

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: P722756

Luminaire Tested: **IFLD-S-SA6E-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722756
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	39096.3 lumens	Max Intensity:	27293.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.2 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:	24941.7 lumens	Field Lumens:	36859.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

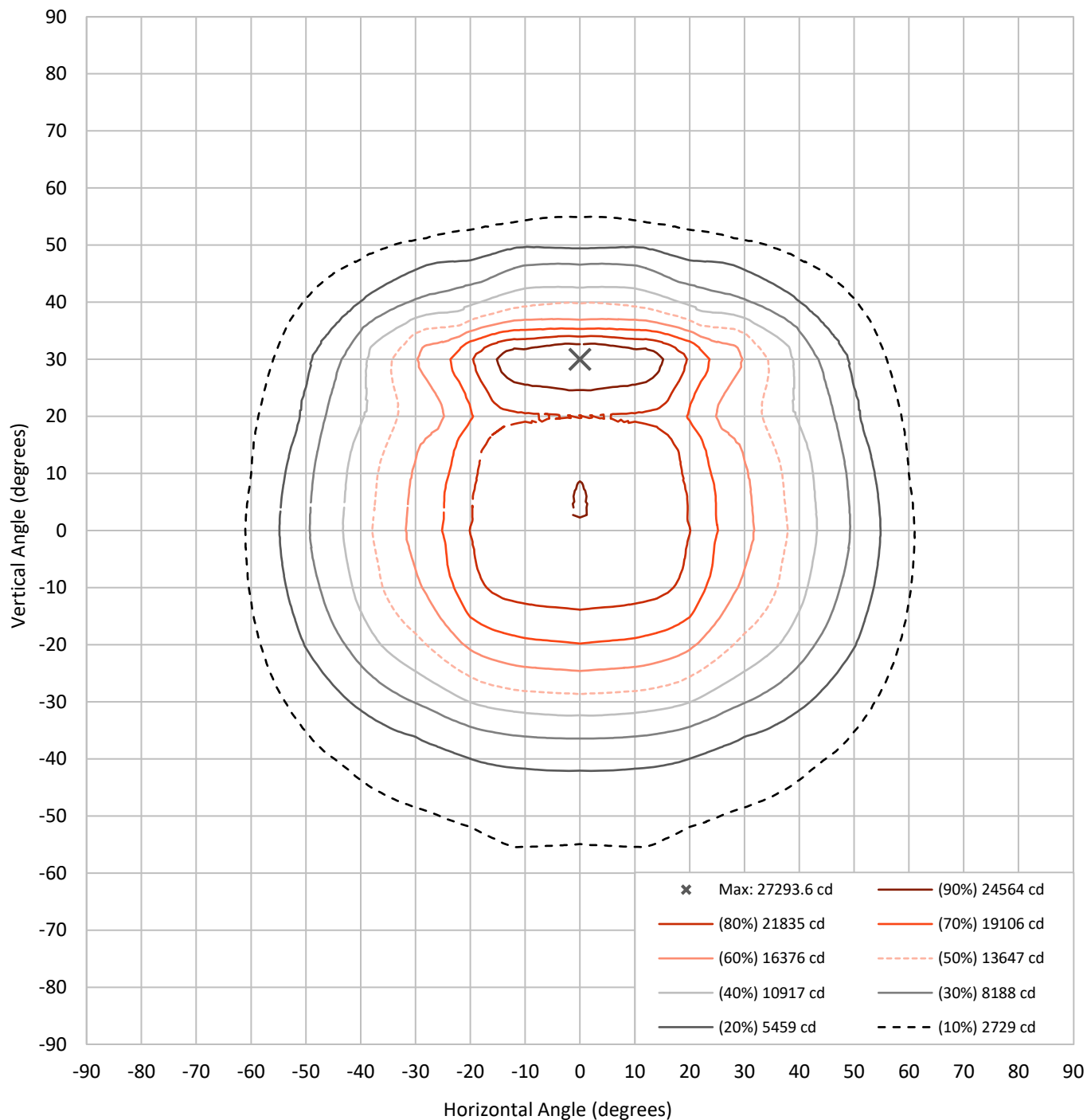
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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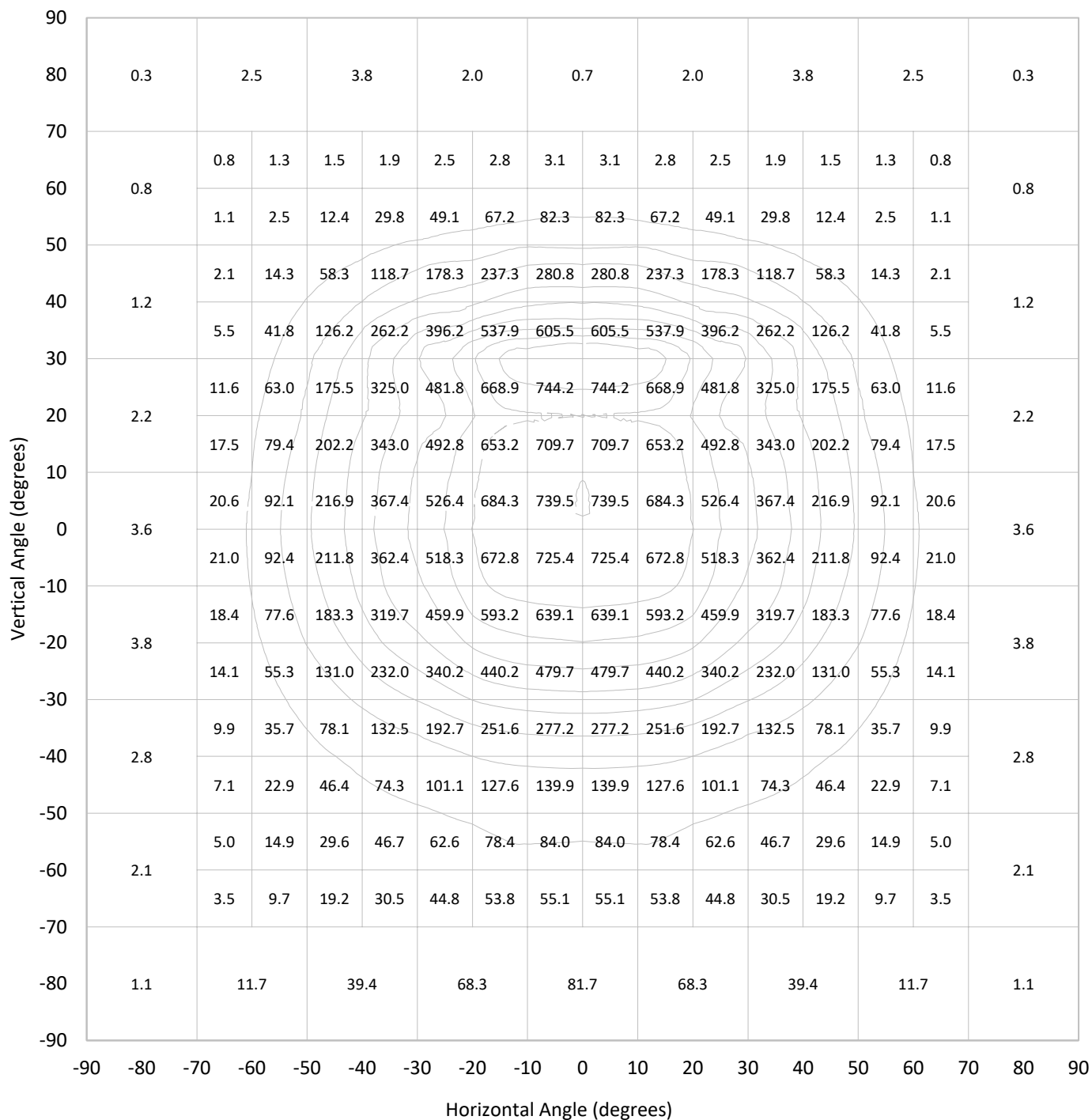
Iso-Candela Plot



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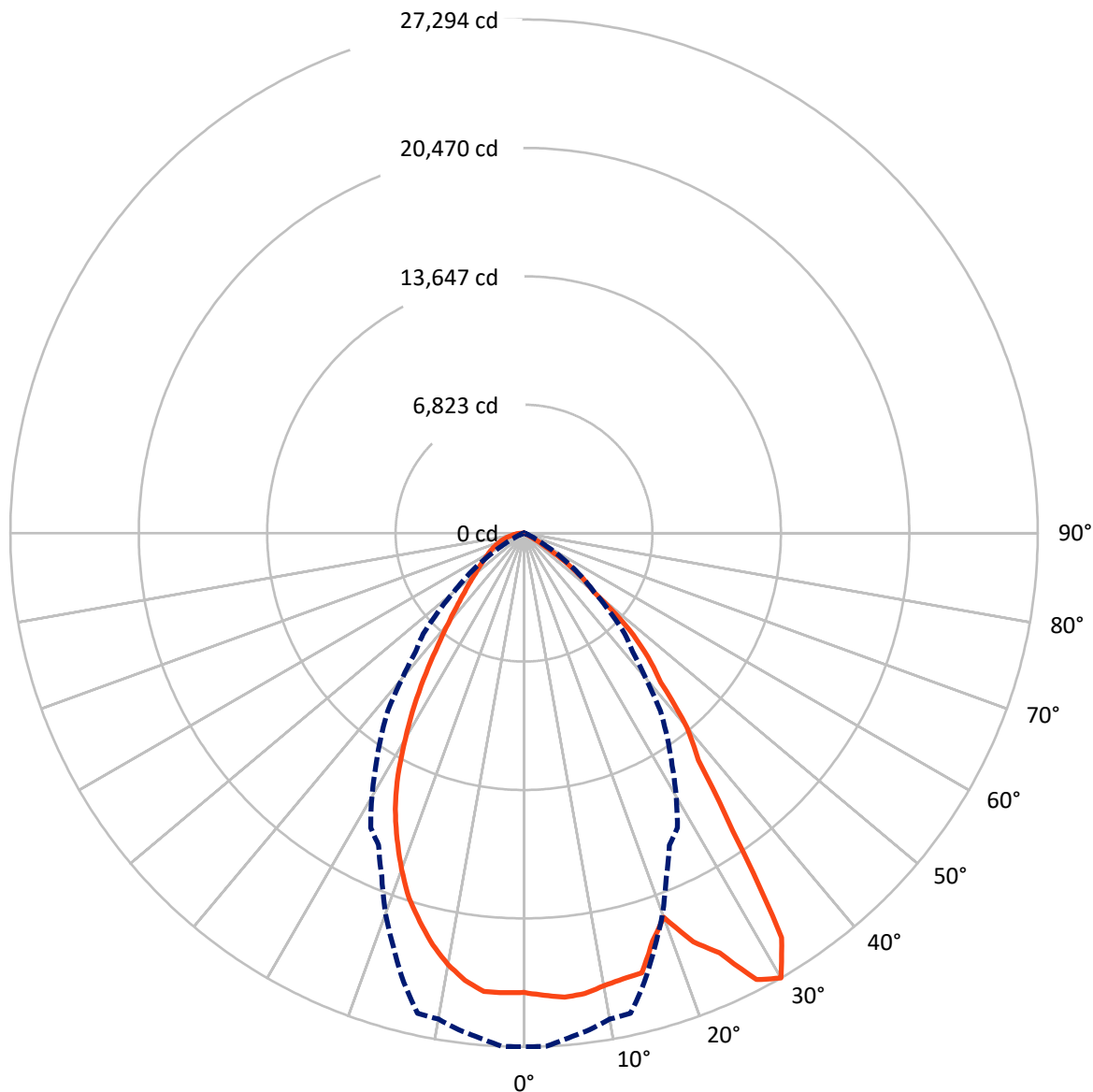
Lumen Table



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Luminous Intensity Polar Plot



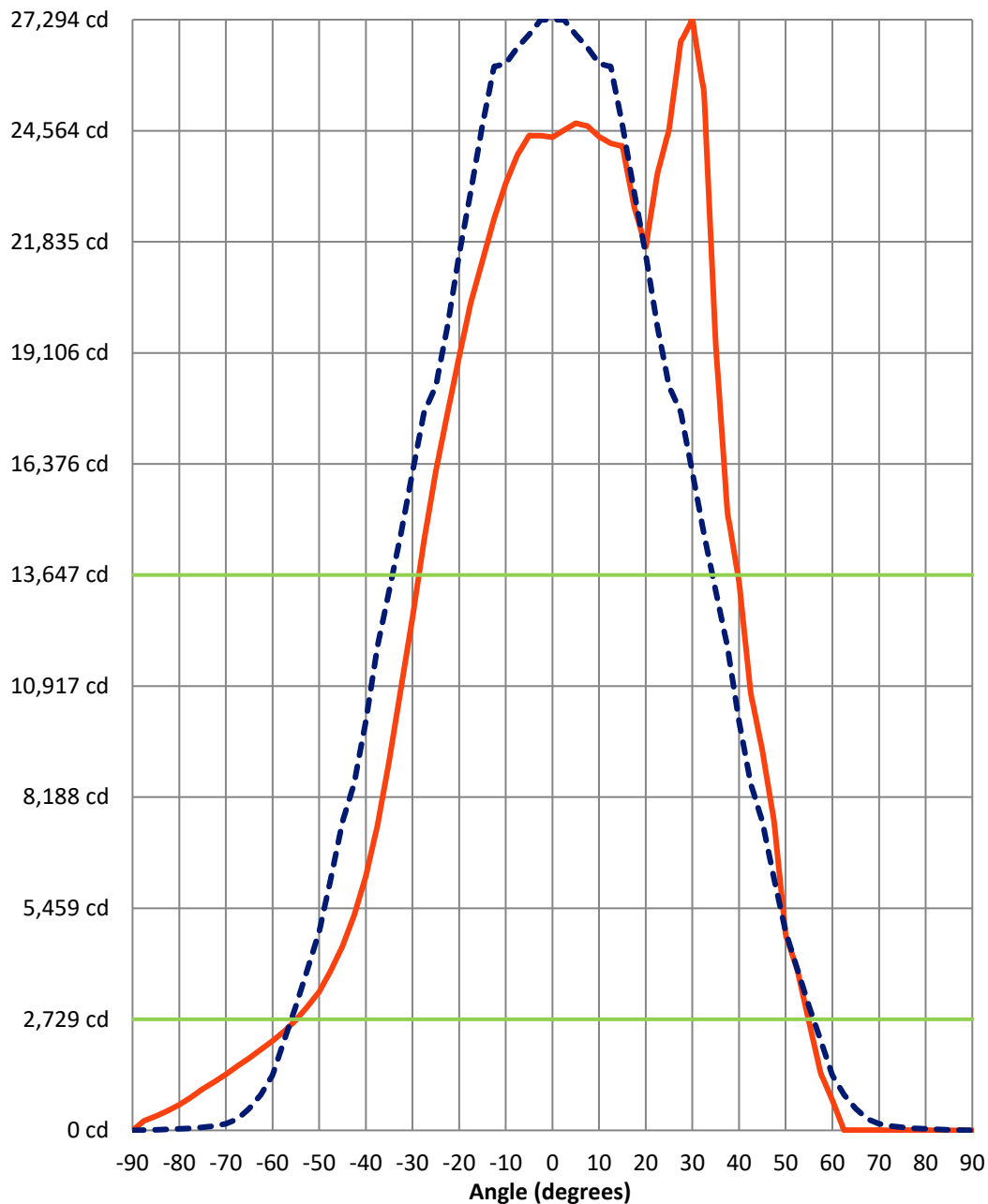
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 24941.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 36859.1

Efficiency: 94.3%

Spill:

Lumens: 2237.2

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	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	12.4	12.4	18.7
82.5°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.7	18.7	24.9
80°	6.2	6.2	6.2	6.2	12.4	12.4	12.4	18.7	18.7	24.9	24.9
77.5°	6.2	6.2	6.2	12.4	12.4	12.4	18.7	18.7	24.9	24.9	31.1
75°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	31.1
72.5°	0.0	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	24.9
70°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	24.9
67.5°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	24.9	24.9	24.9	31.1
65°	6.2	6.2	6.2	12.4	18.7	18.7	24.9	31.1	31.1	37.3	43.6
62.5°	6.2	12.4	12.4	18.7	24.9	31.1	68.5	105.8	105.8	74.7	62.2
60°	740.7	802.9	796.7	722.0	628.7	529.1	510.4	491.7	454.4	398.4	417.0
57.5°	1406.7	1481.4	1512.5	1493.8	1444.0	1356.9	1307.1	1251.1	1176.4	1089.3	989.7
55°	2664.0	2695.1	2626.7	2495.9	2352.8	2209.6	2159.8	2085.1	1973.1	1861.1	1711.7
52.5°	3940.0	4045.8	4014.7	3884.0	3691.0	3435.8	3155.7	2937.9	2807.2	2682.7	2533.3
50°	4811.4	4855.0	4942.1	5097.7	5153.7	4979.4	4525.1	3940.0	3523.0	3734.6	3572.8
47.5°	7593.7	7811.5	7767.9	7655.9	7469.2	6996.1	6361.2	5838.4	5402.7	5259.5	5284.4
45°	9330.2	9417.4	9386.3	9336.5	9249.3	8807.4	8104.0	7301.1	6896.5	6734.7	6566.6
42.5°	10755.6	10849.0	10867.6	10873.9	10780.5	10375.9	9741.0	8938.1	8533.5	8066.7	7699.5
40°	13475.6	13612.6	13456.9	13251.5	12940.3	12479.7	11857.3	11116.6	10400.8	9828.2	9392.5
37.5°	15212.2	15380.3	15442.5	15430.1	15361.6	15162.4	14396.8	13693.5	12598.0	11315.8	11546.1
35°	19332.7	19507.0	19457.2	19270.4	19170.9	18959.2	18212.3	17378.3	16002.7	14608.4	14235.0
32.5°	25476.1	25855.8	25146.2	24368.2	23888.9	24056.9	23297.6	21256.0	20621.1	18106.5	16942.6
30°	27293.6	27287.4	26926.3	26608.9	26216.8	26135.9	24704.3	23073.5	21517.4	19755.9	18287.0
27.5°	26739.6	26627.6	26322.6	26092.3	25725.1	25532.1	24131.6	22837.0	21038.1	19463.4	18044.3
25°	24604.7	24691.8	24380.6	24337.0	24193.9	23820.4	23123.3	21666.8	20060.9	18318.1	17297.3
22.5°	23503.0	23471.9	23098.4	22880.5	23054.8	22656.5	22376.4	20907.4	19233.1	17764.2	16538.0
20°	21710.4	21716.6	21623.2	21604.6	21498.7	21318.2	21094.2	20054.7	18872.1	17614.8	16139.6
17.5°	22712.5	22967.7	23079.7	22152.3	22413.7	22208.3	21971.8	20521.5	19631.5	18517.3	16594.0
15°	24181.4	24088.1	23976.0	23926.2	23783.1	23590.1	23160.6	22002.9	20471.7	19320.2	17820.2
12.5°	24256.1	24075.6	24032.0	24025.8	23876.4	23608.8	23191.8	22233.2	20876.3	19475.8	18255.9
10°	24417.9	24231.2	24206.3	24237.4	24007.1	23839.1	23422.1	22532.0	21000.8	19743.5	18592.0
7.5°	24679.4	24368.2	24511.3	24417.9	24312.1	24044.5	23596.3	22724.9	21455.2	20098.3	18890.8
5°	24747.8	24405.5	24561.1	24474.0	24318.4	24056.9	23571.4	22849.4	21735.3	20241.4	19009.0
2.5°	24579.8	24480.2	24411.7	24249.9	24181.4	23895.1	23434.5	22662.7	21604.6	20179.2	18984.1
0°	24405.5	24492.6	24337.0	24175.2	24144.1	23913.8	23521.6	22824.5	21909.6	20353.5	19195.8
-2.5°	24442.8	24374.4	24268.6	24100.5	23938.7	23608.8	23254.0	22600.5	21617.0	19973.8	18897.0
-5°	24442.8	24125.4	24137.9	24144.1	23982.2	23639.9	23210.4	22656.5	21442.7	19967.6	18809.8
-7.5°	23969.8	23695.9	23652.4	23615.0	23571.4	23254.0	22917.9	22227.0	21150.2	19805.7	18567.1
-10°	23272.7	23005.0	23029.9	22973.9	22837.0	22625.3	22370.2	21747.7	20863.9	19295.3	18075.4
-12.5°	22401.3	22283.0	22214.5	22121.2	21984.2	21797.5	21536.1	20951.0	20004.9	18666.7	17509.0
-15°	21368.0	21280.9	21218.7	21162.6	20963.5	20770.5	20428.2	19886.7	19295.3	17857.5	16674.9
-17.5°	20334.8	20117.0	20029.8	19955.1	19824.4	19513.2	19202.0	18797.4	17969.6	16830.5	15816.0
-20°	19009.0	18878.3	18772.5	18672.9	18486.2	18243.4	17988.2	17521.4	16805.6	15884.4	14832.5

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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°	17621.0	17546.3	17459.2	17334.7	17210.2	16979.9	16625.1	16177.0	15616.8	14620.9	13637.5
-25°	16189.4	16046.3	15940.4	15822.2	15722.6	15511.0	15168.6	14739.2	14035.8	13176.9	12355.2
-27.5°	14502.6	14365.7	14309.7	14172.7	14085.6	13892.6	13550.3	13152.0	12517.1	11795.1	10961.0
-30°	12598.0	12622.9	12560.6	12429.9	12324.1	12075.2	11813.7	11477.6	10979.7	10288.8	9541.9
-32.5°	10836.5	10867.6	10792.9	10656.0	10519.1	10338.6	10095.8	9790.8	9417.4	8757.6	8110.3
-35°	9075.0	9062.6	9000.3	8919.4	8826.1	8676.7	8402.8	8172.5	7743.0	7282.4	6834.3
-37.5°	7494.1	7525.2	7506.5	7462.9	7357.1	7232.6	7008.6	6796.9	6479.5	6074.9	5726.4
-40°	6243.0	6280.3	6255.4	6211.9	6118.5	6043.8	5894.4	5707.7	5452.5	5103.9	4811.4
-42.5°	5284.4	5309.3	5278.2	5240.9	5159.9	5103.9	4985.7	4830.1	4618.4	4350.8	4089.4
-45°	4525.1	4531.3	4500.2	4475.3	4413.0	4344.6	4245.0	4120.5	3952.4	3765.7	3554.1
-47.5°	3927.5	3921.3	3890.2	3865.3	3815.5	3753.3	3672.3	3560.3	3429.6	3286.4	3118.4
-50°	3404.7	3435.8	3423.4	3398.5	3361.1	3317.6	3236.6	3118.4	2987.7	2881.9	2763.6
-52.5°	3043.7	3049.9	3043.7	3043.7	3037.5	3006.3	2913.0	2794.7	2651.6	2558.2	2458.6
-55°	2707.6	2738.7	2751.1	2763.6	2769.8	2769.8	2657.8	2533.3	2396.4	2303.0	2228.3
-57.5°	2433.7	2452.4	2464.8	2495.9	2520.8	2539.5	2439.9	2327.9	2222.1	2134.9	2066.5
-60°	2197.2	2222.1	2240.7	2271.9	2290.5	2303.0	2240.7	2166.1	2103.8	2047.8	1948.2
-62.5°	1985.6	2004.2	2022.9	2041.6	2060.2	2072.7	2047.8	2010.5	1979.3	1954.4	1829.9
-65°	1773.9	1792.6	1811.3	1836.2	1854.8	1867.3	1861.1	1836.2	1811.3	1786.4	1674.3
-67.5°	1581.0	1599.6	1624.5	1630.8	1643.2	1649.4	1637.0	1618.3	1587.2	1556.1	1468.9
-70°	1375.6	1388.0	1400.5	1400.5	1400.5	1394.2	1381.8	1356.9	1325.8	1282.2	1213.7
-72.5°	1188.8	1201.3	1213.7	1195.1	1182.6	1163.9	1145.3	1114.2	1083.0	1051.9	1014.6
-75°	1014.6	1020.8	1020.8	995.9	977.2	958.5	933.6	915.0	883.9	859.0	827.8
-77.5°	809.2	809.2	809.2	790.5	778.0	765.6	746.9	728.2	703.3	684.7	659.8
-80°	628.7	628.7	628.7	622.4	603.8	591.3	578.9	566.4	547.7	535.3	522.8
-82.5°	479.3	479.3	479.3	473.0	460.6	454.4	441.9	429.5	423.3	410.8	404.6
-85°	348.6	354.8	354.8	348.6	342.3	329.9	323.7	317.4	311.2	305.0	292.5
-87.5°	236.5	236.5	236.5	230.3	224.1	224.1	217.9	205.4	193.0	186.7	180.5
-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	18.7	18.7	18.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	18.7
82.5°	31.1	31.1	37.3	37.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6
80°	31.1	37.3	43.6	49.8	56.0	62.2	62.2	62.2	62.2	56.0	56.0
77.5°	37.3	37.3	43.6	49.8	56.0	62.2	68.5	74.7	68.5	68.5	68.5
75°	37.3	43.6	43.6	49.8	56.0	62.2	68.5	74.7	74.7	74.7	74.7
72.5°	31.1	37.3	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5	74.7
70°	31.1	37.3	43.6	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5
67.5°	37.3	43.6	43.6	49.8	56.0	56.0	56.0	62.2	62.2	68.5	68.5
65°	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5	68.5	74.7	74.7
62.5°	74.7	74.7	74.7	68.5	74.7	74.7	74.7	80.9	80.9	74.7	80.9
60°	385.9	280.1	193.0	242.7	217.9	99.6	99.6	99.6	93.4	93.4	87.1
57.5°	908.7	846.5	728.2	616.2	554.0	491.7	305.0	124.5	124.5	112.0	99.6
55°	1518.7	1313.3	1226.2	1076.8	915.0	840.3	697.1	473.0	224.1	149.4	130.7
52.5°	2352.8	2159.8	1935.8	1630.8	1412.9	1238.6	1120.4	890.1	597.5	317.4	199.2
50°	3149.5	3062.4	2925.4	2626.7	2172.3	1879.7	1686.8	1425.4	1070.6	653.6	373.5
47.5°	5072.8	4344.6	3902.6	3672.3	3292.7	2738.7	2365.2	2072.7	1643.2	1101.7	659.8
45°	6386.1	5925.5	5222.2	4736.7	4176.5	3591.4	3105.9	2769.8	2259.4	1649.4	1033.2
42.5°	7512.7	7114.4	6479.5	5769.9	5178.6	4413.0	3790.6	3348.7	2919.2	2253.2	1543.6
40°	8963.0	8490.0	7880.0	7189.1	6498.2	5521.0	4512.6	3977.3	3504.3	2913.0	2085.1
37.5°	11353.1	10519.1	9523.2	8757.6	7855.1	7027.2	5645.4	4699.4	4139.2	3523.0	2720.0
35°	14228.8	13313.8	11651.9	10637.3	9429.8	8197.4	6952.5	5552.1	4755.4	4101.8	3305.1
32.5°	16905.2	15567.0	13438.3	12249.4	11446.5	9174.6	7886.2	6672.5	5390.2	4587.3	3641.2
30°	17645.9	16170.7	14645.8	13257.8	11888.4	10052.3	8527.3	7581.2	6187.0	4879.9	3958.7
27.5°	16899.0	15884.4	14701.8	13413.4	11932.0	10357.2	8919.4	8016.9	6772.0	5079.0	4207.6
25°	16139.6	15081.5	14253.7	13176.9	11807.5	10338.6	8931.9	8290.8	7226.4	5464.9	4344.6
22.5°	15336.7	14676.9	13992.2	12790.9	11496.3	10394.6	9336.5	8527.3	7462.9	5900.6	4400.6
20°	15380.3	14950.8	14197.6	12591.8	11440.3	10724.5	9822.0	8826.1	7718.1	6280.3	4444.2
17.5°	16077.4	15517.2	14571.1	13176.9	11944.4	11060.6	10226.5	9236.9	7979.6	6616.4	4973.2
15°	16936.3	16083.6	15093.9	13867.8	12473.5	11427.8	10537.7	9523.2	8278.3	6927.7	5446.3
12.5°	17558.8	16345.0	15417.6	14309.7	13046.1	11826.2	10743.1	9741.0	8558.4	7182.8	5801.1
10°	17770.4	16668.7	15573.2	14583.5	13338.7	12037.8	10898.8	9878.0	8801.2	7382.0	6062.5
7.5°	17882.4	16948.8	15679.0	14708.0	13513.0	12168.5	11023.2	9952.7	8994.1	7519.0	6230.5
5°	17870.0	17098.2	15759.9	14745.4	13606.3	12224.5	11110.4	9971.3	9131.1	7637.2	6330.1
2.5°	17814.0	17197.8	15890.6	14807.6	13793.1	12330.3	11278.4	10008.7	9180.8	7767.9	6398.6
0°	18019.4	17204.0	16027.6	14826.3	13917.5	12367.7	11353.1	9977.6	9112.4	7805.3	6392.4
-2.5°	17577.4	16836.7	15996.5	14664.5	13749.5	12280.6	11216.2	9878.0	8963.0	7761.7	6367.5
-5°	17502.7	16569.1	15735.0	14515.1	13469.4	12100.0	10961.0	9691.2	8726.5	7618.5	6267.9
-7.5°	17303.6	16313.9	15479.8	14396.8	13208.0	11913.3	10718.3	9498.3	8471.3	7394.5	6124.7
-10°	16867.9	15921.8	15206.0	14141.6	12890.5	11645.7	10425.7	9243.1	8172.5	7089.5	5900.6
-12.5°	16245.4	15299.3	14589.8	13600.1	12492.2	11284.7	10077.1	8913.2	7830.2	6765.8	5633.0
-15°	15542.1	14583.5	13874.0	12971.5	11900.9	10724.5	9635.2	8496.2	7438.0	6423.5	5315.6
-17.5°	14745.4	13836.6	13152.0	12274.3	11210.0	10089.6	9006.6	7973.3	6983.7	6068.7	4948.3
-20°	13824.2	12940.3	12311.7	11434.0	10456.8	9367.6	8315.7	7338.5	6448.4	5589.4	4543.7



REPORT NUMBER: P722756

CATALOG NUMBER: IFLD-S-SA6E-950-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°	12685.1	11907.1	11191.3	10407.0	9554.3	8558.4	7581.2	6716.0	5863.3	5023.0	4126.7
-25°	11521.2	10768.0	10070.9	9355.1	8539.7	7680.8	6846.7	6062.5	5228.4	4469.1	3722.1
-27.5°	10226.5	9554.3	8931.9	8272.1	7525.2	6784.5	6099.8	5334.2	4612.2	3964.9	3323.8
-30°	8844.7	8297.0	7755.5	7170.4	6566.6	5944.2	5334.2	4612.2	4045.8	3529.2	2987.7
-32.5°	7519.0	7027.2	6591.5	6155.8	5633.0	5122.6	4581.1	4045.8	3572.8	3118.4	2664.0
-35°	6355.0	5832.2	5589.4	5240.9	4823.8	4363.2	3921.3	3547.9	3168.2	2757.4	2352.8
-37.5°	5346.7	5010.6	4724.2	4462.8	4132.9	3734.6	3417.1	3112.2	2794.7	2421.3	2072.7
-40°	4556.2	4313.4	4027.1	3834.2	3566.5	3280.2	2962.8	2707.6	2439.9	2134.9	1848.6
-42.5°	3921.3	3722.1	3535.4	3330.0	3130.8	2888.1	2614.2	2371.5	2128.7	1904.6	1668.1
-45°	3398.5	3255.3	3105.9	2937.9	2763.6	2552.0	2327.9	2078.9	1904.6	1705.5	1506.3
-47.5°	2969.0	2863.2	2738.7	2608.0	2458.6	2271.9	2066.5	1886.0	1705.5	1537.4	1344.4
-50°	2626.7	2527.1	2427.5	2315.4	2184.7	2022.9	1867.3	1699.2	1531.2	1369.3	1188.8
-52.5°	2340.3	2253.2	2172.3	2078.9	1954.4	1817.5	1674.3	1525.0	1369.3	1207.5	1064.4
-55°	2141.2	2041.6	1960.7	1867.3	1755.3	1624.5	1493.8	1356.9	1207.5	1083.0	964.8
-57.5°	1979.3	1867.3	1773.9	1674.3	1562.3	1450.3	1332.0	1207.5	1095.5	977.2	865.2
-60°	1842.4	1711.7	1605.9	1506.3	1400.5	1294.7	1195.1	1089.3	983.4	877.6	765.6
-62.5°	1699.2	1562.3	1431.6	1338.2	1257.3	1163.9	1076.8	977.2	883.9	778.0	697.1
-65°	1537.4	1406.7	1282.2	1201.3	1126.6	1045.7	964.8	877.6	796.7	715.8	641.1
-67.5°	1356.9	1244.9	1157.7	1083.0	1008.3	939.9	865.2	790.5	722.0	641.1	566.4
-70°	1139.0	1076.8	1027.0	971.0	902.5	840.3	771.8	703.3	628.7	560.2	491.7
-72.5°	971.0	933.6	896.3	840.3	778.0	722.0	666.0	603.8	541.5	479.3	423.3
-75°	796.7	765.6	734.5	697.1	647.3	603.8	554.0	497.9	448.1	404.6	361.0
-77.5°	641.1	616.2	597.5	566.4	529.1	491.7	460.6	423.3	385.9	342.3	298.8
-80°	510.4	497.9	491.7	479.3	448.1	417.0	392.1	361.0	323.7	292.5	261.4
-82.5°	398.4	398.4	392.1	385.9	361.0	336.1	317.4	292.5	267.6	242.7	211.6
-85°	292.5	286.3	286.3	280.1	261.4	249.0	230.3	217.9	199.2	174.3	161.8
-87.5°	174.3	168.1	161.8	155.6	143.2	136.9	124.5	118.3	105.8	93.4	87.1
-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: P722756

CATALOG NUMBER: IFLD-S-SA6E-950-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0
85°	18.7	12.4	12.4	12.4	12.4	12.4	6.2	6.2	6.2	6.2	6.2
82.5°	37.3	37.3	31.1	31.1	24.9	18.7	12.4	12.4	12.4	6.2	6.2
80°	56.0	56.0	56.0	49.8	43.6	31.1	24.9	18.7	12.4	6.2	6.2
77.5°	68.5	62.2	62.2	56.0	56.0	49.8	37.3	31.1	18.7	12.4	6.2
75°	68.5	68.5	68.5	62.2	62.2	56.0	49.8	37.3	31.1	18.7	12.4
72.5°	74.7	68.5	68.5	68.5	62.2	56.0	49.8	43.6	37.3	24.9	12.4
70°	68.5	68.5	68.5	68.5	62.2	62.2	49.8	43.6	43.6	24.9	18.7
67.5°	68.5	68.5	68.5	62.2	62.2	56.0	49.8	43.6	43.6	31.1	18.7
65°	74.7	68.5	68.5	68.5	62.2	56.0	49.8	43.6	43.6	37.3	24.9
62.5°	80.9	74.7	74.7	68.5	62.2	56.0	49.8	43.6	43.6	37.3	24.9
60°	87.1	80.9	74.7	74.7	68.5	62.2	49.8	49.8	43.6	37.3	24.9
57.5°	93.4	87.1	87.1	80.9	74.7	68.5	56.0	49.8	43.6	37.3	31.1
55°	112.0	99.6	93.4	93.4	87.1	74.7	62.2	49.8	43.6	37.3	31.1
52.5°	149.4	118.3	105.8	105.8	99.6	87.1	68.5	56.0	43.6	37.3	31.1
50°	236.5	149.4	124.5	112.0	112.0	99.6	80.9	62.2	43.6	37.3	31.1
47.5°	373.5	249.0	149.4	130.7	124.5	118.3	93.4	62.2	49.8	37.3	31.1
45°	616.2	367.2	242.7	155.6	130.7	124.5	105.8	68.5	49.8	43.6	31.1
42.5°	846.5	572.6	373.5	186.7	155.6	136.9	112.0	74.7	56.0	43.6	31.1
40°	1332.0	784.3	522.8	305.0	180.5	143.2	124.5	87.1	56.0	43.6	31.1
37.5°	1805.0	1039.5	703.3	448.1	205.4	161.8	130.7	93.4	62.2	43.6	37.3
35°	2278.1	1456.5	871.4	597.5	273.9	193.0	136.9	99.6	62.2	43.6	37.3
32.5°	2701.3	1848.6	1045.7	746.9	410.8	230.3	149.4	105.8	68.5	49.8	37.3
30°	3049.9	2209.6	1356.9	877.6	535.3	280.1	161.8	105.8	74.7	49.8	37.3
27.5°	3311.3	2489.7	1674.3	1014.6	641.1	329.9	186.7	118.3	74.7	49.8	37.3
25°	3523.0	2707.6	1954.4	1157.7	734.5	410.8	224.1	124.5	80.9	56.0	37.3
22.5°	3691.0	2888.1	2184.7	1350.7	846.5	491.7	273.9	136.9	80.9	56.0	37.3
20°	3921.3	3068.6	2340.3	1556.1	964.8	566.4	317.4	149.4	80.9	56.0	43.6
17.5°	4120.5	3249.1	2464.8	1730.4	1083.0	622.4	367.2	161.8	87.1	56.0	43.6
15°	4350.8	3423.4	2576.9	1867.3	1195.1	672.2	410.8	174.3	87.1	62.2	43.6
12.5°	4599.8	3585.2	2657.8	1979.3	1313.3	715.8	448.1	199.2	93.4	62.2	43.6
10°	4855.0	3722.1	2726.2	2060.2	1400.5	759.4	473.0	224.1	99.6	62.2	43.6
7.5°	5110.2	3846.6	2813.4	2097.6	1437.8	809.2	485.5	249.0	99.6	68.5	43.6
5°	5284.4	3927.5	2937.9	2122.5	1456.5	865.2	504.2	280.1	105.8	68.5	43.6
2.5°	5433.8	3977.3	3068.6	2141.2	1462.7	896.3	497.9	298.8	112.0	68.5	43.6
0°	5502.3	3977.3	3155.7	2128.7	1444.0	927.4	497.9	317.4	112.0	68.5	43.6
-2.5°	5396.5	4089.4	3130.8	2134.9	1450.3	927.4	522.8	323.7	124.5	74.7	43.6
-5°	5228.4	4132.9	3056.1	2103.8	1437.8	927.4	554.0	329.9	130.7	74.7	49.8
-7.5°	5066.6	4151.6	2969.0	2072.7	1419.1	902.5	560.2	323.7	143.2	80.9	49.8
-10°	4855.0	3946.2	2857.0	2016.7	1381.8	883.9	572.6	323.7	149.4	80.9	49.8
-12.5°	4612.2	3697.2	2720.0	1935.8	1338.2	865.2	578.9	323.7	155.6	87.1	49.8
-15°	4332.1	3442.0	2564.4	1848.6	1276.0	840.3	566.4	317.4	161.8	87.1	56.0
-17.5°	4014.7	3193.1	2402.6	1742.8	1207.5	809.2	541.5	311.2	161.8	87.1	56.0
-20°	3653.7	2944.1	2222.1	1637.0	1126.6	771.8	516.6	298.8	161.8	87.1	56.0

REPORT NUMBER: P722756

CATALOG NUMBER: IFLD-S-SA6E-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3330.0	2713.8	2035.3	1518.7	1039.5	728.2	485.5	286.3	161.8	93.4	56.0
-25°	3062.4	2489.7	1892.2	1400.5	946.1	678.4	454.4	273.9	161.8	93.4	56.0
-27.5°	2782.3	2247.0	1742.8	1288.4	883.9	634.9	423.3	261.4	155.6	93.4	56.0
-30°	2495.9	2010.5	1587.2	1163.9	821.6	591.3	398.4	242.7	155.6	93.4	56.0
-32.5°	2234.5	1817.5	1444.0	1039.5	753.1	547.7	373.5	236.5	149.4	93.4	56.0
-35°	1979.3	1643.2	1294.7	939.9	678.4	504.2	348.6	230.3	149.4	93.4	56.0
-37.5°	1767.7	1481.4	1157.7	871.4	634.9	466.8	323.7	217.9	143.2	93.4	56.0
-40°	1593.4	1332.0	1027.0	796.7	597.5	429.5	298.8	211.6	143.2	93.4	56.0
-42.5°	1431.6	1188.8	946.1	734.5	560.2	404.6	280.1	205.4	136.9	93.4	56.0
-45°	1288.4	1064.4	865.2	678.4	516.6	373.5	267.6	193.0	130.7	93.4	62.2
-47.5°	1145.3	977.2	790.5	628.7	473.0	336.1	255.2	186.7	124.5	87.1	62.2
-50°	1033.2	883.9	728.2	572.6	429.5	323.7	242.7	174.3	124.5	87.1	62.2
-52.5°	933.6	796.7	659.8	516.6	392.1	305.0	230.3	161.8	118.3	87.1	62.2
-55°	840.3	715.8	591.3	460.6	367.2	286.3	211.6	149.4	118.3	87.1	62.2
-57.5°	746.9	641.1	522.8	417.0	336.1	267.6	199.2	149.4	118.3	87.1	62.2
-60°	672.2	572.6	473.0	385.9	311.2	242.7	180.5	143.2	112.0	87.1	62.2
-62.5°	610.0	516.6	429.5	348.6	286.3	217.9	174.3	143.2	112.0	87.1	56.0
-65°	547.7	466.8	385.9	317.4	255.2	205.4	168.1	136.9	112.0	87.1	56.0
-67.5°	485.5	410.8	348.6	280.1	236.5	199.2	161.8	136.9	105.8	80.9	56.0
-70°	423.3	361.0	305.0	261.4	224.1	186.7	155.6	130.7	105.8	74.7	49.8
-72.5°	373.5	317.4	273.9	242.7	211.6	180.5	149.4	124.5	99.6	68.5	43.6
-75°	317.4	280.1	249.0	217.9	193.0	168.1	143.2	112.0	87.1	62.2	43.6
-77.5°	267.6	242.7	217.9	199.2	174.3	149.4	124.5	99.6	80.9	56.0	37.3
-80°	230.3	211.6	193.0	174.3	155.6	130.7	112.0	87.1	68.5	49.8	31.1
-82.5°	186.7	174.3	155.6	143.2	130.7	112.0	93.4	74.7	49.8	37.3	24.9
-85°	143.2	130.7	124.5	112.0	99.6	80.9	62.2	49.8	37.3	24.9	12.4
-87.5°	74.7	68.5	62.2	56.0	49.8	37.3	31.1	24.9	18.7	12.4	6.2
-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: P722756

CATALOG NUMBER: IFLD-S-SA6E-950-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°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	6.2	6.2	0.0	0.0
67.5°	12.4	6.2	0.0	0.0
65°	12.4	6.2	0.0	0.0
62.5°	12.4	6.2	0.0	0.0
60°	12.4	6.2	0.0	0.0
57.5°	18.7	6.2	6.2	0.0
55°	18.7	6.2	6.2	0.0
52.5°	18.7	6.2	6.2	0.0
50°	18.7	12.4	6.2	0.0
47.5°	18.7	12.4	6.2	0.0
45°	18.7	12.4	6.2	0.0
42.5°	18.7	12.4	6.2	0.0
40°	24.9	12.4	6.2	0.0
37.5°	24.9	12.4	6.2	0.0
35°	24.9	12.4	6.2	0.0
32.5°	24.9	12.4	6.2	0.0
30°	24.9	12.4	6.2	0.0
27.5°	24.9	18.7	6.2	0.0
25°	24.9	18.7	6.2	0.0
22.5°	31.1	18.7	6.2	0.0
20°	31.1	18.7	6.2	0.0
17.5°	31.1	18.7	6.2	0.0
15°	31.1	18.7	6.2	0.0
12.5°	31.1	18.7	6.2	0.0
10°	31.1	18.7	6.2	0.0
7.5°	31.1	18.7	6.2	0.0
5°	31.1	18.7	6.2	0.0
2.5°	31.1	18.7	6.2	0.0
0°	31.1	18.7	6.2	0.0
-2.5°	31.1	18.7	6.2	0.0
-5°	31.1	18.7	6.2	0.0
-7.5°	31.1	18.7	6.2	0.0
-10°	31.1	18.7	6.2	0.0
-12.5°	37.3	18.7	6.2	0.0
-15°	37.3	18.7	6.2	0.0
-17.5°	37.3	18.7	6.2	0.0
-20°	37.3	18.7	6.2	0.0

REPORT NUMBER: P722756

CATALOG NUMBER: IFLD-S-SA6E-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	37.3	18.7	6.2	0.0
-25°	37.3	18.7	6.2	0.0
-27.5°	37.3	18.7	6.2	0.0
-30°	37.3	18.7	6.2	0.0
-32.5°	37.3	18.7	6.2	0.0
-35°	37.3	18.7	6.2	0.0
-37.5°	37.3	18.7	6.2	0.0
-40°	37.3	18.7	6.2	0.0
-42.5°	31.1	18.7	6.2	0.0
-45°	37.3	18.7	6.2	0.0
-47.5°	37.3	18.7	6.2	0.0
-50°	37.3	18.7	6.2	0.0
-52.5°	37.3	18.7	6.2	0.0
-55°	37.3	18.7	6.2	0.0
-57.5°	37.3	18.7	6.2	0.0
-60°	37.3	18.7	6.2	0.0
-62.5°	31.1	18.7	6.2	0.0
-65°	31.1	12.4	6.2	0.0
-67.5°	31.1	12.4	6.2	0.0
-70°	31.1	12.4	6.2	0.0
-72.5°	24.9	12.4	6.2	0.0
-75°	24.9	12.4	6.2	0.0
-77.5°	18.7	6.2	0.0	0.0
-80°	18.7	6.2	0.0	0.0
-82.5°	12.4	6.2	0.0	0.0
-85°	6.2	6.2	0.0	0.0
-87.5°	6.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)