2	20201.4	20029.8	19789.6	19252.0	18382.6	17152.9	16089.1
-15°	19635.2	19555.1	19497.9	19446.4	19263.4	19086.1	18771.5	18273.9	17730.6	16409.4	15322.6
-17.5°	18685.7	18485.5	18405.5	18336.8	18216.7	17930.8	17644.8	17273.0	16512.3	15465.6	14533.3
-20°	17467.5	17347.4	17250.1	17158.6	16987.0	16764.0	16529.5	16100.5	15442.8	14596.3	13629.7

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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°	16192.0	16123.4	16043.3	15928.9	15814.5	15602.9	15276.9	14865.1	14350.3	13435.2	12531.5
-25°	14876.5	14745.0	14647.7	14539.1	14447.6	14253.1	13938.5	13543.9	12897.6	12108.3	11353.3
-27.5°	13326.5	13200.7	13149.2	13023.4	12943.3	12766.0	12451.4	12085.4	11502.0	10838.5	10072.1
-30°	11576.3	11599.2	11542.0	11421.9	11324.7	11095.9	10855.7	10546.8	10089.3	9454.4	8768.1
-32.5°	9957.7	9986.3	9917.7	9791.8	9666.0	9500.2	9277.1	8996.8	8653.7	8047.4	7452.6
-35°	8339.1	8327.6	8270.5	8196.1	8110.3	7973.0	7721.4	7509.8	7115.1	6691.9	6280.1
-37.5°	6886.3	6914.9	6897.8	6857.7	6760.5	6646.1	6440.2	6245.7	5954.0	5582.3	5262.0
-40°	5736.7	5771.0	5748.1	5708.1	5622.3	5553.7	5416.4	5244.8	5010.3	4690.0	4421.2
-42.5°	4855.9	4878.8	4850.2	4815.9	4741.5	4690.0	4581.4	4438.4	4243.9	3998.0	3757.7
-45°	4158.1	4163.8	4135.2	4112.3	4055.2	3992.2	3900.7	3786.3	3631.9	3460.3	3265.9
-47.5°	3609.0	3603.3	3574.7	3551.8	3506.1	3448.9	3374.5	3271.6	3151.5	3019.9	2865.5
-50°	3128.6	3157.2	3145.7	3122.9	3088.6	3048.5	2974.2	2865.5	2745.4	2648.1	2539.5
-52.5°	2796.9	2802.6	2796.9	2796.9	2791.1	2762.5	2676.7	2568.1	2436.5	2350.7	2259.2
-55°	2488.0	2516.6	2528.0	2539.5	2545.2	2545.2	2442.2	2327.9	2202.0	2116.2	2047.6
-57.5°	2236.3	2253.5	2264.9	2293.5	2316.4	2333.6	2242.1	2139.1	2041.9	1961.8	1898.9
-60°	2019.0	2041.9	2059.0	2087.6	2104.8	2116.2	2059.0	1990.4	1933.2	1881.7	1790.2
-62.5°	1824.5	1841.7	1858.8	1876.0	1893.2	1904.6	1881.7	1847.4	1818.8	1795.9	1681.5
-65°	1630.1	1647.2	1664.4	1687.3	1704.4	1715.9	1710.1	1687.3	1664.4	1641.5	1538.6
-67.5°	1452.8	1469.9	1492.8	1498.5	1510.0	1515.7	1504.2	1487.1	1458.5	1429.9	1349.8
-70°	1264.0	1275.5	1286.9	1286.9	1286.9	1281.2	1269.7	1246.9	1218.3	1178.2	1115.3
-72.5°	1092.4	1103.9	1115.3	1098.2	1086.7	1069.6	1052.4	1023.8	995.2	966.6	932.3
-75°	932.3	938.0	938.0	915.1	898.0	880.8	857.9	840.8	812.2	789.3	760.7
-77.5°	743.5	743.5	743.5	726.4	714.9	703.5	686.3	669.2	646.3	629.1	606.3
-80°	577.7	577.7	577.7	572.0	554.8	543.4	531.9	520.5	503.3	491.9	480.4
-82.5°	440.4	440.4	440.4	434.7	423.2	417.5	406.1	394.6	388.9	377.5	371.8
-85°	320.3	326.0	326.0	320.3	314.6	303.1	297.4	291.7	286.0	280.3	268.8
-87.5°	217.3	217.3	217.3	211.6	205.9	205.9	200.2	188.7	177.3	171.6	165.9
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.2	17.2	17.2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	17.2
82.5°	28.6	28.6	34.3	34.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
80°	28.6	34.3	40.0	45.8	51.5	57.2	57.2	57.2	57.2	51.5	51.5
77.5°	34.3	34.3	40.0	45.8	51.5	57.2	62.9	68.6	62.9	62.9	62.9
75°	34.3	40.0	40.0	45.8	51.5	57.2	62.9	68.6	68.6	68.6	68.6
72.5°	28.6	34.3	40.0	45.8	45.8	51.5	57.2	57.2	62.9	62.9	68.6
70°	28.6	34.3	40.0	40.0	45.8	45.8	51.5	57.2	57.2	62.9	62.9
67.5°	34.3	40.0	40.0	45.8	51.5	51.5	51.5	57.2	57.2	62.9	62.9
65°	40.0	45.8	45.8	51.5	57.2	57.2	62.9	62.9	62.9	68.6	68.6
62.5°	68.6	68.6	68.6	62.9	68.6	68.6	68.6	74.4	74.4	68.6	74.4
60°	354.6	257.4	177.3	223.1	200.2	91.5	91.5	91.5	85.8	85.8	80.1
57.5°	835.1	777.9	669.2	566.2	509.0	451.8	280.3	114.4	114.4	103.0	91.5
55°	1395.6	1206.8	1126.7	989.5	840.8	772.1	640.6	434.7	205.9	137.3	120.1
52.5°	2162.0	1984.7	1778.8	1498.5	1298.3	1138.2	1029.5	817.9	549.1	291.7	183.0
50°	2894.1	2814.0	2688.2	2413.6	1996.1	1727.3	1550.0	1309.8	983.8	600.6	343.2
47.5°	4661.4	3992.2	3586.2	3374.5	3025.6	2516.6	2173.4	1904.6	1510.0	1012.4	606.3
45°	5868.2	5445.0	4798.7	4352.6	3837.8	3300.2	2854.0	2545.2	2076.2	1515.7	949.4
42.5°	6903.5	6537.4	5954.0	5302.0	4758.7	4055.2	3483.2	3077.1	2682.5	2070.5	1418.4
40°	8236.1	7801.5	7240.9	6606.1	5971.2	5073.2	4146.7	3654.8	3220.1	2676.7	1916.0
37.5°	10432.4	9666.0	8750.9	8047.4	7218.1	6457.4	5187.6	4318.3	3803.5	3237.3	2499.4
35°	13074.9	12234.1	10707.0	9774.7	8665.1	7532.6	6388.7	5101.8	4369.7	3769.2	3037.1
32.5°	15534.3	14304.6	12348.5	11256.1	10518.2	8430.6	7246.7	6131.3	4953.1	4215.3	3345.9
30°	16214.9	14859.4	13458.1	12182.6	10924.3	9237.1	7835.8	6966.4	5685.2	4484.1	3637.6
27.5°	15528.5	14596.3	13509.5	12325.6	10964.4	9517.3	8196.1	7366.8	6222.9	4667.1	3866.4
25°	14830.8	13858.4	13097.7	12108.3	10850.0	9500.2	8207.5	7618.4	6640.4	5021.8	3992.2
22.5°	14092.9	13486.7	12857.5	11753.7	10564.0	9551.6	8579.3	7835.8	6857.7	5422.1	4043.7
20°	14133.0	13738.3	13046.3	11570.6	10512.5	9854.8	9025.4	8110.3	7092.2	5771.0	4083.8
17.5°	14773.6	14258.8	13389.4	12108.3	10975.8	10163.6	9397.2	8487.8	7332.4	6079.9	4569.9
15°	15562.9	14779.3	13869.9	12743.1	11462.0	10501.1	9683.2	8750.9	7607.0	6365.8	5004.6
12.5°	16134.8	15019.5	14167.3	13149.2	11988.2	10867.1	9871.9	8951.1	7864.4	6600.3	5330.6
10°	16329.3	15316.9	14310.3	13400.9	12257.0	11061.6	10014.9	9076.9	8087.4	6783.4	5570.8
7.5°	16432.2	15574.3	14407.5	13515.3	12417.1	11181.7	10129.3	9145.5	8264.7	6909.2	5725.3
5°	16420.8	15711.6	14481.9	13549.6	12502.9	11233.2	10209.4	9162.7	8390.6	7017.9	5816.8
2.5°	16369.3	15803.1	14602.0	13606.8	12674.5	11330.4	10363.8	9197.0	8436.3	7138.0	5879.7
0°	16558.1	15808.8	14727.8	13623.9	12788.9	11364.7	10432.4	9168.4	8373.4	7172.3	5874.0
-2.5°	16152.0	15471.4	14699.2	13475.2	12634.5	11284.6	10306.6	9076.9	8236.1	7132.3	5851.1
-5°	16083.3	15225.4	14459.0	13338.0	12377.1	11118.8	10072.1	8905.3	8018.8	7000.7	5759.6
-7.5°	15900.3	14990.9	14224.5	13229.3	12136.9	10947.2	9849.0	8728.0	7784.3	6794.8	5628.0
-10°	15499.9	14630.6	13972.8	12994.8	11845.2	10701.3	9580.2	8493.5	7509.8	6514.6	5422.1
-12.5°	14928.0	14058.6	13406.6	12497.2	11479.1	10369.5	9259.9	8190.4	7195.2	6217.1	5176.2
-15°	14281.7	13400.9	12748.9	11919.5	10935.8	9854.8	8853.8	7807.2	6834.8	5902.6	4884.5
-17.5°	13549.6	12714.5	12085.4	11278.9	10300.9	9271.4	8276.2	7326.7	6417.3	5576.5	4547.0
-20°	12703.1	11890.9	11313.2	10506.8	9608.8	8607.9	7641.3	6743.3	5925.4	5136.1	4175.3

REPORT NUMBER: P722698

CATALOG NUMBER: IFLD-S-SA6E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11656.4	10941.5	10283.7	9563.1	8779.5	7864.4	6966.4	6171.4	5387.8	4615.7	3792.1
-25°	10586.9	9894.8	9254.2	8596.5	7847.2	7057.9	6291.5	5570.8	4804.4	4106.6	3420.3
-27.5°	9397.2	8779.5	8207.5	7601.3	6914.9	6234.3	5605.1	4901.6	4238.2	3643.3	3054.2
-30°	8127.5	7624.1	7126.5	6588.9	6034.1	5462.2	4901.6	4238.2	3717.7	3243.0	2745.4
-32.5°	6909.2	6457.4	6057.0	5656.6	5176.2	4707.2	4209.6	3717.7	3283.0	2865.5	2448.0
-35°	5839.6	5359.2	5136.1	4815.9	4432.6	4009.4	3603.3	3260.1	2911.2	2533.8	2162.0
-37.5°	4913.1	4604.2	4341.1	4100.9	3797.8	3431.7	3140.0	2859.8	2568.1	2224.9	1904.6
-40°	4186.7	3963.6	3700.5	3523.2	3277.3	3014.2	2722.5	2488.0	2242.1	1961.8	1698.7
-42.5°	3603.3	3420.3	3248.7	3060.0	2876.9	2653.9	2402.2	2179.1	1956.1	1750.2	1532.8
-45°	3122.9	2991.3	2854.0	2699.6	2539.5	2345.0	2139.1	1910.3	1750.2	1567.2	1384.1
-47.5°	2728.2	2631.0	2516.6	2396.5	2259.2	2087.6	1898.9	1733.0	1567.2	1412.7	1235.4
-50°	2413.6	2322.1	2230.6	2127.7	2007.6	1858.8	1715.9	1561.4	1407.0	1258.3	1092.4
-52.5°	2150.5	2070.5	1996.1	1910.3	1795.9	1670.1	1538.6	1401.3	1258.3	1109.6	978.0
-55°	1967.5	1876.0	1801.7	1715.9	1612.9	1492.8	1372.7	1246.9	1109.6	995.2	886.5
-57.5°	1818.8	1715.9	1630.1	1538.6	1435.6	1332.7	1224.0	1109.6	1006.6	898.0	795.0
-60°	1693.0	1572.9	1475.6	1384.1	1286.9	1189.7	1098.2	1000.9	903.7	806.5	703.5
-62.5°	1561.4	1435.6	1315.5	1229.7	1155.3	1069.6	989.5	898.0	812.2	714.9	640.6
-65°	1412.7	1292.6	1178.2	1103.9	1035.2	960.9	886.5	806.5	732.1	657.7	589.1
-67.5°	1246.9	1143.9	1063.8	995.2	926.6	863.7	795.0	726.4	663.5	589.1	520.5
-70°	1046.7	989.5	943.7	892.2	829.3	772.1	709.2	646.3	577.7	514.8	451.8
-72.5°	892.2	857.9	823.6	772.1	714.9	663.5	612.0	554.8	497.6	440.4	388.9
-75°	732.1	703.5	674.9	640.6	594.8	554.8	509.0	457.6	411.8	371.8	331.7
-77.5°	589.1	566.2	549.1	520.5	486.2	451.8	423.2	388.9	354.6	314.6	274.5
-80°	469.0	457.6	451.8	440.4	411.8	383.2	360.3	331.7	297.4	268.8	240.2
-82.5°	366.1	366.1	360.3	354.6	331.7	308.9	291.7	268.8	245.9	223.1	194.5
-85°	268.8	263.1	263.1	257.4	240.2	228.8	211.6	200.2	183.0	160.1	148.7
-87.5°	160.1	154.4	148.7	143.0	131.5	125.8	114.4	108.7	97.2	85.8	80.1
-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: P722698

CATALOG NUMBER: IFLD-S-SA6E-935-U-76-VI

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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.2	11.4	11.4	11.4	11.4	11.4	5.7	5.7	5.7	5.7	5.7
82.5°	34.3	34.3	28.6	28.6	22.9	17.2	11.4	11.4	11.4	5.7	5.7
80°	51.5	51.5	51.5	45.8	40.0	28.6	22.9	17.2	11.4	5.7	5.7
77.5°	62.9	57.2	57.2	51.5	51.5	45.8	34.3	28.6	17.2	11.4	5.7
75°	62.9	62.9	62.9	57.2	57.2	51.5	45.8	34.3	28.6	17.2	11.4
72.5°	68.6	62.9	62.9	62.9	57.2	51.5	45.8	40.0	34.3	22.9	11.4
70°	62.9	62.9	62.9	62.9	57.2	57.2	45.8	40.0	40.0	22.9	17.2
67.5°	62.9	62.9	62.9	57.2	57.2	51.5	45.8	40.0	40.0	28.6	17.2
65°	68.6	62.9	62.9	62.9	57.2	51.5	45.8	40.0	40.0	34.3	22.9
62.5°	74.4	68.6	68.6	62.9	57.2	51.5	45.8	40.0	40.0	34.3	22.9
60°	80.1	74.4	68.6	68.6	62.9	57.2	45.8	45.8	40.0	34.3	22.9
57.5°	85.8	80.1	80.1	74.4	68.6	62.9	51.5	45.8	40.0	34.3	28.6
55°	103.0	91.5	85.8	85.8	80.1	68.6	57.2	45.8	40.0	34.3	28.6
52.5°	137.3	108.7	97.2	97.2	91.5	80.1	62.9	51.5	40.0	34.3	28.6
50°	217.3	137.3	114.4	103.0	103.0	91.5	74.4	57.2	40.0	34.3	28.6
47.5°	343.2	228.8	137.3	120.1	114.4	108.7	85.8	57.2	45.8	34.3	28.6
45°	566.2	337.5	223.1	143.0	120.1	114.4	97.2	62.9	45.8	40.0	28.6
42.5°	777.9	526.2	343.2	171.6	143.0	125.8	103.0	68.6	51.5	40.0	28.6
40°	1224.0	720.7	480.4	280.3	165.9	131.5	114.4	80.1	51.5	40.0	28.6
37.5°	1658.7	955.2	646.3	411.8	188.7	148.7	120.1	85.8	57.2	40.0	34.3
35°	2093.4	1338.4	800.7	549.1	251.7	177.3	125.8	91.5	57.2	40.0	34.3
32.5°	2482.3	1698.7	960.9	686.3	377.5	211.6	137.3	97.2	62.9	45.8	34.3
30°	2802.6	2030.4	1246.9	806.5	491.9	257.4	148.7	97.2	68.6	45.8	34.3
27.5°	3042.8	2287.8	1538.6	932.3	589.1	303.1	171.6	108.7	68.6	45.8	34.3
25°	3237.3	2488.0	1795.9	1063.8	674.9	377.5	205.9	114.4	74.4	51.5	34.3
22.5°	3391.7	2653.9	2007.6	1241.1	777.9	451.8	251.7	125.8	74.4	51.5	34.3
20°	3603.3	2819.7	2150.5	1429.9	886.5	520.5	291.7	137.3	74.4	51.5	40.0
17.5°	3786.3	2985.6	2264.9	1590.0	995.2	572.0	337.5	148.7	80.1	51.5	40.0
15°	3998.0	3145.7	2367.9	1715.9	1098.2	617.7	377.5	160.1	80.1	57.2	40.0
12.5°	4226.7	3294.5	2442.2	1818.8	1206.8	657.7	411.8	183.0	85.8	57.2	40.0
10°	4461.2	3420.3	2505.2	1893.2	1286.9	697.8	434.7	205.9	91.5	57.2	40.0
7.5°	4695.7	3534.7	2585.2	1927.5	1321.2	743.5	446.1	228.8	91.5	62.9	40.0
5°	4855.9	3609.0	2699.6	1950.4	1338.4	795.0	463.3	257.4	97.2	62.9	40.0
2.5°	4993.2	3654.8	2819.7	1967.5	1344.1	823.6	457.6	274.5	103.0	62.9	40.0
0°	5056.1	3654.8	2899.8	1956.1	1326.9	852.2	457.6	291.7	103.0	62.9	40.0
-2.5°	4958.8	3757.7	2876.9	1961.8	1332.7	852.2	480.4	297.4	114.4	68.6	40.0
-5°	4804.4	3797.8	2808.3	1933.2	1321.2	852.2	509.0	303.1	120.1	68.6	45.8
-7.5°	4655.7	3814.9	2728.2	1904.6	1304.1	829.3	514.8	297.4	131.5	74.4	45.8
-10°	4461.2	3626.2	2625.3	1853.1	1269.7	812.2	526.2	297.4	137.3	74.4	45.8
-12.5°	4238.2	3397.4	2499.4	1778.8	1229.7	795.0	531.9	297.4	143.0	80.1	45.8
-15°	3980.8	3162.9	2356.4	1698.7	1172.5	772.1	520.5	291.7	148.7	80.1	51.5
-17.5°	3689.1	2934.1	2207.7	1601.5	1109.6	743.5	497.6	286.0	148.7	80.1	51.5
-20°	3357.4	2705.3	2041.9	1504.2	1035.2	709.2	474.7	274.5	148.7	80.1	51.5

REPORT NUMBER: P722698

CATALOG NUMBER: IFLD-S-SA6E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3060.0	2493.7	1870.3	1395.6	955.2	669.2	446.1	263.1	148.7	85.8	51.5
-25°	2814.0	2287.8	1738.7	1286.9	869.4	623.4	417.5	251.7	148.7	85.8	51.5
-27.5°	2556.6	2064.8	1601.5	1183.9	812.2	583.4	388.9	240.2	143.0	85.8	51.5
-30°	2293.5	1847.4	1458.5	1069.6	755.0	543.4	366.1	223.1	143.0	85.8	51.5
-32.5°	2053.3	1670.1	1326.9	955.2	692.1	503.3	343.2	217.3	137.3	85.8	51.5
-35°	1818.8	1510.0	1189.7	863.7	623.4	463.3	320.3	211.6	137.3	85.8	51.5
-37.5°	1624.3	1361.3	1063.8	800.7	583.4	429.0	297.4	200.2	131.5	85.8	51.5
-40°	1464.2	1224.0	943.7	732.1	549.1	394.6	274.5	194.5	131.5	85.8	51.5
-42.5°	1315.5	1092.4	869.4	674.9	514.8	371.8	257.4	188.7	125.8	85.8	51.5
-45°	1183.9	978.0	795.0	623.4	474.7	343.2	245.9	177.3	120.1	85.8	57.2
-47.5°	1052.4	898.0	726.4	577.7	434.7	308.9	234.5	171.6	114.4	80.1	57.2
-50°	949.4	812.2	669.2	526.2	394.6	297.4	223.1	160.1	114.4	80.1	57.2
-52.5°	857.9	732.1	606.3	474.7	360.3	280.3	211.6	148.7	108.7	80.1	57.2
-55°	772.1	657.7	543.4	423.2	337.5	263.1	194.5	137.3	108.7	80.1	57.2
-57.5°	686.3	589.1	480.4	383.2	308.9	245.9	183.0	137.3	108.7	80.1	57.2
-60°	617.7	526.2	434.7	354.6	286.0	223.1	165.9	131.5	103.0	80.1	57.2
-62.5°	560.5	474.7	394.6	320.3	263.1	200.2	160.1	131.5	103.0	80.1	51.5
-65°	503.3	429.0	354.6	291.7	234.5	188.7	154.4	125.8	103.0	80.1	51.5
-67.5°	446.1	377.5	320.3	257.4	217.3	183.0	148.7	125.8	97.2	74.4	51.5
-70°	388.9	331.7	280.3	240.2	205.9	171.6	143.0	120.1	97.2	68.6	45.8
-72.5°	343.2	291.7	251.7	223.1	194.5	165.9	137.3	114.4	91.5	62.9	40.0
-75°	291.7	257.4	228.8	200.2	177.3	154.4	131.5	103.0	80.1	57.2	40.0
-77.5°	245.9	223.1	200.2	183.0	160.1	137.3	114.4	91.5	74.4	51.5	34.3
-80°	211.6	194.5	177.3	160.1	143.0	120.1	103.0	80.1	62.9	45.8	28.6
-82.5°	171.6	160.1	143.0	131.5	120.1	103.0	85.8	68.6	45.8	34.3	22.9
-85°	131.5	120.1	114.4	103.0	91.5	74.4	57.2	45.8	34.3	22.9	11.4
-87.5°	68.6	62.9	57.2	51.5	45.8	34.3	28.6	22.9	17.2	11.4	5.7
-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: P722698

CATALOG NUMBER: IFLD-S-SA6E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.4	5.7	0.0	0.0
65°	11.4	5.7	0.0	0.0
62.5°	11.4	5.7	0.0	0.0
60°	11.4	5.7	0.0	0.0
57.5°	17.2	5.7	5.7	0.0
55°	17.2	5.7	5.7	0.0
52.5°	17.2	5.7	5.7	0.0
50°	17.2	11.4	5.7	0.0
47.5°	17.2	11.4	5.7	0.0
45°	17.2	11.4	5.7	0.0
42.5°	17.2	11.4	5.7	0.0
40°	22.9	11.4	5.7	0.0
37.5°	22.9	11.4	5.7	0.0
35°	22.9	11.4	5.7	0.0
32.5°	22.9	11.4	5.7	0.0
30°	22.9	11.4	5.7	0.0
27.5°	22.9	17.2	5.7	0.0
25°	22.9	17.2	5.7	0.0
22.5°	28.6	17.2	5.7	0.0
20°	28.6	17.2	5.7	0.0
17.5°	28.6	17.2	5.7	0.0
15°	28.6	17.2	5.7	0.0
12.5°	28.6	17.2	5.7	0.0
10°	28.6	17.2	5.7	0.0
7.5°	28.6	17.2	5.7	0.0
5°	28.6	17.2	5.7	0.0
2.5°	28.6	17.2	5.7	0.0
0°	28.6	17.2	5.7	0.0
-2.5°	28.6	17.2	5.7	0.0
-5°	28.6	17.2	5.7	0.0
-7.5°	28.6	17.2	5.7	0.0
-10°	28.6	17.2	5.7	0.0
-12.5°	34.3	17.2	5.7	0.0
-15°	34.3	17.2	5.7	0.0
-17.5°	34.3	17.2	5.7	0.0
-20°	34.3	17.2	5.7	0.0

REPORT NUMBER: P722698

CATALOG NUMBER: IFLD-S-SA6E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.3	17.2	5.7	0.0
-25°	34.3	17.2	5.7	0.0
-27.5°	34.3	17.2	5.7	0.0
-30°	34.3	17.2	5.7	0.0
-32.5°	34.3	17.2	5.7	0.0
-35°	34.3	17.2	5.7	0.0
-37.5°	34.3	17.2	5.7	0.0
-40°	34.3	17.2	5.7	0.0
-42.5°	28.6	17.2	5.7	0.0
-45°	34.3	17.2	5.7	0.0
-47.5°	34.3	17.2	5.7	0.0
-50°	34.3	17.2	5.7	0.0
-52.5°	34.3	17.2	5.7	0.0
-55°	34.3	17.2	5.7	0.0
-57.5°	34.3	17.2	5.7	0.0
-60°	34.3	17.2	5.7	0.0
-62.5°	28.6	17.2	5.7	0.0
-65°	28.6	11.4	5.7	0.0
-67.5°	28.6	11.4	5.7	0.0
-70°	28.6	11.4	5.7	0.0
-72.5°	22.9	11.4	5.7	0.0
-75°	22.9	11.4	5.7	0.0
-77.5°	17.2	5.7	0.0	0.0
-80°	17.2	5.7	0.0	0.0
-82.5°	11.4	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)